

20 Linear Perimeter Flush

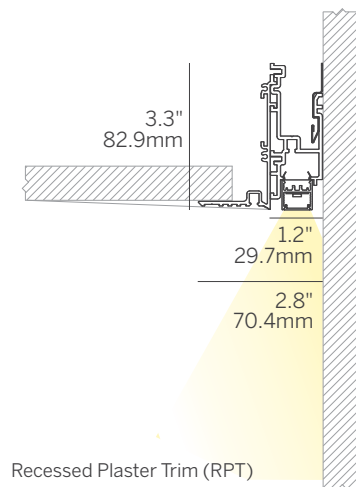


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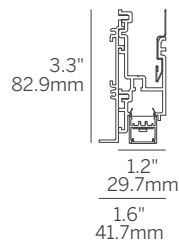


A perimeter pocket system with flush mounted light source for continuous illumination of adjacent surfaces, available in any dimension to fully integrate with the architecture.

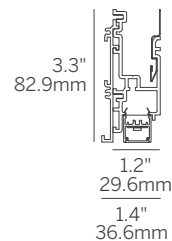
- Recessed perimeter mount fixture with flush light for continuous mounting to any desired length, as well as standard grid multiples.
- *Soft Graze* (SG) version with 1" extension.
- Extruded aluminum housing, easily installed internal LED fixture insert. Remote driver. Field replaceable LED boards.
- 4' class 2 plenum rated feed cable standard.
- Efficacy up to 67 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.



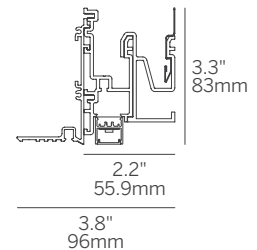
Recessed Plaster Trim (RPT)



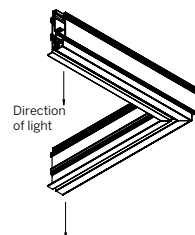
Recessed Bezel Trim (RBT)
Recessed Grid Trim (RGT9/RGT15)



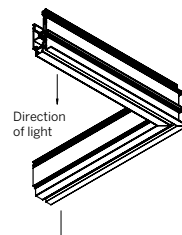
Recessed Return Trim (RRT)



Soft Graze (SG)
Recessed Plaster Trim (RPT)



Pattern Inside (PI)



Pattern Outside (PO)



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

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

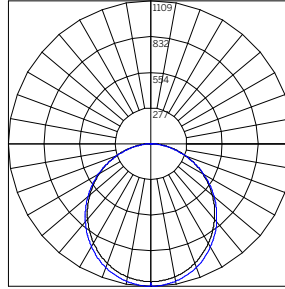
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WG-20LPF-...-OD-W

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) = 111.4

ILLUMINANCE - 48" OD H 3500K

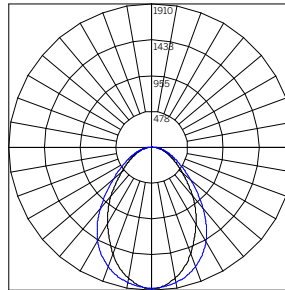
WG-20LPF-...-S-48-H-935-...-OD-W-...¹

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	23.0
10	11	28.7
12	8	34.5
14	6	40.2
16	4	46.0
18	3	51.7
20	3	57.5

WG-20LPF-...-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-20LPF-...-S-48-H-935-...-MPL-W-...⁴

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	478	3.0
4	119	6.0
6	53	9.0
8	30	12.0
10	19	15.0
12	13	18.0
14	10	21.0
16	7	24.0
18	6	27.0
20	5	30.0

