

# 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.**

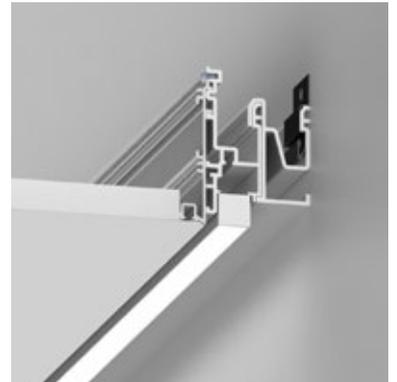
- Recessed perimeter mount fixture with flush light for continuous mounting to any desired length, as well as standard grid multiples.
- *Soft Graze* (SG) version with 1" extension.
- Extruded aluminum housing, easily installed internal LED fixture insert. Remote driver. Field replaceable LED boards.
- 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

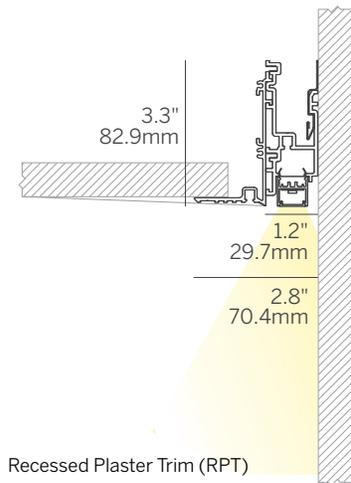
- 1 overview
- 2 specifications / configurator
- 3 photometry



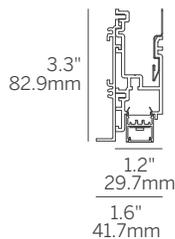
Recessed Plaster Trim (RPT)



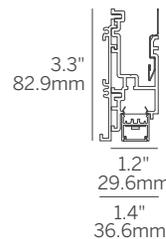
*Soft Graze* (SG)  
Recessed Plaster Trim (RPT)



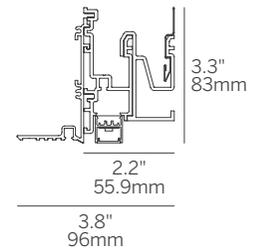
Recessed Plaster Trim (RPT)



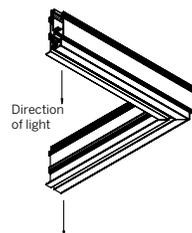
Recessed Bezel Trim (RBT)  
Recessed Grid Trim (RGT9/RGT15)



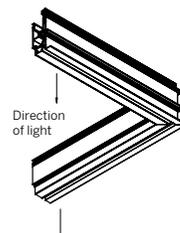
Recessed Return Trim (RRT)



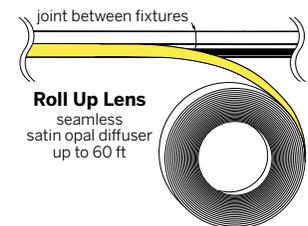
*Soft Graze* (SG)  
Recessed Plaster Trim (RPT)



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 <sup>2</sup>	CRI/CCT <sup>3</sup>	Driver <sup>4</sup>	Lens	Finish	Options
WG-20LPF WG-20LPFSG	RPT RBT RRT RGT9 RGT15	S PI <sup>1</sup> PO <sup>1</sup>	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 <sup>5</sup>

## 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 plane<sup>1</sup>
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane<sup>1</sup>

## 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

## Power<sup>2</sup>

- 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)<sup>3</sup>

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

## Driver (remote)<sup>4</sup>

- 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 / Cover<sup>5</sup>

- 1 See pattern specs sheet.
- 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

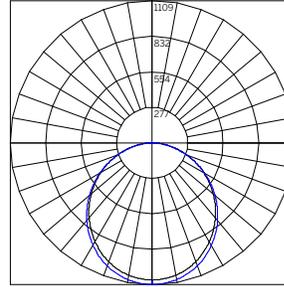


Opal Diffuser (OD)  
Micro-prismatic Lens (MPL)

# 20 Linear Perimeter Flush

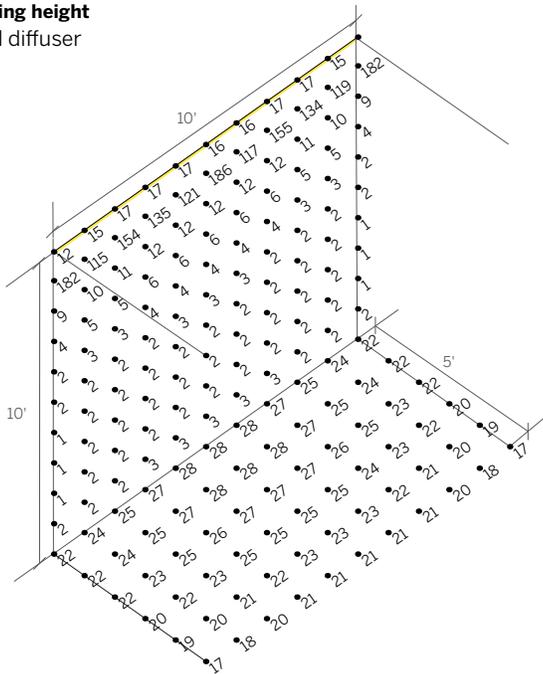
**WG-20LPF-...-OD-W<sup>1</sup>**  
Delivered Lumens Per Foot

