

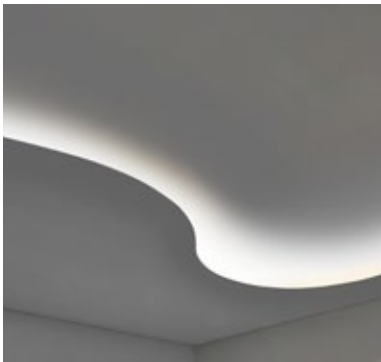
Mini Edgeless Cove Soft Shapes



inter•lux



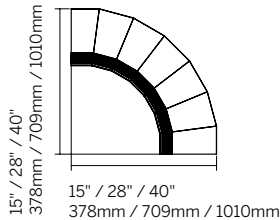
Contents	
1	overview
2	specifications / configurator
3	diagrams
5	photometry



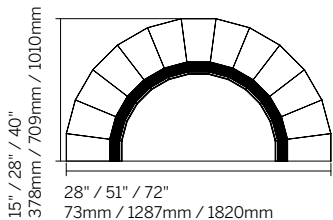
The original continuous linear knife edge cove system featuring plaster-in precision knife edge for clean, minimal effect. Visual curve created by small, segmented sections that can be combined in standard available patterns or customized for specific applications.

See Pages 3 + 4
To Sketch Soft Shapes

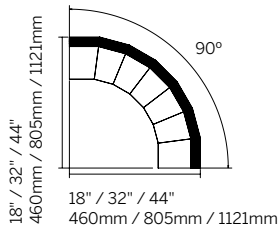
- Continuous plaster-in knife edge cove system that delivers an even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove.
- Light source positioned for optimum vertical spread of illumination.
- Extruded aluminum housing, easily installed internal LED tray assembly. Remote driver. Field replaceable LED boards.
- 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 50,000 hours.
- ETL and ETL-C for dry and damp locations.
- 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.



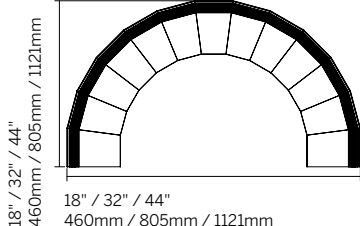
90° Corner Coffin (Inside)
CC90 / 15 - 28 - 40



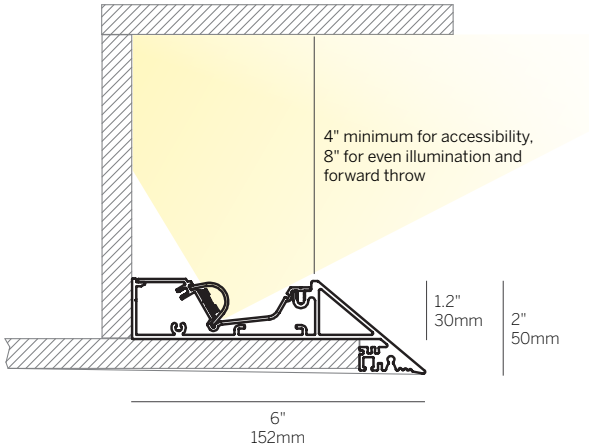
180° Corner Coffin (Inside)
CC180 / 1528 - 2851 - 4072



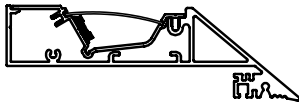
90° Corner Raft (Outside)
CR90 / 18 - 32 - 44



180° Corner Raft (Outside)
CR180 / 1832 - 3256 - 4478



Snap On Satin Diffuser (SSD)



Satin Clear Dust Cover (SDC)

