20 Linear Perimeter Regressed and Wallgraze

BAA / BABA

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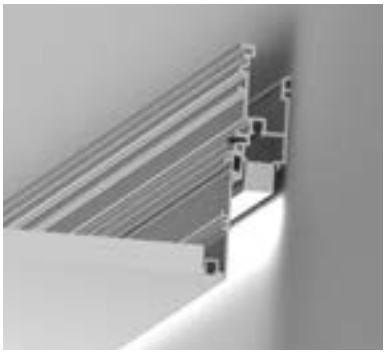
Contents

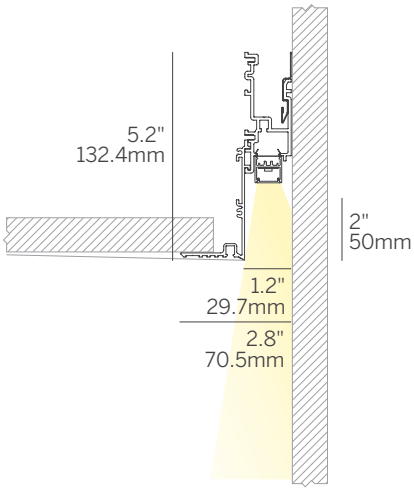


Recessed Plaster Trim (RPT)

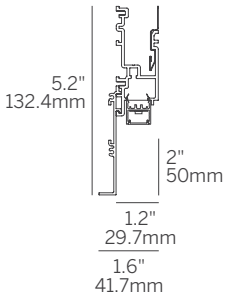
Soft Graze (SG)
Recessed Plaster Trim (RPT)

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.

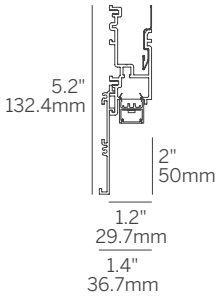
- Recessed perimeter mount fixture with regressed light for continuous mounting to any desired length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and luminous effect.
- *Soft Graze* version with 1" extension.
- Remote driver options (required). 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 89 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, Tunable White / RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry, damp (WL Wet Location optional), CE.



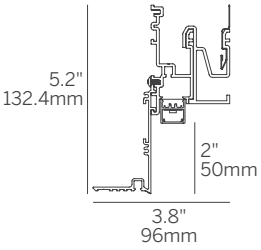
Recessed Plaster Trim (RPT)



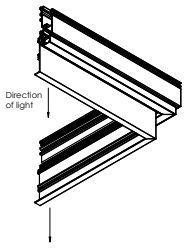
Recessed Bezel Trim (RBT)
Recessed Grid Trim (RGT9/RGT15)



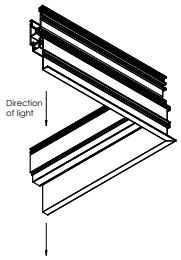
Recessed Return Trim (RRT)



Soft Graze (SG)
Recessed Plaster Trim (RPT)



Pattern Inside (PI)



Pattern Outside (PO)

QS Quick Ship Available

20 Linear Perimeter Regressed and Wallgraze

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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	927 930 935 940 WD RGBW	X S D010 DPH L3DAE L3D0E EL96 DALI DMX	OD (std) MPL NL16 LL45B[5] LL45W[5]	W (std) B S F	AWNRF BT EM WL[6]
				P0 P1 P2 P3	TW1840 TW2765	D2DT6 D2DT8			

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 plane[1]
- PO = Standard patterns 2, 3 or 4 sided with 90° outside corners on the same plane[1]
- PZ = Non-standard patterns and/or corners other than 90°, consult factory[1]

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[2]
- 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
- L3D0E = 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 opal diffuser (standard)
- MPL = Micro-prismatic lens
- NL16 = Linear narrow lens, 16°
- LL45B = Linear louver black[5]
- LL45 W = Linear louver white[5]

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
- AWNRF = 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 / Cover[6]

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 Louver available in 0.5" increments, straight runs only.
6 Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.

