

ProTools 60 Linear Downlight

6" / 12" Recessed



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- overview
- specifications / configurator
- photometry



Recessed Louver

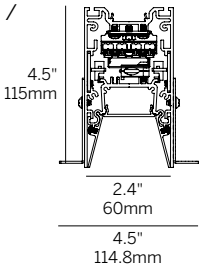
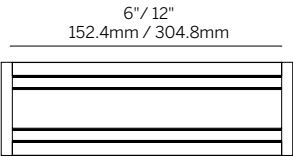


Recessed Lens

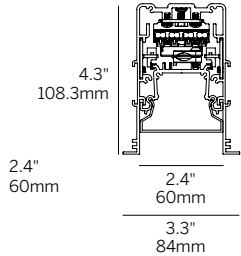
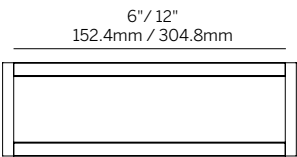
2.4" aperture recessed linear (6" or 12" length) downlight that offers lensed or louvered optics compatible with all ceiling types for illuminating spaces up to 30' high.

- 2.4" aperture, integrated solution compatible with all ceiling types.
- Extreme brightness control and the elimination of disturbing glare.
- Modularity of insert modules for ultimate design flexibility.
- Consistent LED technology throughout the Whitegoods product range.
- Flicker-free full range dimming with standard driver (Eldoled).
- Efficacy up to 95 (RML) | 128 (RLW) lumens per watt (delivered) @ 3000K, see photometry page for details.
- L70 (TM21 Projected 85°C) Static White / Tunable White = 50,000 hours.
- ETL and ETL-C for dry and damp location.

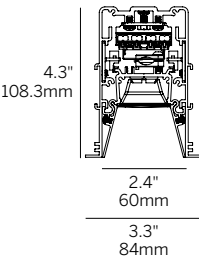
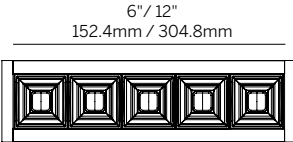
Recessed Micro-prismatic Lens (RML) / Recessed Satin Opal Lens (RSL)



Regressed Opal Lens (ROL)



Recessed Louver (RLW, RLB)



Plaster Trim Cutout

Width: 3" / Length: fixture length + 1/2"
Ex: 96" fixture = 96 1/2" cutout length

Bezel Trim Cutout

Width: 2 7/8" / Length: fixture length + 1/8"
Ex: 96" fixture = 96 1/8" cutout length

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Ordering Information

WG-60PTL		S									
Model	Fixation	Pattern	Length	CRI/CCT	Optic	Beam	Power ¹	Driver ²	Housing Finish	Reflector Finish	Options
WG-60PTL	RPT RBT	S	6 12	927 930 935 940 TW1840 TW2765	RML	80	P1 P2 P3 P4	E1 L1 D2DT6 D2DT8	W (std) B S F	W B S F	AWNRF BT CP NYC TF EM
					ROL	105					
					RLW RLB	35 50					

Model

- WG-60PTL = ProTools 60 Linear Downlight

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed trim for hard ceiling

Pattern

- S = Straight run

Length

- 6 = 6"
- 12 = 12"

CRI/CCT (90+ CRI)

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW1840 = Tunable white 1800K - 4000K
- TW2765 = Tunable white 2700K - 6500K

Optic

- RML = Recessed micro-prismatic lens
- RSL = Recessed satin opal lens
- ROL = Regressed opal lens
- RLW = Recessed louver white (supplied with white reflectors standard)
- RLB = Recessed louver black (supplied with black reflectors only)

Beam

- 80 = 80° (RML, RSL)
- 105 = 105° (ROL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)

Power¹

- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft
- P4 = 15 W/ft

Driver (Remote)²

- E1 = eldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, Ecosystem (120-277V)
- D2DT6 = DALI-2 (DT6) 0.1% dimming (120-277V)
- D2DT8 = DALI-2 (DT8) 0.1% dimming (120-277V) [TW only]

Housing / Trim Finish

- W = White, 15% gloss, RAL 9003 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Reflector Finish

- W = White, 15% gloss, RAL 9003 (standard with RLW)
- B = Black, 15% gloss, RAL 9005 (standard with RLB)
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with E1, D2DT6 or D2DT8)
- BT = Wireless CAS – Casambi (specify with E1, D2DT6 or D2DT8)
- CP = Chicago Plenum rated, complies with CCEA requirements
- NYC = 6' whip per run
- TF = Top feed
- EM = Emergency (remote)

