

20 Linear Wash Light Surface



inter•lux



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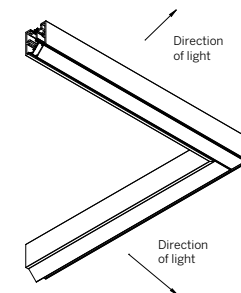
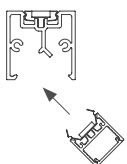
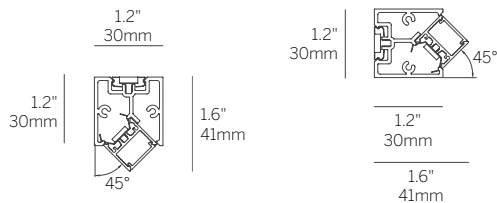
- 1 overview
- 2 specifications / configurator
- 3 photometry



Miniature Surface Mount Wash Light for even illumination of walls, ceilings and floors. Mounts via invisible clip to any surface or toolless mounting to grid ceilings.

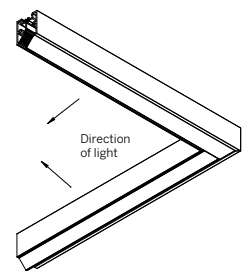
QS Quick Ship Available

- Surface mounted wash light with minimal housing for continuous mounting to any desired length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and low brightness.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED and driver without upsetting the ceiling.
- Efficacy up to 80 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85C) Static White 60,000 hours, RGBW / Tunable White 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp locations.
- Lengths and angles factory-cut to exact field dimensions. Standard and custom corners.
- Supplied with 4' class 2 plenum rated feed cable per fixture length.
- Powdercoat painted.



Pattern Inside (PI)

Minimum Angle 30°
Maximum Angle 180°



Pattern Outside (PO)

20 Linear Wash Light Surface

Ordering Information									
WG-20LWW-SM									
Model	Fixation	Pattern	Length	Power ²	CRI/CCT ³	Driver ⁴	Lens	Finish	Options
WG-20LWW-SM	SC GT9 GT15	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	OD (std) MPL	W (std) B S F	AWNRF BT EM WL ⁵
				P0 P1 P2 P3	TW1840 TW2765	D2DT6 D2DT8			

Model

- WG-20LWW-SM = 20 Linear Wash Light Surface

Fixation

- SC = Screw clip
- GT9 = 9/16" T-bar grid clip
- GT15 = 15/16" T-bar grid clip

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° on multiple planes, 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 = 3W/ft low power (WD 2.7 W/ft) (24V)
- M = 6W/ft mid power (WD 5.5 W/ft) (24V) (RGBW - 7.6 W/ft)
- H = 10W/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 Dimming (1800K - 3000K)
- RGBW = 3000K White (M power only) [30ft max run length]
- 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) [TW only]
- D2DT8 = DALI-2 (DT8), 0.1% dimming (120-277V) [TW only]

Lens

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens

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 EL96, DALI or D2DT6/D2DT8 for TW)
- BT = Wireless CAS - Casambi (specify with D010, EL96, DALI, DMX or D2DT6/D2DT8 for TW)
- EM = Emergency (remote)
- WL = Wet Location Under Canopy / Cover⁵

- See pattern spec sheet.
- Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- See photometric data sheet for delivered lumens.
- Remote power supply required. See power supply page for details.
- Wet Location option available for OD / MPL lenses and recessed / surface ceiling applications only.

Lenses/Accessories



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

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WG-20LWW-SX-...-OD-W¹

Delivered Lumens Per Foot

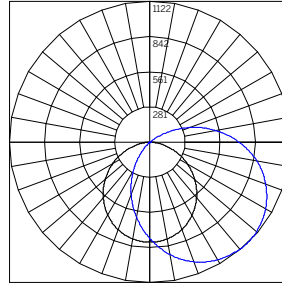
		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	183	366	641	-
	930	199	398	697	-
	935	236	473	828	-
	940	281	562	983	-
	WD ²	140	291	421	-
	RGBW ³	-	-	-	238
	UGR ⁴	37.4	39.9	41.7	-

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 ⁵	174	339	629	968
	TW2765 ⁵	174	331	621	968

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	-

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 Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