Mini Edgeless Cove Soft Shapes

Ordering Information

WG-MEC	RPT									
Model	Fixation	Pattern ¹	Size ¹	Length	Power ²	CRI/CCT ³	Driver ⁴	Lens	Finish	Options
WG-MEC	RPT	CC90	15 28 40	A x B x A x B	P0 P1 P2 P3 P4	927 930 935 940 TW1840 TW2765	E1 L1 D2DT6 D2DT8	SSD (std) SDC	W (std) F	AWNRF BT EM
		CR90	18 32 44							
		CC180	1528 2851 4072							
		CR180	1832 3256 4478							

Model

- WG-MEC = Mini Edgeless Cove

Fixation

- RPT = Recessed Plaster Trim

Pattern¹

- CC90 = Corner Coffin 90° (Inside Corner)
- CR90 = Corner Raft 90° (Outside Corner)
- CC180 = Corner Coffin 180° (Inside Corner)
- CR180 = Corner Raft 180° (Outside Corner)

Size¹

- 15 = 15" x 15" (Inside Corner)
- 28 = 28" x 28" (Inside Corner)
- 40 = 40" x 40" (Inside Corner)
- 18 = 18" x 18" (Outside Corner)
- 32 = 32" x 32" (Outside Corner)
- 44 = 44" x 44" (Outside Corner)
- 1528 = 15" x 28" (Inside Corner)
- 2851 = 28" x 51" (Inside Corner)
- 4072 = 40" x 72" (Inside Corner)
- 1832 = 18" x 32" (Outside Corner)
- 3256 = 32" x 56" (Outside Corner)
- 4478 = 44" x 78" (Outside Corner)

Length

- A x B x A x B = specify inches to the nearest 0.25" (i.e. 72.25" x 48" x 72.25" x 48")

Power²

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

CRI / CCT (90+ CRI minimum)³

- 927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K
- TW1840 = Tunable white 1800K - 4000K
- TW2765 = Tunable white 2700K - 6500K

Driver (remote)⁴

- 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]

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 (specify with E1, D2DT6, D2DT8, D010, EL96, DALI or DMX)
- EM = Emergency LED driver (remote)

- 1 See pattern specs. Dimensions rounded to the nearest inch.
- 2 Wattage shown does not include power supplies/drivers.
- 3 See photometric data sheet for delivered lumens.
- 4 See power supply page for details.

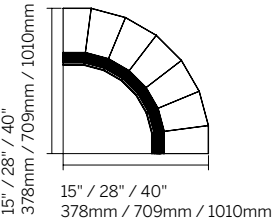
See Pages 3 + 4 To Sketch Soft Shapes

Mini Edgeless Cove Soft Shapes

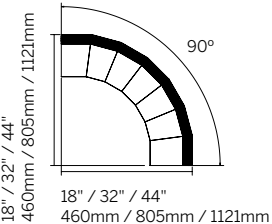


EXAMPLE COVE SOFT SHAPES

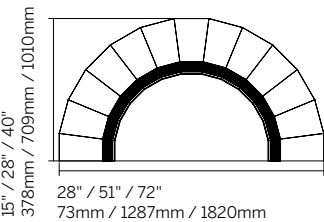
Mix Straight Runs with 90° and 180° Coffin and Raft Corners



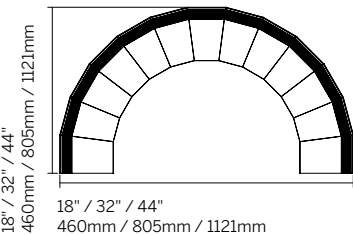
90° Corner Coffin (Inside)
CC90 / 15 - 28 - 40