1 See photometric data sheet for delivered lumens.

2 See power supply page for details.

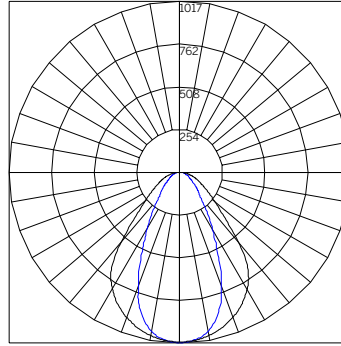
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WG-60PTL-...-S-12-RML-80-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	316	593	912	1343
	930	329	617	950	1399
	935	340	640	984	1465
	940	349	657	1010	1504
UGR ¹		20.6	22.7	24.2	25.6



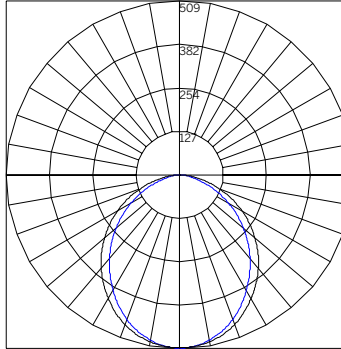
BEAM ANGLE (0-180) = 51.7
BEAM ANGLE (90-270) = 81.8

ILLUMINANCE - 12" RML-80 P4 3000K
WG-60PTL-...-S-12-930-RML-80-P4-...-W-W²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	113	2.9
6	28	5.8
9	13	8.7
12	7	11.6
15	5	14.5
18	3	17.4
21	2	20.3
24	2	23.2
27	1	26.1
30	1	29.0

WG-60PTL-...-S-12-ROL-105-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	289	543	834	1229
	930	301	565	869	1280
	935	312	585	900	1340
	940	320	601	925	1377
UGR ¹		23.9	26.1	27.6	29.0



BEAM ANGLE (0-180) = 97.2
BEAM ANGLE (90-270) = 109

ILLUMINANCE - 12" ROL-105 P4 3000K
WG-60PTL-...-S-12-930-ROL-105-P4-...-W-W²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	57	6.8
6	14	13.6
9	6	20.4
12	4	27.2
15	2	34.0
18	2	40.8
21	1	47.6
24	1	54.4
27	1	61.3
30	1	68.1

Power Multiplier

	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
9XX	0.24	0.44	0.68	1.00

TW1840

1800K	0.15	0.29	0.46	0.65
4000K	0.24	0.47	0.75	1.06

TW2765

2700K	0.23	0.45	0.71	1.00
6500K	0.24	0.47	0.74	1.05

CCT Multiplier

927	930	935	940
0.96	1.00	1.04	1.06

¹ UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

² Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

All lumen data shown is for Direct portion only; refer to Indirect photometric page for possible Direct configurations.

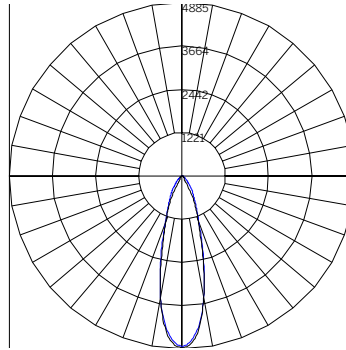
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WG-60PTL-...-S-12-RLW-35-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	434	804	1212	1738
	930	448	828	1250	1792
	935	462	854	1288	1846
	940	476	879	1326	1900
	UGR ¹	14.6	16.8	17.3	18.6



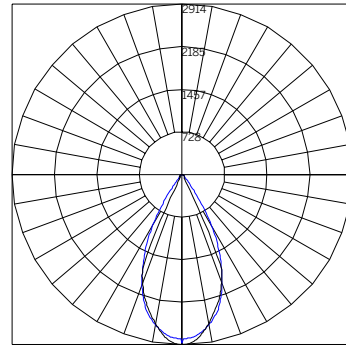
BEAM ANGLE (0-180) = 28.8
BEAM ANGLE (90-270) = 28.2

ILLUMINANCE - 12" RLW-35 P4 3000K
WG-60PTL-...-S-12-930-RLW-35-P4-...-W-W²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	543	1.5
6	136	3.1
9	60	4.6
12	34	6.2
15	22	7.7
18	15	9.2
21	11	10.8
24	8	12.3
27	7	13.9
30	5	15.4

