ProTools 4" Downlights

whitegoods

whitegoods

Whitegoods has developed another range of minimal lighting tools, which utilize the form factor of LED to reduce even further their visual impact, and of course they all hold true to our constant principles.

Our Philosophy

– Reduction of detail
– Seamless architectural integration
– Logical, modular systems and families of products
– Ease of specification, installation and maintenance

ProTools Range Modularity

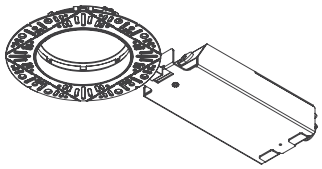
The ProTools range of professional lighting tools has been developed as a flexible and adaptable system.

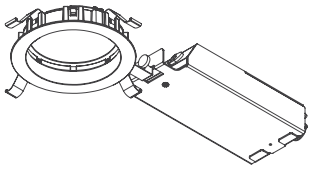
One unified range can meet the demands of all spaces within a project, from the simplest requirements to the most demanding, all with a genuinely matching aesthetic appearance.

Frame

Select from Plaster Trim or Bezel Trim. Once the mounting frame is fitted, it can accept any insert within the range, all of which can be installed and accessed from below.

The same is true for their driver box.

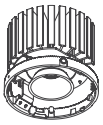




Insert

Choose the insert to suit your needs:

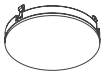
- Simple ambient light from the D insert.
- Various beam angles from fixed or adjustable.
- Ultimate performance, superb glare control, lens options and a unique void shielding system with the DLX insert.

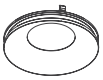


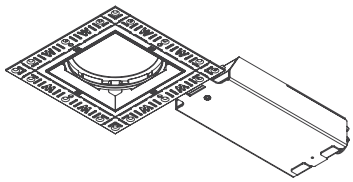
Cover

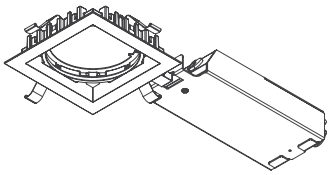
Complete with your choice of cover:

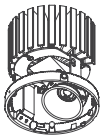
- Flush Satin Opal
- Recessed Cone
- Wall Wash
- Regressed Pinhole
- Wet Location

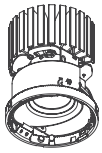


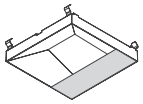


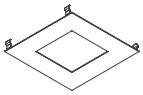


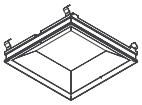






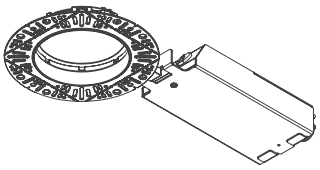




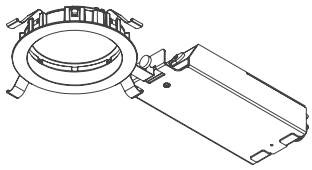


ProTools Range Logic

The ProTools range allows the specifier freedom to design for all spaces and environments within a project from one succinct, logical and aesthetically congruent range of luminaires. The comprehensive options cover all of the designer's needs.

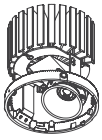


Round Plaster Trim
Frame

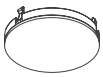


Round Bezel Trim
Frame

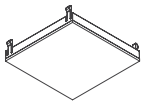
ProTools D
Fixed Insert



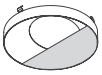
ProTools DL
Wall Wash Insert



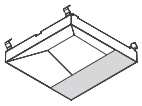
Round Flush
Satin Opal



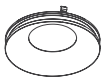
Square Flush
Satin Opal



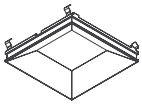
Round Wall Wash



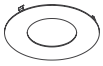
Square Wall Wash



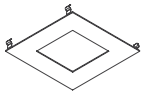
Round Cone



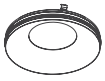
Square Cone



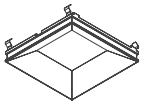
Round Recessed



Square Recessed



Round Cone
Wet Location



Square Cone
Wet Location

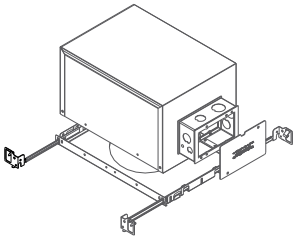
Round Micro-
prismatic Lens

Square Micro-
prismatic Lens

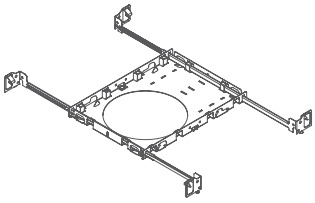
Round Satin
Opal Lens

Square Satin
Opal Lens

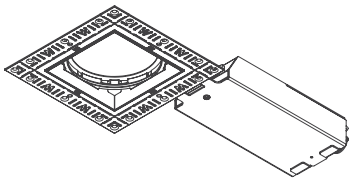
Optional Housings



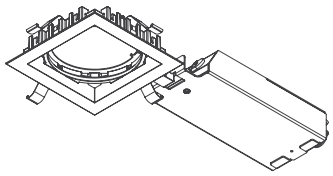
Insulated Ceiling Housing (IC)
Chicago Plenum Housing (CP)



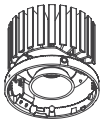
Landing Pan (LP)



Square Plaster Trim
Frame

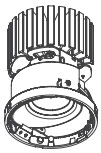


Square Bezel Trim
Frame



ProTools DL
Fixed Insert

ProTools DL
Adjustable Insert



ProTools DLX
Adjustable Insert

Accessory Holder

Focus Lens

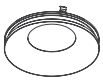
Honey
Comb

Glass
Filter

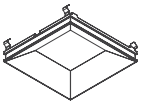
Color
Filter

Solite
Lens

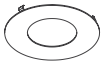
Any 1.7" Ø
Accessory



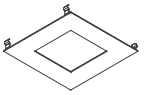
Round Cone



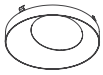
Square Cone



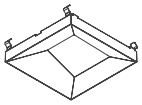
Round Recessed



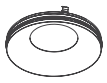
Square Recessed



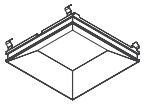
Round
Asymmetric



Square
Asymmetric



Round Cone
Wet Location



Square Cone
Wet Location

Open
Aperture

Round Micro-
prismatic Lens

Square Micro-
prismatic Lens

Round Satin
Opal Lens

Square Satin
Opal Lens

Round Solite
Lens

Square Solite
Lens

Round Satin
Opal Lens

Square Satin
Opal Lens

ProTools Aim Stick & Aim Stick Laser

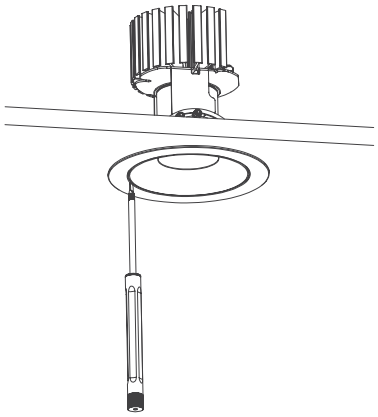
"Hot aiming" has been a buzzword in the lighting industry for decades. However, these days, it is something of a misnomer, as luminaires with LED technology run much cooler than their predecessors. Moreover, the traditional requirement for "lockable" fixtures related to the fact that their carefully aimed position would inevitably be disturbed during re-lamping every few thousand hours. The locking mechanism was there to minimize this. As LEDs will now more than likely outlast the serviceable life of an installation, this requirement is redundant. Market leading COB LEDs mean that, once set, the luminaire is unlikely to need servicing.

Instead, we have ensured that the position of our adjustable downlights is "fixed as set" by default. The 365 degree rotation is incrementally defined by a spring-loaded ratchet system, ensuring that the position achieved is fixed the moment it is set. The aiming angle is likewise held fast by four, factory torque set, friction points.

Whitegoods products are designed with input from lighting designers who have years of real life, first hand experience of specifying and using luminaires of all kinds. We know that construction sites can be difficult places to work. Focusing a project when the BMS or lighting control system is also being commissioned can mean wasted hours waiting for the lights to come on. With ProTools the designer can focus the project with lights on or off, utilizing the unique aiming stick with laser sight, allowing total confidence that the luminaire will hit its target.

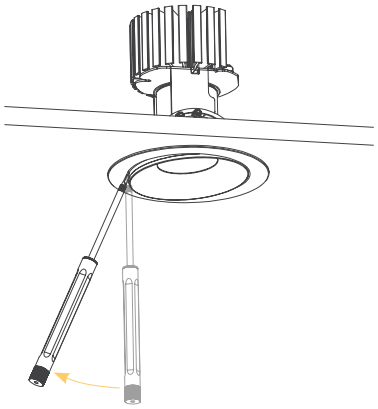
If you don't have one on hand, don't worry. A long thin screwdriver can be used to do the same job, albeit without the laser aiming of course.

1



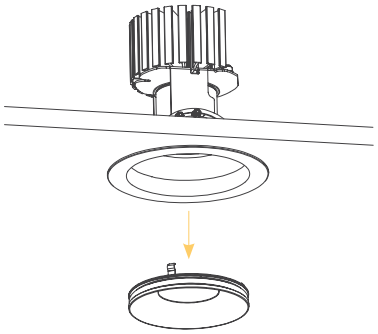
Gently insert the edge of the Aim Stick into the gap between the housing and the cover.

2



Lever out the cover.

3

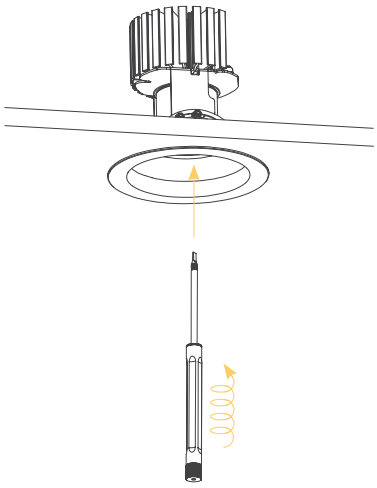


Remove the cover.

ProTools Aim Stick

ProTools Aim Stick Laser

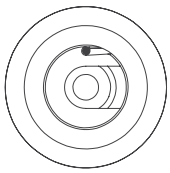
4



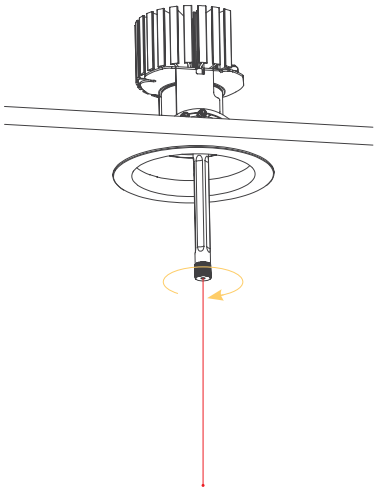
Locate the designated hole for the tool. Insert the ProTools Aim Stick into the housing and screw in a few short twists.

View from under the ProTools DLX.

The designated hole for the Aim Stick is highlighted in yellow.

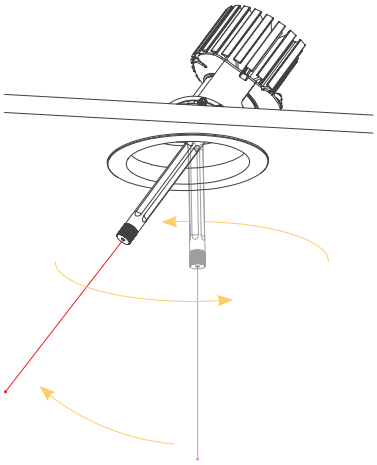


5



Activate the laser by rotating the black dial on the bottom of the Aim Stick clockwise.

6



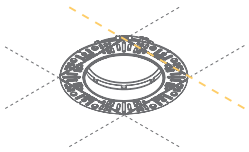
Use the tool to rotate the direction of the beam to the desired point.
The ProTools DLX can rotate 365° and has a tilt of 45°, the ProTools DL Adjustable can rotate 365° and has a tilt of 40°.

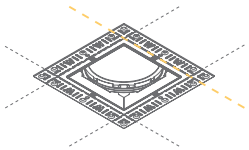
Once the required adjustment has been made, repeat steps 3-6 in reverse.

ProTools 'Snap Gangable' Installation Frames

The designers at Whitegoods have developed a truly innovative system for effortlessly creating multiple groups of luminaires in perfect formation without the need for any custom order housings. It is simple, easy and fast to create any combination required.

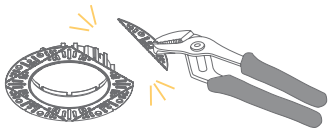
1

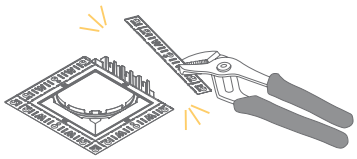




Select which side of the plaster trim to remove.

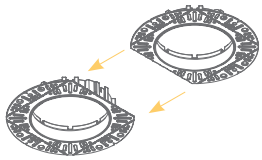
2

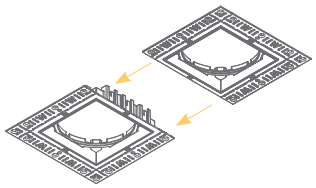




Use a pair of multi-grip pliers and firmly snap off the trim with one swift movement.

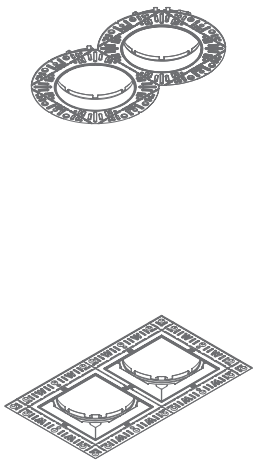
3





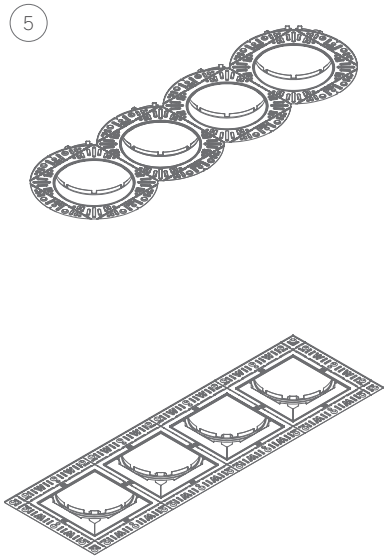
Installation frames can now be fixed directly next to one another...

4



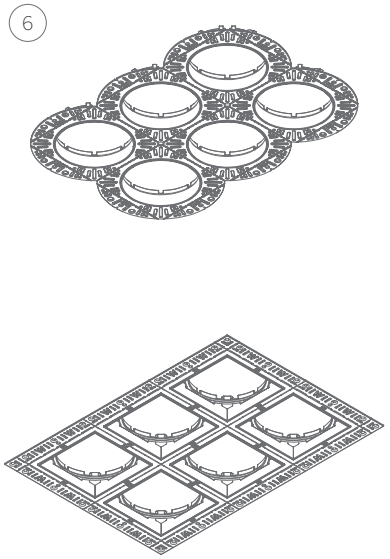
...to create "multiple" configurations, which would usually require additional dedicated housings.

5



Any number of frames can be grouped together to form linear configurations.

6



There are really no limits to the ways in which the installation frames can be combined.

Tuneable White

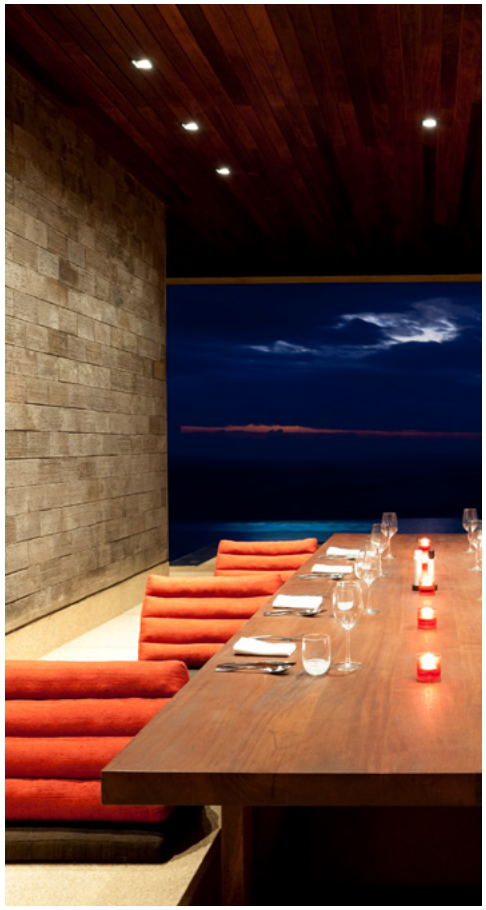
ProToools DL and DLX are available in Tuneable White to allow you to select any color temperature between 1800K and 4000K, while maintaining the same high quality color rendering as the standard led. This feature is often used in health and wellness applications, as well as work spaces to increase productivity, architectural spaces to match natural light, and for design focus in retail and hospitality environments.

