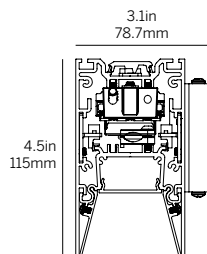
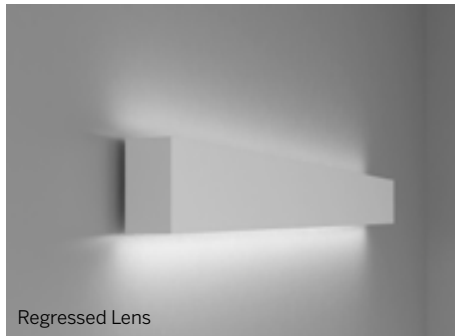
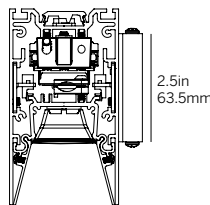


ProTools 60 Linear Direct/Indirect

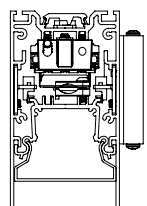
Wall / Mullion Mount



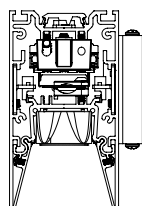
Recessed Micro-prismatic Lens (RML)



Recessed Louver (RLW, RLB)



Regressed Opal Lens (ROL)



Recessed Elliptical Optic (REO)

Ordering Information

Model	Fixation	Pattern	Length ²	CRI/CCT	Direct			Indirect		Driver ⁵	Housing Finish ⁶	Reflector Finish ⁶	Options
					Optic ³	Beam	Power ⁴	Optic	Power ⁴				
WG-60PTLDI	WM MM	S P ¹ PZ ¹	24 48 96 XX ³	927 930 935 940 TW	RML	80	P1	A	P1	E1	W	W	DC
					ROL	105	P2 P3 P4	W	P2	L1 POE BT DALI TQ	B S F	B S F	EM EW X
					RLW	35							
					RLB	50							
					REO	20x40							

Luminaire

- 2.4" aperture, wall mount bi-directional luminaire
- Specialized mounting bracket to mount directly to 2.5" window mullion
- Standard and tailored run lengths, including corners
- Separately controllable up and down lighting with distribution options
- Choice of beam spreads to accommodate all applications
- 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)

Fixation

- WM = Wall Mount
- MM = Mullion Mount

Pattern

- S = Straight run
- P = Standard patterns 2, 3 or 4 sided with 90° corners on the same plane¹
- PZ = Non-standard patterns and/or corners other than 90° on multiple planes, consult factory¹

Length²

- 24 = 24"
- 48 = 48"
- 96 = 96"
- XX = Specify inches to the nearest 0.25"³

CRI/CCT

- 90+ CRI
- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW = Tuneable white 2200-4000K

Optic Direct³

- RML = Recessed micro-prismatic lens
- ROL = Recessed opal lens
- RLW = Recessed louver white (supplied with white reflectors standard)
- RLB = Recessed louver black (supplied with black reflectors only)
- REO = Recessed elliptical optic

Optic Indirect

- A = Asymmetric (standard)
- W = Wide (batwing)

Beam

- 80 = 80° (RML)
- 105 = 105° (ROL)
- 35 = 35° (RLW, RLB)
- 50 = 50° (RLW, RLB)
- 20x40 = 20x40° (REO)

Power Direct⁴

- P1 = 3W/ft (RML/ROL)
- P2 = 6W/ft (RML/ROL/RLW/RLB/REO/TW)
- P3 = 10W/ft (RML/ROL/RLW/RLB/REO/TW)
- P4 = 15W/ft (RML/ROL/RLW/RLB/REO)

Power Indirect Lens (W/A)⁴

- P1 = 3W/ft
- P2 = 6W/ft

Driver⁵

- 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 Finish⁶

- 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 Finish⁶

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

Options

- DC = Dual circuit
- EM = Emergency (remote)
- EW = End wall bracket
- X = No direct light

1 See pattern spec sheet.

2 Individual fixture lengths less than 2' may require remote driver.

3 Specify Lensed products to nearest 0.25". Specify Louvered and Tuneable White products in 12" increments for continuous light. Louver supplied in 12" increments, balance of the run will have recessed blank covers on ends.

4 Refer to pages 2 - 5 for delivered lumen data for all product configurations. TW only available with RML/ROL.

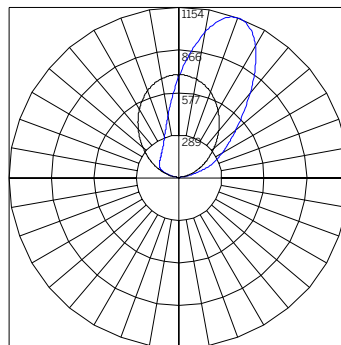
5 See power supply page for details.