WG-60PTL-...-S-12-RLW-50-...-W-W
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	443	820	1237	1773
	930	457	845	1276	1828
	935	471	872	1314	1883
	940	485	897	1353	1939
	UGR ¹	13.6	15.8	17.3	18.6



BEAM ANGLE (0-180) = 51.7
BEAM ANGLE (90-270) = 47.3

ILLUMINANCE - 12" RLW-50 P4 3000K
WG-60PTL-...-S-12-930-RLW-50-P4-...-W-W²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	324	2.9
6	81	5.8
9	36	8.7
12	20	11.6
15	13	14.5
18	9	17.4
21	7	20.3
24	5	23.3
27	4	26.2
30	3	29.1

Power Multiplier

	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
9XX	0.25	0.46	0.70	1.00

TW1840³

1800K	0.16	0.31	0.47	0.66
4000K	0.27	0.50	0.77	1.08

TW2765³

2700K	0.25	0.47	0.72	1.02
6500K	0.26	0.49	0.76	1.07

CCT Multiplier

927	930	935	940
0.97	1.00	1.03	1.06

1 UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

2 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

All lumen data shown is for Direct portion only; refer to Indirect photometric page for possible Direct configurations.

3 TW Tuneable White lumen data at maximum output / 4000K CCT.

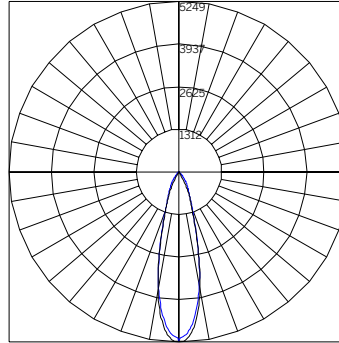
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WG-60PTL-...-S-12-RLB-35-...-W-B
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	371	686	1034	1483
	930	382	707	1067	1529
	935	394	729	1099	1575
	940	406	750	1131	1621
UGR ¹		0.7	2.8	4.3	5.7



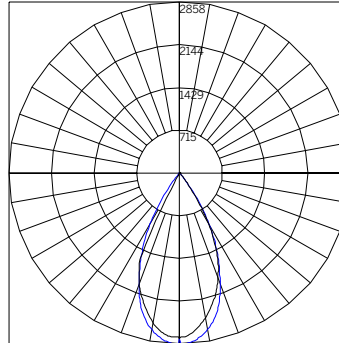
BEAM ANGLE (0-180) = 26.9
BEAM ANGLE (90-270) = 26.9

ILLUMINANCE - 12" RLB-35 P4 3000K
WG-60PTL-...-S-12-930-RLB-35-P4-...-W-B²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	583	1.4
6	146	2.9
9	65	4.3
12	36	5.7
15	23	7.2
18	16	8.6
21	12	10.0
24	9	11.5
27	7	12.9
30	6	14.3

WG-60PTL-...-S-12-RLB-50-...-W-B
Delivered Lumens Per Foot

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	442	818	1234	1769
	930	456	843	1273	1824
	935	470	870	1311	1879
	940	484	895	1349	1934
UGR ¹		12.9	15.1	16.6	21.7



BEAM ANGLE (0-180) = 51.6
BEAM ANGLE (90-270) = 51.7

ILLUMINANCE - 12" RLB-50 P4 3000K
WG-60PTL-...-S-12-930-RLB-50-P4-...-W-B²

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	318	2.9
6	79	5.8
9	35	8.7
12	20	11.6
15	13	14.5
18	9	17.4
21	6	20.3
24	5	23.2
27	4	26.1
30	3	29.0

Power Multiplier

	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
9XX	0.25	0.46	0.70	1.00
TW1840 ³				
1800K	0.16	0.31	0.47	0.66
4000K	0.27	0.50	0.77	1.08
TW2765 ³				
2700K	0.25	0.47	0.72	1.02
6500K	0.26	0.49	0.76	1.07

CCT Multiplier

927	930	935	940
0.97	1.00	1.03	1.06

1 UGR value noted is the maximum UGR (crosswise) with 930 LEDs at noted Power level.

2 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

All lumen data shown is for Direct portion only; refer to Indirect photometric page for possible Direct configurations.

3 TW Tuneable White lumen data at maximum output / 4000K CCT.