90° Corner Raft (Outside)
CR90 / 18 - 32 - 44

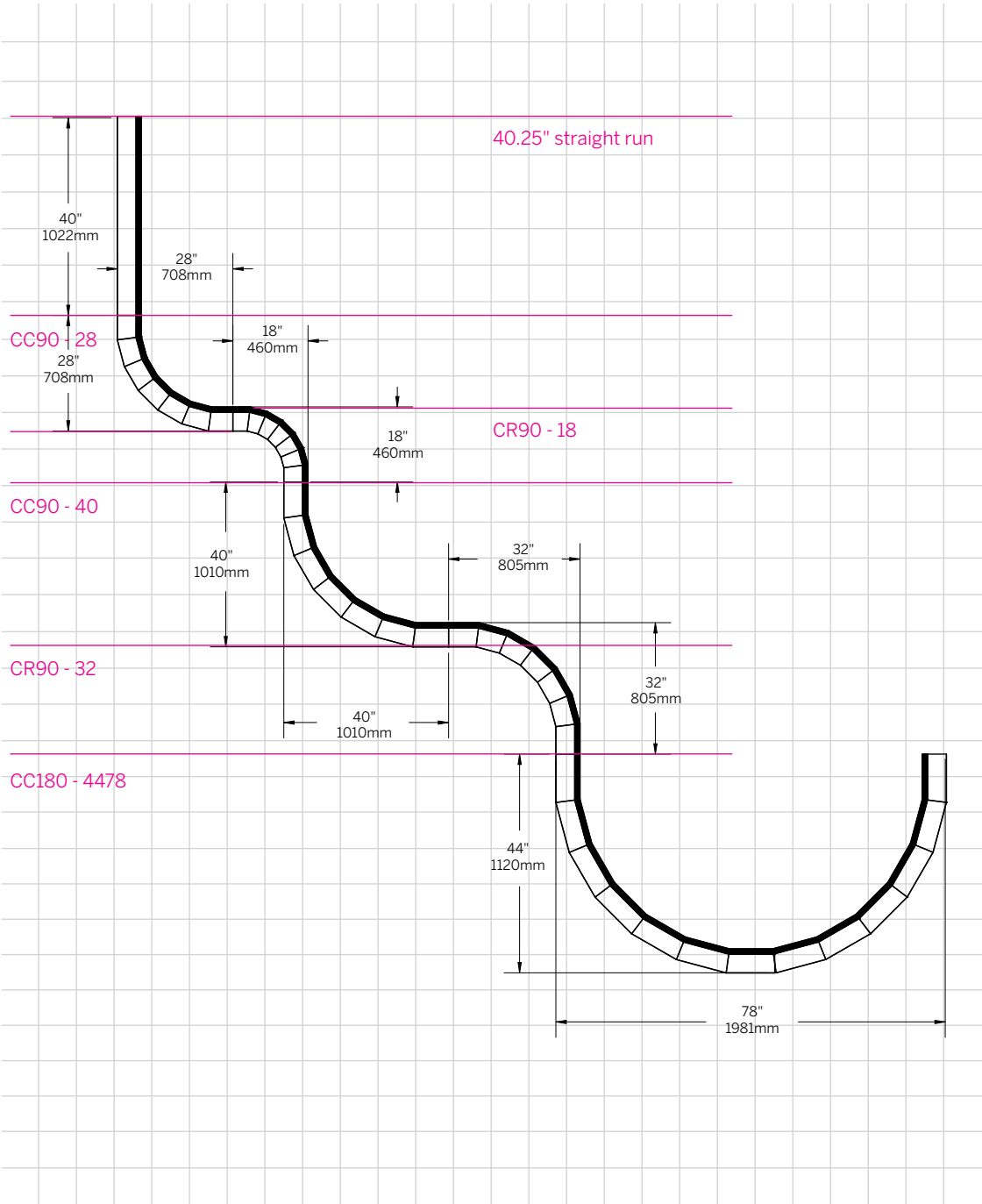


180° Corner Coffin (Inside)
CC180 / 1528 - 2851 - 4072



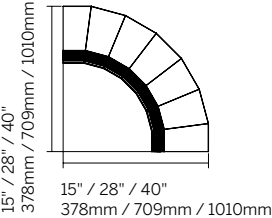
180° Corner Raft (Outside)
CR180 / 1832 - 3256 - 4478

Specify straight runs to the
nearest 0.25" (i.e. 72.25")

