

# 20 Linear Mini Edgeless Cove



Ordering Information									
Model	Fixation	Pattern	Length	Power <sup>3</sup>	CRI/CCT <sup>4</sup>	Driver <sup>5</sup>	Lens	Finish <sup>6</sup>	Options
WG-20MEC	RPT	S <sup>1</sup> PC <sup>2</sup> PR <sup>2</sup> PZ <sup>2</sup>	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 L3DAE L3D0E DFPN EL96 DMX	SD (std) OD	W (std) F	CDC EM

## QUICKSHIP HOUSINGS AVAILABLE

### Luminaire

- Extremely small knife-edge cove utilizing the 20 Linear for general indirect distribution for continuous mounting to any desired length (1/4" increments).
- Multiple lens options for diffuse, high efficiency and low brightness.
- Remote driver options (required). Field replaceable LED boards.
- Lengths and angles factory cut to exact field dimensions.
- 90+ CRI, 3 steps MacAdam.
- L70 (TM21 Projected 85C) Static White 60,000 hours, RGBW 50,000 hours, WD 36,000 hours.
- ETL and ETL-C for dry and damp location.

### Fixation

- RPT = Recessed plaster trim

### Pattern

- S = Straight run<sup>1</sup>
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° corners<sup>2</sup>
- PR = Standard patterns raft 2, 3 or 4 sided with 90° corners<sup>2</sup>
- PZ = Non-standard patterns and/or corners other than 90°, consult factory<sup>2</sup>

### 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)

### Power<sup>3</sup>

- 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)

### CRI/CCT (90+ CRI)<sup>4</sup>

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- WD = Warm Dimming 1800 - 3000K
- RGBW = 3000K White (M power only)

### Driver (remote)<sup>5</sup>

- X = No driver, ordered separately
- S = Standard driver 120-277V
- D010 = Osram, 10%, 0-10V dimming, 120-277V
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3D0E = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- DFPN = Lutron Forward Phase 1%, 120VAC
- EL96 = Osram / EldoLED, 24V, 0.1% 0-10V Dimming
- DMX = Osram / EldoLED, 24V, 0.1% DMX Dimming

### Lens

- SD = Satin clear diffuser (standard)
- OD = Satin opal diffuser

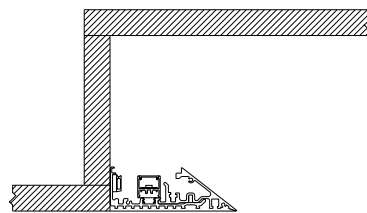
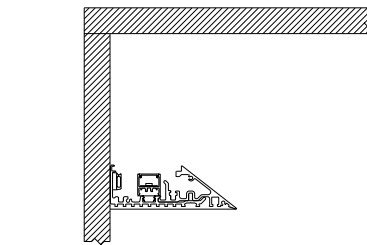
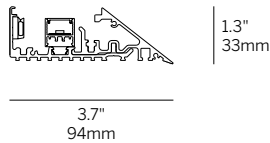
### Finish<sup>6</sup>

- W = White, 15% gloss, Tiger Drylac 49/11350 (standard)
- F = Custom finish, specify RAL

### Options

- CDC = Clear dust cover
- EM = Emergency (remote)

- 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.
- 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.
- See Tiger Drylac color chart: [inter-lux.com/tiger](http://inter-lux.com/tiger)



Gypsum Ceiling Mounting Options.  
4" minimum offset, 12" typical offset.  
Can be installed in Cove or Coffe.

### Lenses/Accessories



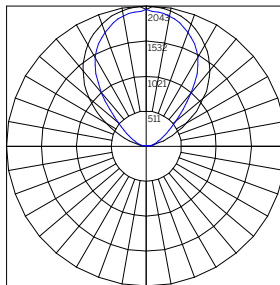
Opal Diffuser (OD)  
Satin Diffuser (SD)

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## WG-20MEC-...-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	248	495	867	-
	930	270	538	942	-
	935	319	640	1119	-
	940	380	760	1330	-
	WD <sup>2</sup>	190	394	569	-
	RGBW <sup>3</sup>	-	-	-	322
UGR <sup>4</sup>		-	-	-	-
Fixture Efficiency = 82%		Lumens Per Watt = 89			



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

## ILLUMINANCE - 48" SD H 3500K

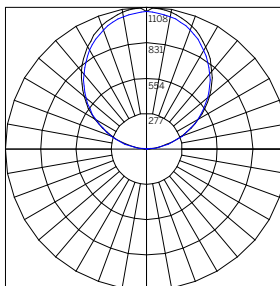
WG-20MEC-...-S-48-H-935-...-SD-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	511	3.4
4	128	6.7
6	57	10.1
8	32	13.5
10	20	16.8
12	14	20.2
14	10	23.6
16	8	26.9
18	6	30.3
20	5	33.7

## WG-20MEC-...-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 <sup>2</sup>	135	280	405	-
	RGBW <sup>3</sup>	-	-	-	229
UGR <sup>4</sup>		-	-	-	-
Fixture Efficiency = 58%		Lumens Per Watt = 64			



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

## ILLUMINANCE - 48" OD H 3500K

WG-20MEC-...-S-48-H-935-...-OD-W-...<sup>1</sup>

Mounting Height [ft]	Illuminance [fc at max cd]	Beam Width [ft]
2	277	5.7
4	69	11.4
6	31	17.2
8	17	22.9
10	11	28.6
12	8	34.3
14	6	40.1
16	4	45.8
18	3	51.5
20	3	57.2

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 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.