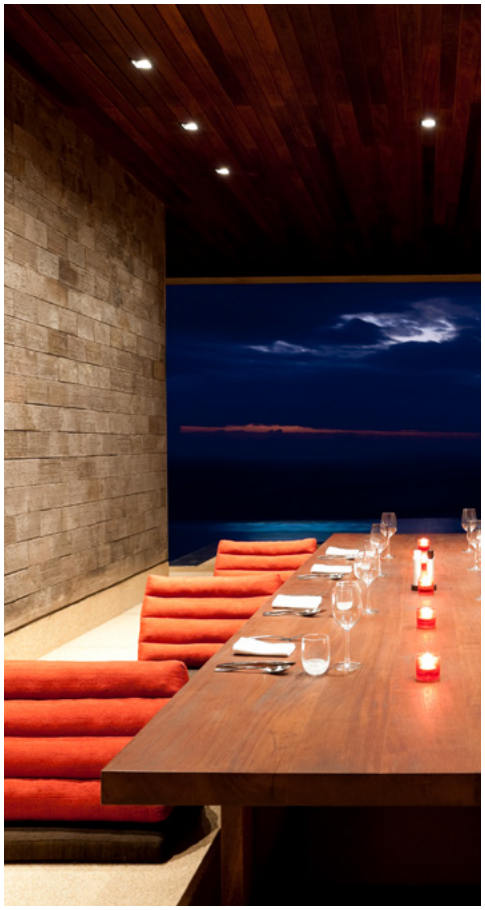
Color Temperature	Description	Typical Usage
4000K	Cool	Office, Exterior
3500K	Neutral Cool	Office
3000K	Neutral Warm	Office, Residential
2700K	Warm: Halogen Incandescent	Residential, Hotel
1800K	Very Warm Incandescent	Residential

Warm Dim

Whitegoods Warm Dim lighting provides LED dimming and warm LED lights virtually indistinguishable from an incandescent light source. Designed to precisely mimic the black body curve of a standard 100W A19 lamp by gradually transitioning from 1800K to 3000K.

Color Temperature	Description	Typical Usage
3000K	Neutral Warm	Office, Residential
2700K	Warm: Halogen Incandescent	Residential, Hotel
1800K	Very Warm Incandescent	Residential





ProTools Future-proofing

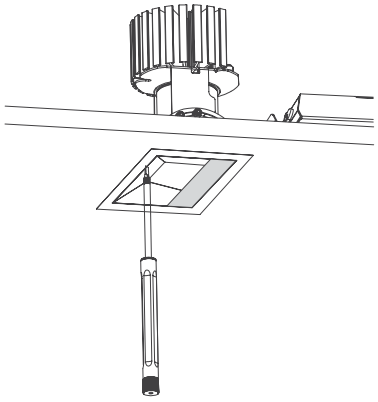
The complete ProTools Downlight range is designed to allow complete flexibility of application, today, next month, next year, and beyond.

The modular design means that any combination of insert and cover can be fitted into the mounting frame, and at any time. For example, imagine an installation called for Wall Wash inserts and covers initially, but some years on the customer has a different requirement – adjustable downlights are now needed. No problem! Simply follow these few simple steps and the installation can be completely re-purposed, quickly and easily.

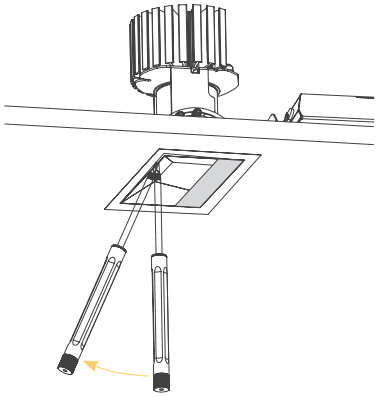
4" ProTools DL Wall Wash
Round Wall Wash Cover

4" ProTools DL Adjustable
Round Regressed Cone Cover

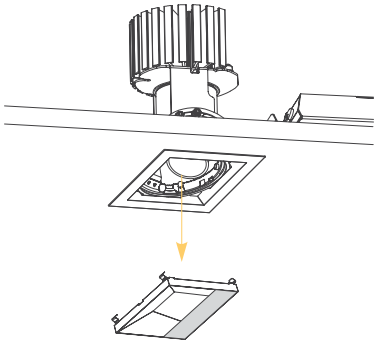
1 Insert the edge of the Aim Stick into the gap between the housing and the cover.



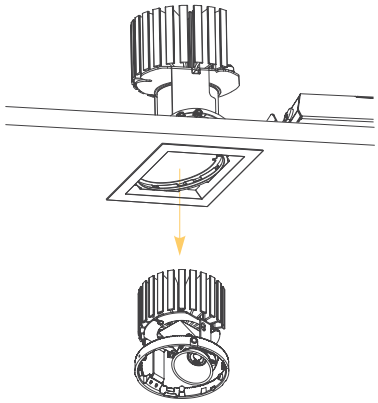
2 Lever out the cover.



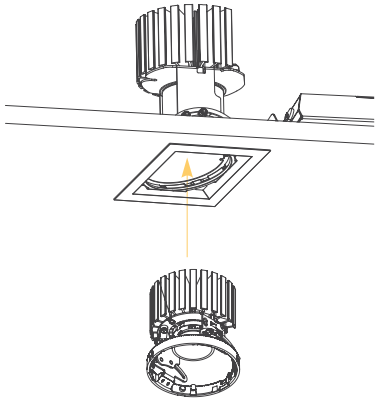
3 Remove the cover.



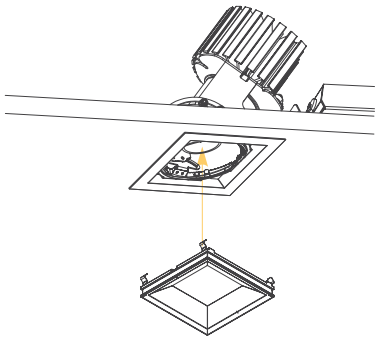
4 Remove Wall Wash insert and disconnect in-line connector (tool free) from driver / junction box.



5 Connect replacement insert via inline connector (tool free) to driver / junction box, then snap into the housing.



6 Fit new / preferred cover by simply snapping it home into the housing trim.



ProTools

Fixed Downlights

4" ProTools D Downlight Square Flush Diffuser
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4" ProTools D Downlight Round Flush Diffuser
Product details 28
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4" ProTools D Downlight Square Recessed Cone
Product details 30

4" ProTools D Downlight Round Recessed Cone
Product details 32

4" ProTools D Downlight Square Regressed Pinhole
Product details 34

4" ProTools D Downlight Round Regressed Pinhole
Product details 36

4" ProTools DL Downlight Square Recessed Cone
Product details 38
Design guide 100-103

4" ProTools DL Downlight Round Recessed Cone
Product details 40
Design guide 100-103

4" ProTools DL Downlight Square Regressed Pinhole
Product details 42
Design guide 100-103

4" ProTools DL Downlight Round Regressed Pinhole
Product details 44
Design guide 100-103

Adjustable Downlights

4" ProTools DL Adjustable Square Recessed Cone
Product details 46
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4" ProTools DL Adjustable Round Recessed Cone
Product details 48
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4" ProTools DL Adjustable Square Regressed Pinhole
Product details 50
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4" ProTools DL Adjustable Round Regressed Pinhole
Product details 52
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4" ProTools DL Adjustable Square Asymmetric Cone
Product details 54
Design guide 100-103

4" ProTools DL Adjustable Round Asymmetric Cone
Product details 56
Design guide 100-103

4" ProTools DLX Adjustable Square Recessed Cone
Product details 62
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4" ProTools DLX Adjustable Square Recessed Cone - Narrow
Product details 64
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4" ProTools DLX Adjustable Square Recessed Cone - Zoom
Product details 66
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4" ProTools DLX Adjustable Round Recessed Cone
Product details 68
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The ProTools 4" downlight family offers trimless and trim, round or square, ambient light, or adjustable, wall washers, ultimate performance, superb glare control, lens options and the Whitegoods attention to integration with surrounding materials.

Made in the USA and in stock in Maryland.

4" ProTools DLX Adjustable Round Recessed Cone - Narrow

Product details 70
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4" ProTools DLX Adjustable Round Recessed Cone - Zoom

Product details 72
Design guide 100-103

4" ProTools DLX Adjustable Square Regressed Pinhole

Product details 74
Design guide 100-103

4" ProTools DLX Adjustable Square Regressed Pinhole - Narrow

Product details 76
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4" ProTools DLX Adjustable Square Regressed Pinhole - Zoom

Product details 78
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4" ProTools DLX Adjustable Round Regressed Pinhole

Product details 80
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4" ProTools DLX Adjustable Round Regressed Pinhole - Narrow

Product details 82
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4" ProTools DLX Adjustable Round Regressed Pinhole - Zoom

Product details 84
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4" ProTools DLX Adjustable Square Asymmetric Cone

Product details 86
Design guide 100-103

4" ProTools DLX Adjustable Square Asymmetric Cone - Narrow

Product details 88
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4" ProTools DLX Adjustable Square Asymmetric Cone - Zoom

Product details 90
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4" ProTools DLX Adjustable Round Asymmetric Cone

Product details 92
Design guide 100-103

4" ProTools DLX Adjustable Round Asymmetric Cone - Narrow

Product details 94
Design guide 100-103

4" ProTools DLX Adjustable Round Asymmetric Cone - Zoom

Product details 96
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Washlights

4" ProTools DL Wall Wash Square Wall Wash

Product details 58
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4" ProTools DL Wall Wash Round Wall Wash

Product details 60
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ProTools Applications

Downlight

Perhaps the most common lighting solution utilized for general area lighting, arranging a group of lights in a grid to give even illumination to the surface below.

Of course, the popularity of a technique is not always a sign of best practice, and in this case it typically has more to do with economy and ease of implementation.

However, when applied to a space with some consideration it can be an effective technique. One thing to consider for this type of solution is "how much light will fall on the walls?". A space can have a lot of light being delivered into it, but if the walls are not sufficiently illuminated, there is a good chance that the space will feel gloomy, even though there is plenty of light falling on horizontal surfaces like desks or the floor.

Fortunately, many Whitegoods luminaires have good 'high angle distribution', which can help to deal with this common issue.

Tip
Look for Whitegoods product codes that include "D", "DL", or "DLX" to find downlights.

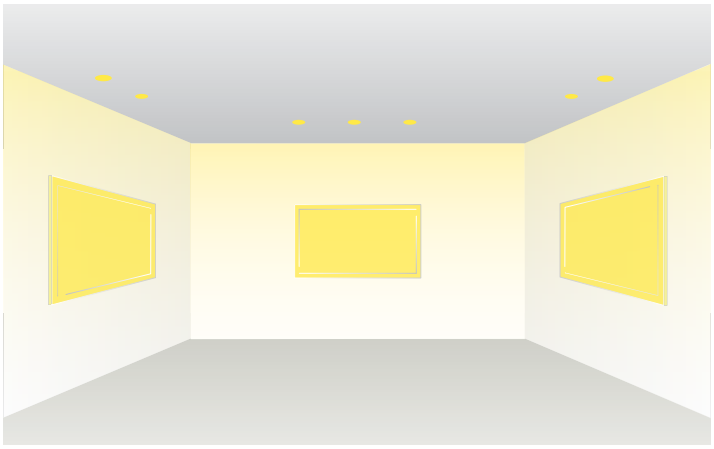
Washlight

The aim of wall washing, or in fact washing any surface with light (wall, ceiling or floor), is to create an even 'wash' of light across the surface. The wall wash is a great way to introduce light into a room as the brightness of the vertical surfaces around us play a crucial role in our perception of a space. You can use linear or point sources, and both will need to emit a wide, even beam of light which is directed towards the wall, to create the effect.

Downlights need to be correctly positioned, both in terms of distance from the wall, and their relative distance to one another. There are helpful guides for this in the Design Guide section of this book. Linear sources also need careful placing in terms of their offset from the wall, and can be used in a continuous format, or as a series of linear elements. A continuous linear source will achieve the most consistent overall effect, although downlights might better suit the architecture or construction method.

Tip
Look for Whitegoods product codes that include "WW" throughout this book to find wash lights.

Adjustable



Of course, although considering whole surfaces is a highly effective way to start thinking about light within your project, it is equally possible to think in terms of specific pieces of architecture, art, sculpture, ornamentation or furniture, and treat these as focal objects, drawing the viewers attention to them naturally and simply by highlighting them against their background scenario.

A useful 'rule of thumb' here is that if you allow ten times more light to fall on an object relative to the surrounding light level, it will seem to be 'popping' out of the scene and will tend to draw the eye.

Tip
Look for Whitegoods product codes that include "DL" or "DLX" throughout this book to find products suitable for highlighting focal objects.

4" ProTools D Downlight
Square Flush Diffuser

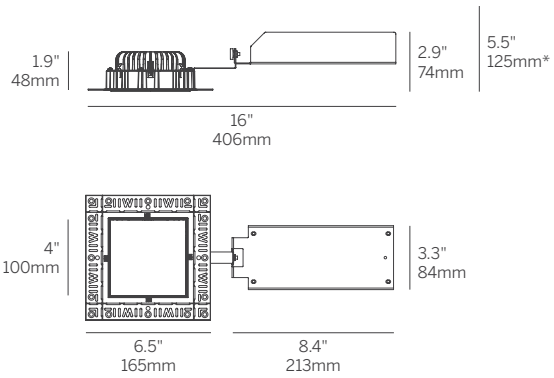
High-Angle Distribution Ambient Lighting

- 4" aperture square downlight for wide distribution ambient lighting.
- High angle distribution giving good vertical illumination.
- High transmission, evenly illuminated Flush Satin Diffuser.
- Beam Angle: Lambertian
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.

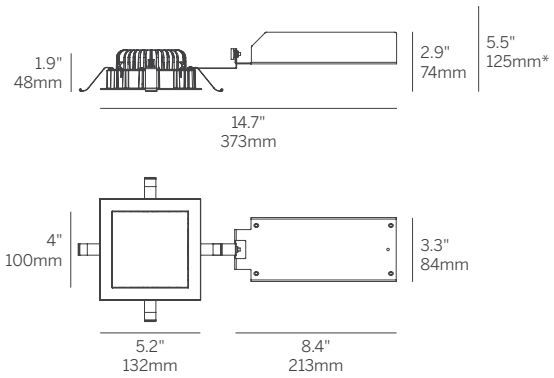
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square aperture with minimal ceiling interruption and flush lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	Lambertian
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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100-104

4" ProTools D Downlight
Square Flush Diffuser

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	FSOD	LAM	W S[5]	LP CP IC

Model
- WG-100SPTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (850/1187/1612 lm)
- 930 = 3000K, (875/1220/1657 lm)
- 935 = 3500K, (922/1286/1747 lm)
- 940 = 4000K, (972/1356/1842 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Lens
- FSOD = Flush Square Satin Opal Lens

Beam
- LAM = Lambertian

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumens shown for WG-100SPTD-...-FSOD-LAM-W. See Page 2 of specsheet for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools D Downlight
Round Flush Diffuser

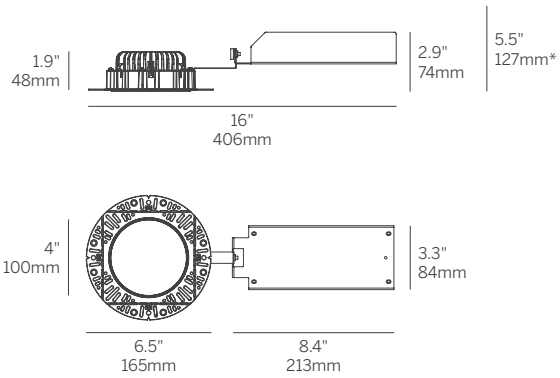
High-Angle Distribution Ambient Lighting

- 4" aperture square downlight for wide distribution ambient lighting.
- High angle distribution giving good vertical illumination.
- High transmission, evenly illuminated Flush Satin Diffuser.
- Beam Angle: Lambertian
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.

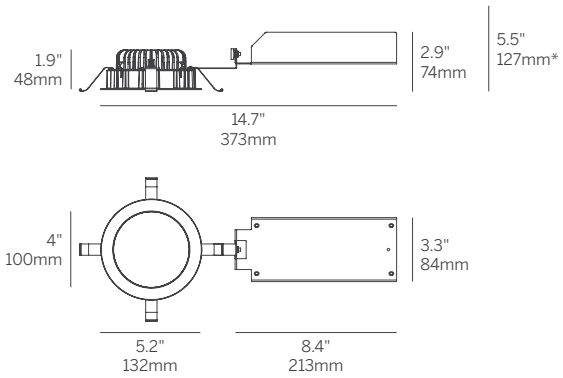
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round aperture with minimal ceiling interruption and flush lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	Lambertian
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools D Downlight
Round Flush Diffuser

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Lens	Beam	Finish	Options
WG-100RPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	FROD	LAM	W S[5]	LP CP IC

Model
- WG-100RPTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (849/1185/1609 lm)
- 930 = 3000K, (873/1218/1655 lm)
- 935 = 3500K, (920/1284/1744 lm)
- 940 = 4000K, (971/1354/1839 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Lens
- FROD = Flush Round Satin Opal Lens

Beam
- LAM = Lambertian

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for 100RPTD-...-FROD-LAM-W. See Page 2 of specsheet for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools D Downlight
Square Recessed Cone

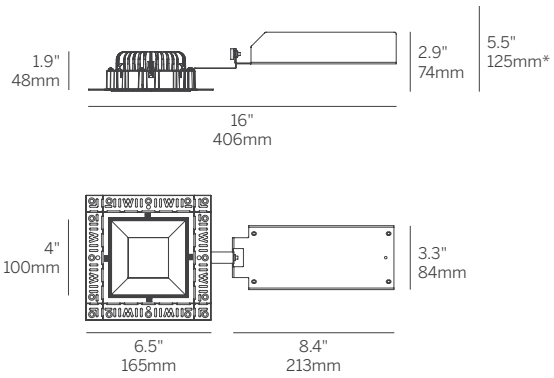
Even Illumination From Regressed Lens

- 4" square aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

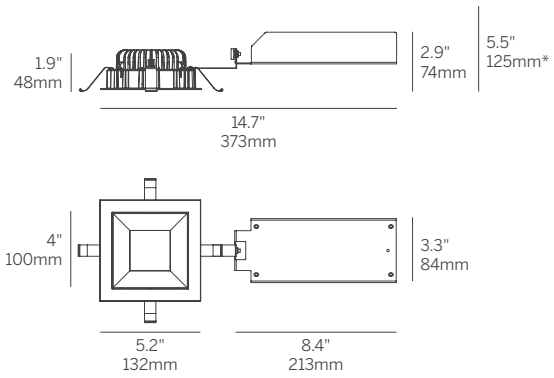
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square aperture with minimal ceiling interruption and recessed lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	110 degree beam spread
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools D Downlight
Square Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	RSO	110	W S[5]	LP CP IC WL