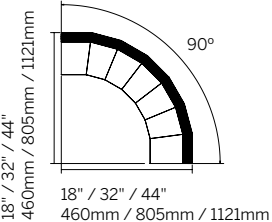


SKETCH COVE SOFT SHAPES BELOW

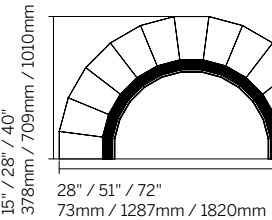
Mix Straight Runs with 90° and 180° Coffers and Raft Corners



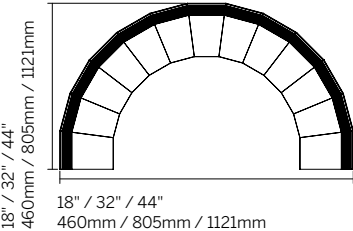
90° Corner Coffers (Inside)
CC90 / 15 - 28 - 40



90° Corner Rafts (Outside)
CR90 / 18 - 32 - 44



180° Corner Coffers (Inside)
CC180 / 1528 - 2851 - 4072



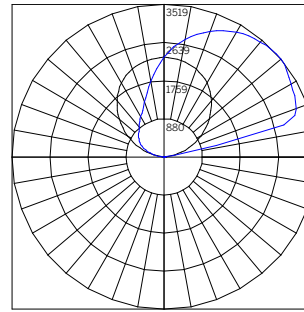
180° Corner Rafts (Outside)
CR180 / 1832 - 3256 - 4478

Specify straight runs to the
nearest 0.25" (i.e. 72.25")

Mini Edgeless Cove Soft Shapes

WG-MEC-...-SSD-W¹
Delivered Lumens Per Foot

		Power				
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
CCT	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 ²	141	255	457	694	-



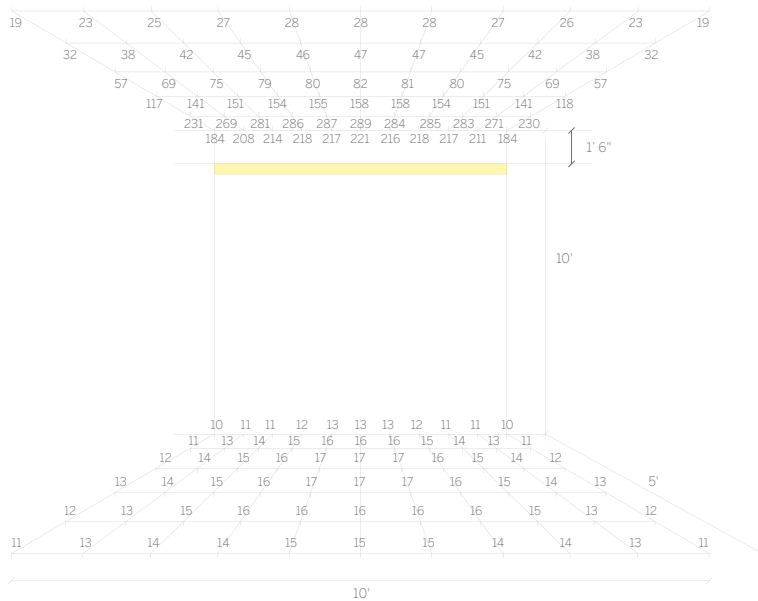
Beam Angle (0-180) = 53.4
Beam Angle (90-270) = 115.9

- 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). WD lumen data at maximum output (3000K).

		Power Multiplier				
		P0 [1.5 W/ft]	P1 [3 W/ft]	P2 [6 W/ft]	P3 [10 W/ft]	P4 [15 W/ft]
9XX		0.12	0.23	0.44	0.67	1.00
TW		0.06	0.12	0.21	0.32	-

CCT Multiplier			
927	930	935	940
0.92	0.95	1.00	1.03

WG-MEC-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-MEC-RPT-S-...-P4-935-...-SSD-W
20'-0" ceiling height

