

# Edgeless Cove

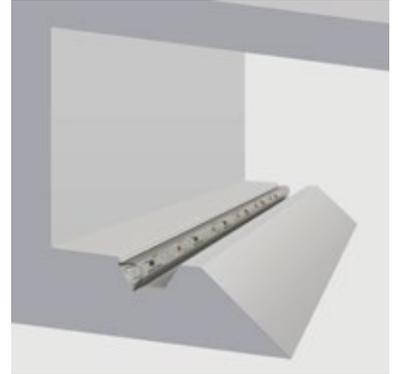


inter•lux



## Contents

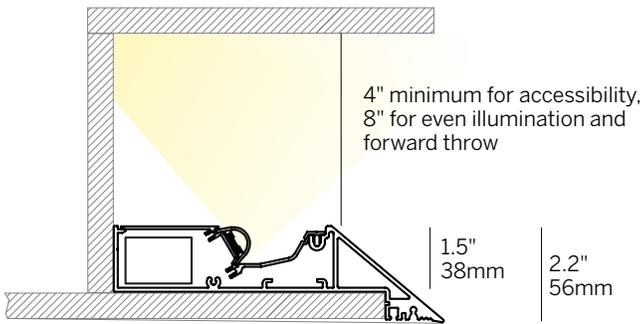
- 1 overview
- 2 specifications / configurator
- 3 photometry



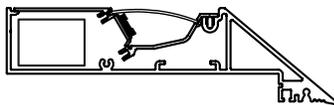
The original continuous knife edge cove system featuring plaster-in precision for clean, minimal effect with optimized distribution for maximum throw of light.

**QS** Quick Ship Available

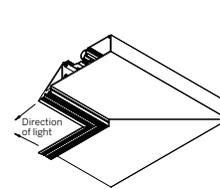
- Continuous plaster-in knife edge cove system that delivers an even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove.
- Light source positioned for optimum horizontal and lateral spread of illumination.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED and driver without upsetting the ceiling.
- Efficacy up to 169 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White / Tunable White / RGBW 50,000 hours. Warm Dim 36,000 hours.
- ETL and ETL-C for dry and damp locations, CE, Chicago Plenum.
- Satin clear diffuser for high efficiency and soft edge beam without striations.
- Lengths and angles factory cut to exact field dimensions. Standard and custom corners.
- Powdercoat painted.



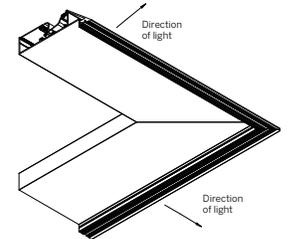
7.5" 190mm  
Snap On Satin Diffuser (SSD)



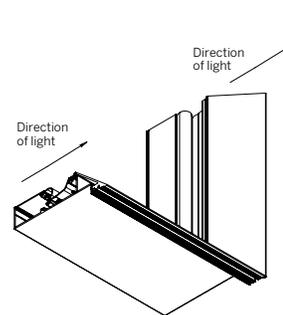
Satin Clear Dust Cover (SDC)



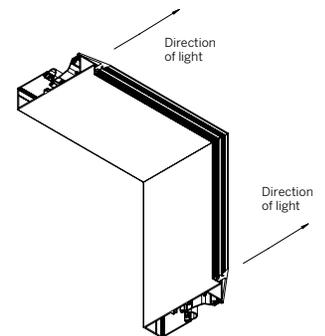
Pattern Coffered (PC)



Pattern Raft (PR)



Plane To Plane Inside Corner (PPI)



Plane To Plane Outside Corner (PPO)

Ordering Information									
Model	Fixation	Pattern	Length	Power <sup>3</sup>	CRI/CCT <sup>4</sup>	Driver <sup>5</sup>	Lens	Finish	Options
WG-EC	RPT	S <sup>1</sup> PC <sup>2</sup> PR <sup>2</sup> PPI <sup>2</sup> PPO <sup>2</sup> PZ <sup>2</sup>	A A x B A x B x C A x B x A x B	P0 P1 P2 P3 P4  L M H	927 930 935 940 TW1840 TW2765  WD RGBW	E1 L1 D2DT6 D2DT8  D010 DPH L3DAE L3DOE	SSD (std) SDC	W (std) F	AWNRF BT CP LEC REC LREC EM

### Model

- WG-EC = Edgeless Cove

### Fixation

- RPT = Recessed Plaster Trim

### Pattern

- S = Straight run<sup>1</sup>
- PC = Standard patterns coffer 2, 3 or 4 sided with 90° inside corners<sup>2</sup>
- PR = Standard patterns raft 2, 3 or 4 sided with 90° outside corners<sup>2</sup>
- PPI = Wall to wall / wall to ceiling, 90° inside corner<sup>2</sup>
- PPO = Wall to wall / wall to ceiling, 90° outside corner<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>

- P0 = 1.5 W/ft
- P1 = 3 W/ft
- P2 = 6 W/ft
- P3 = 10 W/ft
- P4 = 15 W/ft
- 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)

