

20 Linear Perimeter Regressed and Wallgraze



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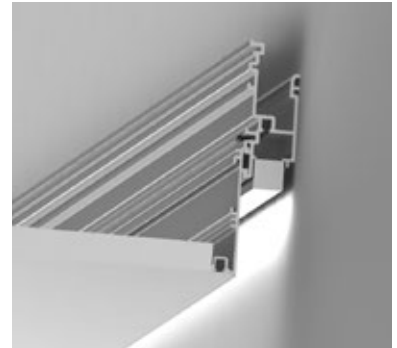


A perimeter pocket system with regressed mounted light source for continuous illumination of adjacent surfaces, available in any dimension to fully integrate with the architecture.

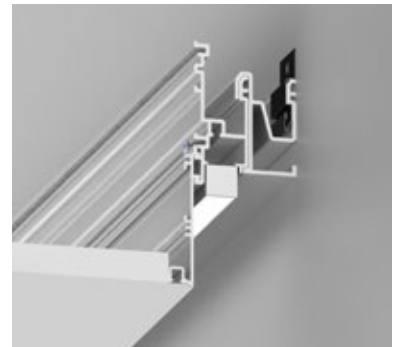
- Recessed perimeter mount fixture with regressed light for continuous mounting to any desired length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and luminous effect.
- *Soft Graze* version with 1" extension.
- Remote driver options (required). Field replaceable LEDs.
- Lengths and angles factory cut to exact field dimensions.
- Supplied with 4' class 2 plenum rated feed cable per fixture lengths.
- Efficacy up to 66 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 steps MacAdam (TW 80+ CRI).
- L70 (TM21 Projected 85°C) Static White 60,000 hours, Tunable White / RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry, damp (WL Wet Location optional), CE.

Contents

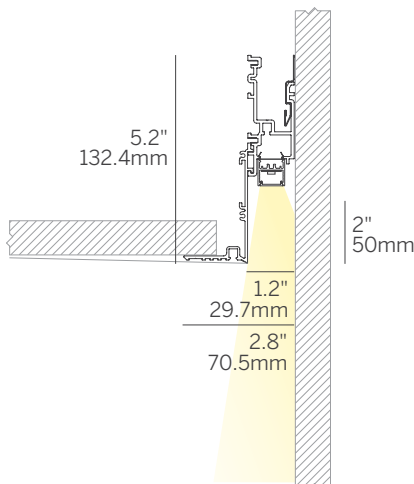
- 1 overview
- 2 specifications / configurator
- 3 photometry



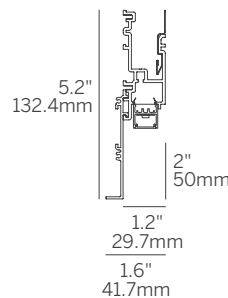
Recessed Plaster Trim (RPT)



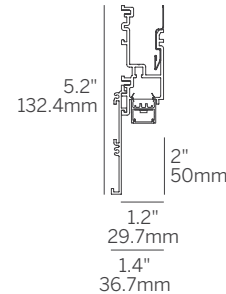
Soft Graze (SG)
Recessed Plaster Trim (RPT)



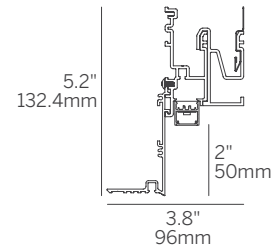
Recessed Plaster Trim (RPT)



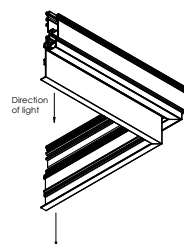
Recessed Bezel Trim (RBT)
Recessed Grid Trim (RGT9/RGT15)



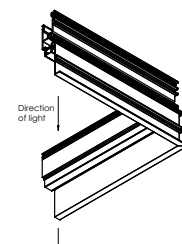
Recessed Return Trim (RRT)



Soft Graze (SG)
Recessed Plaster Trim (RPT)



