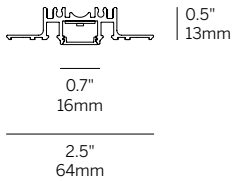
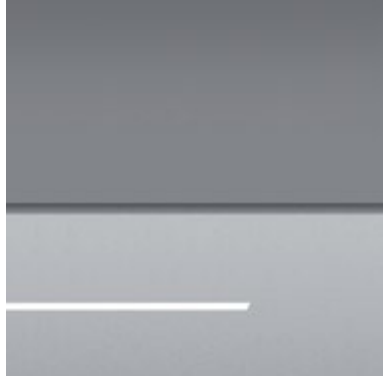
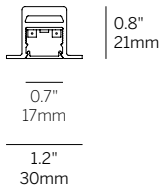
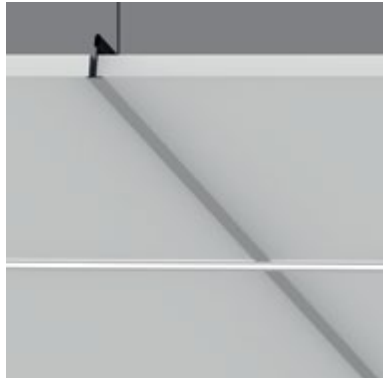


20 Linear Recessed

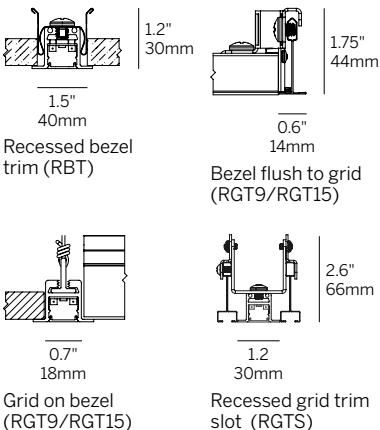
Recessed Plaster Trim (RPT)



Recessed Grid Trim (RGT)



Mounting options



Ordering Information

Model	Fixation	Pattern	Length	Power ²	CRI/CCT ³	Driver ³	Lens	Finish ⁶	Cable	Options
WG-20LDL	RPT RBT RGT9 RGT15 RGTS	S P ¹ PZ ¹ PPI ¹ PPO ¹	A A x B A x B x C A x B x A x B	L M H	927 930 935 940 WD RGBW	X S D010 L3DAE L3DOE DFPN EL96 DMX	OD (std) MPL BD ⁵ ROD ⁵	W (std) B S F	C4 (std) C10 C20 C30	EM WL ⁷

Luminaire

- Recessed fixture with very shallow depth for continuous mounting to any desired length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and luminous effect.
- Remote driver options (required). Field replaceable LED boards.
- Lengths and angles factory-cut to exact field dimensions.
- 90+ CRI, 3 Steps MacAdam delivering excellent color rendering.
- L70 (TM21 Projected 85C) Static White 60,000 hours, RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp location.

Fixation

- RPT = Recessed plaster trim
- RBT = Recessed bezel trim
- RGT9 = Recessed grid trim 9/16"
- RGT15 = Recessed grid trim 15/16"
- RGTS = Recessed grid trim slot

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
- PPI = Wall to ceiling/wall to wall, 90° inside corner¹
- PPO = Wall to ceiling/wall to wall, 90° outside corner¹

Length

- A, B, C = specify inches to the nearest 0.25" (i.e. 72.25") For patterns specify each length (i.e. 2 sided: A x B = 72.25" x 48"; 3 sided: A x B x C; 4 sided: A x B x A x B)

Power²

- L = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V) (RGBW - 7.6 W/ft)
- H = 10W/ft high power (WD 8 W/ft) (24V)

CRI/CCT (90+ CRI)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dimming 1800 -3000K
- RGBW = 3000K White (M power only)

Driver (remote)³

- X = No driver, ordered separately
- S = Standard, non-dim driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC
- EL96 = Osram / EldoLED, 24V, 0.1% 0-10V Dimming
- DMX = Osram / EldoLED, 24V, 0.1% DMX Dimming

Lens

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens
- BD = Block diffuser⁵
- ROD = Round opal diffuser⁵

Finish⁶

- W = White, 15% gloss, Tiger Drylac 49/113 (standard)
- B = Black, 15% gloss, Tiger Drylac 44/90053
- S = Silver, 15% gloss, Tiger Drylac 49/90500
- F = Custom finished trim, specify RAL

Cable

- C4 = 4' tray cable (plenum rated) (standard)
- C10 = 10' tray cable (plenum rated)
- C20 = 20' tray cable (plenum rated)
- C30 = 30' tray cable (plenum rated)

Options

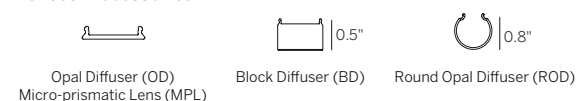
- EM = Emergency LED driver (remote only)
- WL = WL = Wet Location Under Canopy / Cover⁷

- 1 See pattern spec sheet.
- 2 Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- 3 See photometric data sheet for delivered lumens.
- 4 Remote power supply required. See power supply page for details.
- 5 Butt seam (lens) when in continuous run, straight runs only.
- 6 See Tiger Drylac color chart: inter-lux.com/tiger
- 7 Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.