Lenses/Accessories

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

Narrow Lens (NL16)

Louver (LL45)

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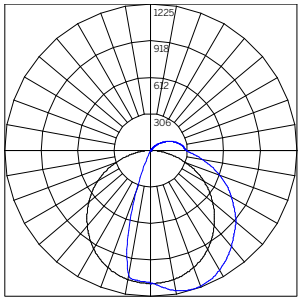
WG-20LPR-...-OD-W[1]
Delivered Lumens Per Foot

		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	–

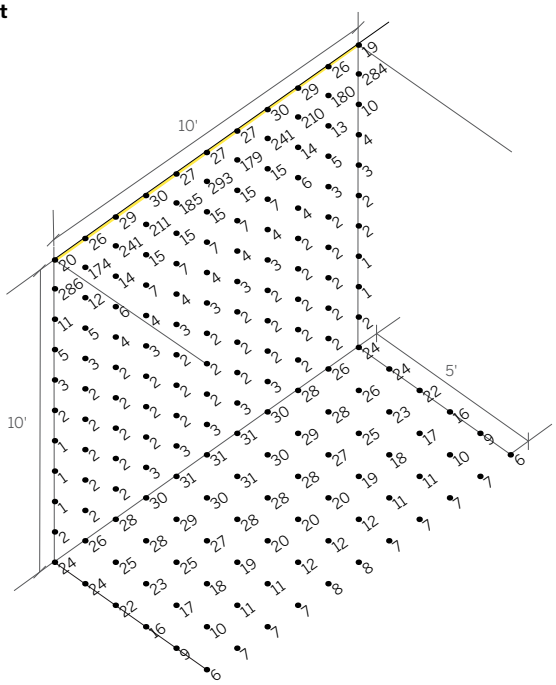


BEAM ANGLE (0-180) = 105.8°
BEAM ANGLE (90-270) = 114.2°

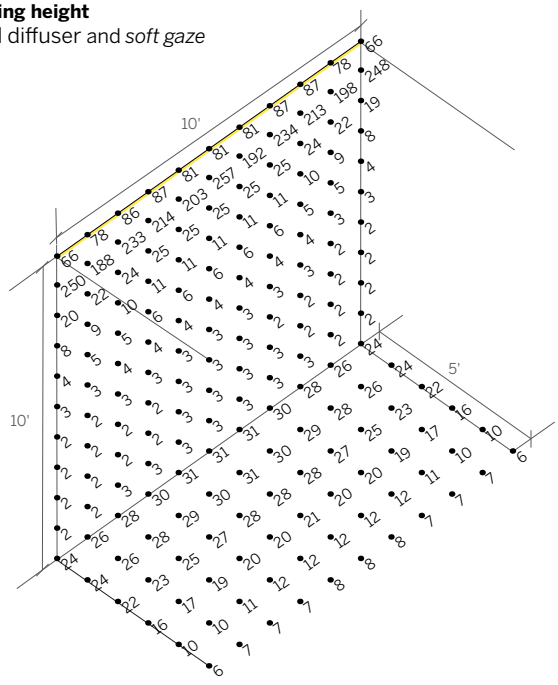
WG-20LPR-...-OD-W[1]
Delivered Lumens Per Foot

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840[5]	164	319	592	911
	TW2765[2]	164	312	584	911

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



WG-20LPRSG-...-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]
9XX	0.29	0.57	1.00
WD	0.17	0.35	0.51
RGBW	–	0.29	–

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplie				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is 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.
5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

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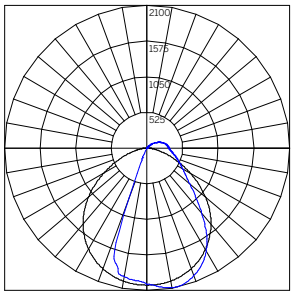
WG-20LPR-...-MPL-W[1]
Delivered Lumens Per Foot