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

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

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

- E1 = eldoLED 0.1% dimming, 0-10V (120-277V)
- L1 = Lutron 1% dimming, EcoSystem (120-277V)
- D2DT6 = DALI-2 (DT6), 0.1% dimming (120-277V)
- D2DT8 = DALI-2 (DT8), 0.1% dimming (120-277V) [TW only]
- D010 = eldoLED, 10%, 0-10V dimming, 120-277V [WD only]
- DPH = Phase Dimming, 1% dimming, 120V only (remote) [WD only]
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V [WD only]
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V (remote) [WD only]
- EL96 = eldoLED 0-10V, 0.1% dimming (120-277V) [WD only]
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V) [WD only]
- DMX = eldoLED 24V, DMX dimming [WD + RGBW Only]

### Lens

- SSD = Snap On Satin Diffuser (standard)
- SDC = Satin Clear Dust Cover

### Finish

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

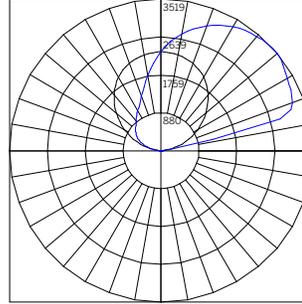
### Options

- AWNRF = Lutron Athena Wireless Node RF (specify with E1, D2DT6, D2DT8, EL96 or DALI)
- BT = Wireless CAS – Casambi (remote only, specify with E1, D2DT6, D2DT8, D010, EL96, DALI or DMX)
- CP = Chicago Plenum rated, complies with CCEA requirements
- LEC = Left end cap
- REC = Right end cap
- LREC = Left & Right end caps
- 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 specsheet.  
 3 Wattage shown does not include power supplies/drivers.  
 4 See photometric data sheet for delivered lumens.  
 5 See power supply page for details.

**WG-EC-...-SSD-W**  
Delivered Lumens Per Foot

CCT	Power							
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]	L [2.7 W/ft]	M [5.5 W/ft] <sup>3</sup>	H [8.0 W/ft]
927	243	470	884	1358	2001	-	-	-
930	254	490	920	1415	2084	-	-	-
935	263	507	953	1466	2182	-	-	-
940	265	520	978	1505	2241	-	-	-
TW <sup>2</sup>	141	255	457	694	-	-	-	-
WD <sup>2</sup>	-	-	-	-	-	204	424	613
RGBW <sup>3</sup>	-	-	-	-	-	-	346	-



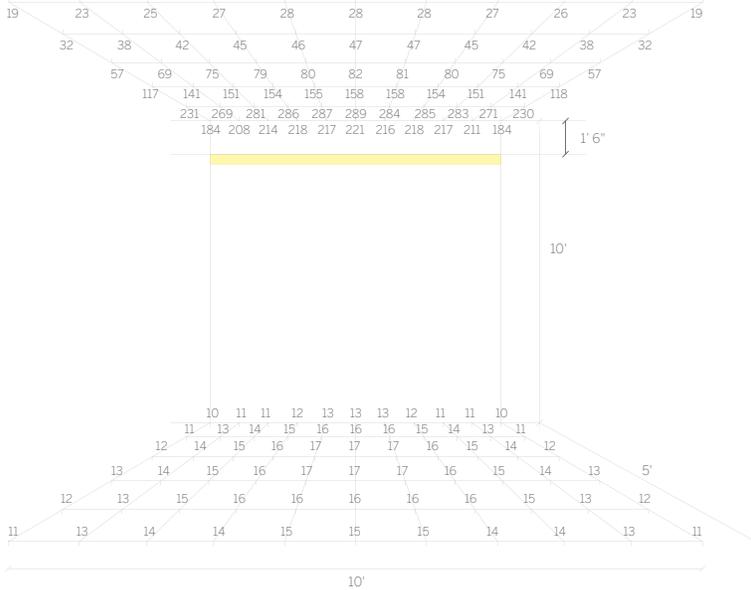
Beam Angle (0-180) = 53.4  
Beam Angle (90-270) = 115.9

	Power Multiplier							
	P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]	L [2.7 W/ft]	M [5.5 W/ft] <sup>3</sup>	H [8.0 W/ft]
9XX	0.12	0.23	0.44	0.67	1.00	-	-	-
TW1840	0.11	0.21	0.39	0.59	-	-	-	-
TW2765	0.11	0.21	0.38	0.59	-	-	-	-
WD	-	-	-	-	-	0.09	0.19	0.28
RGBW	-	-	-	-	-	-	0.16	-

- 1 Polar Plot and Isofootcandle diagram are applicable to part number noted; use Multiplier table(s) to approximate other Power / CCT options.
- 2 TW lumen data at maximum output (4000K and 6500K, respectively). TW1840 produced approximately 40% less at 1800K; TW2765 produces approximately 5% less at 2700K.
- 3 RGBW lumen data at maximum output with 3000K White LED. M-**RGBW** power level wattage is 7.6W/ft.

CCT Multiplier			
927	930	935	940
0.92	0.95	1.00	1.03

**WG-EC-RPT-S-...-P2-935-...-SSD-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-EC-RPT-S-...-P4-935-...-SSD-W**  
20'-0" ceiling height

