

20 Linear Perimeter Flush



A perimeter pocket system with flush mounted light source for continuous illumination of adjacent surfaces, available in any dimension to fully integrate with the architecture.

- Recessed perimeter mount fixture with flush light for continuous mounting to any desired length, as well as standard grid multiples.
- *Soft Graze* (SG) version with 1" extension.
- Extruded aluminum housing, easily installed internal LED fixture insert. Remote driver. Field replaceable LED boards.
- 4' class 2 plenum rated feed cable standard.
- Efficacy up to 80 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Steps MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White 60,000 hours, RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp locations.
- Standard Satin Opal Diffuser for even illumination and no LED appearance. Optional microprismatic lens for high efficiency and low brightness.
- Lengths and angles factory cut to exact field dimensions. Standard and custom corners.
- Powdercoat painted.

Contents

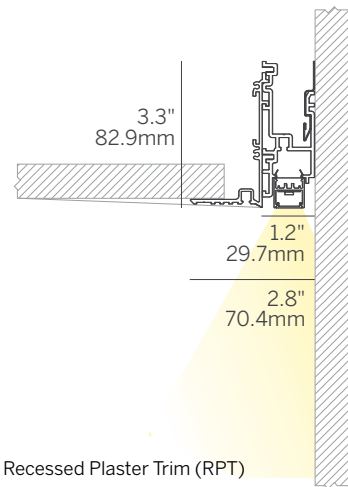
- 1 overview
- 2 specifications / configurator
- 3 photometry



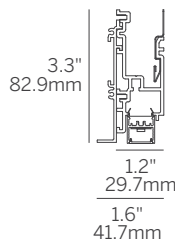
Recessed Plaster Trim (RPT)



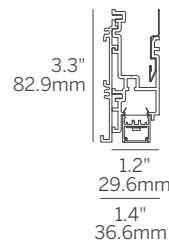
Soft Graze (SG)
Recessed Plaster Trim (RPT)



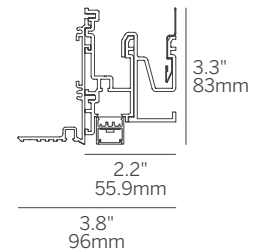
Recessed Plaster Trim (RPT)



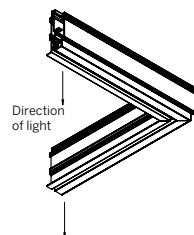
Recessed Bezel Trim (RBT)
Recessed Grid Trim (RGT9/RGT15)



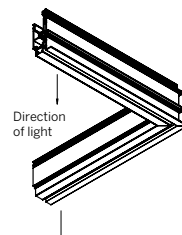
Recessed Return Trim (RRT)



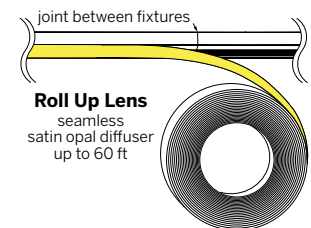
Soft Graze (SG)
Recessed Plaster Trim (RPT)



Pattern Inside (PI)



Pattern Outside (PO)



Roll Up Lens
seamless
satin opal diffuser
up to 60 ft

QS Quick Ship Available

Ordering Information									
Model	Fixation	Pattern	Length	Power ²	CRI/CCT ³	Driver ⁴	Lens	Finish	Options
WG-20LPF WG-20LPFSG	RPT RBT RRT RGT9 RGT15	S PI ¹ PO 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	W (std) F	AWNRF BT EM WL ⁵

Model

- WG-20LPF = 20 Linear Perimeter Flush
- WG-20LPFSG = 20 Linear Perimeter Flush *Soft Graze*

Fixation

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

Pattern

- S = Straight run
- PI = Standard patterns 2, 3, or 4 sided with 90° inside corners on the same plane¹
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane¹

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)
- For 2 and 4 foot fixtures to fit ceiling grids specify 24" and 48" lengths

