1.5" ProTools Downlights

whitegoods

1.5" ProTools Downlights

A complete Family of 1.5" aperture downlights

- General illumination allows 6' spacing on 9' ceiling height for 15+FC maintained.
- Very small-aperture, low-brightness downlight for general and accent illumination.
- High-lumen output and excellent color rendition for all applications.
- Multiple housing styles for mounting into all ceiling types.
- Very shallow ceiling depth required for both integral and remote drivers.
- 20°, 25°, 35°, 50° beam angles and Wallwash.
- Interchangeable optics and accessories.
- L70 (TM21 Projected 85°C) = Static White 33,300 hours Warm Dim 55,000 hours.
- Downlight UGR <16 meeting WELL Building criteria.

Downlight
Round Recessed
Plaster Trim

Downlight
Round Recessed
Bezel Trim

Downlight
Square Recessed
Plaster Trim

Downlight
Square Recessed
Bezel Trim

Adjustable
Round Recessed
Plaster Trim

Adjustable
Round Recessed
Bezel Trim

Adjustable
Square Recessed
Plaster Trim

Adjustable
Square Recessed
Bezel Trim

Wallwash
Round Recessed
Plaster Trim

Wallwash
Round Reces 20°,
25°, 35°, 50°

Wallwash
Square Recessed
Plaster Trim

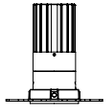
Wallwash
Square Recessed
Bezel Trim

Downlight Round
Suspended Cylinder

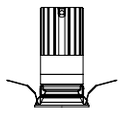
1.5” ProTools Downlight
Round Recessed

Plaster Trim

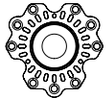
Bezel Trim



3.6"
(92mm)



3.7"
(94mm)



Ø1.6" (41mm)

Ø3.9" (91mm)

Ø1.6" (41mm)

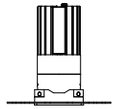
Ø2" (51mm)

technical
information

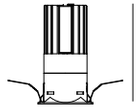
1.5” ProTools Downlight
Square Recessed

Plaster Trim

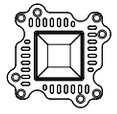
Bezel Trim



3.7"
(92mm

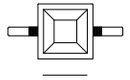


3.9"
(99mm)



□ 1.6" (41mm)

□ 3.8" (96mm)



□ 1.6" (41mm)

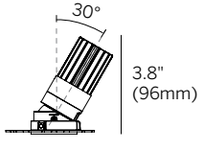
□ 2" (51mm)

technical
information

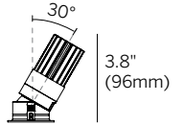
1.5” ProTools Adjustable
Round Recessed

Plaster Trim

Bezel Trim



3.8"
(96mm)



3.8"
(96mm)

Ø1.6" (41mm)

Ø3.9" (91mm)

Ø1.6" (41mm)

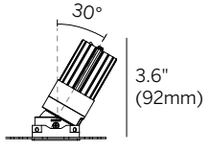
Ø2" (51mm)

technical
information

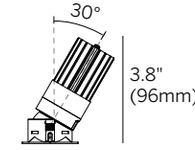
1.5” ProTools Adjustable
Square Recessed

Plaster Trim

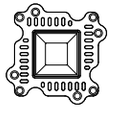
Bezel Trim



3.6"
(92mm)

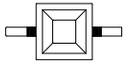


3.8"
(96mm)



□ 1.6" (41mm)

□ 3.8" (96mm)



□ 1.6" (41mm)

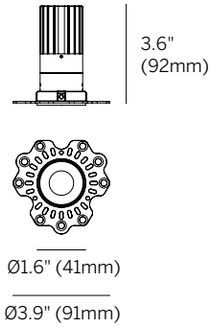
□ 2" (51mm)