		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	–

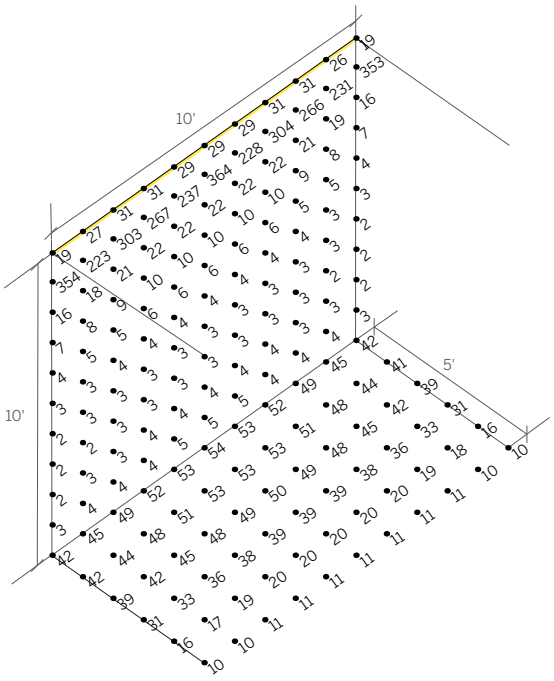


BEAM ANGLE (0-180) = 66.3°
BEAM ANGLE (90-270) = 105.9°

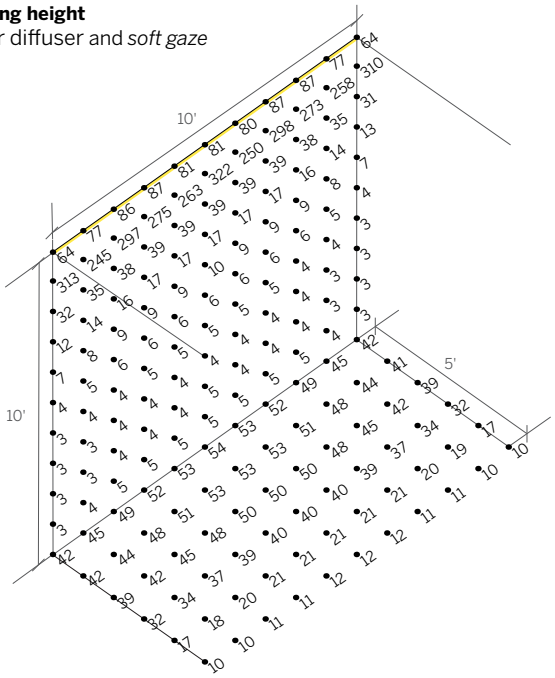
WG-20LPR-...-MPL-W[1]
Delivered Lumens Per Foot

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840[5]	222	433	803	1236
	TW2765[5]	222	423	792	1236

WG-20LPR-...-S-...-H-935-MPL-W
10'-0" ceiling height
Satin clear diffuser



WG-20LPRSG-...-S-...-H-935-MPL-W
10'-0" ceiling height
Satin clear diffuser and *soft gaze*



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	–

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplie				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is 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.
5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

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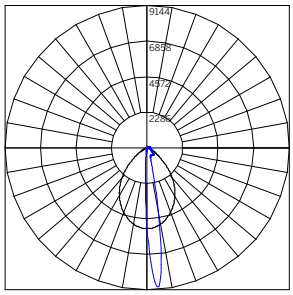
WG-20LPR-...-NL16-W[1]
Delivered Lumens Per Foot

