

20 Linear Mini Edgeless Cove

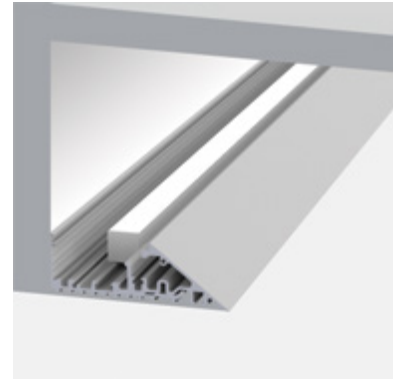


inter•lux



Contents

- 1 overview
- 2 specifications / configurator
- 3 photometry

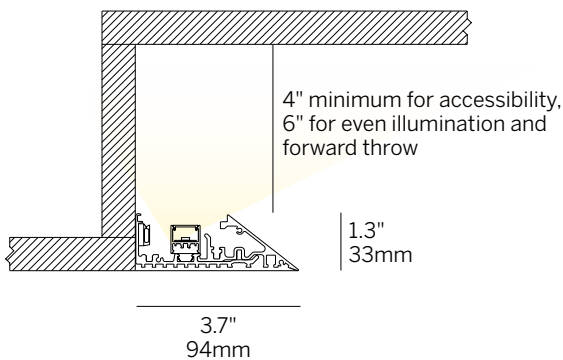


Compact but highly effective indirect cove system featuring a plaster trim precision knife edge for clean, minimal effect, fully concealing the light source.

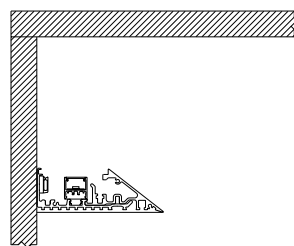


Quick Ship Available

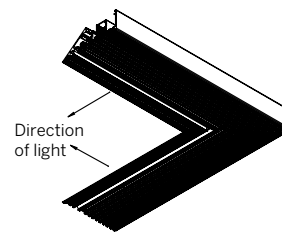
- Extremely small knife edge cove detail utilizing 20 Linear as the light source.
- Extruded aluminum housing, easily installed internal LED fixture insert. Remote driver. Field replaceable LED boards.
- Efficacy up to 94 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White / RGBW / Tunable White 50,000 hours. WD 36,000 hours.
- ETL and ETL-C for dry and damp locations.
- Standard satin clear diffuser for even illumination and no LED appearance. Optional satin opal diffuser for even illumination and no LED appearance.
- Lengths and angles factory cut to exact field dimensions. Standard and custom corners.
- 4' class 2 plenum rated feed cable standard.
- Powdercoat painted.



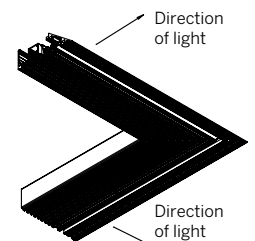
Cove Mount



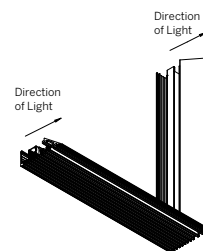
Wall Mount



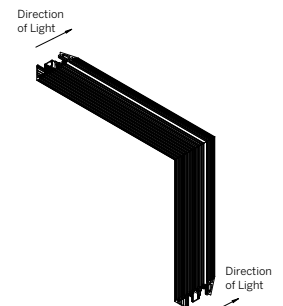
Pattern Coffered (PC)



Pattern Raft (PR)



Plane To Plane
Inside Corner (PPI)



Plane To Plane
Outside Corner (PPO)

20 Linear Mini Edgeless Cove

Ordering Information									
WG-20MEC	RPT								
Model	Fixation	Pattern	Length	Power ³	CRI/CCT ⁴	Driver ⁵	Lens	Finish	Options
WG-20MEC	RPT	S ¹ PC ² PR ² PPI ² PPO ² PZ ²	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	MPL (std) OD	W (std) F	AWNRF BT CDC EM
				P0 P1 P2 P3	TW1840 TW2765	D2DT6 D2DT8			

Model

- WG-MEC = Mini Edgeless Cove

Fixation

- RPT = Recessed Plaster Trim

Pattern

- S = Straight run¹
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° inside corners²
- PR = Standard patterns raft 2, 3 or 4 sided with 90° outside corners²
- PPI = Wall to wall / wall to ceiling, 90° inside corner²
- PPO = Wall to wall / wall to ceiling, 90° outside corner²
- PZ = Non-standard patterns and/or corners other than 90°, consult factory²

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)

Power³

- L = 2.7 W/ft WD low power (24V)
- M = 5.5 W/ft WD medium power (24V) [RGBW 7.6 W/ft]
- H = 8 W/ft WD high power (24V)
- P0 = 1.5 W/ft
- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft