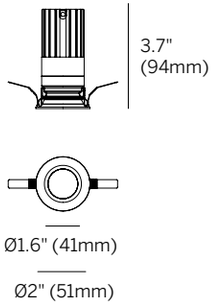
technical
information

1.5” ProTools Wallwash
Round Recessed

Plaster Trim

Bezel Trim



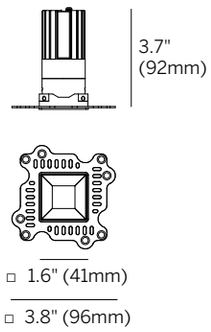


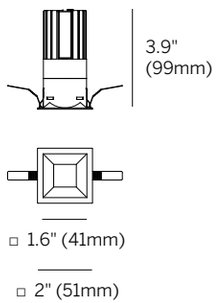
technical information

1.5” ProTools Wallwash
Square Recessed

Plaster Trim

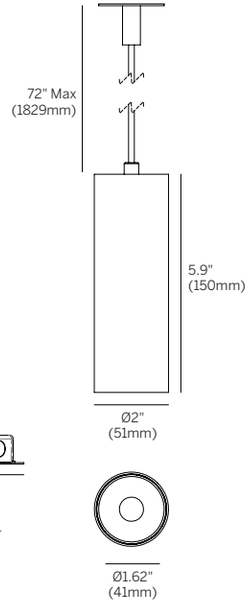
Bezel Trim



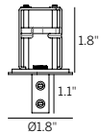


technical information

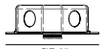
1.5” ProTools Downlight
Round Suspended Cylinder



Canopy



2" dia



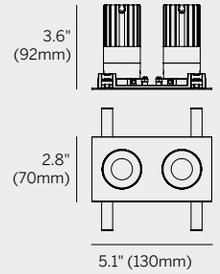
5" dia for
4" j-box

technical information

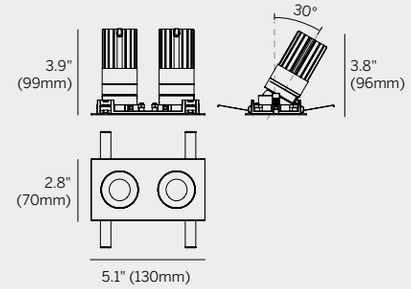
Twin Trim

Multiple fixture configurations can be accomplished using the plaster-in twin trim option; available for round downlight, adjustable and wallwash.

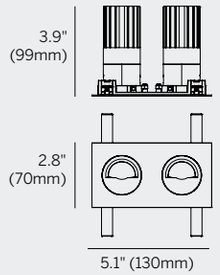
Downlight
Round Recessed
Twin Trim (TT)



Adjustable
Round Recessed
Twin Trim (TT)

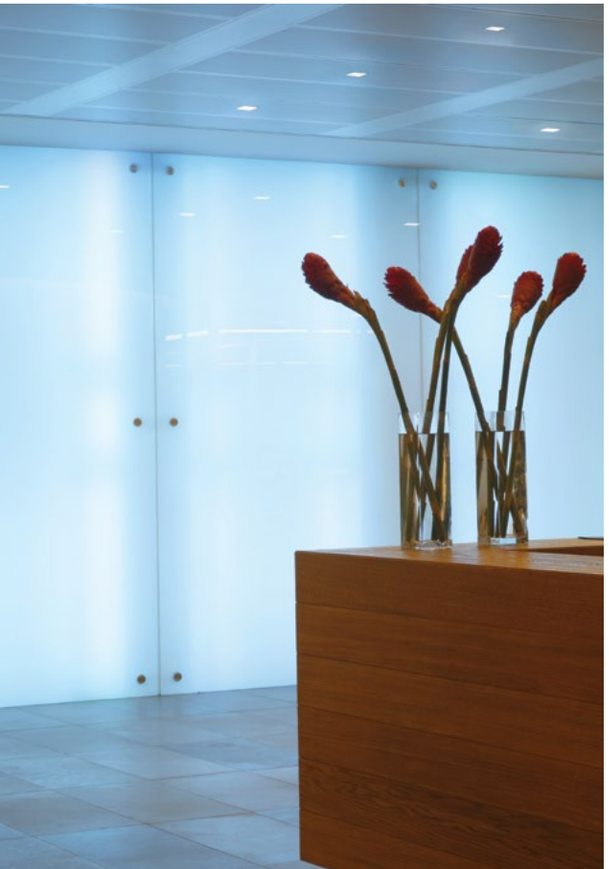


Wallwash
Round Recessed
Twin Trim (TT)



LED Technology

ProTools Downlights are designed with a flexible LED platform so that the light engine can be easily installed, field exchanged and updated as new technology evolves. ProTools Downlights utilize world-class COB LED devices that deliver consistent performance and the highest quality of light available in a configuration that will work effectively with today's optical systems.