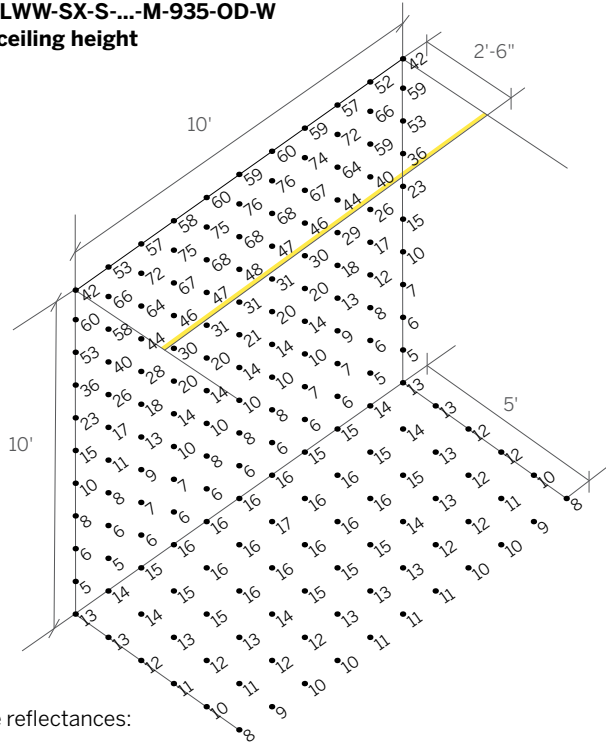


BEAM ANGLE (0-180) = 110.2

BEAM ANGLE (90-270) = 110.9

- 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.
- 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.

WG-20LWW-SX-S-...-M-935-OD-W 10'-0" ceiling height

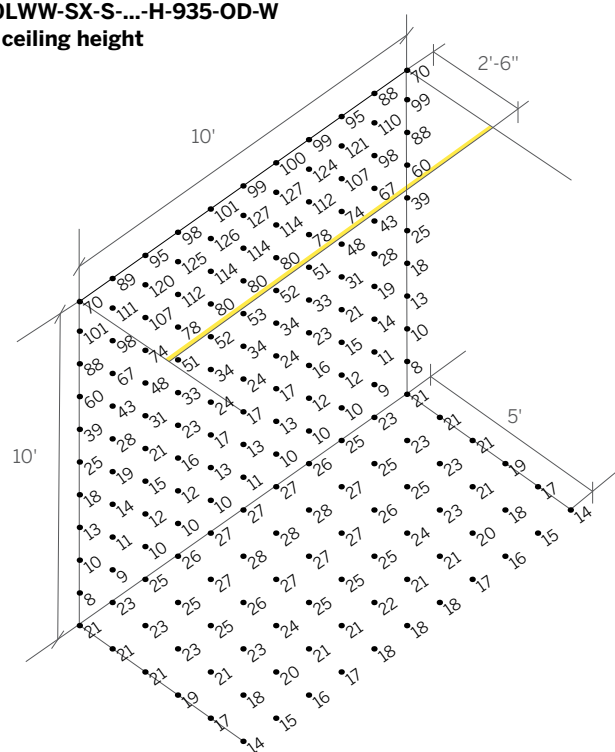


Surface reflectances:

80% Ceiling
50% Wall
20% Floor

Illuminance points are spaced 1'-0" on center.
Illuminance values are shown in units of foot-candles.

WG-20LWW-SX-S-...-H-935-OD-W 10'-0" ceiling height



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WG-20LWW-SX-...-MPL-W¹

Delivered Lumens Per Foot

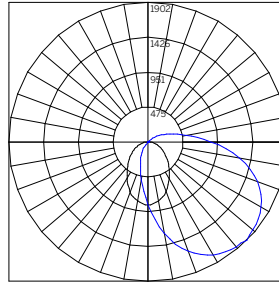
		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	209	418	732	-
	930	228	454	795	-
	935	270	540	945	-
	940	321	641	1123	-
	WD ²	160	332	481	-
RGBW ³		-	-	-	272
UGR ⁴		40.8	43.4	45.2	-

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 ⁵	198	387	718	1105
	TW2765 ⁵	198	378	709	1105

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	-

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 Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19



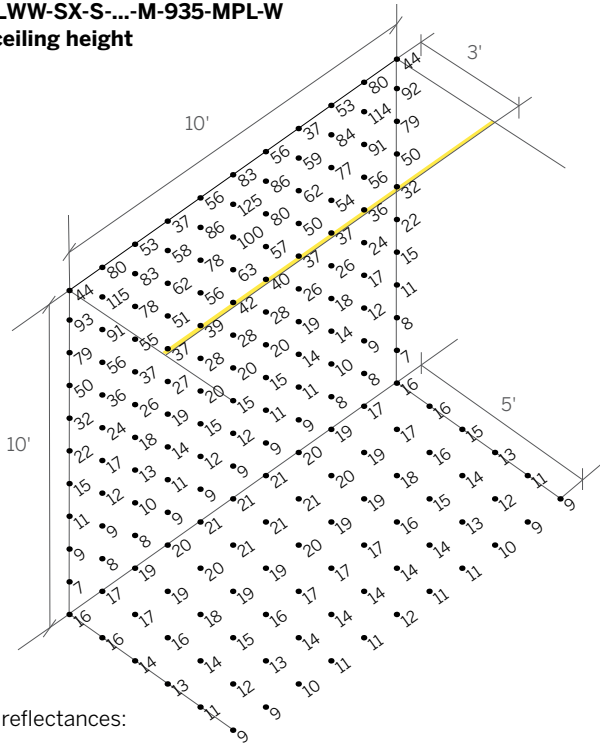
BEAM ANGLE (0-180) = 85.5

BEAM ANGLE (90-270) = 81.4

- 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.
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WG-20LWW-SX-S-...-M-935-MPL-W