		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]	23.6	26.1	27.9	–

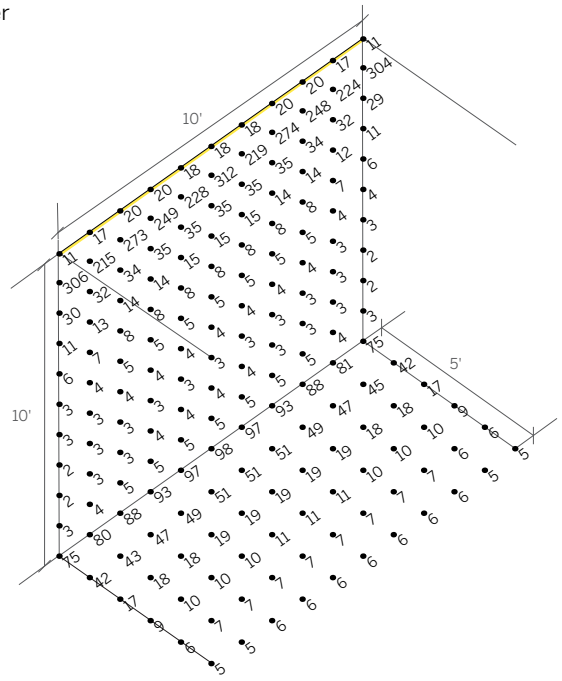


BEAM ANGLE (0-180) = 10.6°
BEAM ANGLE (90-270) = 78.2°

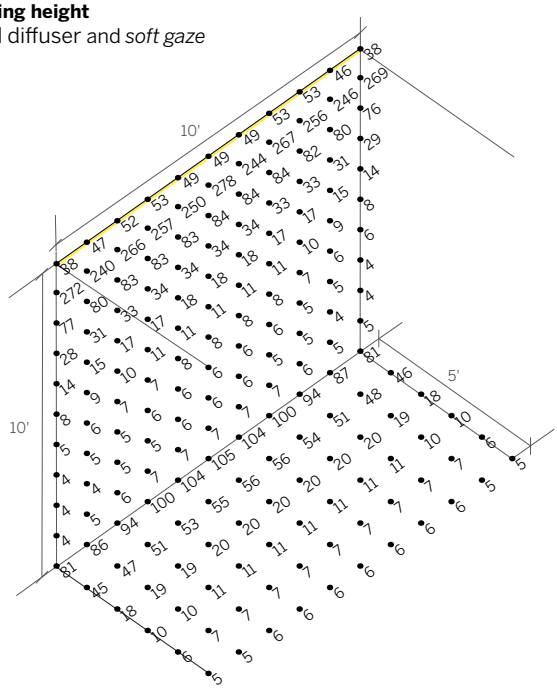
WG-20LPR-...-NL16-W[1]
Delivered Lumens Per Foot

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840[5]	181	354	656	1010
	TW2765[5]	181	345	648	1010

WG-20LPR-...-S-...-H-935-NL16-W
10'-0" ceiling height
Satin opal diffuser



WG-20LPRSG-...-S-...-H-935-NL16-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]
9XX	0.29	0.57	1.00
WD	0.17	0.35	0.51
RGBW	–	0.29	–

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplie				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is 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.
5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

20 Linear Perimeter Regressed and Wallgraze

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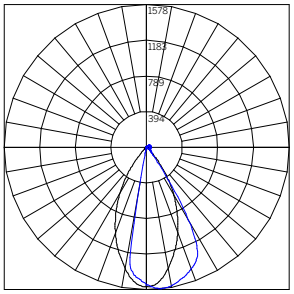
WG-20LPR-...-LL45B-W[1]
Delivered Lumens Per Foot

		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	–

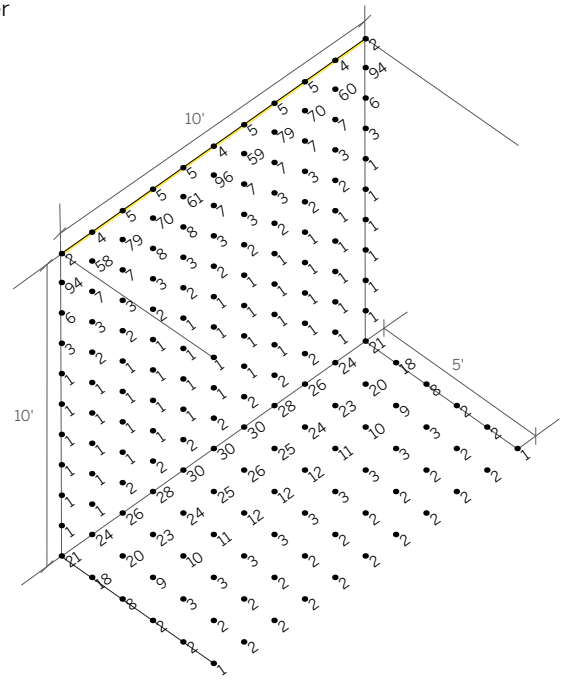


BEAM ANGLE (0-180) = 50.0°
BEAM ANGLE (90-270) = 51.4°

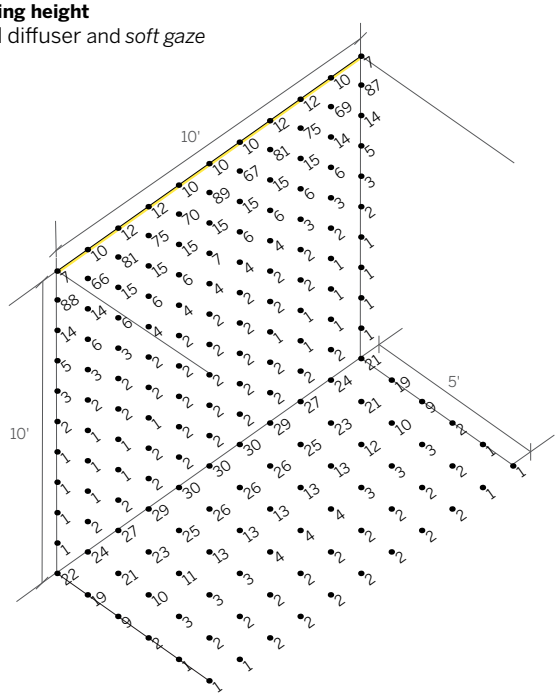
WG-20LPR-...-LL45B-W[1]
Delivered Lumens Per Foot

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840[5]	54	105	195	300
	TW2765[5]	54	103	192	300

WG-20LPR-...-S-...-H-935-LL45B-W
10'-0" ceiling height
Satin opal diffuser



WG-20LPRSG-...-S-...-H-935-LL45B-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]
9XX	0.29	0.57	1.00
WD	0.17	0.35	0.51
RGBW	–	0.29	–

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplie				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is 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.
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5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.