		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 <sup>2</sup>	135	280	405	-
	RGBW <sup>3</sup>	-	-	-	229
UGR <sup>4</sup>		26.7	29.3	31.1	-

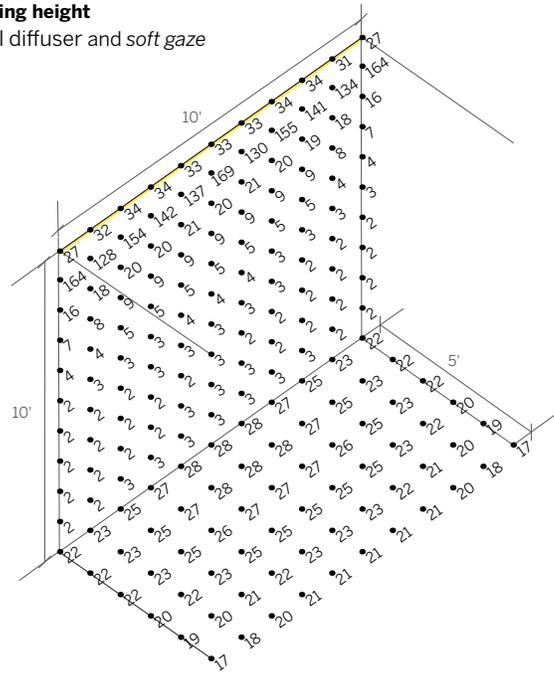


BEAM ANGLE (0-180) = 110.3  
BEAM ANGLE (90-270) = 111.4

**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

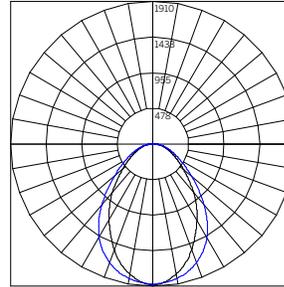
20% Floor

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

Illuminance values are shown in units of foot-candles.

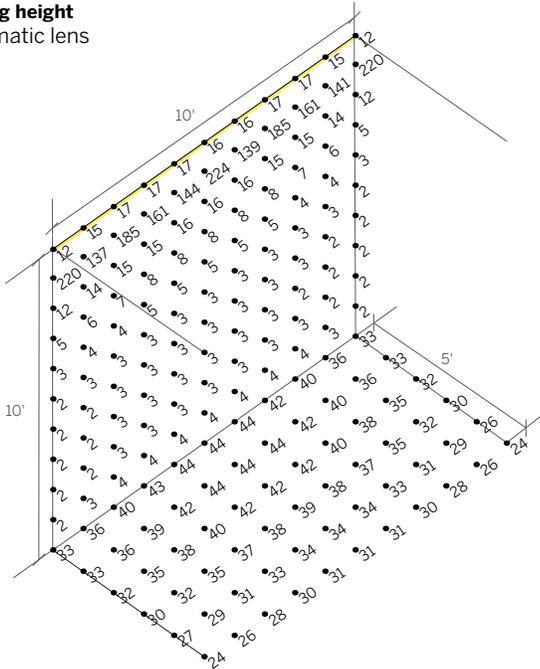
# 20 Linear Perimeter Flush

WG-20LPF-...-MPL-W <sup>1</sup>					
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 <sup>2</sup>	160	332	480	-
	RGBW <sup>3</sup>	-	-	-	272
UGR <sup>4</sup>		26.3	28.9	30.7	-

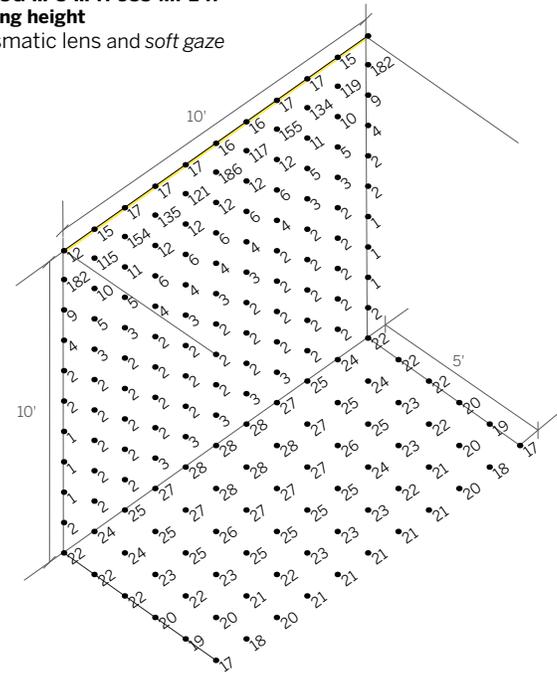


BEAM ANGLE (0-180) = 73.8  
BEAM ANGLE (90-270) = 85.5

**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				
	927	930	935	940
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