10'-0" ceiling height



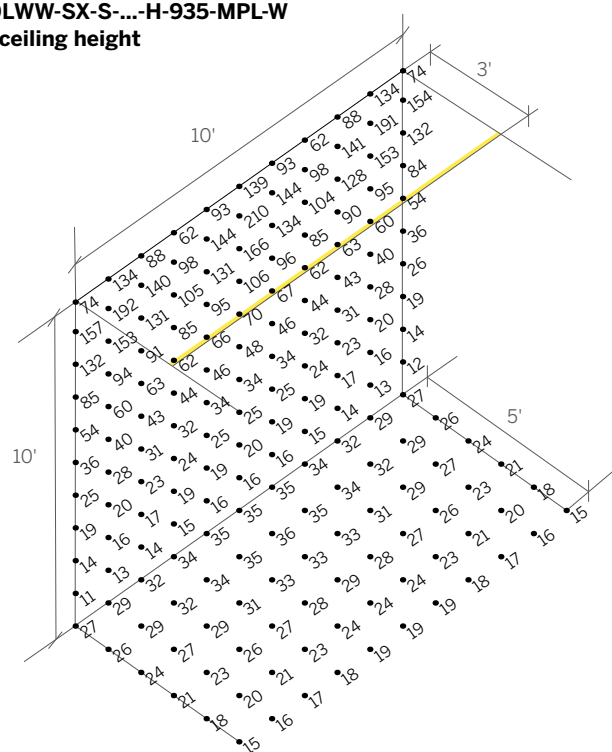
Surface reflectances:

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50% Wall
20% Floor

Illuminance points are spaced 1'-0" on center.
Illuminance values are shown in units of foot-candles.

WG-20LWW-SX-S-...-H-935-MPL-W

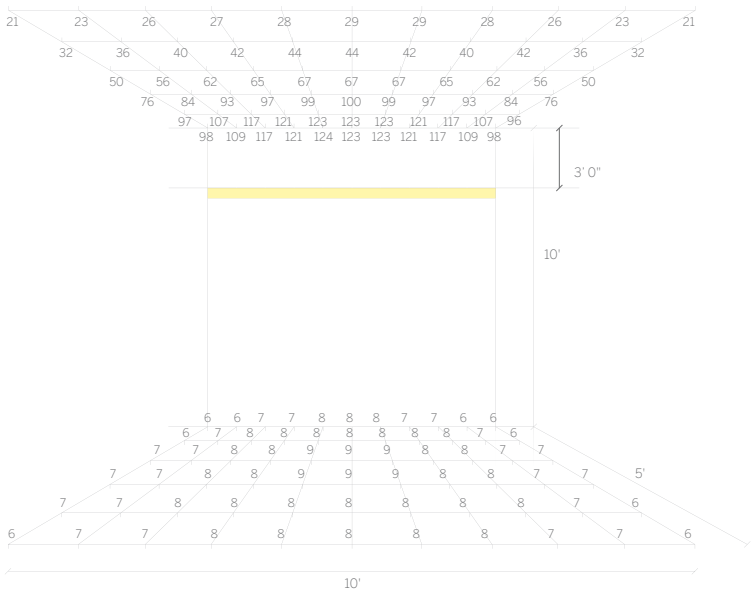
10'-0" ceiling height



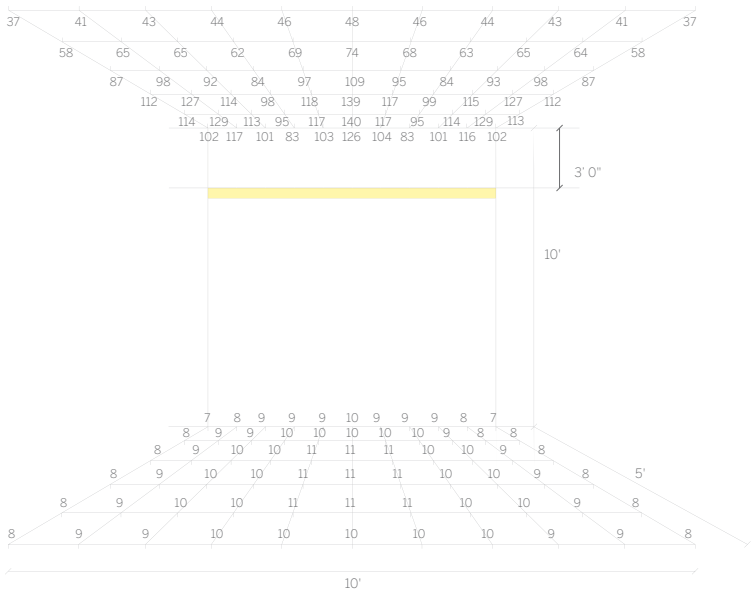
20 Linear Wash Light Surface



WG-20LWW-SM-...-S-...-H-935-OD-W
10'-0" ceiling height



WG-20LWW-SM-...-S-...-H-935-MPL-W
10'-0" ceiling height



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

Surface reflectances:

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- 50% Wall
- 20% Floor

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