Pattern Inside (PI)



Pattern Outside (PO)

QS Quick Ship Available

20 Linear Perimeter Regressed and Wallgraze

Ordering Information

Model	Fixation	Pattern	Length	Power ²	CRI/CCT ³	Driver ⁴	Lens	Finish	Options
WG-20LPR WG-20LPRSG	RPT RBT RRT RGT9 RGT15	S PI ¹ PO ¹ PZ ¹	A A x B A x B x C A x B x A x B	L M H PO P1 P2 P3	927 930 935 940 WD RGBW TW1840 TW2765	X S D010 DPH L3DAE L3DOE D2DT6 D2DT8	EL96 DALI DMX OD (std) SD MPL NL16 LL45B ⁵ LL45W ⁵ LL45S ⁵	W (std) B S F	AWNRF BT EM WL ⁶

Model

- WG-20LPR = 20 Linear Perimeter Regressed
- WG-20LPRSG = 20 Linear Perimeter Regressed *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
- PZ = Non-standard patterns and/or corners other than 90°, 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)
- 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)
- P0 = 1.5 W/ft
- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft

CRI / CCT (90+ CRI minimum)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dim 1800K - 3000K
- RGBW = 3000K White
- TW1840 = Tunable white 1800K - 4000K
- TW2765 = Tunable white 2700K - 6500K

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
- D2DT6 = DALI-2 (DT6), 0.1% dimming (120-277V)
- D2DT8 = DALI-2 (DT8), 0.1% dimming (120-277V) [TW only]

Lens

- OD = Satin clear diffuser
- MPL = Micro-prismatic lens
- NL16 = Linear narrow lens, 16°
- LL45B = Linear louver black⁵
- LL45W = Linear louver white⁵
- LL45S = Linear louver satin⁵

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

Options

- AAWNRF = Lutron Athena Wireless Node RF (specify with D010, EL96, DALI, D2DT6 or D2DT8)
- BT = Wireless CAS – Casambi (specify with D010, EL96, DALI, DMX, D2DT6 or D2DT8)
- EM = Emergency LED driver (remote)
- WL = Wet Location Under Canopy / Cover⁶

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 Louver available in 4.75" increments, straight runs only.

6 Wet Location option available for OD / SD / MPL lenses and recessed / surface ceiling applications only.

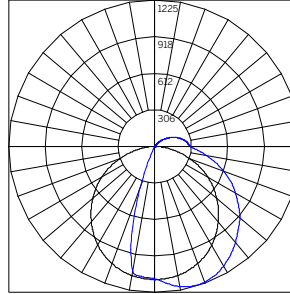
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WG-20LPR-...-OD-W

Delivered Lumens Per Foot

		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	172	345	603	—
	930	188	375	656	—
	935	222	445	779	—
	940	264	529	926	—
	WD ²	132	274	396	—
	RGBW ³	—	—	—	226
UGR ⁴		29.5	32.0	33.8	—



BEAM ANGLE (0-180) = 105.8°
BEAM ANGLE (90-270) = 114.2°

ILLUMINANCE - 48" OD H 3500K

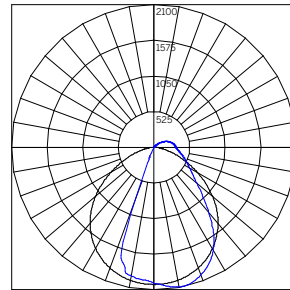
WG-20LPR-...-S-48-H-935-...-OD-W-...¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	306	5.3
4	77	10.6
6	34	15.9
8	19	21.1
10	12	26.4
12	9	31.7
14	6	37.0
16	5	42.3
18	4	47.6
20	3	52.9

WG-20LPR-...-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	234	467	818	—
	930	254	508	889	—
	935	301	604	1056	—
	940	359	717	1255	—
	WD ²	179	372	537	—
	RGBW ³	—	—	—	306
UGR ⁴		32.6	35.2	37.0	—