Model
- WG-100SPTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (760/1060/1440 lm)
- 930 = 3000K, (781/1090/1481 lm)
- 935 = 3500K, (824/1149/1561 lm)
- 940 = 4000K, (868/1212/1646 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SRC = Square Recessed Cone

Lens
- RSO = Satin Opal

Beam
- 110 = 110° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumens shown fro 100SPTD-...-SRC-RSO-110-W. See Page 2 of specsheet for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools D Downlight
Round Recessed Cone

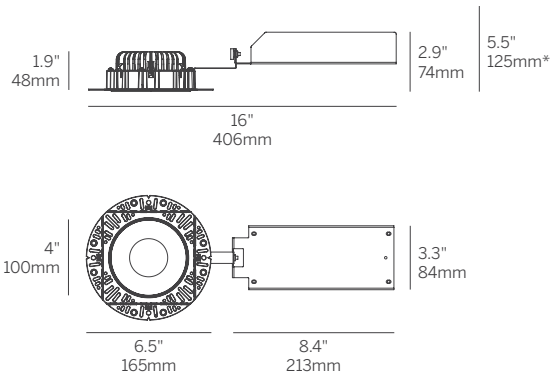
Even Illumination From Regressed Lens

- 4" round aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

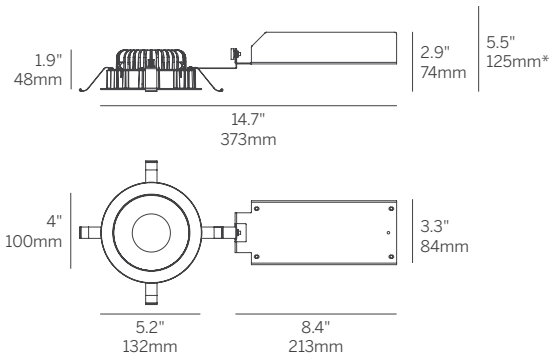
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round aperture with minimal ceiling interruption and recessed lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	110 degree beam spread
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools D Downlight
Round Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	RSO	110	W S[5]	LP CP IC WL

Model
- WG-100RPTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (700/976/1326 lm)
- 930 = 3000K, (719/1004/1364 lm)
- 935 = 3500K, (758/1058/1437 lm)
- 940 = 4000K, (800/1116/1516 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- RRC = Round Recessed Cone

Lens
- RSO = Satin Opal

Beam
- 110 = 110° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for 100RPTD-...-RRC-RSO-110-W. See Page 2 of specsheet for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools D Downlight
Square Regressed Pinhole

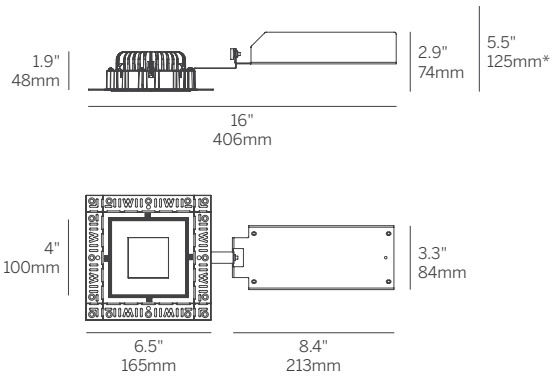
Even Illumination From Regressed Lens

- 4" square aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.

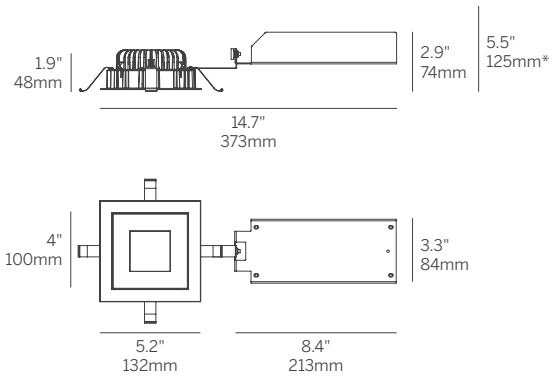
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole with minimal ceiling interruption and satin opal lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	110 degree beam spread
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools D Downlight
Square Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	RSO	110	W S[5]	LP CP IC

Model
- WG-100SPTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (741/1034/1405 lm)
- 930 = 3000K, (762/1064/1445 lm)
- 935 = 3500K, (803/1121/1523 lm)
- 940 = 4000K, (847/1182/1606 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SRP = Square Regressed Pinhole

Lens
- RSO = Satin Opal

Beam
- 110 = 110° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for 100SPTD-...-SRP-RSO-110-W. See Page 2 of specsheet for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools D Downlight
Round Regressed Pinhole

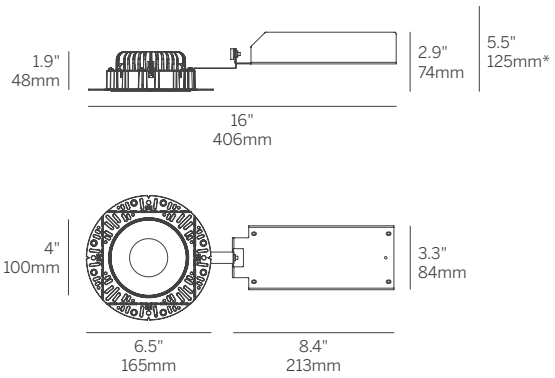
Even Illumination From Regressed Lens

- 4" round aperture downlight with wide distribution ambient lighting.
- 0.7" regressed, evenly illuminated, highly efficient Satin Opal Diffuser providing good glare control.
- High efficiency, high transmission diffuser.
- Beam Angle: 110°
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.

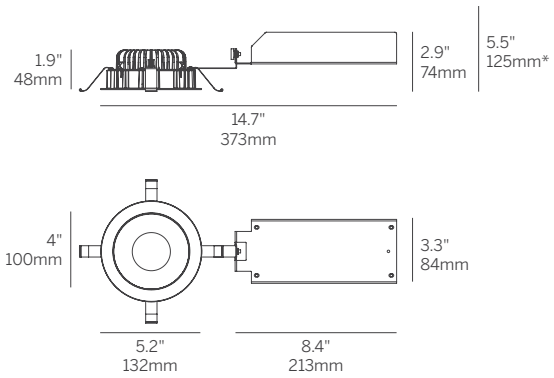
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole with minimal ceiling interruption and satin opal lens
LED	90+ CRI Low/Medium/High output choices 2700K, 3000K, 3500K, 4000K
Beam	110 degree beam spread
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools D Downlight
Round Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTD	RPT RBT	L M H	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	RSO	110	W S[5]	LP CP IC

Model
- WG-100SRTD = 4" ProTools D Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 11W @ 350mA
- M = Mid Power, 15W @ 500mA
- H = High Power, 22.5W @ 700mA

CRI/CCT[3]

90+ CRI (Low/Medium/High Power)
- 927 = 2700K, (657/916/1245 lm)
- 930 = 3000K, (675/942/1280 lm)
- 935 = 3500K, (712/993/1349 lm)
- 940 = 4000K, (751/1047/1423 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- RRP = Round Regressed Pinhole

Lens
- RSO = Satin Opal

Beam
- 110 = 110° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumens shown for 100RPTD-...RRP-RSO-110-W. See Page 2 of specsheet for additional details..
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools DL Downlight
Square Recessed Cone

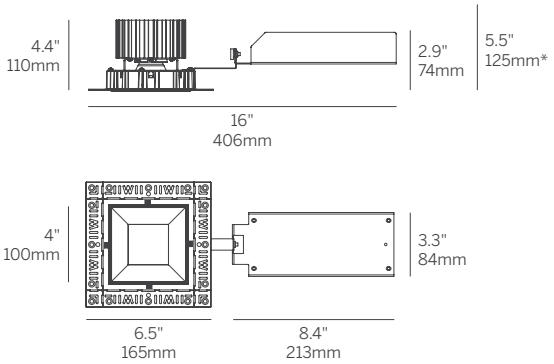
Multiple Beam Options From Recessed Source

- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

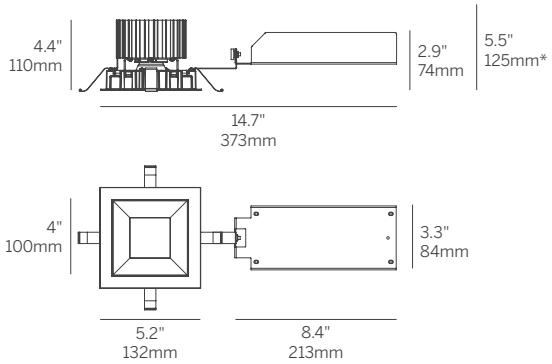
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32, 41 and 65 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation	Not required when using the Driver Enclosure
Housing	Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Downlight
Square Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options[6]
WG-100SPTDLF	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRC	OA MPL RSC	16 32 41 65	W S[5]	LP CP IC WL

Model
- WG-100SPTDLF = 4" ProTools DL Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (552/766/1031/1445 lm)
- 930 = 3000K, (594/824/1110/1555 lm)
- 935 = 3500K, (594/824/1110/1555 lm)
- 940 = 4000K, (636/883/1188/1664 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (Warm Dimming), 120-277V

Cover
- SRC = Square Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle
- 65 = 65° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options[6]

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown fro WG-100RPTDLF-...-SRC-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.
6. To specify multiple options, select the appropriate grouped codes from the dropdown e.g. LP-WL.

4" ProTools DL Downlight
Round Recessed Cone

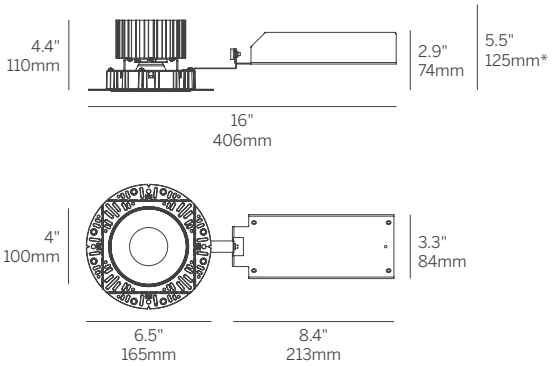
Multiple Beam Options From Recessed Source

- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 50°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

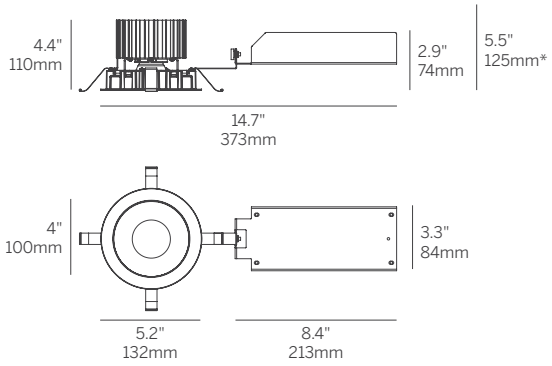
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32, 41 and 65 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation	Not required when using the Driver Enclosure
Housing	Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Downlight
Round Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options[6]
WG-100RPTDLF	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRC	OA MPL RSC	16 32 41 65	W S[5]	LP CP IC WL

Model
- WG-100RPTDLF = 4" ProTools DL Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (492/683/919/1287 lm)
- 930 = 3000K, (529/734/989/1385 lm)
- 935 = 3500K, (529/734/989/1385 lm)
- 940 = 4000K, (567/786/1058/1483 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (Warm Dimming), 120-277V

Cover
- RRC = Round Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle
- 65 = 65° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options[6]

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown fro WG-100RPTDLF-...-SRC-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.
6. To specify multiple options, select the appropriate grouped codes from the dropdown e.g. LP-WL.

4" ProTools DL Downlight
Square Regressed Pinhole

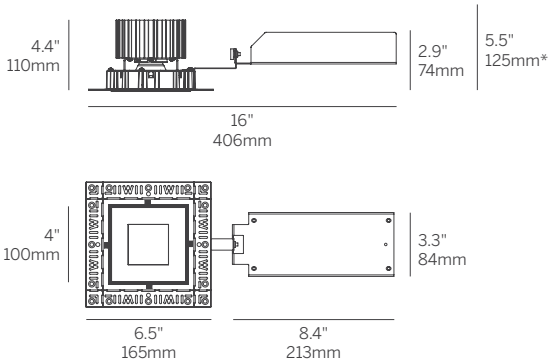
Multiple Beam Options From Regressed Source

- 4" square downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.

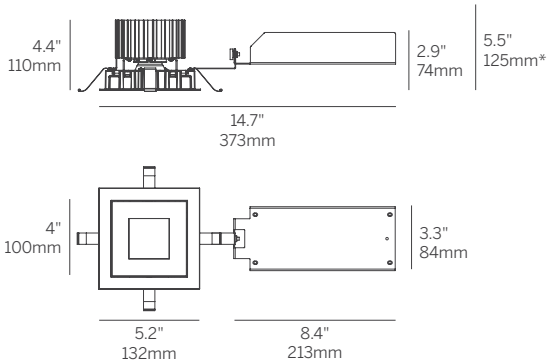
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32, 41 and 65 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation	Not required when using the Driver Enclosure
Housing	Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Downlight
Square Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLF	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRP	OA MPL RSC	16 32 41 65	W S[5]	LP CP IC

Model
- WG-100SPTDLF = 4" ProTools DL Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (494/686/923/1293 lm)
- 930 = 3000K, (532/738/ 993/1391 lm)
- 935 = 3500K, (532/738/993/1391 lm)
- 940 = 4000K, (569/790/1063/1489 lm
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRP = Square Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle
- 65 = 65° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100RPTDLF-...-SRP-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Downlight
Round Regressed Pinhole

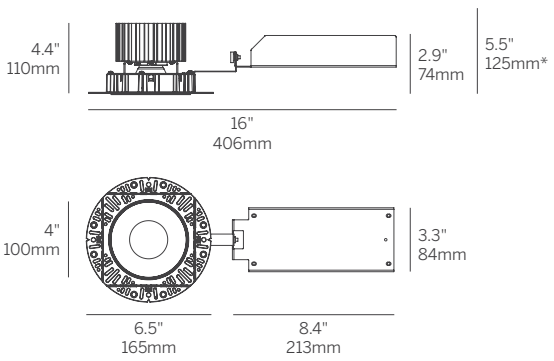
Multiple Beam Options From Regressed Source

- 4" round downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 55°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.

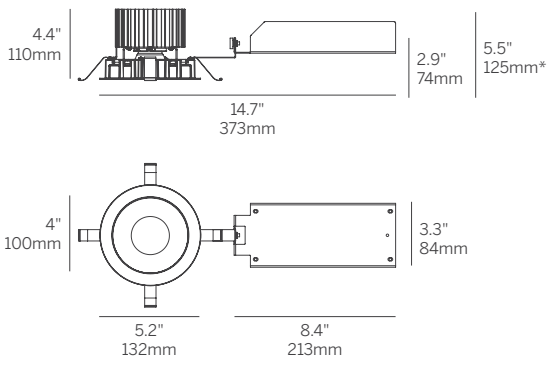
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32, 41 and 65 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation **Housing**	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Downlight
Round Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLF	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRP	OA MPL RSC	16 32 41 65	W S[5]	LP CP IC

Model
- WG-100RPTDLF = 4" ProTools DL Downlight

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (492/683/919/1287 lm)
- 930 = 3000K, (529/734/989/1385 lm)
- 935 = 3500K, (529/734/989/1385 lm)
- 940 = 4000K, (567/786/1058/1483 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRP = Round Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle
- 65 = 65° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

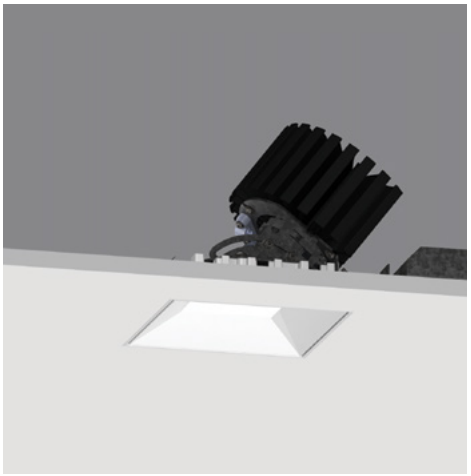
Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for WG-100RPTDLF -...-RRP-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Square Recessed Cone

Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

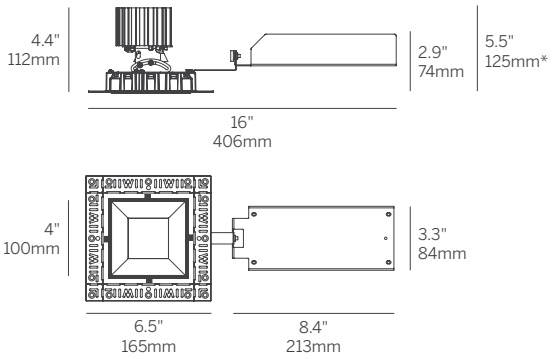
- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40°, rotation 365°, 144 step.
- Wet Location as standard option (WL).