CRI / CCT (90+ CRI minimum)⁴

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dim 1800K - 3000K
- RGBW = 3000K White (M power only)
[30ft max run length]
- TW1840 = Tunable white 1800K - 4000K
- TW2765 = Tunable white 2700K - 6500K

Driver (remote)⁵

- 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

- MPL = Micro-prismatic lens (standard)
- OD = Satin Opal Diffuser

Finish

- W = White, 15% gloss, RAL 9010 (standard)
- F = Custom finish, specify RAL

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with EL96, DALI, D2DT6 or D2DT8)
- BT = Wireless CAS – Casambi (specify with D010, EL96, DALI, DMX, D2DT6 or D2DT8)
- CDC = Clear Dust Cover
- EM = Emergency LED driver (remote)

- 1 Standard setup assumes the cove ends at a perpendicular wall and the LED board is setback from the end to minimize light on the perpendicular wall. Contact us for options.
- 2 See pattern specs sheet.
- 3 Wattage shown does not include power supplies/drivers.
- 4 See photometric data sheet for delivered lumens.
- 5 See power supply page for details.

Lenses/Accessories

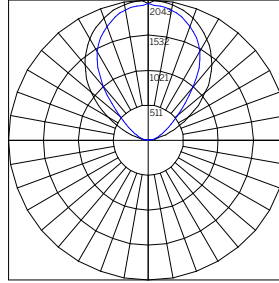


Micro-prismatic Lens (MPL)
Opal Diffuser (OD)

20 Linear Mini Edgeless Cove

WG-20MEC-...-MPL-W¹ Delivered Lumens Per Foot

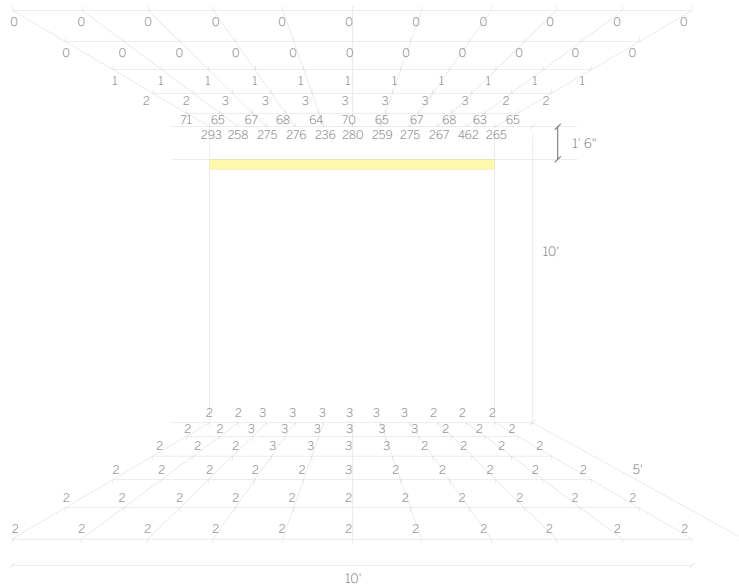
		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	248	495	867	—
	930	270	538	942	—
	935	319	640	1119	—
	940	380	760	1330	—
	WD ²	190	394	569	—
	RGBW ³	—	—	—	322



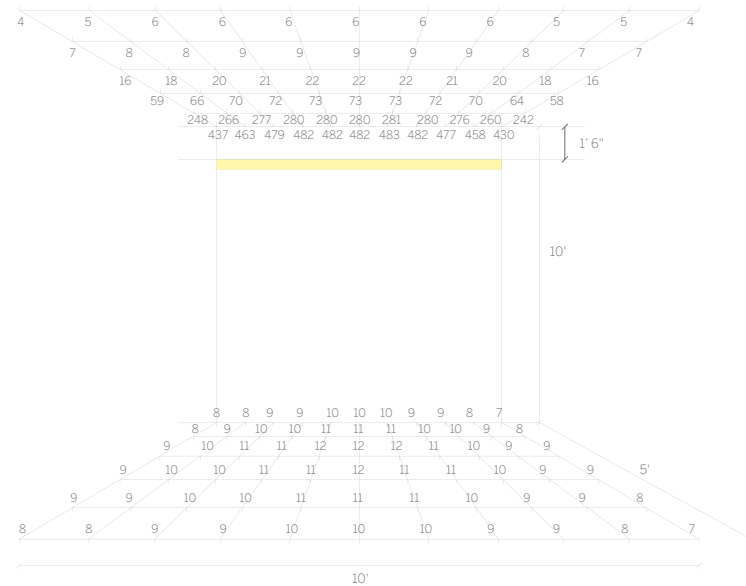
BEAM ANGLE (0-180) = 80.2
BEAM ANGLE (90-270) = 100.7