Cutout Dimensions

RPT = 1.4" width / length + 1/4" / RBT = 1" width / length + 1/4"

Lenses/Accessories

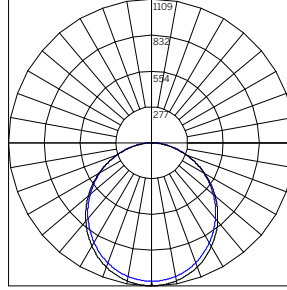


20 Linear Recessed

WG-20LDL-...-OD-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	176	352	617	—
	930	192	383	670	—
	935	227	455	796	—
	940	270	540	946	—
	WD ²	135	280	405	—
	RGBW ³	—	—	—	229
UGR ⁴		26.7	29.3	31.1	—
Fixture Efficiency = 58%				Lumens Per Watt = 64	



BEAM ANGLE (0-180) = 110.3
BEAM ANGLE (90-270) = 110.4

ILLUMINANCE - 48" OD H 3500K

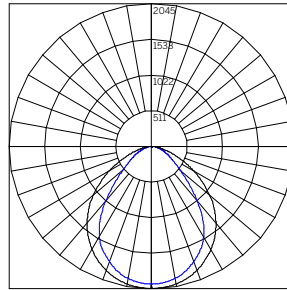
WG-20LDL-...-S-48-H-935-...-OD-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	277	5.7
4	69	11.5
6	31	17.2
8	17	23
10	11	28.7
12	8	34.5
14	6	40.2
16	4	46
18	3	51.7
20	3	57.5

WG-20LDL-...-SD-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	247	495	867	—
	930	270	538	942	—
	935	319	640	1119	—
	940	380	760	1330	—
	WD ²	189	394	569	—
	RGBW ³	—	—	—	322
UGR ⁴		25.3	27.9	29.7	—
Fixture Efficiency = 82%				Lumens Per Watt = 89	



BEAM ANGLE (0-180) = 80.8
BEAM ANGLE (90-270) = 103.4

ILLUMINANCE - 48" SD H 3500K

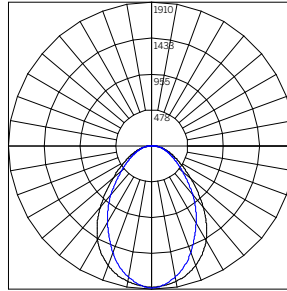
WG-20LDL-...-S-48-H-935-...-SD-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	511	3.4
4	128	6.8
6	57	10.2
8	32	13.6
10	20	17
12	14	20.4
14	10	23.8
16	8	27.2
18	6	30.7
20	5	34.1

WG-20LDL-...-MPL-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	209	418	731	—
	930	227	454	795	—
	935	270	540	944	—
	940	321	641	1122	—
	WD ²	160	332	480	—
	RGBW ³	—	—	—	272
UGR ⁴		26.3	28.9	30.7	—
Fixture Efficiency = 69%				Lumens Per Watt = 72	



BEAM ANGLE (0-180) = 73.8
BEAM ANGLE (90-270) = 85.5

ILLUMINANCE - 48" MPL H 3500K

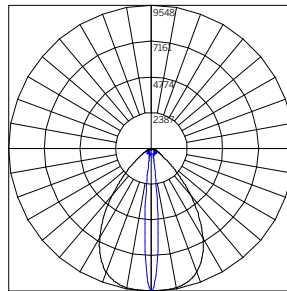
WG-20LDL-...-S-48-H-935-...-MPL-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	478	3
4	119	6
6	53	9
8	30	12
10	19	15
12	13	18
14	10	21
16	7	24
18	6	27
20	5	30

WG-20LDL-...-NL16-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	207	414	725	—
	930	225	450	787	—
	935	267	535	936	—
	940	318	635	1112	—
	WD ²	158	329	476	—
	RGBW ³	—	—	—	269
UGR ⁴		17.8	20.3	22.1	—
Fixture Efficiency = 68%				Lumens Per Watt = 75	



BEAM ANGLE (0-180) = 10.4
BEAM ANGLE (90-270) = 75.1

ILLUMINANCE - 48" NL16 H 3500K

WG-20LDL-...-S-48-H-935-...-NL16-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	2387	0.4
4	597	0.7
6	265	1.1
8	149	1.5
10	95	1.8
12	66	2.2
14	49	2.6
16	37	2.9
18	29	3.3
20	24	3.7

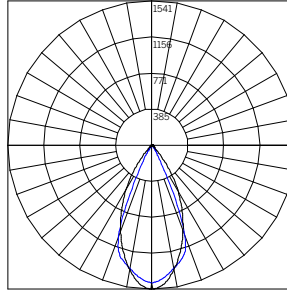
Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	—
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 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.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.

