

20 Linear Recessed



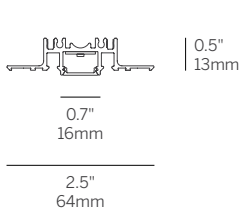
inter•lux



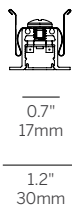
Continuous line of light in a 0.7" wide recessed luminaire trimless and bezel trim for seamless integration into any drywall, wood and metal surfaces. Plaster version is less than drywall thickness for easy installation.

- 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.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED and driver without upsetting the ceiling.
- Efficacy up to 83 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White 60,000 hours, RGBW 50,000 hours, Warm Dim 36,000 hours.
- ETL and ETL-C for dry and damp locations.
- Lengths and angles factory-cut to exact field dimensions. Standard and custom corners.
- Powdercoat painted.

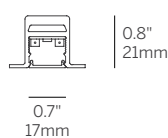
QS Quick Ship Available



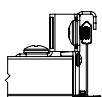
Recessed Plaster Trim (RPT)



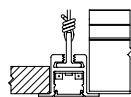
Recessed Bezel Trim (RBT)



Recessed Grid Trim (RGT9/RGT15/RGTS)



Bezel flush to grid (RGT9/RGT15)



Grid on bezel (RGT9/RGT15)



Recessed grid trim slot (RGTS)

Contents

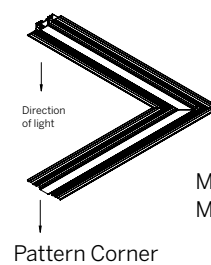
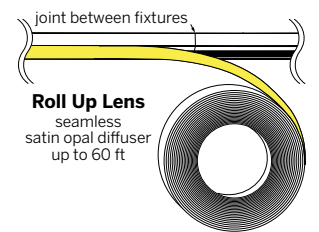
- 1 overview
- 2 specifications / configurator
- 3 photometry



Recessed Plaster Trim (RPT)

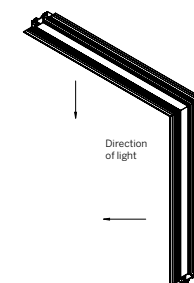


Recessed Grid Trim (RGT)

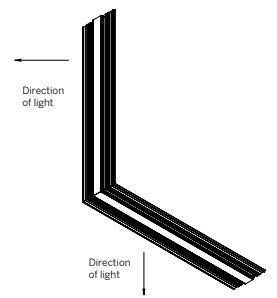


Minimum Angle 30°
Maximum Angle 180°

Pattern Corner



Plane To Plane Inside Corner (PPI)



Plane To Plane Outside Corner (PPO)

Ordering Information

WG-20LDL										
Model	Fixation	Pattern	Length	Power ²	CRI/CCT ³	Driver ⁴	Lens	Finish	Cable	Options
WG-20LDL	RPT RBT RGT9 RGT15 RGTS	S P ¹ PPI ¹ PPO ¹ PZ 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 DPH L3DAE L3DOE EL96 DALI DMX	OD (std) MPL BDO ⁵ BDC ⁵	W (std) B S F	C4 (std) C10 C20 C30	AWNRF BT CP EM WL ⁶

Model

- WG-20LDL = 20 Linear Recessed

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
- PPI = Wall to ceiling/wall to wall, 90° inside corner¹
- PPO = Wall to ceiling/wall to wall, 90° outside corner¹
- PZ = Non-standard patterns and/or corners other than 90° on multiple planes, consult factory¹

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 minimum)³

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

Driver (remote)⁴

- X = No driver, ordered separately
- S = Standard, non-dim driver 120-277V
- D010 = eldoLED, 10%, 0-10V dimming, 120-277V
- DPH = Phase Dimming, 1% dimming, 120V only
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- EL96 = eldoLED, 24V, 0.1% 0-10V Dimming
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V)
- DMX = eldoLED, 24V, 0.1% DMX Dimming

Lens

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens
- BDO = Block diffuser opal⁵
- BDC = Block diffuser clear⁵

Finish

- W = White, 15% gloss, RAL 9010 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- 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)

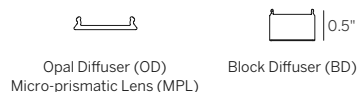
Options

- AWNRF = Lutron Athena Wireless Node RF (specify with D010, EL96 or DALI)
- BT = Wireless CAS – Casambi (specify with D010, EL96, DALI or DMX)
- CP = Chicago Plenum (available for RPT)
- EM = Emergency LED driver (remote only)
- WL = Wet Location Under Canopy / Cover⁶

Cutout Dimensions

RPT = 1.4" width / length + ¼"
RBT = 1" width / length + ¼"

Lenses/Accessories



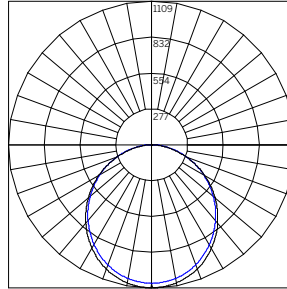
- See pattern spec sheet.
- Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- See photometric data sheet for delivered lumens.
- Remote power supply required. See power supply page for details.
- Butt seam (lens) when in continuous run, straight runs only. BDO/BDC offered for RBT / RGT only.
- Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.

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	—



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

ILLUMINANCE - 48" OD H 3500K

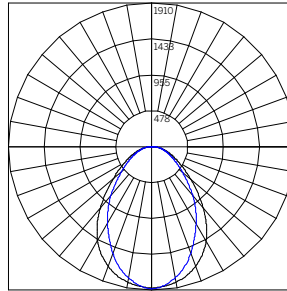
WG-20LDL-...-S-48-H-935-...-OD-W-...¹

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-...-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	—



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

ILLUMINANCE - 48" MPL H 3500K

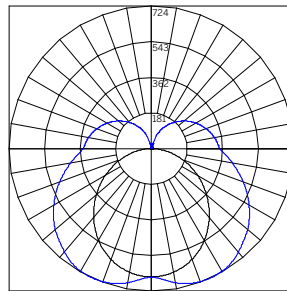
WG-20LDL-...-S-48-H-935-...-MPL-W-...¹

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-...-BDO-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	—



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

ILLUMINANCE - 48" BDO H 3500K

WG-20LDL-...-S-48-H-935-...-BDO-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

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.