

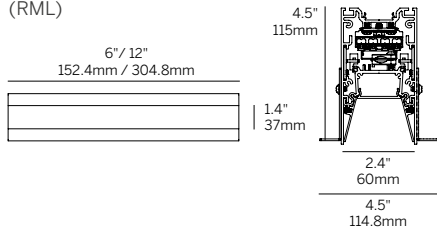
ProTools 60 Linear Downlight

6" / 12" Recessed

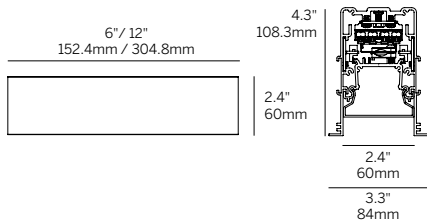


Ordering Information											
Model	Fixation	Pattern	Length	CRI/CCT	Optic	Beam	Power ²	Driver ³	Housing Finish ⁴	Reflector Finish ⁴	Options
WG-60PTL		S									
WG-60PTL	RPT RBT	S	6 12	927 930 935 940 TW ¹	RML ROL RLW RLB LML	80 105 35 50 WW	P1 P2 P3 P4	E1 L1 POE BT DALI TQ	W B S F	W B S F	CP EM NYC

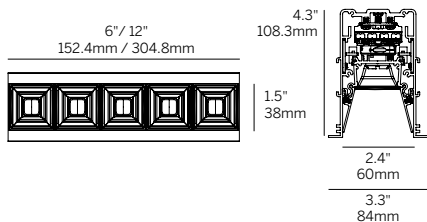
Recessed Micro-prismatic Lens (RML)



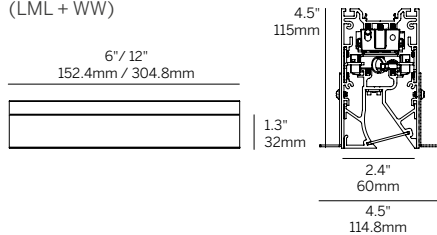
Regressed Opal Lens (ROL)



Recessed Louver (RLW, RLB)



Recessed Lens + Wall Wash (LML + WW)



Luminaire

- 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)
- L70 (TM21 Projected 85C) 72,000 hours.
- ETL and ETL-C for dry and damp location.

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
- TW = Tuneable white 2200-4000K¹

Optic³

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

Beam

- 80 = 80° (RML)
- 105 = 105° (ROL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)
- WW = Wall Wash (LML)

Power²

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

Driver (Remote)³

- E1 = EldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, Ecosystem (120-277V)
- PoE = Power over Ethernet
- BT = Wireless CAS – Casambi (Must specify BT with E1 or DALI)
- DALI = EldoLED Dali DT8 0.1% (120-277V)
- TQ = T-Series for Lutron Quantum 0.1% (120-277V) (Tunable white ONLY)

Housing/Trim Finish⁴

- W = White, 15% gloss, Tiger Drylac 49/11350 (standard)
- B = Black, 15% gloss, Tiger Drylac 44/90053
- S = Silver, 15% gloss, Tiger Drylac 49/90500
- F = Custom finished trim, specify RAL

Reflector Finish⁴

- W = White, 15% gloss, Tiger Drylac 49/11350 (standard with RLW)
- B = Black, 15% gloss, Tiger Drylac 44/90053 (standard with RLB, not offered for LML)
- S = Silver, 15% gloss, Tiger Drylac 49/90500
- F = Custom finished trim, specify RAL

Options

- CP = Chicago Plenum Rated
- EM = Emergency (remote)
- NYC = 6' whip per run

1 TW only available with RML/ROL/LML for P2 and P3.
 2 See photometric data sheet for delivered lumens.
 3 See power supply page for details.
 4 See Tiger Drylac color chart: inter-lux.com/tiger

Plaster Trim Cutout

Width: 3" / Length: fixture length + 1/2"
 Ex: 12" fixture = 12 1/2" cut out length