20 Linear Recessed

WG-20LDL-...-LL45B-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	53	107	187	—
	930	58	116	203	—
	935	69	138	241	—
	940	82	164	287	—
	WD ²	41	85	123	—
	RGBW ³	—	—	—	69
UGR ⁴		0.0	0.0	0.0	—
Fixture Efficiency = 18%		Lumens Per Watt = 19			



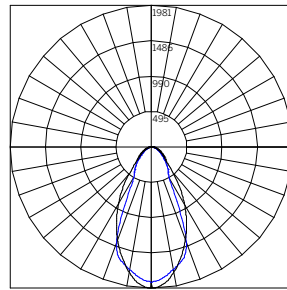
BEAM ANGLE (0-180) = 45.3
BEAM ANGLE (90-270) = 49.7

ILLUMINANCE - 48" LL45B H 3500K WG-20LDL-...-S-48-H-935-...-LL45B-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	385	1.7
4	96	3.3
6	43	5
8	24	6.7
10	15	8.4
12	11	10
14	8	11.7
16	6	13.4
18	5	15
20	4	16.7

WG-20LDL-...-LL45W-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	115	229	402	—
	930	125	250	437	—
	935	148	297	519	—
	940	176	352	616	—
	WD ²	88	183	264	—
	RGBW ³	—	—	—	149
UGR ⁴		21.6	24.1	25.9	—
Fixture Efficiency = 38%		Lumens Per Watt = 42			



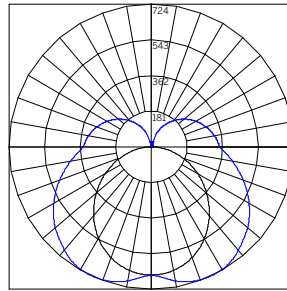
BEAM ANGLE (0-180) = 48.1
BEAM ANGLE (90-270) = 57.3

ILLUMINANCE - 48" LL45W H 3500K WG-20LDL-...-S-48-H-935-...-LL45W-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	495	1.8
4	124	3.6
6	55	5.4
8	31	7.1
10	20	8.9
12	14	10.7
14	10	12.5
16	8	14.3
18	6	16.1
20	5	17.9

WG-20LDL-...-BD-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	219	438	767	—
	930	239	477	834	—
	935	283	566	991	—
	940	336	673	1177	—
	WD ²	168	349	504	—
	RGBW ³	—	—	—	285
UGR ⁴		31.5	34	35.8	—
Fixture Efficiency = 72%		Lumens Per Watt = 75			



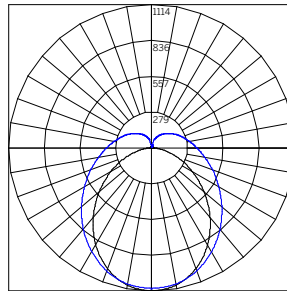
BEAM ANGLE (0-180) = 174.7
BEAM ANGLE (90-270) = 107.8

ILLUMINANCE - 48" BD H 3500K WG-20LDL-...-S-48-H-935-...-BD-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	181	86.3
4	45	172.5
6	20	258.8
8	11	345
10	7	431.3
12	5	517.6
14	4	603.8
16	3	690.1
18	2	776.3
20	2	862.6

WG-20LDL-...-ROD-W Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	248	497	870	—
	930	271	540	945	—
	935	321	642	1123	—
	940	381	763	1335	—
	WD ²	190	395	571	—
	RGBW ³	—	—	—	323
UGR ⁴		30.8	33.4	35.2	—
Fixture Efficiency = 82%		Lumens Per Watt = 90			



BEAM ANGLE (0-180) = 97.2
BEAM ANGLE (90-270) = 130.1

ILLUMINANCE - 48" ROD H 3500K WG-20LDL-...-S-48-H-935-...-ROD-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	279	4.5
4	70	9.1
6	31	13.6
8	17	18.2
10	11	22.7
12	8	27.2
14	6	31.8
16	4	36.3
18	3	40.8
20	3	45.4

Power Multiplier				
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
9XX/RGBW	0.29	0.57	1.00	0.29
WD	0.17	0.35	0.51	—
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

- 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.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.