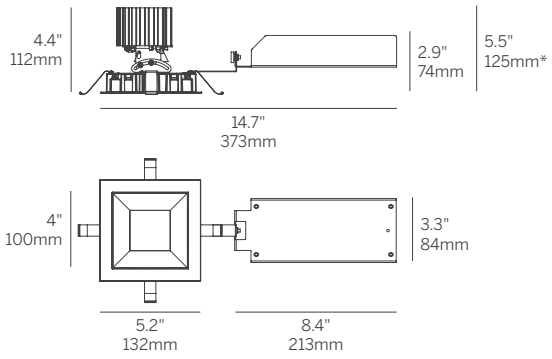
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation	Not required when using the Driver Enclosure
Housing	Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Square Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLA = 4" ProTools DL Ajustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (552/766/1031/1445 lm)
- 930 = 3000K, (594/824/1110/1555 lm)
- 935 = 3500K, (594/824/1110/1555 lm)
- 940 = 4000K, (636/883/1188/1664 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRC = Square Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100SPTDLA-...-SRC-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Round Recessed Cone

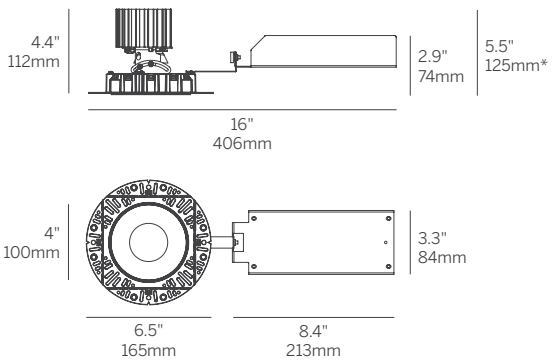
Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40°, rotation 365°, 144 step.
- Wet Location as standard option (WL).

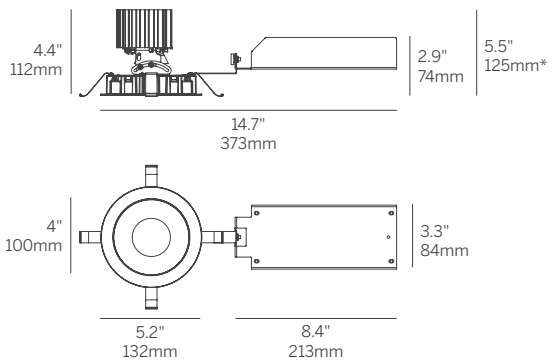
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Round Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (492/683/919/1287 lm)
- 930 = 3000K, (529/734/989/1385 lm)
- 935 = 3500K, (529/734/989/1385 lm)
- 940 = 4000K, (567/786/1058/1483 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRC = Round Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

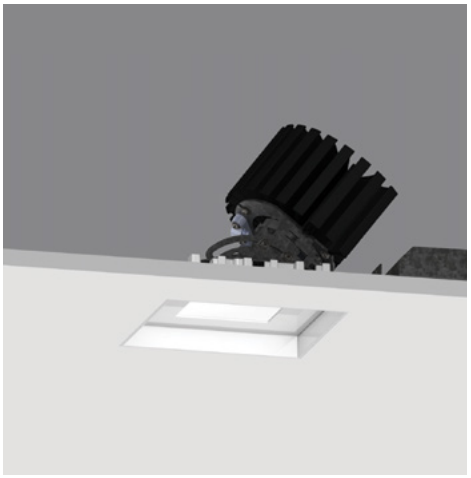
Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100RPTDLA-...-RRC-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Square Regressed Pinhole

Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

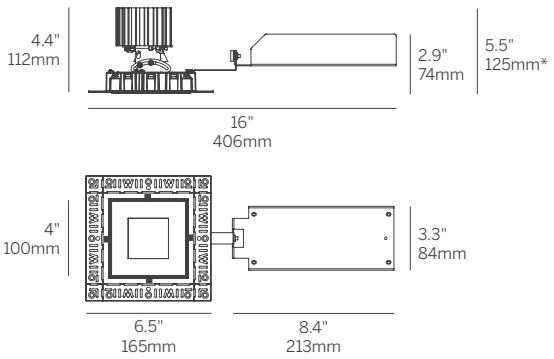
- 4" square downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40°, rotation 365°, 144 step.



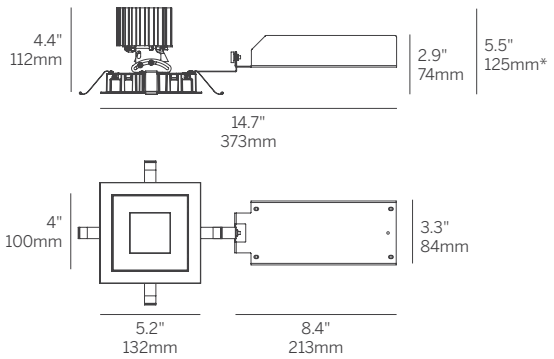
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Square Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRP	OA MPL RSC	16 32 41	W S[5]	LP CP IC

Model
- WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (494/686/923/1293 lm)
- 930 = 3000K, (532/738/993/1391 lm)
- 935 = 3500K, (532/738/993/1391 lm)
- 940 = 4000K, (569/790/1063/1489 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRP = Square Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-00SPTDLA-...-SRP-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Round Regressed Pinhole

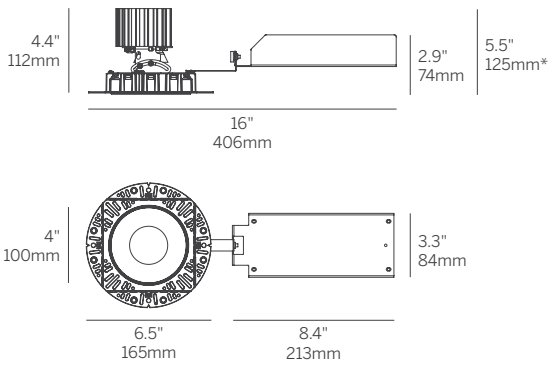
Multiple Beam Options With Pan And Tilt Adjustment From Regressed Source

- 4" round downlight with 2" light aperture.
- 1/2" regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40°, rotation 365°, 144 step.

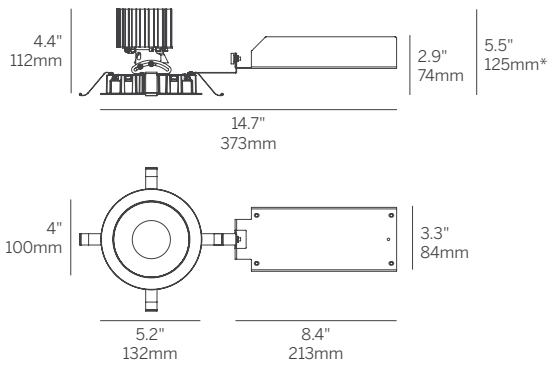
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation **Housing**	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Round Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRP	OA MPL RSC	16 32 41	W S[5]	LP CP IC

Model
- WG-100RPTDLA = 4" ProTools DL Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (492/683/919/1287 lm)
- 930 = 3000K, (529/734/989/1385 lm)
- 935 = 3500K, (529/734/989/1385 lm)
- 940 = 4000K, (567/786/1058/1483 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRP = Round Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100RPTDLA-...-RRP-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Square Asymmetric Cone

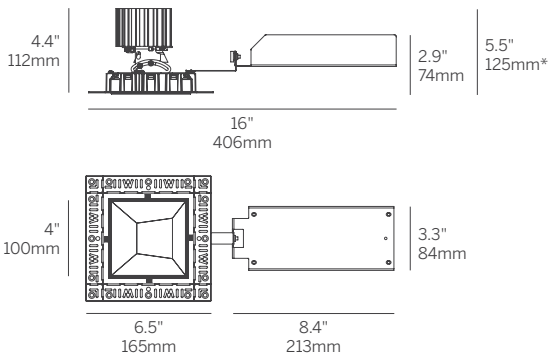
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" square downlight with 2" light aperture.
- 0.7 regressed aperture / lens position provides good glare control.
- Beam Angle: Various
- Asymmetric cover to minimize beam clipping when tilted.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40°, rotation 365°, 144 step.
- Wet Location as standard option (WL).

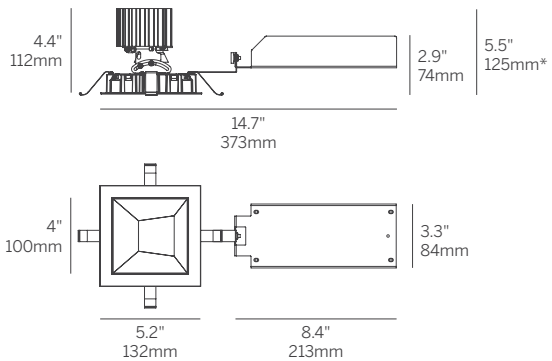
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Square Asymmetric Cover

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SAC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLA = 4" ProTools DL Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (447/620/834/1169 lm)
- 930 = 3000K, (481/667/898/1258 lm)
- 935 = 3500K, (481/667/898/1258 lm)
- 940 = 4000K, (515/714/961/1347 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100SPTDLA-...-SAC-OA-16-W. See page 2 of specsheet for delivered lumen data for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Adjustable
Round Asymmetric Cone

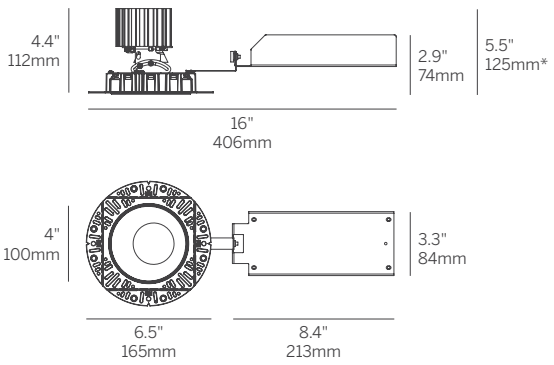
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens position provides good glare control.
- Beam Angle: Various
- Asymmetric cover to minimize beam clipping when tilted.
- Open aperture, clear lens or high transmission diffuser.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 40º, rotation 365º, 144 step.
- Wet Location as standard option (WL).

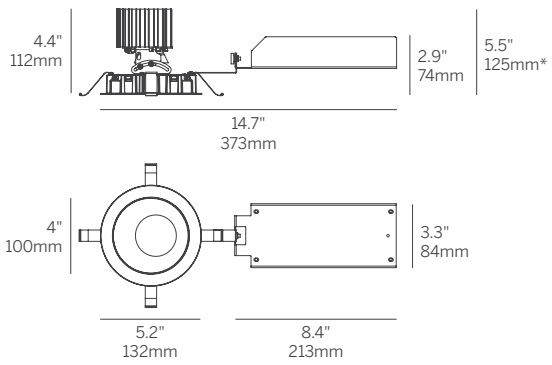
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Adjustable
Round Asymmetric Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLA	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RAC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100RPTDLA = 4" ProTools DL Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (501/695/936/1311 lm)
- 930 = 3000K, (539/748/1007/1410 lm)
- 935 = 3500K, (539/748/1007/1410 lm)
- 940 = 4000K, (577/801/1078/1510 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RAC = Round Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Delivered lumen data shown for WG-100RPTDLA-...-RAC-OA-16-W. Refer to page 2 for delivered lumendata for other product configurations.
4. See power supply page for details.
5. Plaster trim version includes white frame and silver cover.

4" ProTools DL Wall Wash
Square Wall Wash

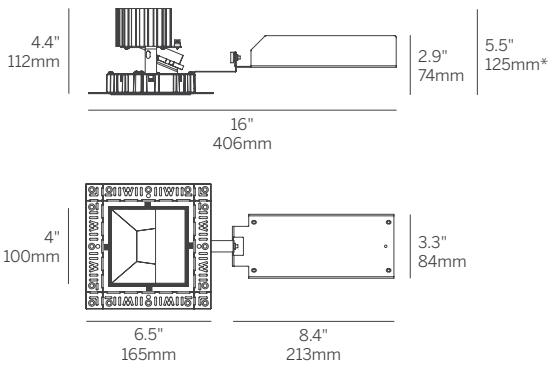
Dedicated Wall Wash Luminaire for Even Illumination of Vertical Surfaces

- 4" square downlight with 2" light aperture.
- 0.7" regressed aperture / lens providing asymmetric beam distribution optimized for even illumination of vertical surfaces.
- High-angle illumination.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

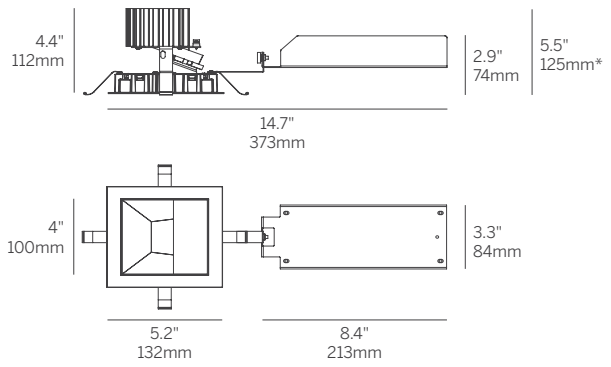
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Flush aperture with room-side cutoff and wall wash distribution
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	Satin spread lens (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Wall Wash
Square Wall Wash

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Finish	Options
WG-100SPTDLWW	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SWW	WWL	W S[5]	LP CP IC WL

Model
- WG-100SPTDLWW = 4" ProTools DL Wall Wash

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (322/446/600/841 lm)
- 930 = 3000K, (346/480/646/905 lm)
- 935 = 3500K, (346/480 / 646/905 lm)
- 940 = 4000K, (371/514/692/969 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SWW = Square Wall Wash

Lens
- WWL = Wall Wash Spread Lens

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for WG-100SPTDLWW-...-SWW-WWL-W. See Page 2 for additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools DL Wall Wash
Round Wall Wash

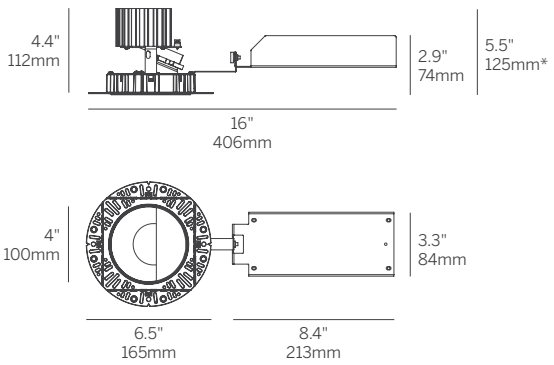
Dedicated Wall Wash Luminaire for Even Illumination of Vertical Surfaces

- 4" round downlight with 2" light aperture.
- 0.7" regressed aperture / lens providing asymmetric beam distribution optimized for even illumination of vertical surfaces.
- High-angle illumination.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Wet Location as standard option (WL).

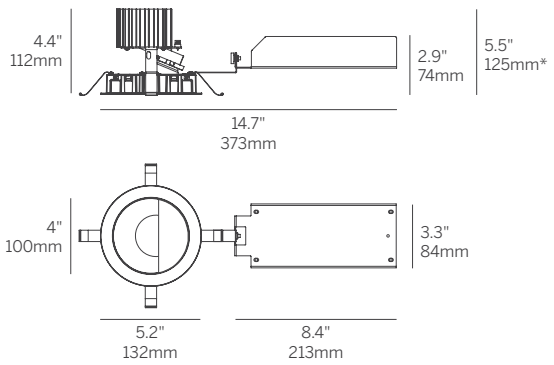
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Flush aperture with room-side cutoff and wall wash distribution
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	Satin spread lens (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation **Housing**	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DL Wall Wash
Round Wall Wash

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Finish	Options
WG-100RPTDLWW	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RWW	WWL	W S[5]	LP CP IC WL

Model
- WG-100RPTDLWW = 4" ProTools DL Wall Wash

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (267/371/499/699 lm)
- 930 = 3000K, (288/399/537/752 lm)
- 935 = 3500K, (288/399/537/752 lm)
- 940 = 4000K, (308/427/575/806 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RWW = Round Wall Wash

Lens
- WWL = Wall Wash Spread Lens

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Delivered lumen data shown for WG-100RPTDLWW-...-RWW-WWL-W. See Page 2 fof specsheet or additional details.
4 See power supply page for details.
5 Plaster trim version includes white frame and silver cover.