Bezel Trim Cutout

Width: 3 1/8" / Length: fixture length + 1/8"
 Ex: 12" fixture = 12 1/8" cut out length

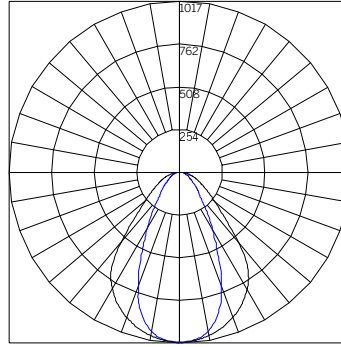
ProTools 60 Linear Downlight

6" / 12" Recessed

WG-60PTL-...-S-12-RML-80-...-W-W

Delivered Lumens Per Foot

CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	316	593	912	1343
930	329	617	950	1399
935	340	640	984	1465
940	349	657	1010	1504
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.24	0.44	0.68	1.00
CCT Multiplier				
	927	930	935	940
	0.96	1.00	1.04	1.06



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

ILLUMINANCE - 12" RML-80 P4 3000K

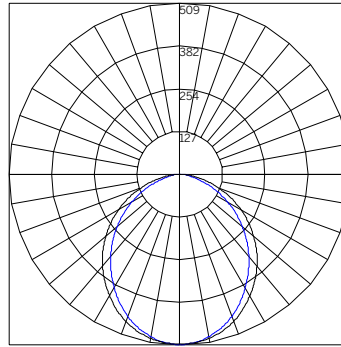
WG-60PTL-...-S-12-930-RML-80-P4-...-W-W*

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

WG-60PTL-...-S-12-ROL-105-...-W-W

Delivered Lumens Per Foot

CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	289	543	834	1229
930	301	565	869	1280
935	312	585	900	1340
940	320	601	925	1377
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.24	0.44	0.68	1.00
CCT Multiplier				
	927	930	935	940
	0.96	1.00	1.04	1.06



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

ILLUMINANCE - 12" ROL-105 P4 3000K

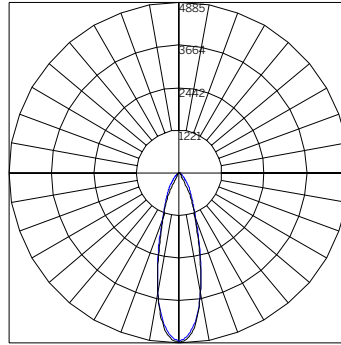
WG-60PTL-...-S-12-930-ROL-105-P4-...-W-W*

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
18	2	40.8
21	1	47.6
24	1	54.4
27	1	61.3
30	1	68.1

WG-60PTL-...-S-12-RLW-35-...-W-W

Delivered Lumens Per Foot

CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	434	804	1212	1738
930	448	828	1250	1792
935	462	854	1288	1846
940	476	879	1326	1900
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.25	0.46	0.70	1.00
CCT Multiplier				
	927	930	935	940
	0.97	1.00	1.03	1.06



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

ILLUMINANCE - 12" RLW-35 P4 3000K

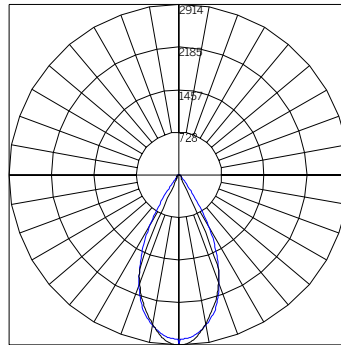
WG-60PTL-...-S-12-930-RLW-35-P4-...-W-W*

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

CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	443	820	1237	1773
930	457	845	1276	1828
935	471	872	1314	1883
940	485	897	1353	1939
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.25	0.46	0.70	1.00
CCT Multiplier				
	927	930	935	940
	0.97	1.00	1.03	1.06



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-W*

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	23.2
27	4	26.2
30	3	29.1

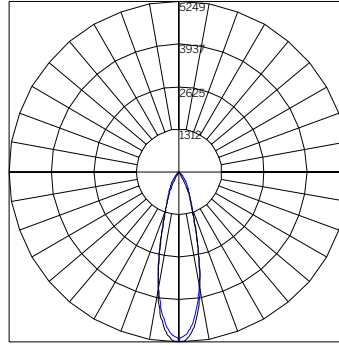
*Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