6 See Tiger Drylac color chart: inter-lux.com/tiger

ProTools 60 Linear Direct/Indirect

Wall / Mullion Mount - Indirect Only

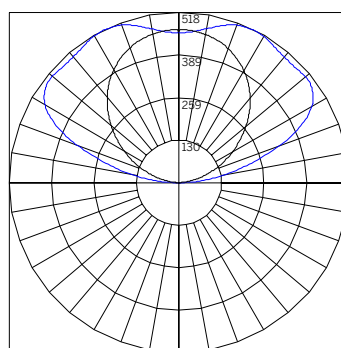
DELIVERED LUMENS PER FOOT WG-60PTLDI-...-A-...-W				
CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	478	899	-	-
930	498	936	-	-
935	516	969	-	-
940	529	995	-	-
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.53	1.00	-	-
CCT Multiplier				
	927	930	935	940
	0.96	1.00	1.04	1.06



BEAM ANGLE (0-180) = 85.9
BEAM ANGLE (90-270) = 86

ILLUMINANCE - 24" ASYMMETRIC P2 3000K WG-60PTLDI-...-24-930-...-A-P2-...-W-W*		
Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	128	5.6
6	32	11.2
9	14	16.8
12	8	22.4
15	5	27.9
18	4	33.5
21	3	39.1
24	2	44.7
27	2	50.3
30	1	55.9

DELIVERED LUMENS PER FOOT WG-60PTLDI-...-W-...-W				
CCT	Power			
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
927	470	883	-	-
930	490	920	-	-
935	507	953	-	-
940	520	978	-	-
Power Multiplier				
	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
	0.53	1.00	-	-
CCT Multiplier				
	927	930	935	940
	0.96	1.00	1.04	1.06



BEAM ANGLE (0-180) = 145.1
BEAM ANGLE (90-270) = 107.2

ILLUMINANCE - 24" WIDE P2 3000K WG-60PTLDI-...-24-930-...-W-P2-...-W-W*		
Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	58	19.1
6	14	38.2
9	6	57.3
12	4	76.4
15	2	95.5
18	2	114.6
21	1	133.7
24	1	152.8
27	1	171.9
30	1	191

*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 Indirect portion only; refer to Direct photometric page for possible Indirect configurations.

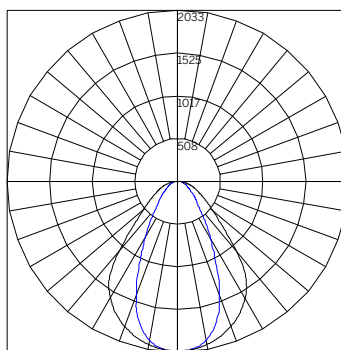
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Wall / Mullion Mount - Direct Only

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DELIVERED LUMENS PER FOOT WG-60PTLDI-...-RML-80-...-W-W

		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
		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



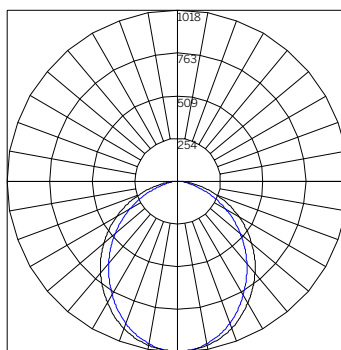
BEAM ANGLE (0-180) = 51.7
BEAM ANGLE (90-270) = 81.8

ILLUMINANCE - 24" RML-80 P4 3000K WG-60PTLDI-...-S-24-930-RML-80-P4-...-W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	226	2.9
6	56	5.8
9	25	8.7
12	14	11.6
15	9	14.5
18	6	17.4
21	5	20.3
24	4	23.2
27	3	26.1
30	2	29

DELIVERED LUMENS PER FOOT WG-60PTLDI-...-ROL-105-...-W-W

		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
		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



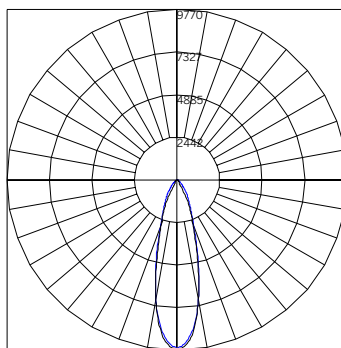
BEAM ANGLE (0-180) = 97.2
BEAM ANGLE (90-270) = 109

ILLUMINANCE - 24" ROL-105 P4 3000K WG-60PTLDI-...-S-24-930-ROL-105-P4-...-W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	113	6.8
6	28	13.6
9	13	20.4
12	7	27.2
15	5	34
18	3	40.8
21	2	47.6
24	2	54.4
27	1	61.3
30	1	68.1

DELIVERED LUMENS PER FOOT WG-60PTLDI-...-RLW-35-...-W-W

		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
		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