- 380-755 lumen output range.
- 92+ CRI.
- 3 step MacAdam binning.
- Paired with highest quality drivers that deliver flicker-free, full-range dimming.
- Four standard color temperatures from 2700K-4000K.
- Warm-Dim available to emulate incandescent while dimming.
- Compatible with all common dimmer and control standards such as 0-10V, 3-wire, forward-phase with neutral, Lutron and DALI.
- High efficiency design delivers a range of excellent performance characteristics, with output available exceeding 140 lumens per watt.
- 5-year warranty.
- Made in the USA, Stocked in Maryland.

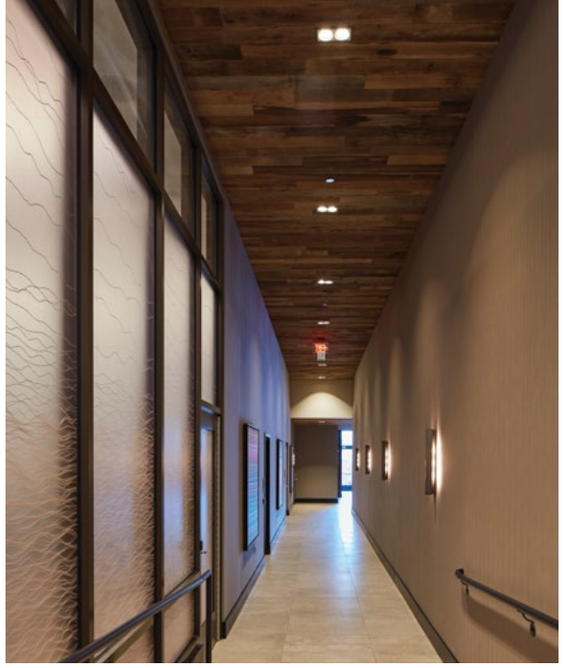
Warm Dim

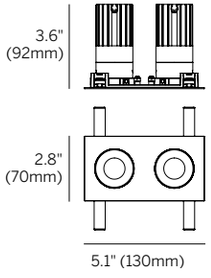
Whitegoods Warm Dim lighting provides LED dim-to-warm technology virtually indistinguishable from an incandescent light source. Designed to precisely mimic the black body curve of a standard 100W A19 lamp by gradually transitioning from 1800K to 3000K.

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

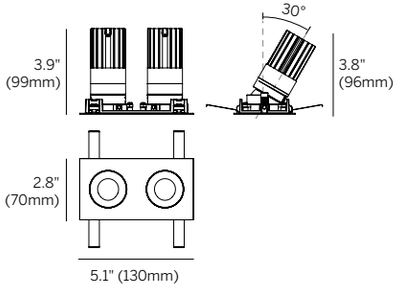
Twin Trim

Multiple fixture configurations can be accomplished using the plaster-in twin trim option; available for round downlight, adjustable and wallwash.

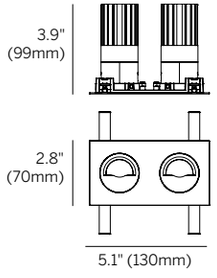




Downlight
Round Recessed
Twin Trim (TT)



Adjustable
Round Recessed
Twin Trim (TT)



Wallwash
Round Recessed
Twin Trim (TT)

Applications

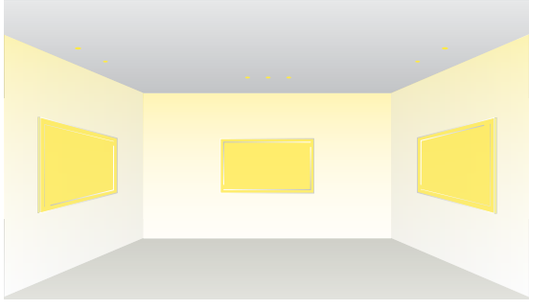
Downlight

Downlighting while the most common lighting solution utilized for general area lighting is not always a sign of best practice, and 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. 1.5" ProTools Downlights offer a high output, low glare downlighting solution.

Washlight

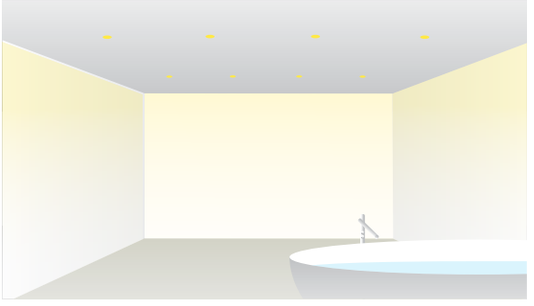
The wall wash is a great way to introduce light into a room as the brightness of the vertical surfaces around us play a crucial role in our perception of a space. Washlights will provide a wide, even beam of light which is directed towards the wall, to create the effect. Washlight need to be correctly positioned, both in terms of distance from the wall, and their relative distance to one another to provide the desired effect.