4" ProTools DLX Adjustable
Square Recessed Cone

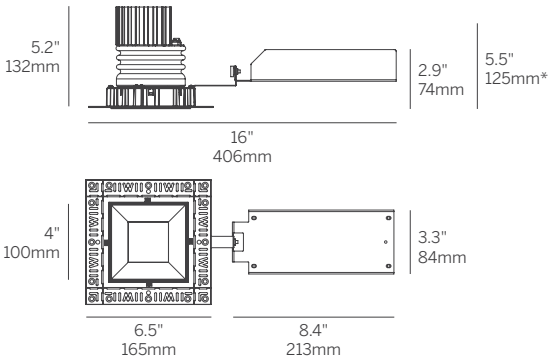
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

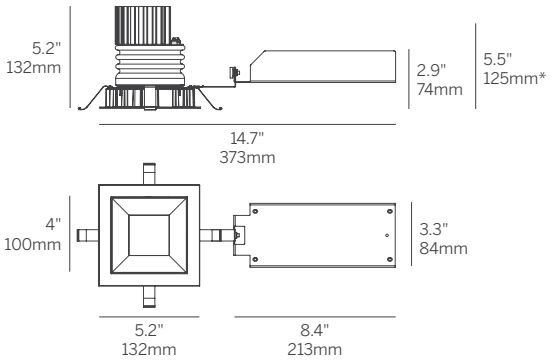
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRC = Square Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Recessed Cone - Narrow

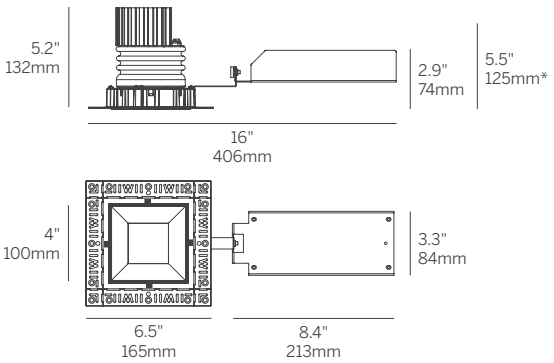
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam..
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

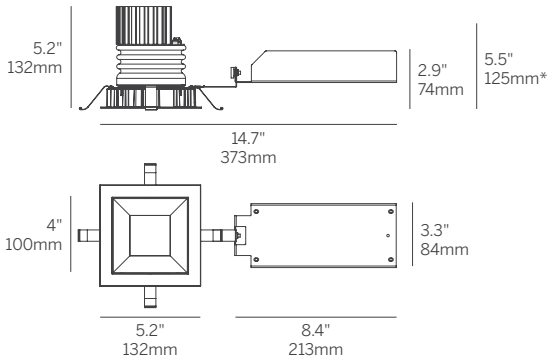
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Recessed Cone - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRC	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SRC = Square Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Recessed Cone - Zoom

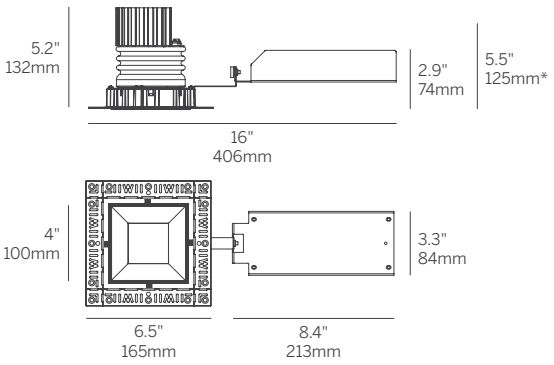
Zoom Beam With Pan And Tilt Adjustment From Regressed Source And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

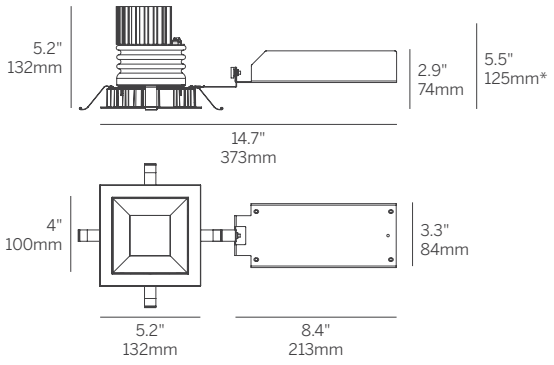
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spreads (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Recessed Cone - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRC	OA	13-48 (Zoom)	W S[5]	LP CP IC

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRC = Square Recessed Cone

Lens
- OA = Open Aperture

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown.
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Recessed Cone

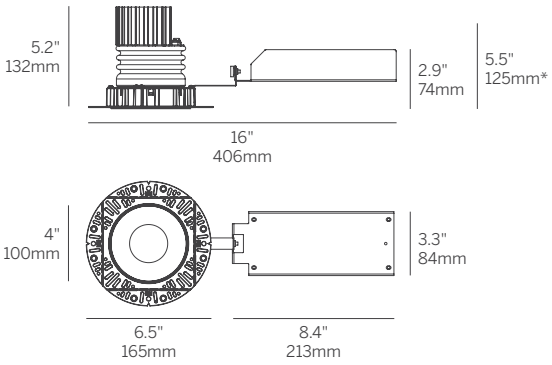
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 25°.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

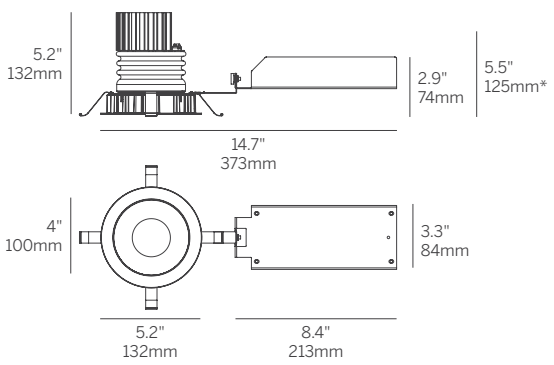
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Recessed Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRC = Round Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Recessed Cone - Narrow

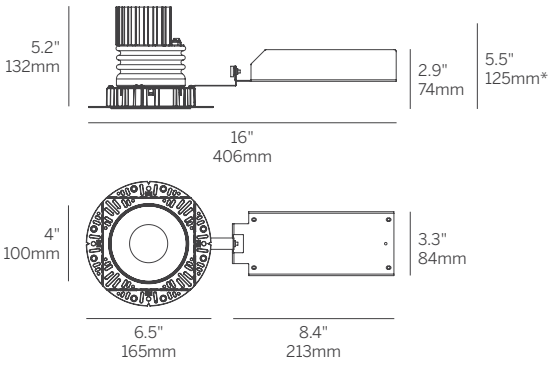
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

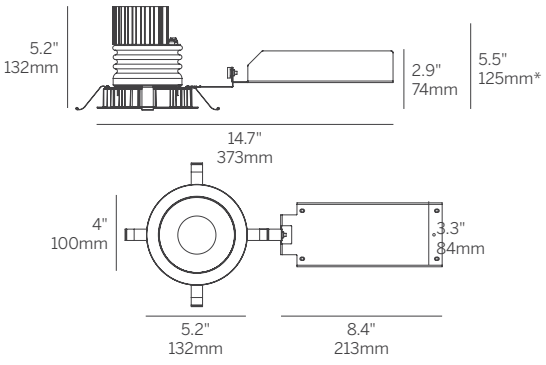
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Recessed Cone - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRC	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC WL

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- RRC = Round Recessed Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Recessed Cone - Zoom

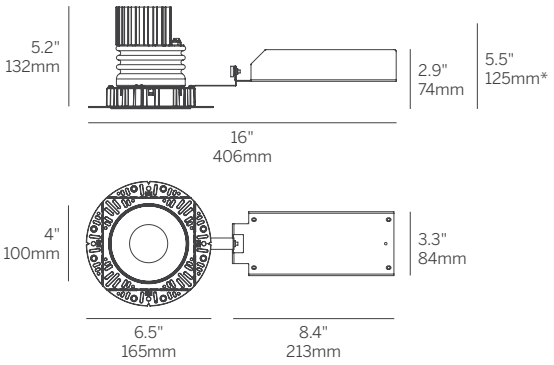
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

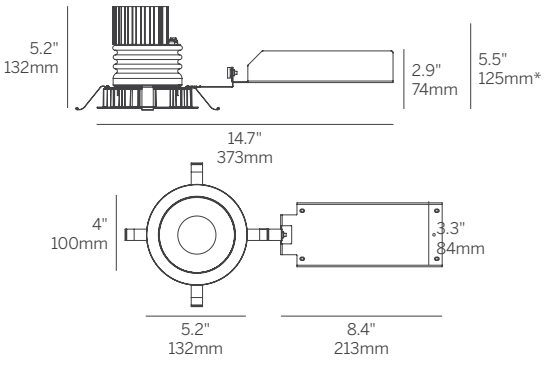
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round recessed cone - low brightness, general illumination
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spreads (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Recessed Cone - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRC	OA	13-48 (Zoom)	W S[5]	LP CP IC

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRC = Round Recessed Cone

Lens
- OA = Open Aperture

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown..
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Regressed Pinhole

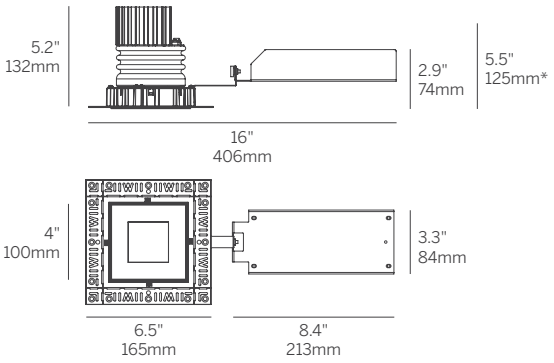
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 35°.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45°, rotation 365°, 144 step.

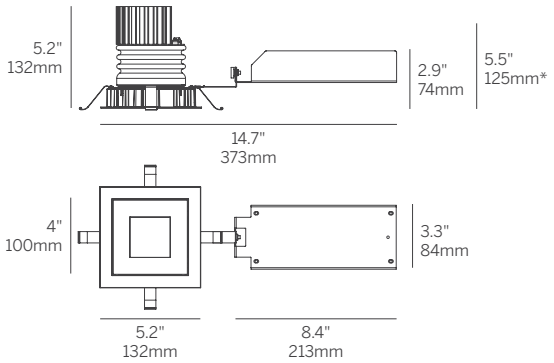
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRP	OA MPL RSC	16 32 41	W S[5]	LP CP IC

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRP = Square Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Regressed Pinhole - Narrow

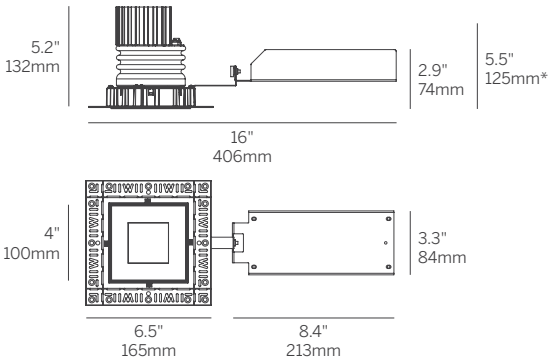
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

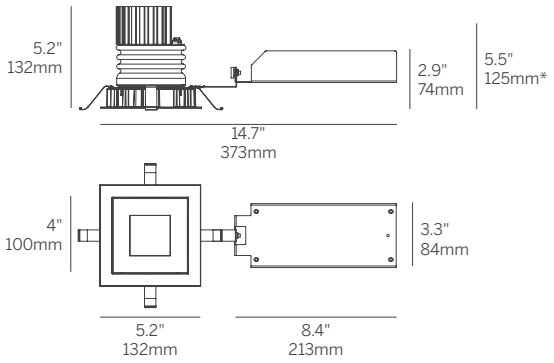
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation	Not required when using the Driver Enclosure
Housing	Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Regressed Pinhole - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SRP	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SRP = Square Recessed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Regressed Pinhole - Zoom

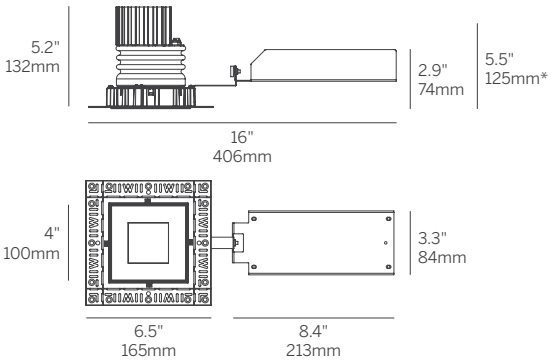
Zoom Beam With Pan And Tilt Adjustment From Regressed Source And Ceiling Void Light Leak Hood

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

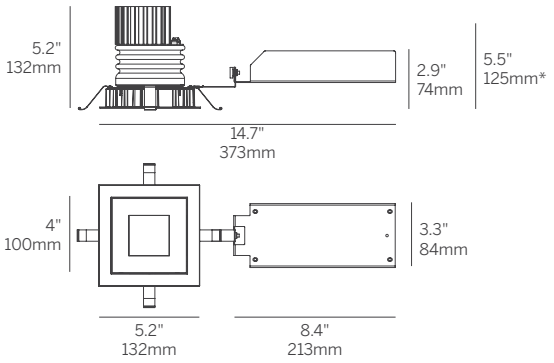
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Regressed Pinhole - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SRP	OA	13-48 (Zoom)	W S[5]	LP CP IC

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SRP = Square Recessed Pinhole

Lens
- OA = Open Aperture

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown.
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Regressed Pinhole

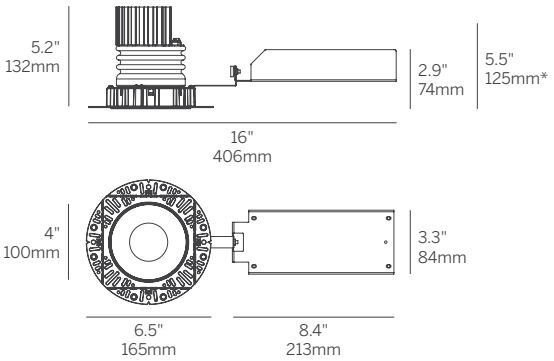
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various, Cut Off: 30°.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

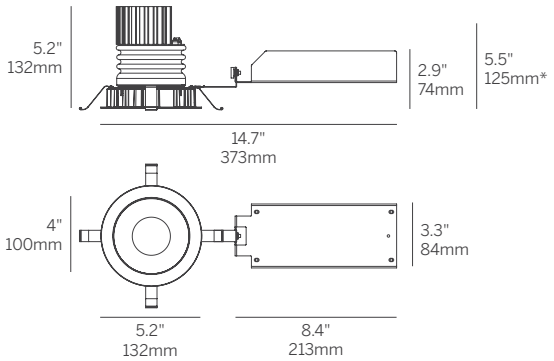
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Regressed Pinhole

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRP	OA MPL RSC	16 32 41	W S[5]	LP CP IC

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRP = Round Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Regressed Pinhole - Narrow

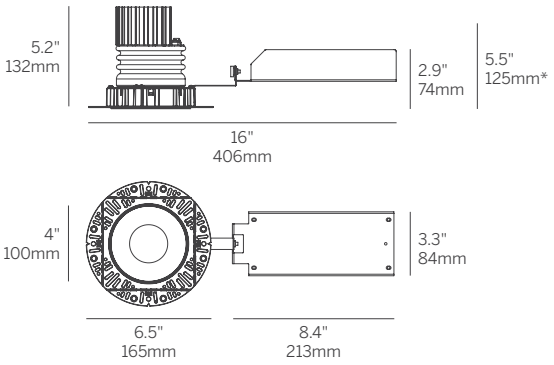
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

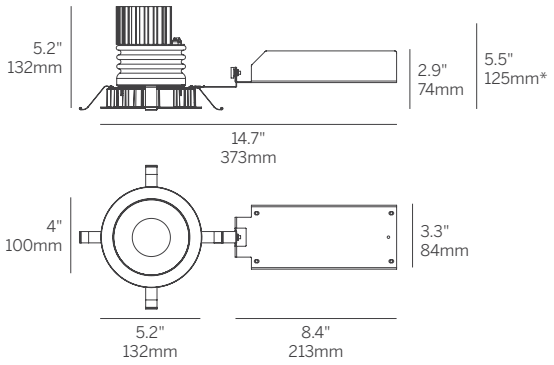
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Regressed Pinhole - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	RRP	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- RRP = Round Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Regressed Pinhole - Zoom

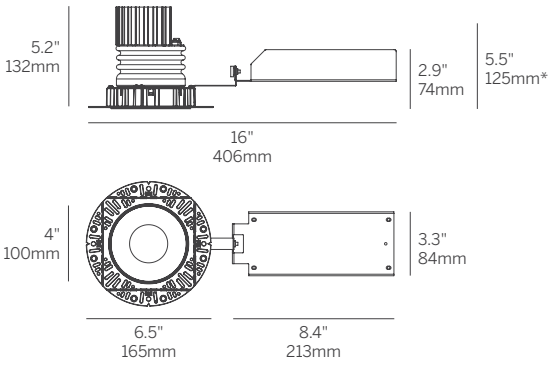
Full Featured With Accessory Holder And Ceiling Void Light Leak Hood

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 45º, rotation 365º, 144 step.

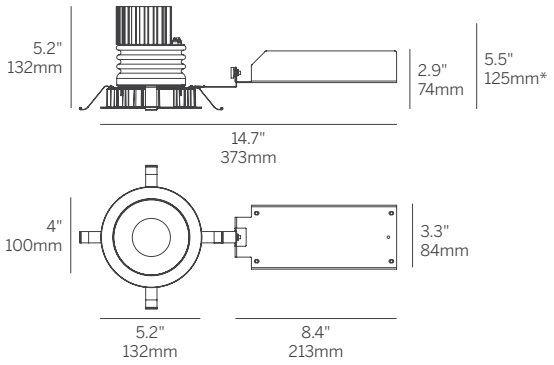
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round regressed pinhole - smallest apperture, maximum glare control
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Regressed Pinhole - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100RPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	RRP	OA	13-48 (Zoom)	W S[5]	LP CP IC

Model
- WG-100RPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- RRP = Round Regressed Pinhole

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown.
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Asymmetric Cone

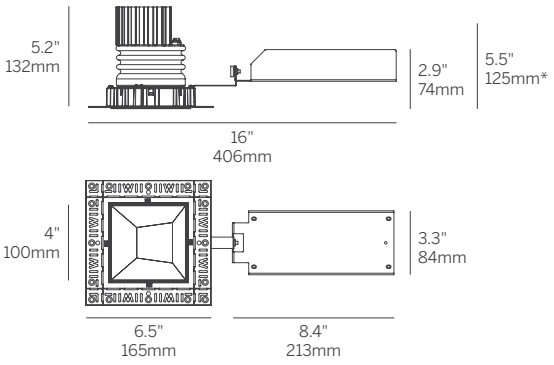
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

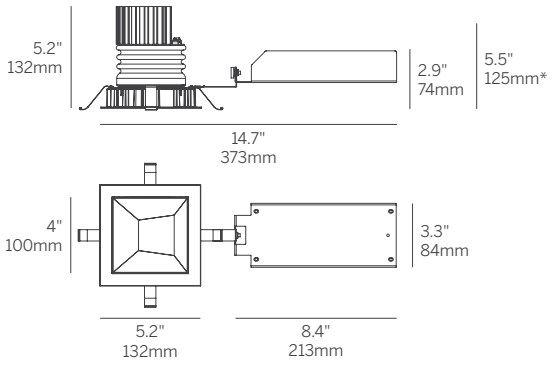
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Asymmetric Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SAC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Asymmetric Cone - Narrow

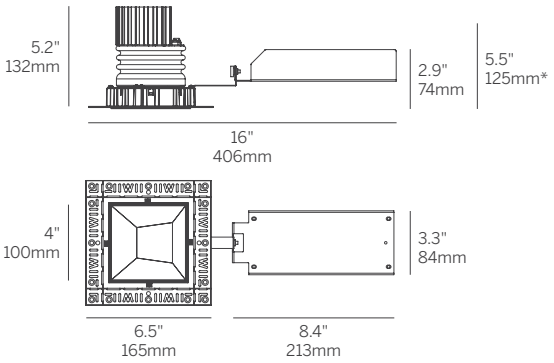
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

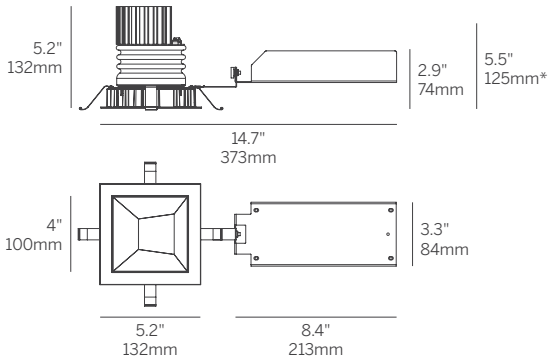
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Asymmetric Cone - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Square Asymmetric Cone - Zoom

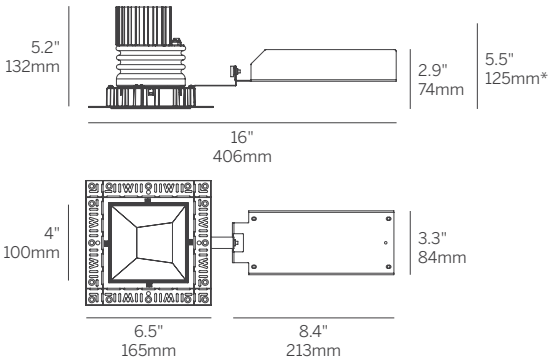
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" square downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, rotation 365º, 144 step.