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

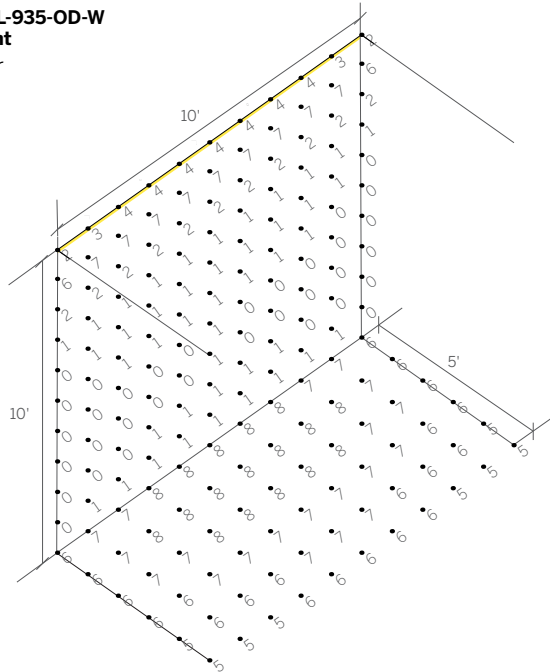
- 1 WD lumen data at maximum output (3000K).
- 2 RGBW lumen data at maximum output with 3000K White LED.
- 3 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 4 UGR value noted is the maximum UGR (crosswise) with 935 LEDs / 48" length.

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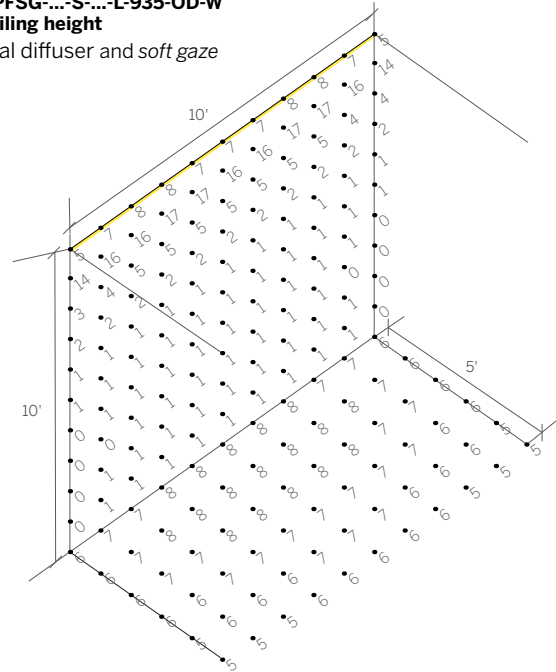
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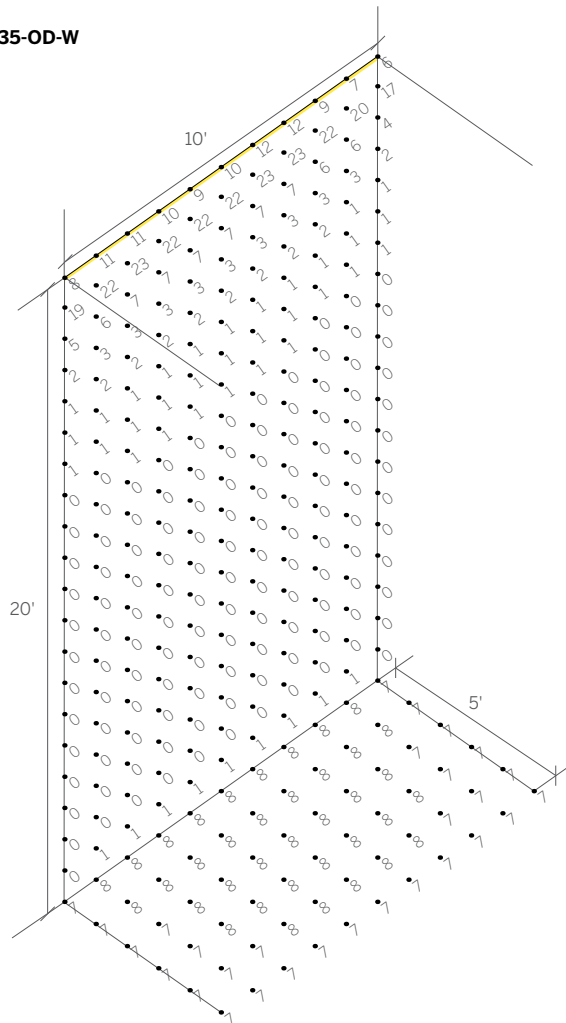
WG-20LPF-...-S-...-L-935-OD-W
10'-0" ceiling height
 Satin opal diffuser