Adjustable



While 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.

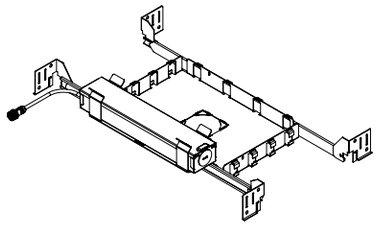
Wet Location



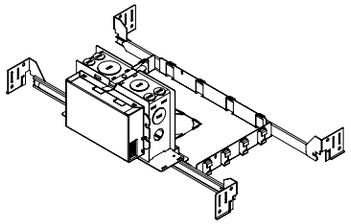
Available in wet location for use outdoors as well as in showers and other applications where they may be exposed to moisture. Specialized silicon seal rings protect against moisture ingress, and are impervious to degradation caused by UV.

Housings

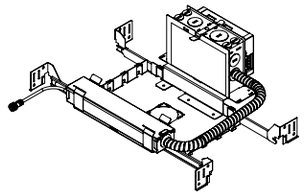
New Construction
[S, S010, SPH]



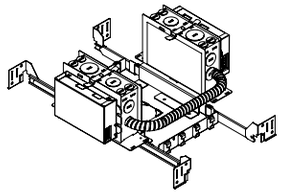
[D010, PEQ0, DALI]



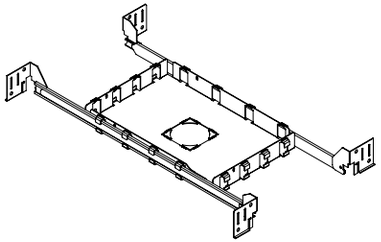
Emergency Driver (EM)



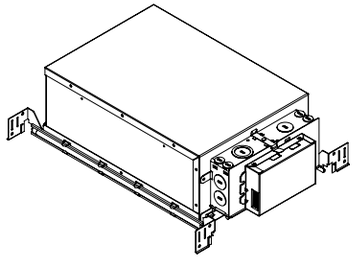
Emergency Driver (EM)



Landing Pan

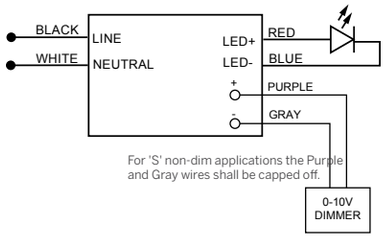


Insulated Ceiling / Chicago Plenum

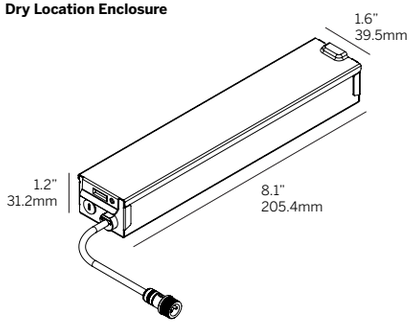


Integral Drivers

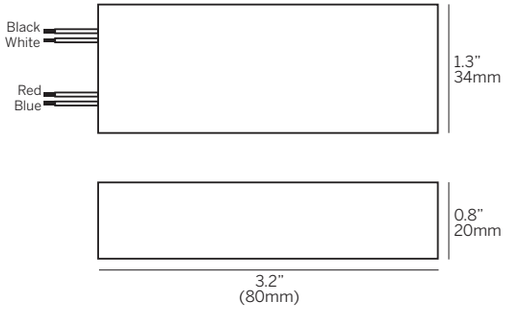
S1 / S2 = standard eldoLED non-dim or 1% 0-10V dimming, 120-277V (1 or 2 fixtures per driver)



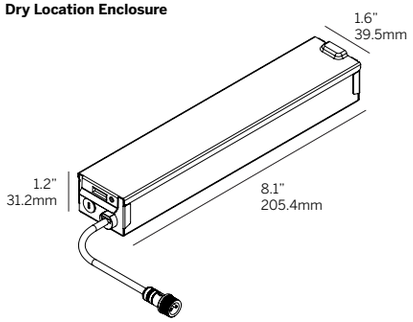
Dry Location Enclosure



SPH = standard phase (2-wire) 10% dimming, 120V only (1 fixture per driver)