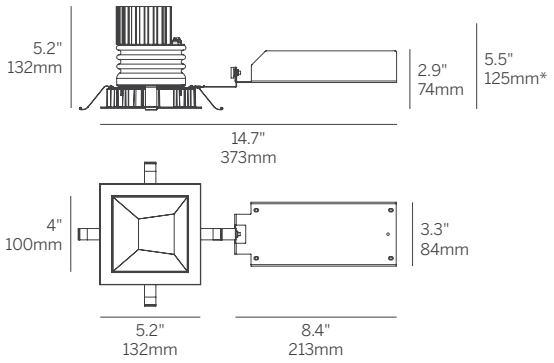
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Square asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Square Asymmetric Cone - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SAC	OA M	13-48 (Zoom)	W S[5]	LP CP IC

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown.
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Asymmetric Cone

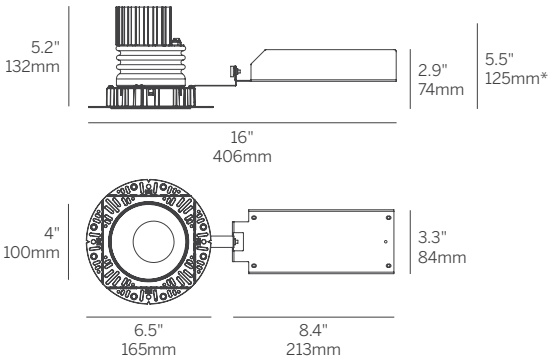
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- Beam Angle: Various
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, Rotation 365º, 144 step.
- Wet Location option as standard (WL).

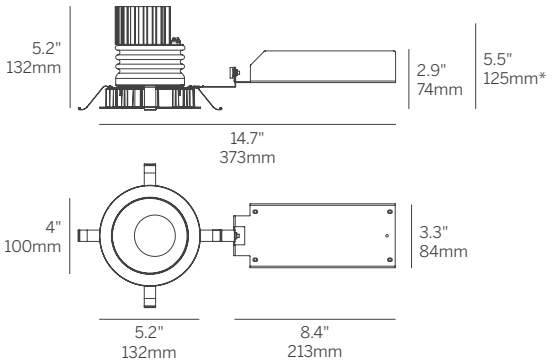
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	16, 32 and 41 degree beam spreads
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Asymmetric Cone

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SAC	OA MPL RSC	16 32 41	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 5.7W @ 350mA
- M = Mid Power, 8.4W @ 500mA
- H = High Power, 12W @ 700mA
- XH = Extra High Power, 17.8W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (720/999/1344/1884 lm)
- 930 = 3000K, (775/1075/1447/2027 lm)
- 935 = 3500K, (775/1075/1447/2027 lm)
- 940 = 4000K, (830/1151/1549/2171 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 16 = 16° Beam Angle
- 32 = 32° Beam Angle
- 41 = 41° Beam Angle

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Asymmetric Cone - Narrow

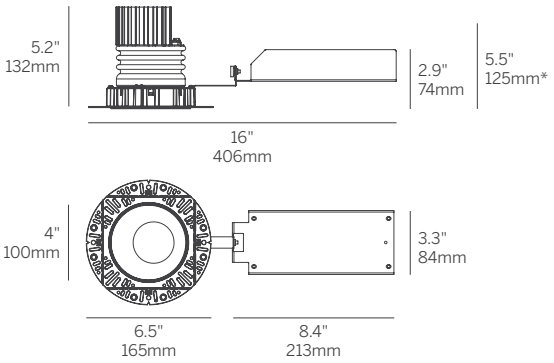
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 8 degree very narrow beam.
- Open aperture, clear lens or optical accessory lenses.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, rotation 365º, 144 step.
- Wet Location option as standard (WL).

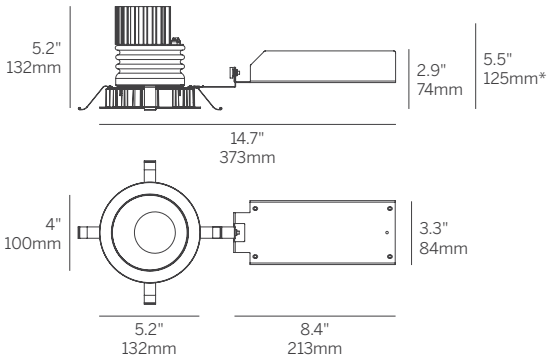
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K
Beam	8 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE, Wet Location rated



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Asymmetric Cone - Narrow

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH	927 930 935 940	X S D010 PEQ1 PEQ0 DFPN	SAC	OA MPL RSC	8 (Narrow)	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 8 = 8° Beam Angle (Narrow) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing
- WL = Wet Location (not available with open aperture)

Optical Accessory Holder

Up to 3 lenses and/or accessories can be added to the Optical Accessory Holder
- HX = Hex Louver
- FG = Frosted Glass
- LS = Linear Spread Lens
- SOL = Solite Lens

Whitegoods reserves the right to change any information without prior notice.

Notes
1. Other lumen packages available, consult factory.
2. Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3. Source lumens shown.
4. See power supply page for details.
5. Plaster trim version includes white frame and gray cover.

4" ProTools DLX Adjustable
Round Asymmetric Cone - Zoom

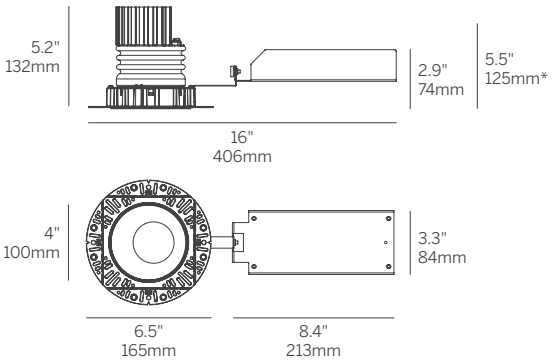
Asymmetric Cover For Minimum Beam Clipping
With Wider Angle Optics And Higher Angle Focusing

- 4" round downlight with 2" light aperture.
- Regressed aperture / lens position provides good glare control.
- 13-48 degree zoom.
- Open aperture.
- No light leak or view into ceiling void from below due to a unique light leak hood.
- Luminaire and driver installed and maintained from below the ceiling.
- Mounts in 1/16" to 1" surface.
- Tunable White and Warm Dim.
- Modular interchangeability throughout the entire ProTools range of products.
- Tilt 35º, rotation 365º, 144 step.

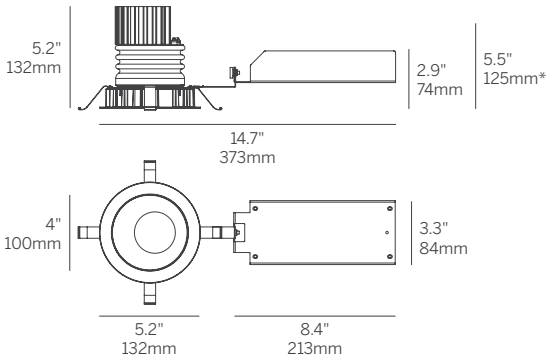
Recessed Plaster Trim

Recessed Bezel Trim

Housing	Die-caste aluminum for precision fit and heat dissipation Mounting hardware for all ceiling types; trim and trimless EZ clip mounting for secure installation Snap-in cover Trimless housing with Quik-Snap feature allows endless multiple combinations without specialized housings
Covers	Round asymmetric cone with minimal ceiling interruption
LED	90+ CRI Low/Medium/High/Extra High output choices 2700K, 3000K, 3500K, 4000K Tuneable White from 1800K - 4000K Warm Dim from 1800 - 3000K
Beam	13-48 degree beam spread (TIR Optic)
Driver	Integral and remote drivers for all dimming and non-dimming applications Through-wire integral driver enclosure installed from below without the need for bulky housing POE driver compatibility
Installation Housing	Not required when using the Driver Enclosure Optional: IC and Chicago plenum Optional: new construction (with j-box and driver attached) Optional: Landing pan for use with Driver Enclosure to locate cut-out locations
Warranty	5-year Limited (see complete company warranty information)
Certifications	ETL and ETL-C for dry and damp location, CE



Plaster Trim



Bezel Trim

*Minimum of 5.5" (127mm) ceiling void is required to install the integral driver from below the ceiling.

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4" ProTools DLX Adjustable
Round Asymmetric Cone - Zoom

Model	Fixation	Power[1,2]	CRI/ CCT[3]	Driver[4]	Cover	Lens	Beam	Finish	Options
WG-100SPTDLX	RPT RBT	L M H XH TW WD	927 930 935 940 TW WD	X S D010 PEQ1 PEQ0 DFPN TW WD	SAC	OA	13-48 (Zoom)	W S[5]	LP CP IC WL

Model
- WG-100SPTDLX = 4" ProTools DLX Adjustable

Fixation
- RPT = Recessed Plaster Trim
- RBT = Recessed Bezel Trim

Power[1,2]
- L = Low Power, 4W @ 350mA
- M = Mid Power, 5.8W @ 500mA
- H = High Power, 8.4W @ 700mA
- XH = Extra High Power, 13W @ 1050mA
- TW = 9W @ 500mA
- WD = 0.4 - 11.8W @ 350mA

CRI/CCT[3]

90+ CRI (Low/Medium/High/Extra High)
- 927 = 2700K, (360/480/630/850 lm)
- 930 = 3000K, (380/510/670/910 lm)
- 935 = 3500K, (380/510/670/910 lm)
- 940 = 4000K, (410/560/730/980 lm)
- TW = Tunable White 1800 - 4000K, (610 - 1060 lm)
- WD = Warm Dimming 1800 - 3000K, (31 - 1150 lm)

Driver[4]
- X = Remote driver, ordered separately
- S = Standard non-dim driver, 120-277V
- D010 = EldoLED, 1%, 0-10V Driver, 120-277V
- PEQ1 = Lutron Hi-lume 1% EcoSystem, 120-277V
- PEQ0 = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1% 120VAC
- TW = EldoLED, 0.1%, DALI dimming (TW), 120-277V
- WD = EldoLED, 0.1%, 0-10V dimming (WD), 120-277V

Cover
- SAC = Square Asymmetric Cone

Lens
- OA = Open Aperture
- MPL = Micro-prismatic Lens
- RSC = Satin Clear

Beam
- 13-48 = 13-48° Beam Angle (Zoom) (TIR Optic)

Finish
- W = White, 15% gloss, RAL9003 (standard)
- S = Silver, 15% gloss[5]

Options

ProTools downlights require no additional options kits for remodel & new construction
- LP = Landing Pan
- CP = Chicago Plenum Housing
- IC = IC/NC Housing

Whitegoods reserves the right to change any information without prior notice.

Notes
1 Other lumen packages available, consult factory.
2 Wattage shown does not include power supplies/drivers. System wattage adds 10-20%.
3 Source lumens shown.
4 See power supply page for details.
5 Plaster trim version includes white frame and gray cover.

Design Guide

We have provided performance data and characteristics for Whitegoods luminaires, as well as providing expected light levels for typical scenarios based on set parameters. The results are intended as a handy reference to help the specifier plan their project quickly, efficiently and with confidence.

We have taken the most common uses of each luminaire type, set distances and heights based on typical situations and calculated the results. Then, we vary the parameters a little either way so that you can decide for yourself the best option for your particular requirement.

4" ProTools Single Downlight - Performance

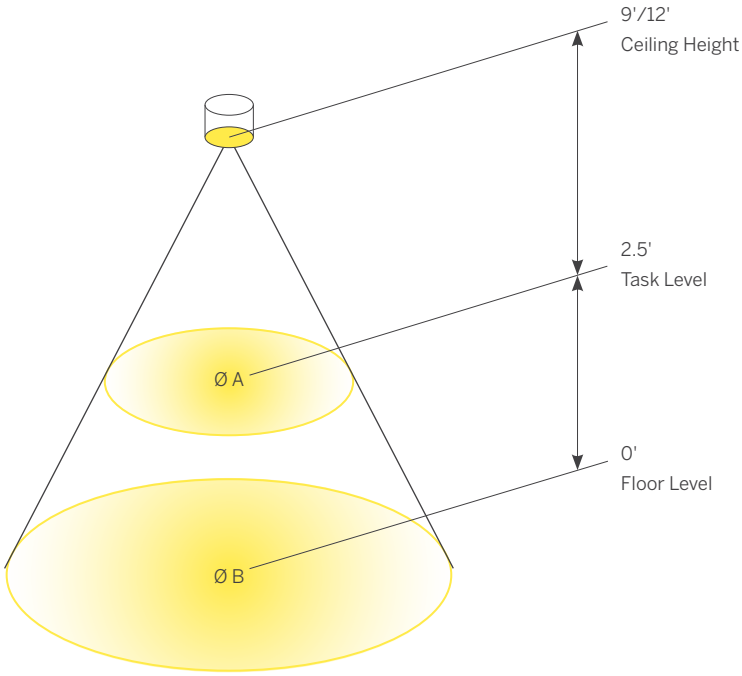
WG 100SPTD, WG 100RPTD, WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100RPTDLX

The ProTools series offers Plaster Trim and Bezel Trim fixed, wall wash and adjustable downlights with various cover options and accessories creating a flexible and versatile range of luminaires with a single consistent minimal appearance throughout.

A downlight can be used to deliver general light over a broad area, or a focused beam of concentrated light. Suitable for general area lighting in single units, grid patterns or groups as well as focused lighting and task oriented application.

This design guide provides the average light levels and beam spread which can be expected at task and floor level from a single downlight at the ceiling heights shown, and relative to the performance of each luminaire.

Average Light Levels



The diagram shows the average light level achieved, across an area the size shown, at the given distance from a single luminaire.

Product Code	Beam Spread
WG 100SPTD, WG 100RPTD	- 90°
WG 100SPTDL, WG 100RPTDL	- 16°
	- 32°
	- 41°
WG 100RPTDLX, WG 100RPTDLX	- 16°
	- 32°
	- 41°
	- 8°

4" ProTools D Downlight
All Covers
Product Details 26-37

4" ProTools DL Downlight
All Covers
Product Details 38-45

4" ProTools DL Adjustable
All Covers
Product Details 46-57

4" ProTools DLX Adjustable
All Covers
Product Details 62-97

Refer to the diagram on the left, select your luminaire, ceiling height and distance, and read off the light level achieved in the table below.

Calculated on the following basis:

Reflectances
Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor
1.0

LED
High Power
3000 Kelvin
90 CRI

How to create 'Even Illumination' in a space:

The beam angle of a single luminaire is defined by its Half Peak Intensity*. We can use this to create even illumination in a space.

Arrange luminaires equally. Use the center of the luminaire as a base and ensure that neighboring beam spreads touch or slightly overlap.

*The point at which the beam reaches half of the intensity relative to the center of its beam.

Calculation Results

Fixtures	Power	Beam	Accessory	Ceiling Height	Ø A	Task Level (2.5') Average	Ø B	Floor Level (0') Average
WG 100SPTD, WG 100RPTD	1512lm*	90°	Flush Lens	9.0' 12.0'	Ø 13' Ø 19'	6.4 fc 3.1 fc	Ø 18' Ø 24'	3.7 fc 2.1 fc
WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100RPTDLX	2027lm*	16°	Open Aperture	9.0' 12.0'	Ø 1.8' Ø 2.7'	102 fc 49 fc	Ø 2.5' Ø 3.4'	54 fc 31 fc
		32°	Open Aperture	9.0' 12.0'	Ø 4.2' Ø 6.2'	33 fc 16 fc	Ø 5.8' Ø 7.8'	18 fc 11 fc
		41°	Open Aperture	9.0' 12.0'	Ø 5' Ø 7.1'	24 fc 12 fc	Ø 6.7' Ø 8.9'	13 fc 8 fc
WG 100SPTDLX, WG 100SPTDLX	1638lm*	8°	Glare Shield/ Snoot	9.0' 12.0'	Ø 0.9' Ø 1.3'	277 fc 132 fc	Ø 1.2' Ø 1.7'	149 fc 82 fc

Values in Foot Candles

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*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

4" ProTools Multiple Downlight - Grid Set Out

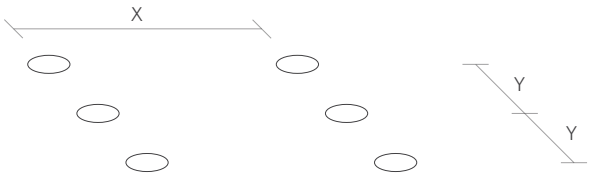
WG 100SPTD, WG 100RPTD, WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100RPTDLX

Plaster Trim and Bezel Trim fixed, wall wash and adjustable downlights with various cover options and accessories creating a flexible and versatile range of luminaires with a single consistent minimal appearance throughout.