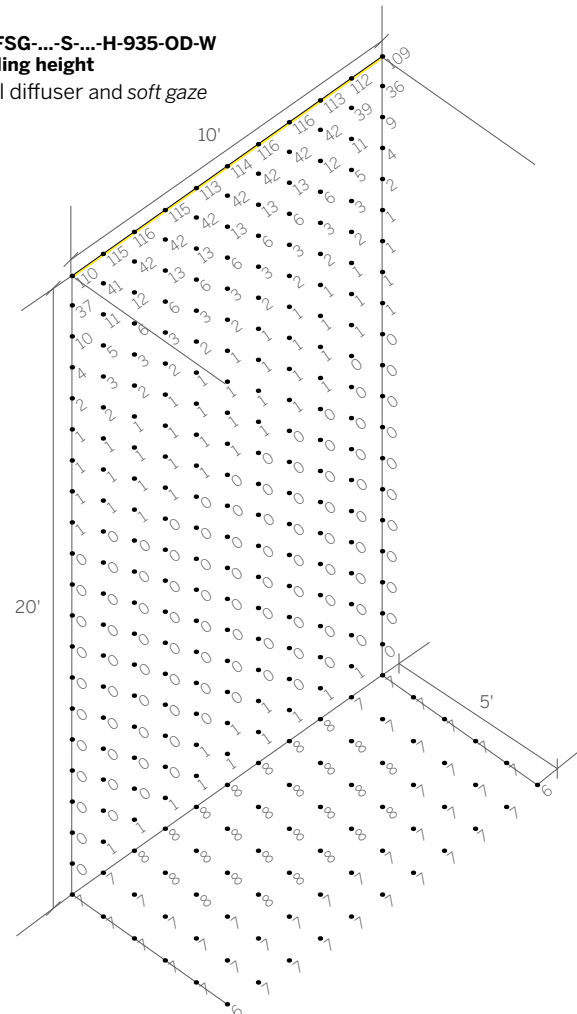
WG-20LPFSG-...-S-...-L-935-OD-W
10'-0" ceiling height
 Satin opal diffuser and soft gaze



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



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



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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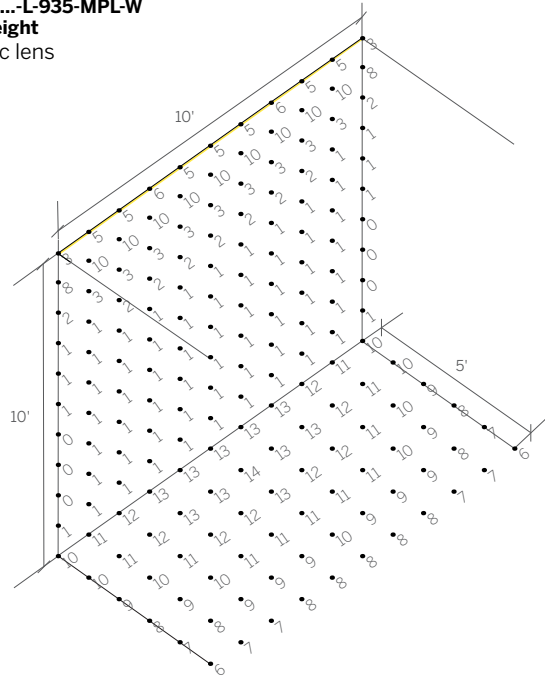