Power²

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

CRI / CCT (90+ CRI minimum)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dim (1800K - 3000K)
- RGBW = 3000K White

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

Finish

- W = White, 15% gloss, RAL 9010 (standard)
- F = Custom finish, specify RAL

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with D010, EL96 or DALI)
- BT = Wireless CAS – Casambi (specify with D010, EL96, DALI or DMX)
- EM = Emergency LED driver (remote)
- WL = Wet Location Under Canopy / Cover⁵

- 1 See pattern specsheet.
- 2 Wattage shown does not include power supplies/drivers.
- 3 See photometric data sheet for delivered lumens.
- 4 Remote power supply required. See power supply page for details.
- 5 Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.

Lenses/Accessories

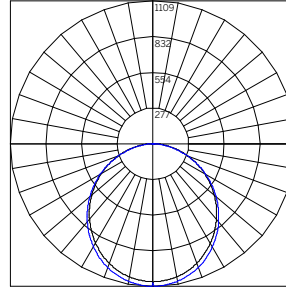


Opal Diffuser (OD)
Micro-prismatic Lens (MPL)

20 Linear Perimeter Flush

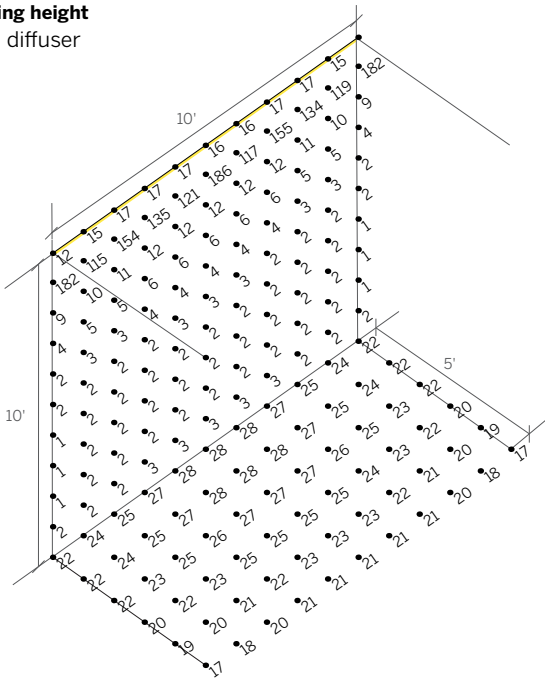
WG-20LPF-...-OD-W¹
Delivered Lumens Per Foot

		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	-

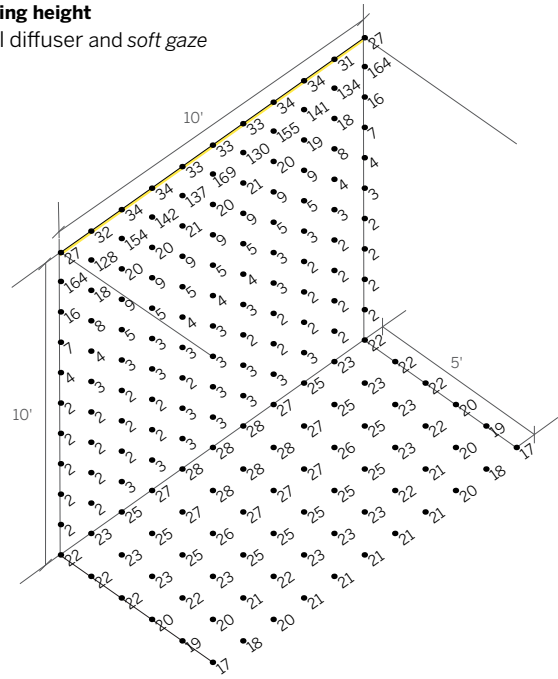


BEAM ANGLE (0-180) = 110.3
BEAM ANGLE (90-270) = 111.4

WG-20LPF-...-S-...-H-935-OD-W
10'-0" ceiling height
Satin opal diffuser



WG-20LPFSG-...-S-...-H-935-OD-W
10'-0" ceiling height
Satin opal diffuser and soft gaze



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 is applicable to part number noted; use Multiplier table(s) to approximate other Power / CCT options.
- 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.