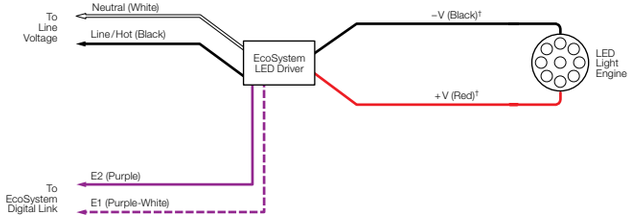


Dry Location Enclosure



D010 = eldoLED 1% 0-10V dimming, 120-277V (1-2 fixtures per driver)

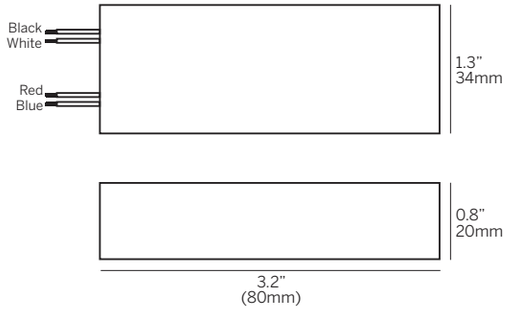
PEQ0 = Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V (1-2 fixtures per driver)



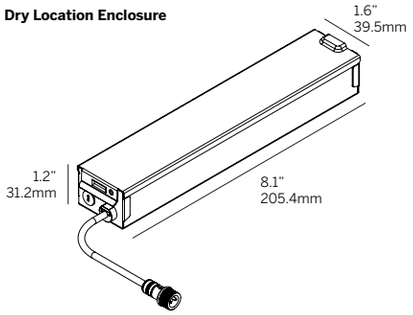
DALI = eldoLED DALI-2 0.1% dimming, 120-277V (1-2 fixtures per driver)

Remote Drivers

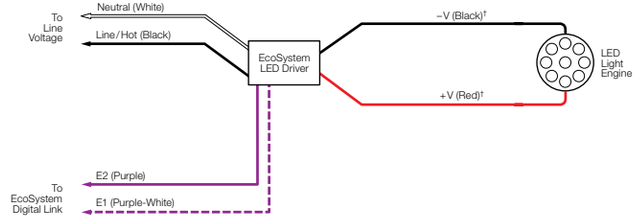
RSPH = standard phase (2-wire) 10% dimming, 120V only [remote] (1 fixture per driver)



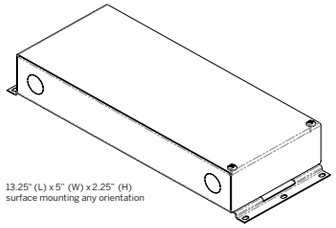
Dry Location Enclosure



RPEQ0 = Lutron Hi-Lume Premier 0.1% EcoSystem, 120-277V [remote] (1-2 fixtures per driver)

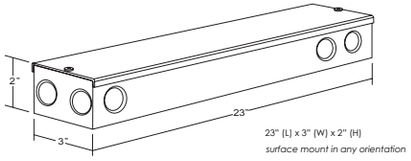


Dry Location Enclosure

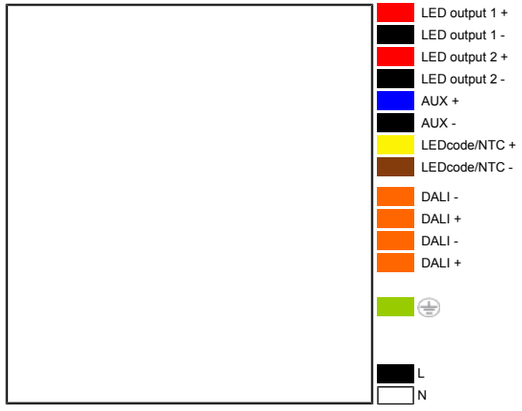


RD010 = eldoLED 0.1% 0-10V dimming, 120-277V [remote] (1-8 fixtures per driver)

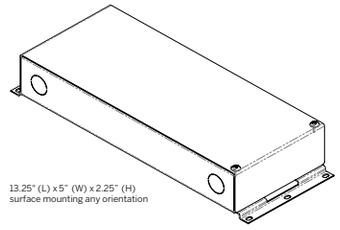
Dry Location Enclosure



RDALI = eldoLED DALI-2 0.1% dimming, 120-277V [remote] (1-4 fixtures per driver)



Dry Location Enclosure



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.

Update 10.2023

inter•lux

tools for lighting