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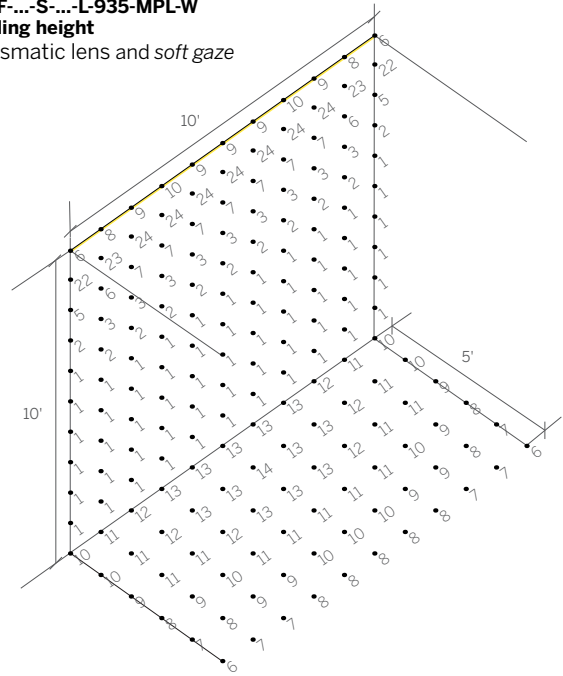
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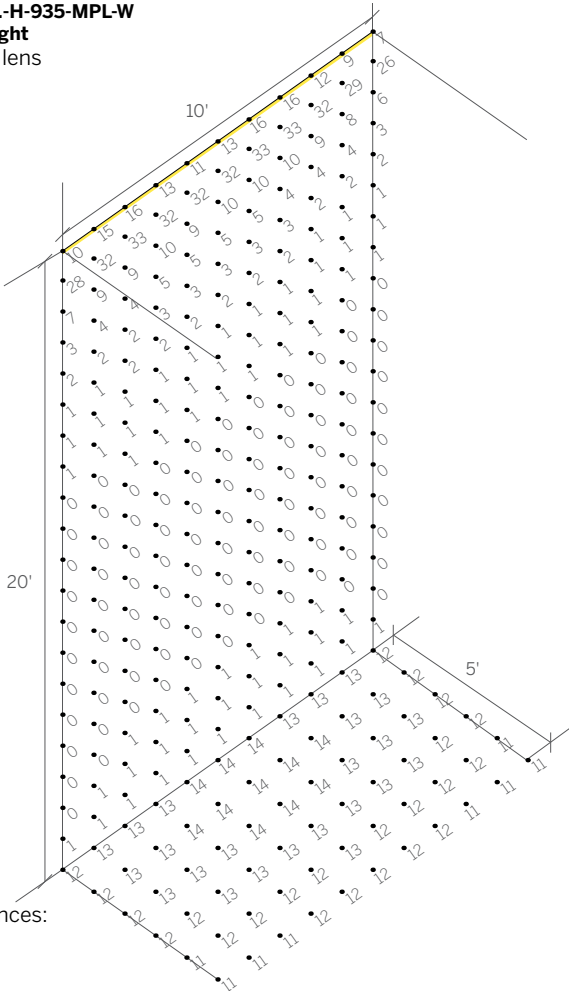
WG-20LPF-...-S-...-L-935-MPL-W
10'-0" ceiling height
Micro-prismatic lens



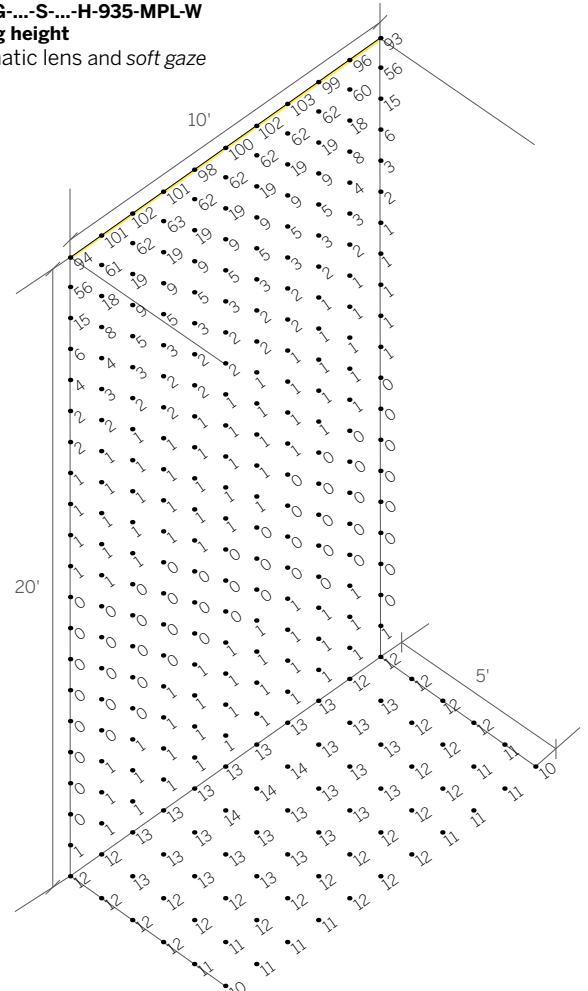
WG-20LPF-...-S-...-L-935-MPL-W
10'-0" ceiling height
Micro-prismatic lens and soft gaze



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



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



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