BEAM ANGLE (0-180) = 66.3°
BEAM ANGLE (90-270) = 105.9°

ILLUMINANCE - 48" SD H 3500K

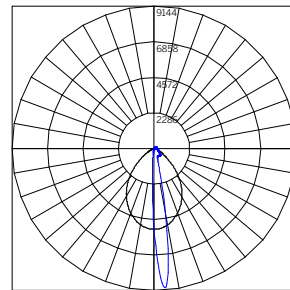
WG-20LPR-...-S-48-H-935-...-SD-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	525	2.6
4	131	5.2
6	58	7.8
8	33	10.4
10	21	13.1
12	15	15.7
14	11	18.3
16	8	20.9
18	6	23.5
20	5	26.1

WG-20LPR-...-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	191	382	669	—
	930	208	415	727	—
	935	246	494	863	—
	940	293	586	1026	—
	WD ²	146	304	439	—
	RGBW ³	—	—	—	250
UGR ⁴		16.2	18.8	20.6	—



BEAM ANGLE (0-180) = 10.6°
BEAM ANGLE (90-270) = 78.2°

ILLUMINANCE - 48" NL16 H 3500K

WG-20LPR-...-S-48-H-935-...-NL16-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	2286	0.4
4	572	0.7
6	254	1.1
8	143	1.5
10	91	1.9
12	64	2.2
14	47	2.6
16	36	3.0
18	28	3.3
20	23	3.7

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

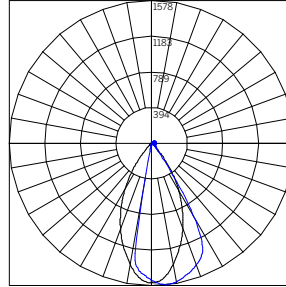
- 1 Polar Plot and Cone of Light are applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
- 2 WD lumen data at maximum output (3000K).
- 3 RGBW lumen data at maximum output with 3000K White LED.
- 4 UGR value noted is the maximum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

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WG-20LPR-...-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	57	113	199	—
	930	62	123	216	—
	935	73	147	256	—
	940	87	174	305	—
	WD ²	43	90	130	—
	RGBW ³	—	—	—	74
UGR ⁴		16.2	18.8	20.6	—



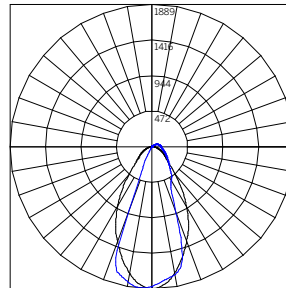
BEAM ANGLE (0-180) = 50.0°
BEAM ANGLE (90-270) = 51.4°

ILLUMINANCE - 48" LL45B H 3500K
WG-20LPR-...-S-48-H-935-...-LL45B-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	395	1.9
4	99	3.7
6	44	5.6
8	25	7.5
10	16	9.3
12	11	11.2
14	8	13.1
16	6	14.9
18	5	16.8
20	4	18.7

WG-20LPR-...-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	107	213	374	—
	930	116	232	406	—
	935	138	276	482	—
	940	164	328	573	—
	WD ²	82	170	245	—
	RGBW ³	—	—	—	140
UGR ⁴		16.2	18.8	20.6	—



BEAM ANGLE (0-180) = 39.9°
BEAM ANGLE (90-270) = 59.9°

ILLUMINANCE - 48" LL45W H 3500K
WG-20LPR-...-S-48-H-935-...-LL45W-W¹

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	472	1.5
4	118	2.9
6	52	4.4
8	30	5.8
10	19	7.3
12	13	8.7
14	10	10.2
16	7	11.6
18	6	13.1
20	5	14.5

Power Multiplier			
	L [3 W/ft]	M [6 W/ft]	H [10 W/ft]
9XX	0.29	0.57	1.00
WD	0.17	0.35	0.51
RGBW	—	0.29	—

CCT Multiplier			
	927	930	935
	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.