Surface reflectances:

80% Ceiling

50% Wall

20% Floor

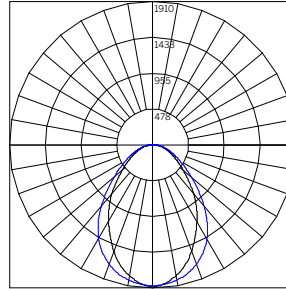
Illuminance points are spaced 1'-0" on center.

Illuminance values are shown in units of foot-candles.

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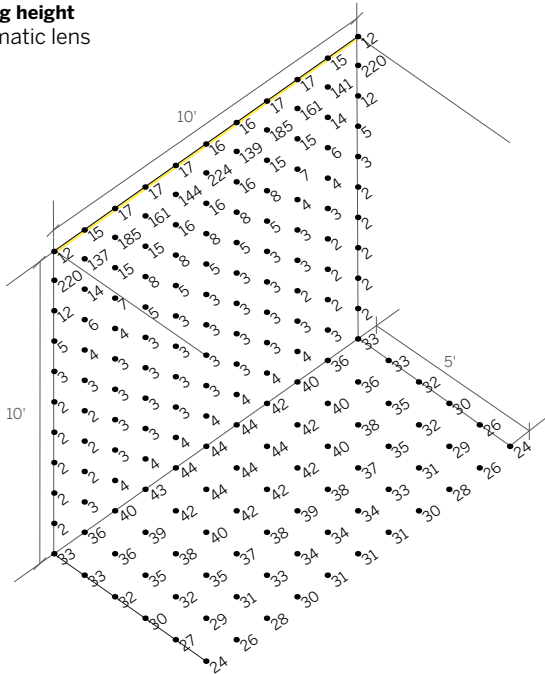
WG-20LPF-...-MPL-W¹
Delivered Lumens Per Foot

		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		25.3	27.9	29.7	-

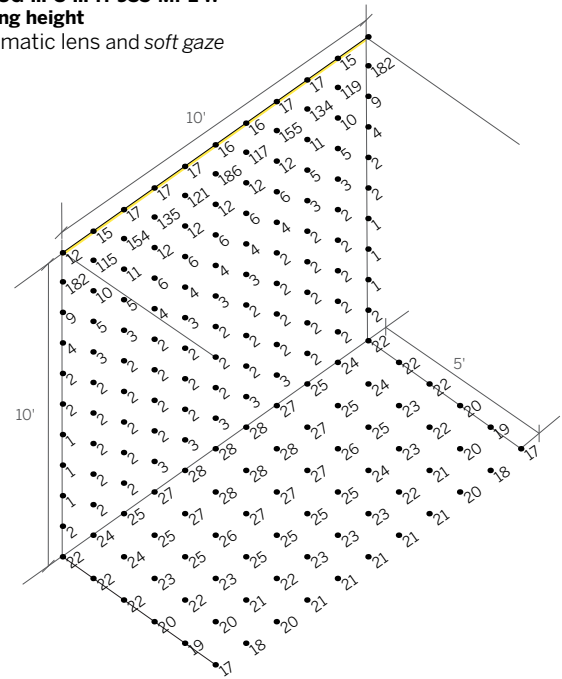


BEAM ANGLE (0-180) = 73.8
BEAM ANGLE (90-270) = 85.5

WG-20LPF-...-S-...-H-935-MPL-W
10'-0" ceiling height
Micro-prismatic lens



WG-20LPFSG-...-S-...-H-935-MPL-W
10'-0" ceiling height
Micro-prismatic lens and soft gaze



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				
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