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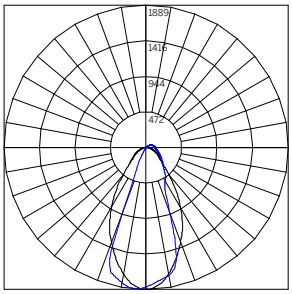
WG-20LPR-...-LL45W-W[1]
Delivered Lumens Per Foot

		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]	27.8	30.4	32.2	–

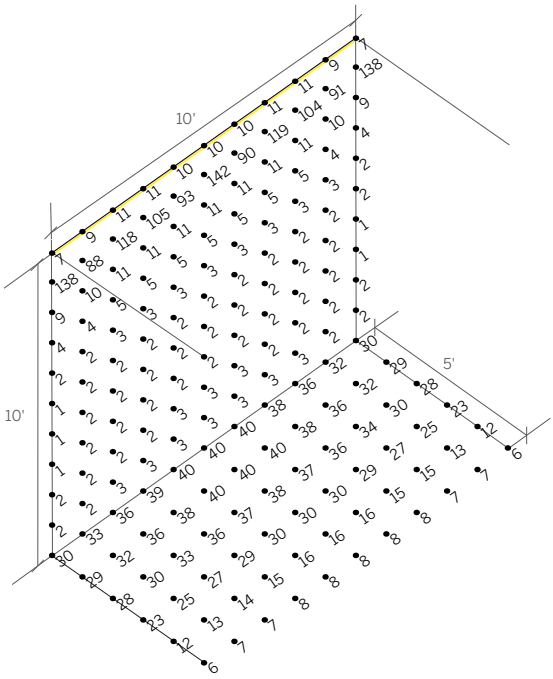


BEAM ANGLE (0-180) = 39.9°
BEAM ANGLE (90-270) = 59.9°

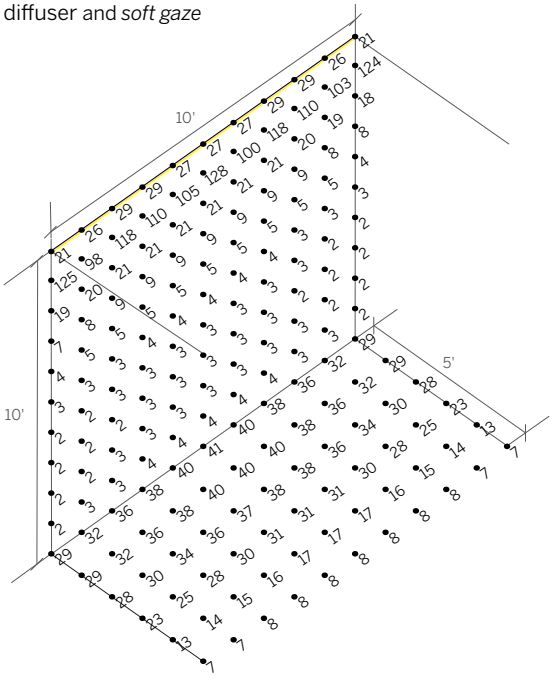
WG-20LPR-...-LL45W-W[1]
Delivered Lumens Per Foot

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840[5]	101	198	367	564
	TW2765[5]	101	193	362	564

WG-20LPR-...-S-...-H-935-LL45W-W
10'-0" ceiling height
Satin opal diffuser



WG-20LPRSG-...-S-...-H-935-LL45W-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]
9XX	0.29	0.57	1.00
WD	0.17	0.35	0.51
RGBW	–	0.29	–

Power Multiplier				
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
TW1840	0.21	0.41	0.76	1.17
TW2765	0.21	0.40	0.75	1.17

CCT Multiplie				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is 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.
5 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produces approx. 40% less lumens at 1800K; TW2765 produces approx. 5% less lumens at 2700K.