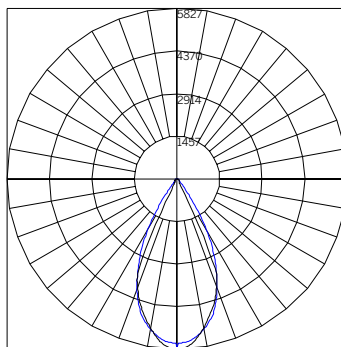
BEAM ANGLE (0-180) = 28.8
BEAM ANGLE (90-270) = 28.2

ILLUMINANCE - 24" RLW-35 P4 3000K WG-60PTLDI-...-S-24-930-RLW-35-P4-...-W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	1086	1.5
6	271	3.1
9	121	4.6
12	68	6.2
15	43	7.7
18	30	9.2
21	22	10.8
24	17	12.3
27	13	13.9
30	11	15.4

DELIVERED LUMENS PER FOOT WG-60PTLDI-...-RLW-50-...-W-W

		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
		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 - 24" RLW-50 P4 3000K WG-60PTLDI-...-S-24-930-RLW-50-P4-...-W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	647	2.9
6	162	5.8
9	72	8.7
12	40	11.6
15	26	14.5
18	18	17.4
21	13	20.3
24	10	23.2
27	8	26.2
30	6	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.
All lumen data shown is for Direct portion only; refer to Indirect photometric page for possible Direct configurations.

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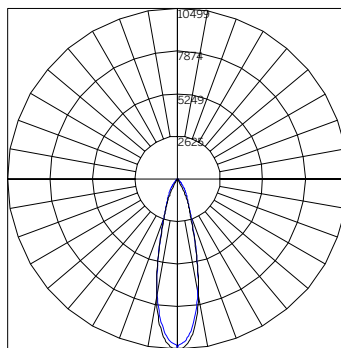
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DELIVERED LUMENS PER FOOT WG-60PTLDI-....RLB-35-....W-B

		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



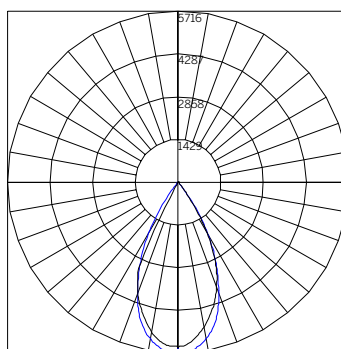
BEAM ANGLE (0-180) = 26.9
BEAM ANGLE (900-270) = 26.9

ILLUMINANCE - 24" RLB-35 P4 3000K WG-60PTLDI-....S-24-930-RLB-35-P4-....W-B*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	1167	1.4
6	292	2.9
9	130	4.3
12	73	5.7
15	47	7.2
18	32	8.6
21	24	10
24	18	11.5
27	14	12.9
30	12	14.3

DELIVERED LUMENS PER FOOT WG-60PTLDI-....RLB-50-....W-B

		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



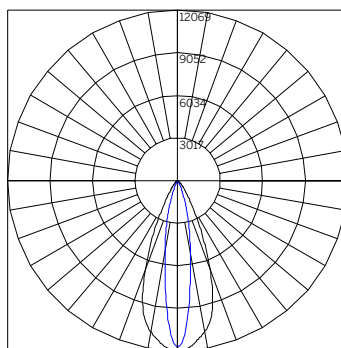
BEAM ANGLE (0-180) = 51.6
BEAM ANGLE (90-270) = 51.7

ILLUMINANCE - 24" RLB-50 P4 3000K WG-60PTLDI-....S-24-930-RLB-50-P4-....W-B*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	635	2.9
6	159	5.8
9	71	8.7
12	40	11.6
15	25	14.5
18	18	17.4
21	13	20.3
24	10	23.2
27	8	26.1
30	6	29

DELIVERED LUMENS PER FOOT WG-60PTLDI-....REO-20X40-....W-W

		Power			
		P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	927	408	755	1139	1632
	930	421	778	1174	1683
	935	434	802	1209	1734
	940	447	826	1245	1784
		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) = 17.8
BEAM ANGLE (900-270) = 42.2

ILLUMINANCE - 24" REO-20x40 P4 3000K WG-60PTLDI-....S-24-930-REO-20x40-P4-....W-W*

Mounting Height [ft]	Illuminance [fc at nadir]	Beam Width [ft]
3	647	0.9
6	162	1.9
9	72	2.8
12	40	3.7
15	26	4.7
18	18	5.6
21	13	6.6
24	10	7.5
27	8	8.4
30	6	9.4

*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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DELIVERED LUMENS PER FOOT WG-60PTLDI-...-TW-RML-80-...

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

DELIVERED LUMENS PER FOOT WG-60PTLDI-...-TW-ROL-105-...

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

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
	REO-20x40	8.3	10.43	11.9	13.2	81%	95
	ID-A	-	-	-	-	89%	122
	ID-W	-	-	-	-	88%	123

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