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 ⁴	235	459	851	1310
	TW2765 ⁴	235	448	840	1310

WG-20MEC-RPT-...-L-935-X-MPL-W 10'-0" ceiling height Satin opal diffuser



WG-20MEC-RPT-...-H-935-X-MPL-W 10'-0" ceiling height Satin opal diffuser



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

Surface reflectances:

80% Ceiling

50% Wall

20% Floor

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

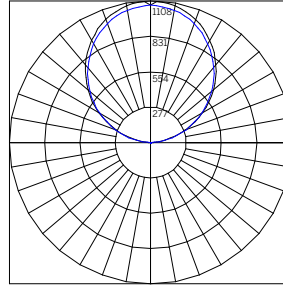
Illuminance values are shown in units of foot-candles.

- 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 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 Mini Edgeless Cove

WG-20MEC-...-OD-W¹ Delivered Lumens Per Foot

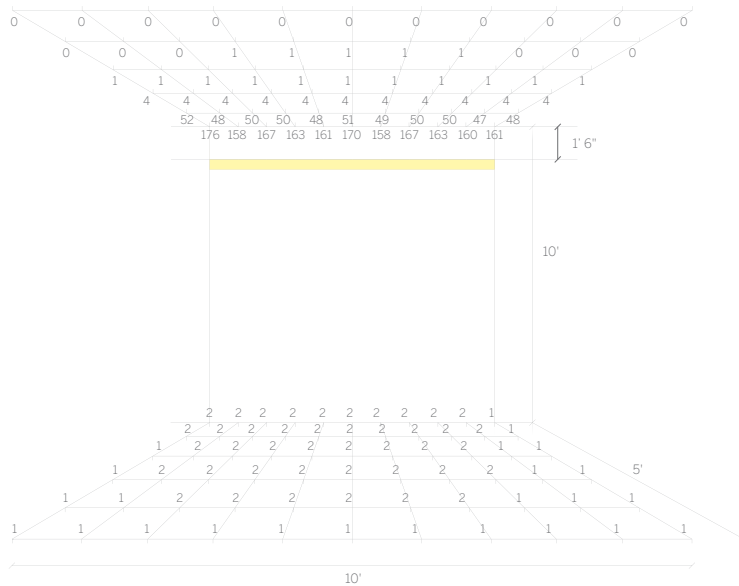
		Power			
		L [3 W/ft]	M [6 W/ft]	H [10 W/ft]	RGBW [7.6 W/ft]
CCT	927	176	352	617	—
	930	192	383	670	—
	935	227	455	796	—
	940	270	540	946	—
	WD ²	135	280	405	—
RGBW ³		—	—	—	229



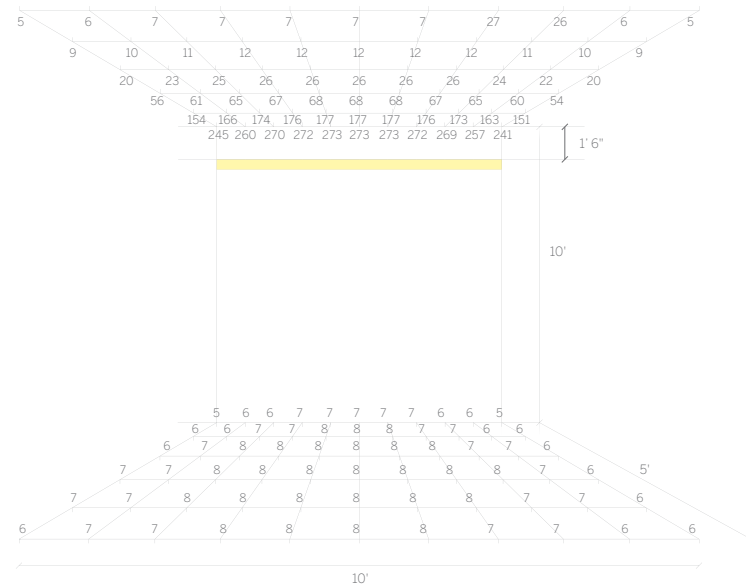
BEAM ANGLE (0-180) = 110.1
BEAM ANGLE (90-270) = 110.1

		Power			
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]
CCT	TW1840 ⁴	167	326	605	931
	TW2765 ⁴	167	318	597	931

WG-20MEC-RPT-...-L-935-X-OD-W 10'-0" ceiling height Satin opal diffuser



WG-20MEC-RPT-...-H-935-X-OD-W 10'-0" ceiling height Satin opal diffuser



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

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.

- 1 Polar Plot is applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.
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