A downlight can be used to deliver general light over a broad area, or a focused beam of concentrated light. Suitable for general area lighting in single units, grid patterns or groups as well as focused lighting and task oriented application.

This design guide provides the average light levels which can be expected at floor level from a grid of downlights at the ceiling heights shown, and relative to the performance of each luminaire.

Light Levels



The diagram and table can be read to establish light levels achieved when luminaires are set out at the dimensions indicated, at the ceiling heights shown.

Product Code	Beam Spread	
WG 100SPTD, WG 100RPTD	-	90°
WG 100SPTDL, WG 100RPTDL	-	32°
	-	41°
WG 100SPTDLX, WG 100RPTDLX	-	32°
	-	41°

X = luminaire spacing center to center
Y = distance between rows

4" ProTools D Downlight
All Covers

Product Details 26-37

4" ProTools DL Downlight
All Covers

Product Details 38-45

4" ProTools DL Adjustable
All Covers

Product Details 46-57

4" ProTools DLX Adjustable
All Covers

Product Details 62-97

Refer to the diagram on the left, select your luminaire, ceiling height and set out, and read off the light level achieved in the table below.

Calculated in a 20'x20' room size and on the following basis:

Reflectances
Ceiling 70%
Walls 50%
Floor 20%

Maintenance factor
1.0

LED
High Power
3000 Kelvin
90 CRI

Calculation Results

Fixtures	Power	Beam	Accessory	Ceiling Height	Y	X Average Light Levels (fc)		
						4.0'	6.0'	8.0'
WG 100SPTD, WG 100RPTD	1512lm*	90º	Flush Lens	9.0'	**4.0'**	46	38	34
					6.0'	38	32	28
					8.0'	34	28	25
				12.0'	**4.0'**	35	30	27
					6.0'	30	27	23
					8.0'	27	23	21
WG 100SPTDL, WG 100RPTDL, WG 100SPTDLX, WG 100RPTDLX	2027lm*	32º	Open Aperture	9.0'	**4.0'**	33	32	29
					6.0'	32	30	28
					8.0'	30	28	26
				12.0'	**4.0'**	30	29	27
					6.0'	29	28	26
					8.0'	27	26	24
		41º	Open Aperture	9.0'	**4.0'**	32	31	28
					6.0'	30	29	27
					8.0'	28	27	25
				12.0'	**4.0'**	29	28	25
					6.0'	28	26	24
					8.0'	25	24	22

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Values in Foot Candles

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

4" ProTools D Downlight - High Angle Illumination

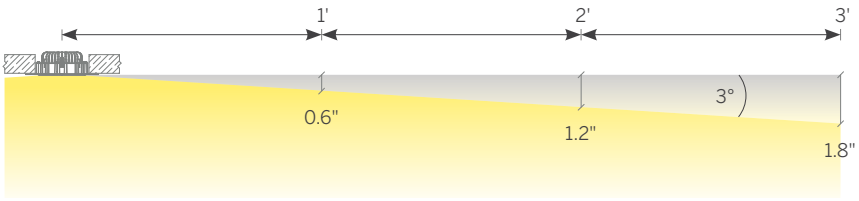
WG 100SPTD, WG 100RPTD

The ProTools D is a versatile luminaire with various trim, diffuser and cover options. When specified with a flush Satin Opal Diffuser, it has excellent high angle lighting performance. Although it is not intended as a dedicated wall wash luminaire, it can provide excellent illumination to nearby vertical surfaces as well as providing excellent ambient light throughout a space.

In this Design Guide, we provide you with all the information you need to work out exactly how much light can expect to deliver to a wall and floor below, relative to the distance from the surface and the center to center spacings of the luminaires.

Angle of Illumination / High Angle Lighting Performance

WG 100SPTD, WG 100RPTD



The diagrams show the point at which the contrast between the lit and the unlit perpendicular surface occurs as a soft transition line, at various distances from the luminaire.

Values in feet & inches

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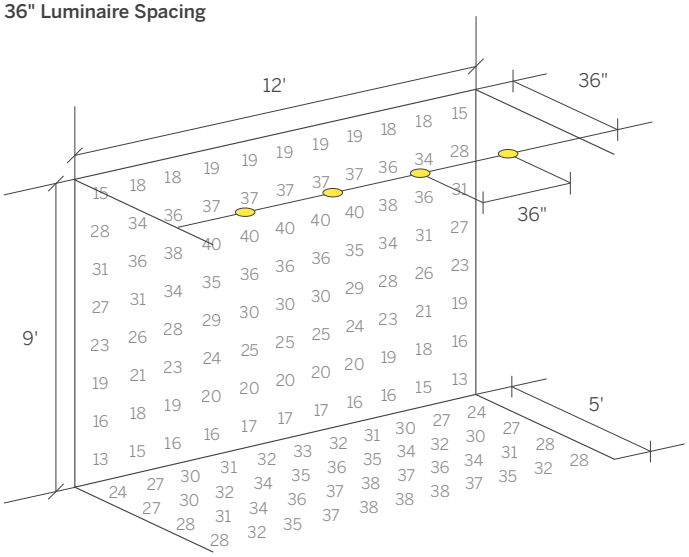
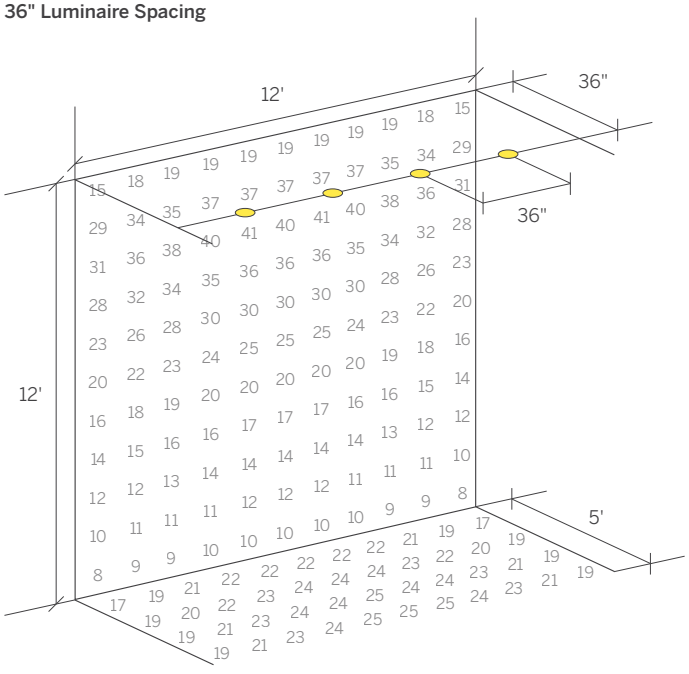
4" ProTools D Downlight
All Covers

Product Details 26-37

9' Ceiling, Typical 36" Offset,
36" Luminaire Spacing



12' Ceiling, Typical 36" Offset,
36" Luminaire Spacing



Values in Foot Candles

This page shows typical offsets and luminaire spacings and the resulting illumination which can be expected on the wall and floor. The following page shows results at different offsets and luminaire spacings.

Calculated on the following basis:

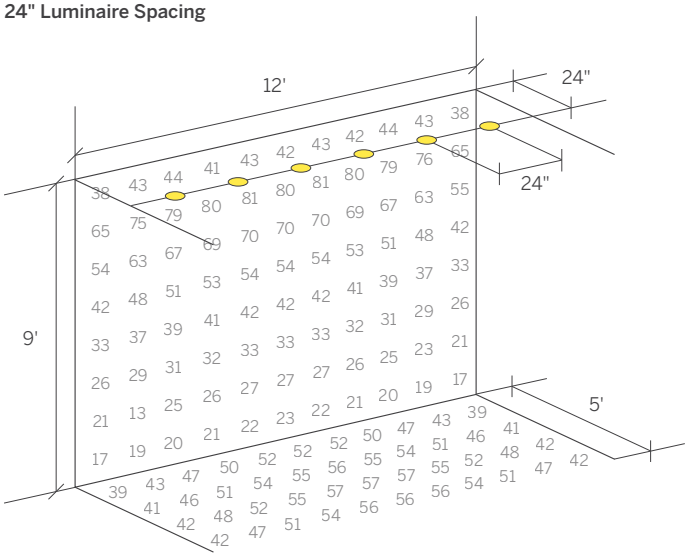
Reflectances	**Maintenance Factor**	**LED**	**Diffuser**
Ceiling 70%	1.0	1512lm*	Custom Micro-Prismatic
Walls 50%			Wash Lens
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

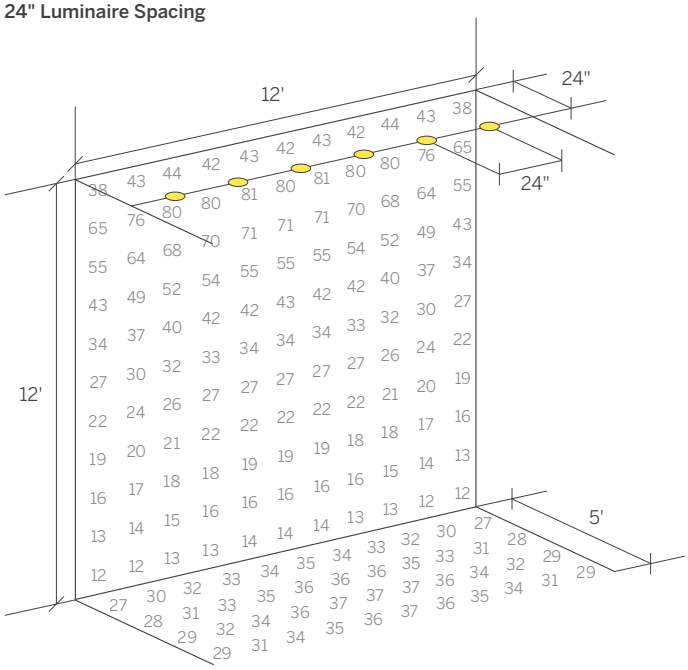
4" ProTools D Downlight - High Angle Illumination

WG 100SPTD, WG 100RPTD

9' Ceiling, Optimal 24" Offset,
24" Luminaire Spacing



12' Ceiling, Optimal 24" Offset,
24" Luminaire Spacing



Values in Foot Candles

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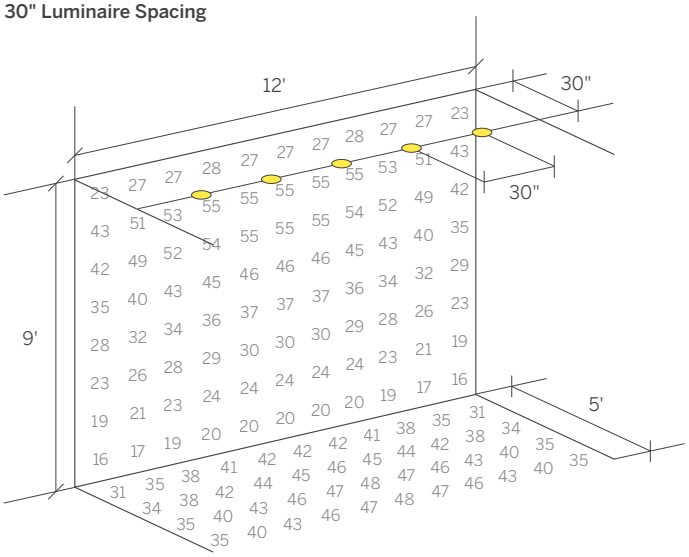
4" ProTools D Downlight
All Covers

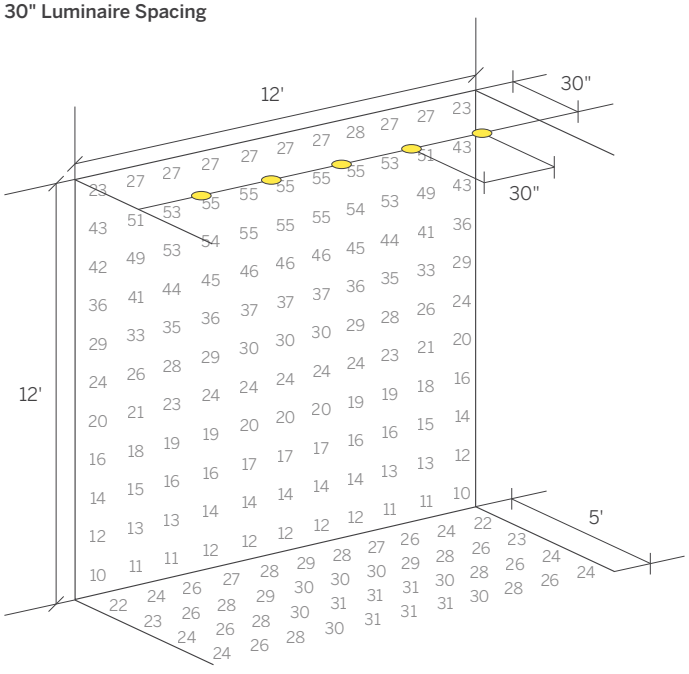
Product Details 26-37

This page shows what we feel are the optimal offsets and luminaire spacings to achieve even illumination.

9' Ceiling, Optimal 30" Offset, 30" Luminaire Spacing



12' Ceiling, Optimal 30" Offset, 30" Luminaire Spacing



Values in Foot Candles

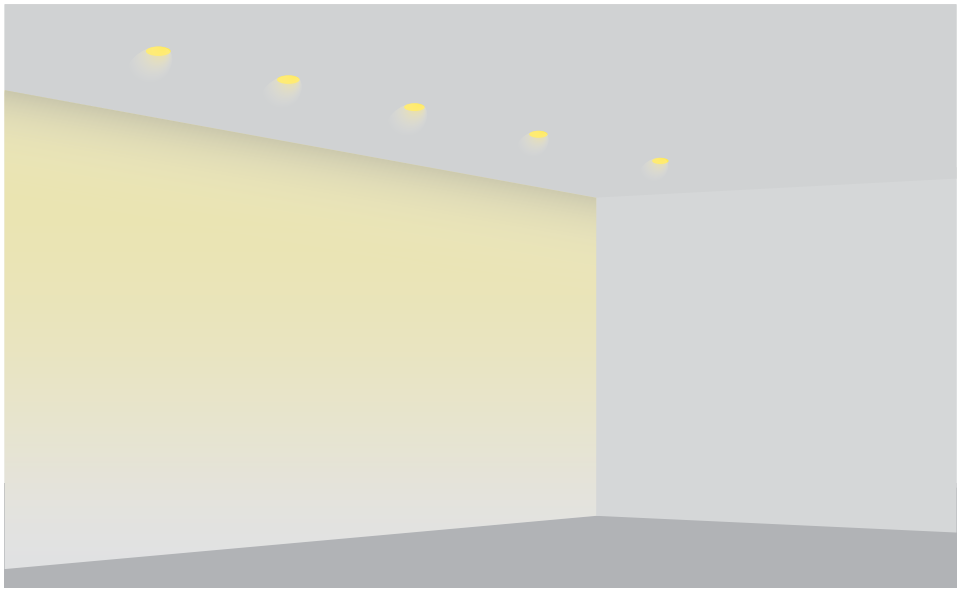
Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	1512lm*	Custom Micro-Prismatic
Walls 50%			Wash Lens
Floor 20%			

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

4" ProTools DL Wall Wash

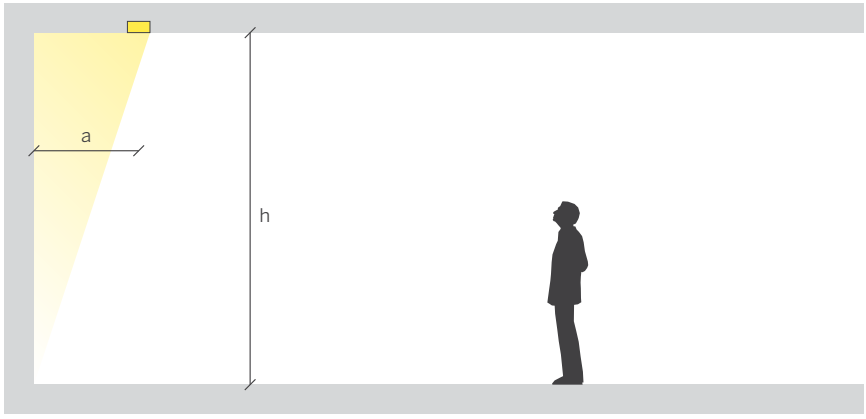
WG 100SPTDLWW-RPT, WG 100SPTDLWW-RBT, WG 100RPTDLWW-RPT, WG 100RPTDLWW-RBT



ProTools DL Wall Wash offers round and square dedicated wall wash luminaires for even illumination of a surface. They emit a wide, even beam of light which is directed towards the wall. Washlights need to be correctly positioned, both in terms of distance from the wall, and their relative distance to one another. This guide will help you get the best result.

The golden rule is 1:1 spacing between luminaires, set to match the distance they are offset from the surface to be lit. And that offset distance should ideally be one third of the overall surface height.

Of course, at Whitegoods we understand that constraints of modern construction requirements and commercial consideration mean that it is not always practical to apply these parameters. Therefore we have designed our wall wash luminaires to work as well as possible even when mounted close to the wall.