ProTools 60 Linear Downlight Recessed

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
		Power Multiplier			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
		0.25	0.46	0.70	1.00
		CCT Multiplier			
		927	930	935	940
		0.97	1.00	1.03	1.06



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

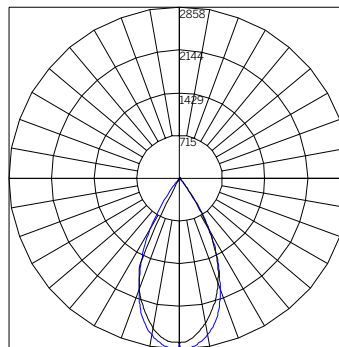
ILLUMINANCE - 12" RLB-35 P4 3000K WG-60PTL-...-S-12-930-RLB-35-P4-...-W-B*

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
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
		Power Multiplier			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
		0.25	0.46	0.70	1.00
		CCT Multiplier			
		927	930	935	940
		0.97	1.00	1.03	1.06



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

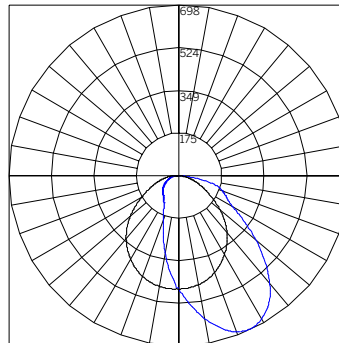
ILLUMINANCE - 12" RLB-50 P4 3000K WG-60PTL-...-S-12-930-RLB-50-P4-...-W-B*

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

WG-60PTL-...-S-12-LML-WW-...-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	268	504	774	1141
	930	279	524	806	1188
	935	289	543	836	1244
	940	297	558	858	1278
		Power Multiplier			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
		0.25	0.46	0.70	1.00
		CCT Multiplier			
		927	930	935	940
		0.97	1.00	1.03	1.06



BEAM ANGLE (0-180) = 57.89
BEAM ANGLE (90-270) = 102

ILLUMINANCE - 12" LML-WW P4 3000K WG-60PTLWW-...-S-12-930-LML-WW-P4-...-W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	78	3.3
6	19	6.6
9	9	9.9
12	5	13.3
15	3	16.6
18	2	19.9
21	2	23.2
24	1	26.5
27	1	29.8
30	1	33.1

*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.

ProTools 60 Linear Downlight Recessed

WG-60PTL-...-S-12-TW-RML-80-...

Delivered Lumens Per Foot

		Power	
		P2 [6 W/ft]	P3 [10 W/ft]
CCT	2200	299	442
	4000	307	466

WG-60PTL-...-S-12-TW-ROL-105-...

Delivered Lumens Per Foot

		Power	
		P2 [6 W/ft]	P3 [10 W/ft]
CCT	2200	274	405
	4000	281	426

WG-60PTL-...-S-12-TW-LML-WW-...

Delivered Lumens Per Foot

		Power	
		P2 [6 W/ft]	P3 [10 W/ft]
CCT	2200	254	375
	4000	261	395

PROTOOLS 60 LINEAR UGR + FIXTURE EFFICIENCY

		UGR*				FIXTURE EFFICIENCY	LUMENS PER WATT
		P1 [3W/ft]	P2 [6W/ft]	P3 [10W/ft]	P4 [15W/ft]		
OPTIC - BEAM	RML-80	20.6	22.7	24.2	25.6	59%	78
	ROL-105	23.9	26.1	27.6	29.0	54%	72
	RLW-35	14.6	16.8	18.2	19.6	86%	107
	RLW-50	13.6	15.8	17.3	18.6	88%	107
	RLB-35	0.7	2.8	4.3	5.7	73%	90
	RLB-50	12.9	15.1	16.6	21.7	87%	101
	LML-WW	31.1	33.3	34.8	36.1	50%	74

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