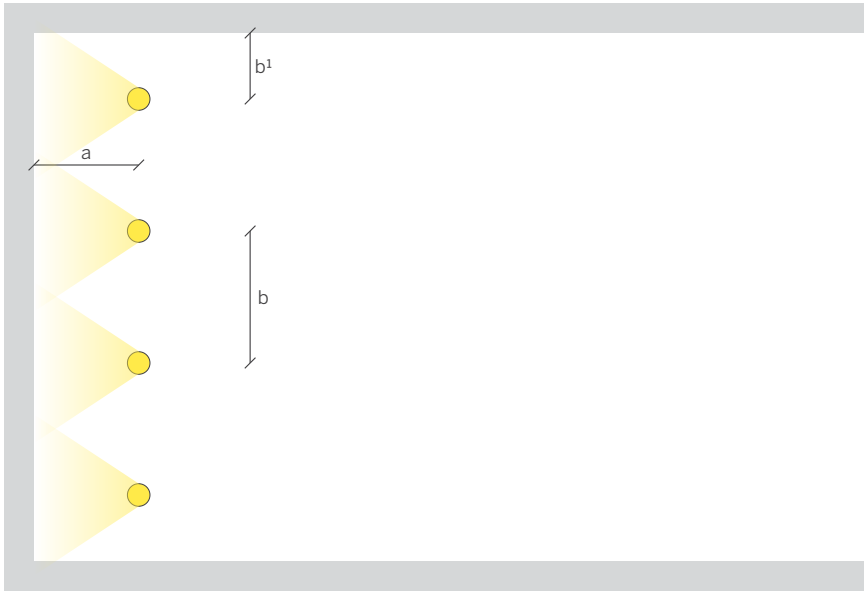


The height of the wall to be lit (h) will determine the best distance at which to position wall wash luminaires. A good 'rule of thumb' is to offset them by approximately one third of the wall height.

For optimum wall washing results use a 1:1 ratio between the offset (a) from the wall and the 'on center' luminaire spacings (b).

e.g. - if the wall is 9' high, then the luminaires will ideally be 3' away from the wall surface, so set them out at 3' on center - i.e. with 3' between each luminaire.

Also, where the wall meets an adjacent surface, space the last luminaire half the set out distance (b^1).



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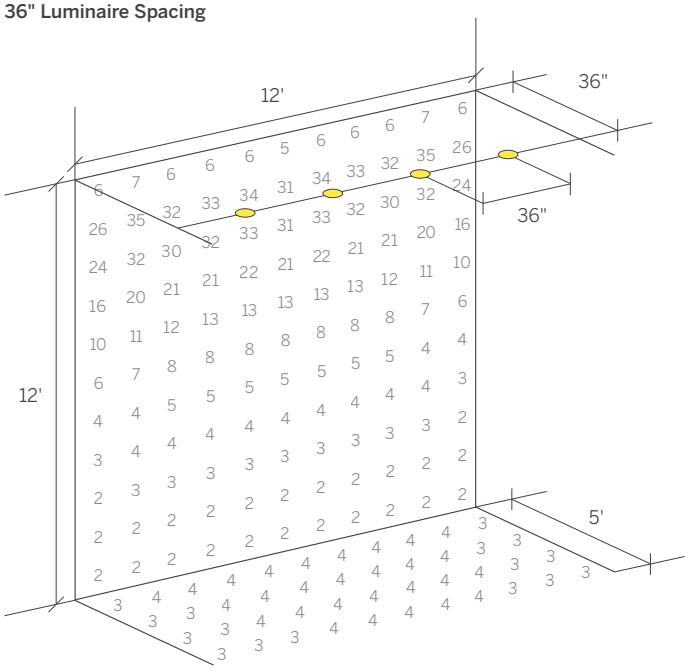
4" ProTools DL Wall Wash
All Covers

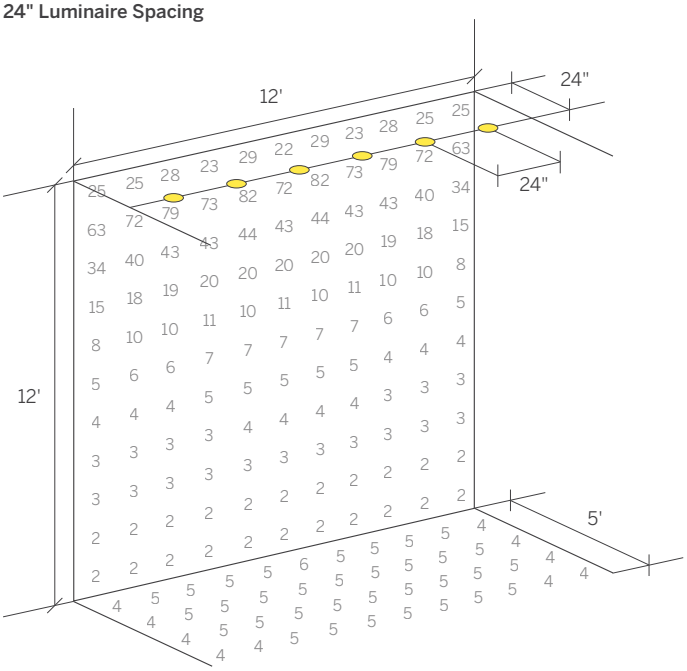
Product Details 58-61

This page shows what we feel are the optimal offsets and luminaire spacings to achieve even illumination. The following page shows results at different offsets and luminaire spacings.

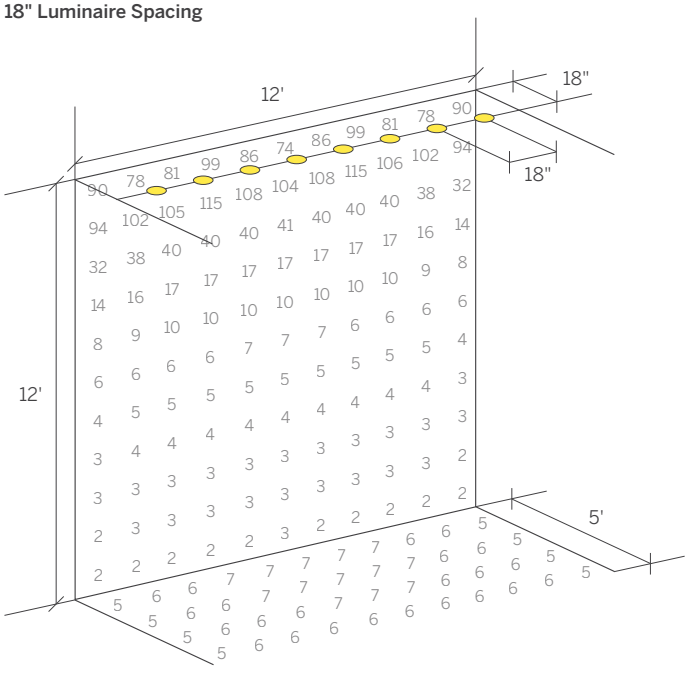
12' Ceiling, 36" Offset,
36" Luminaire Spacing



12' Ceiling, 24" Offset,
24" Luminaire Spacing



12' Ceiling, 18" Offset,
18" Luminaire Spacing



Values in Foot Candles

Calculated on the following basis:

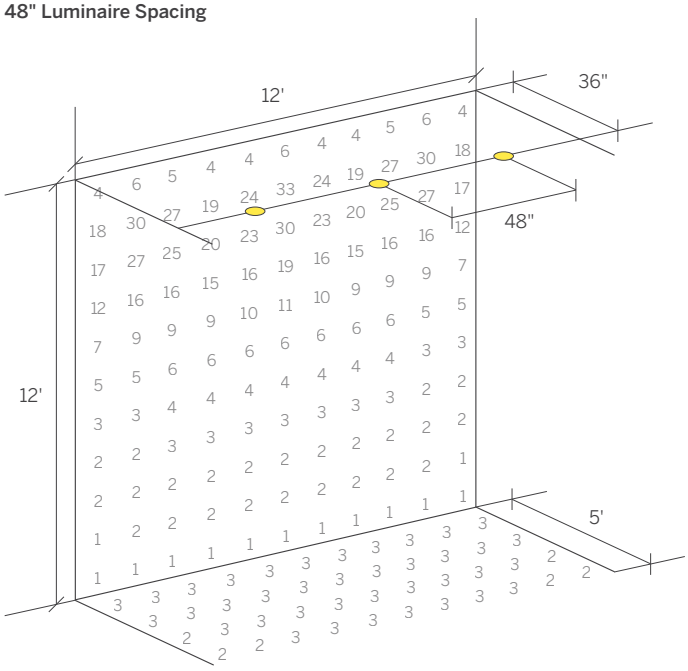
Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	2027lm*	Custom Micro-prismatic
Walls 50%		3000 Kelvin	wash lens
Floor 20%		90 CRI	

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

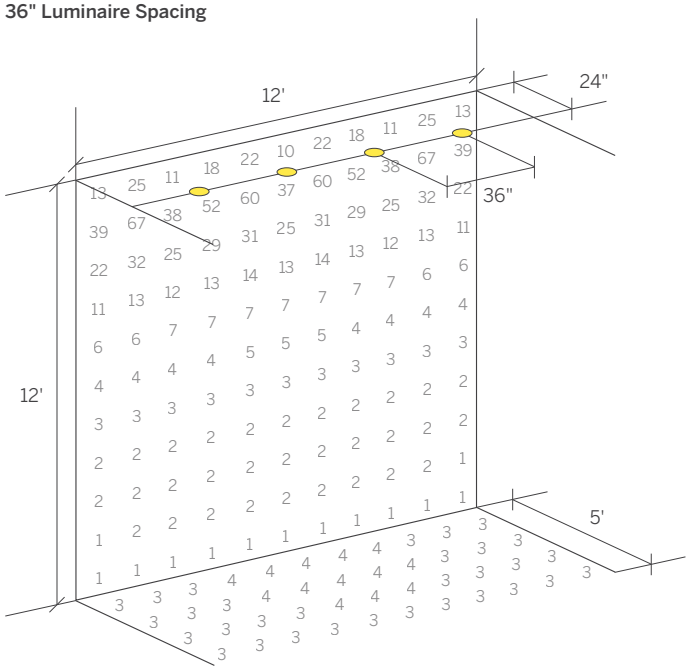
4" ProTools DL Wall Wash

WG 100SPTDLWW-RPT, WG 100SPTDLWW-RBT, WG 100RPTDLWW-RPT, WG 100RPTDLWW-RBT

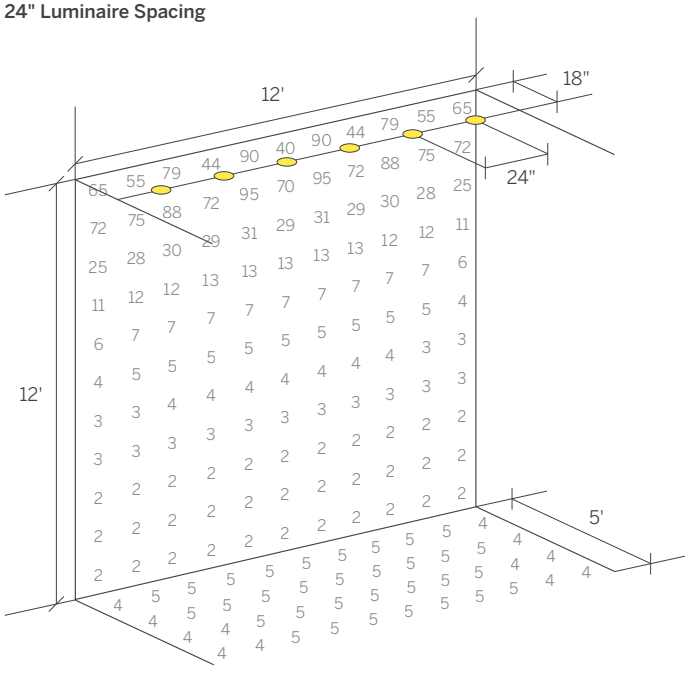
12' Ceiling, 36" Offset,
48" Luminaire Spacing



12' Ceiling, 24" Offset,
36" Luminaire Spacing



12' Ceiling, 18" Offset,
24" Luminaire Spacing



Values in Foot Candles

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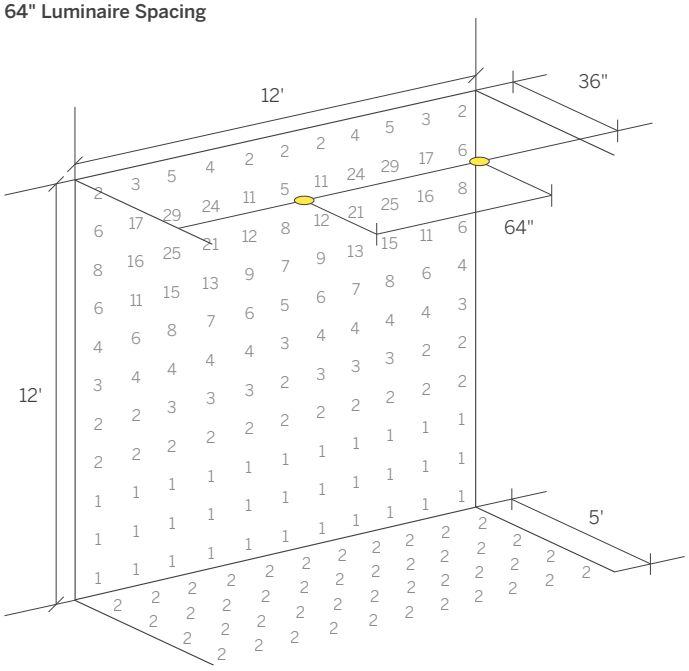
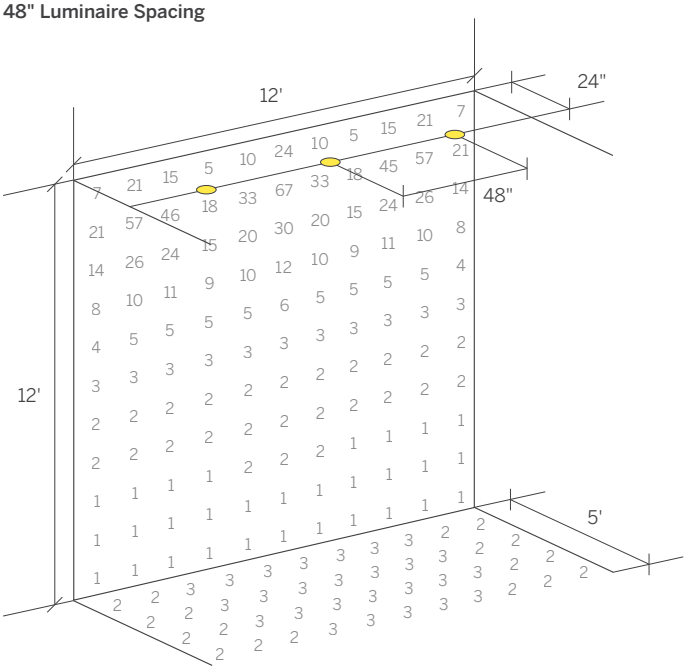
4" ProTools DL Wall Wash
All Covers

Product Details 58-61

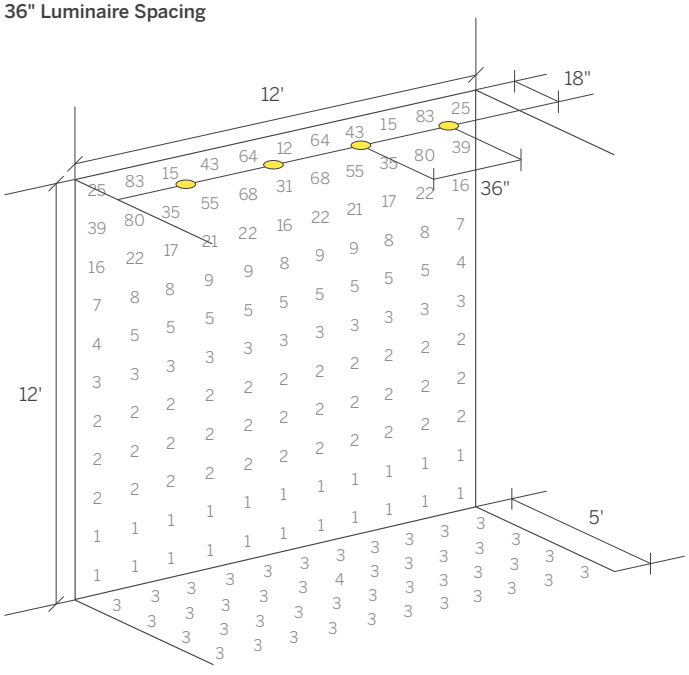
12' Ceiling, 36" Offset,
64" Luminaire Spacing



12' Ceiling, 24" Offset,
48" Luminaire Spacing



12' Ceiling, 18" Offset,
36" Luminaire Spacing



Values in Foot Candles

Calculated on the following basis:

Reflectances	Maintenance Factor	LED	Diffuser
Ceiling 70%	1.0	2027lm*	Custom Micro-prismatic
Walls 50%		3000 Kelvin	wash lens
Floor 20%		90 CRI	

*Lumen data correct at the time of print. Source lumens shown. For up to date lumen data refer to specsheet.

Photo Credits

page inside cover-1

project	Robert L. Bogomolny Library
location	Baltimore, MD
architect	Behnisch Architekten
lighting design	MCLA
photography	David Mattiessen Photography

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project	NCARB
location	Washington, DC
architect	OTJ Architects
photography	Trent Bell

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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
photography	Steve Lerum, Inter-lux

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project	BMW Paris George V
location	Paris, France
architect	Carbondale
lighting design	Mindseye
photography	Roland Halbe

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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
photography	Steve Lerum, Inter-lux

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project	Senova Dental Practice
location	London, UK
architect	FLACQ Architects
photography	Andy Spain

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project	Rockville Town Center
location	Rockville, MD
architect	R2L:Architects, PLLC
photography	Steve Lerum, Inter-lux

page inside back cover

project	Robert L. Bogomolny Library
location	Baltimore, MD
architect	Behnisch Architekten
lighting design	MCLA
photography	David Mattiessen Photography

The application of light to the surfaces around us is a critical factor in our perception of any space.

When proper consideration is given to the architecture, function and the desired atmosphere, lighting can become a truly integrated part of the overall environment being created, often unseen although defining and enhancing the space.