

Mini Edgeless Cove

Soft Corner 180°



inter•lux

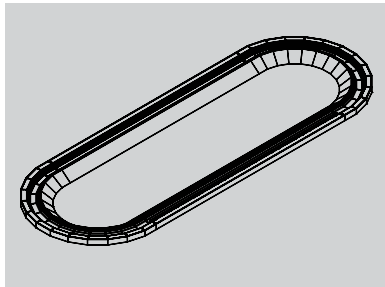
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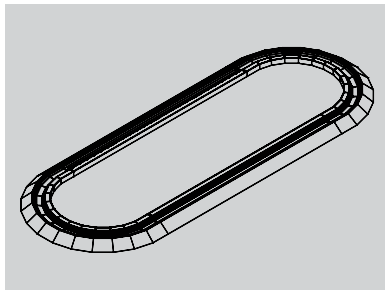


The original continuous linear knife edge cove system featuring plaster-in precision knife edge for clean, minimal effect. Visual curve created by small, segmented sections.

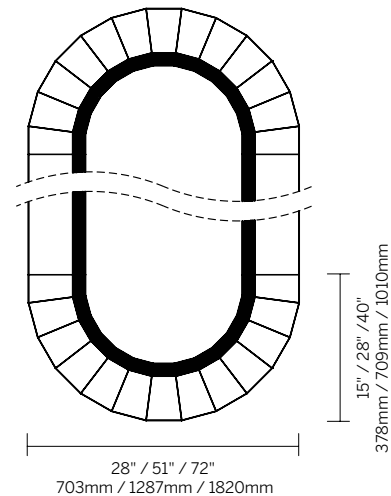
- Continuous plaster-in knife edge cove system that delivers an even wash of directed light to the ceiling above, and redirected light to softly illuminate the back of the cove.
- Light source positioned for optimum vertical spread of illumination.
- Extruded aluminum housing, easily installed internal 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.



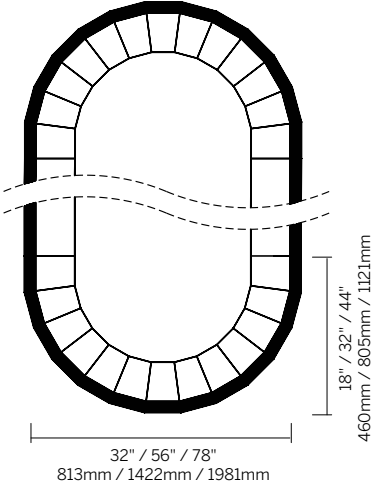
Corner Coffin (inside)



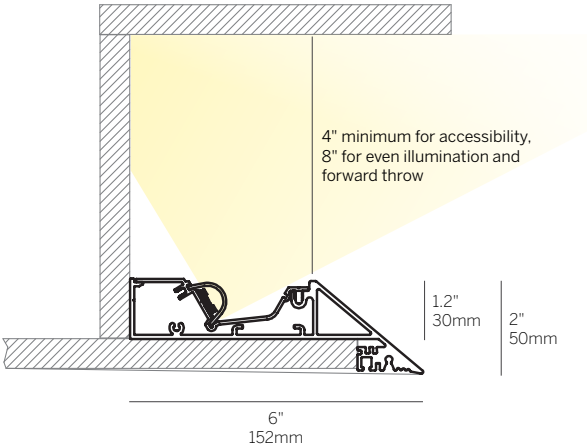
Corner Raft (Outside)



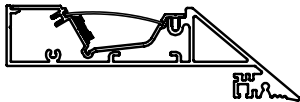
Corner Coffin (inside)



Corner Raft (Outside)



Snap On Satin Diffuser (SSD)



Satin Clear Dust Cover (SDC)

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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	CC180	1528 2851 4072	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
		CR180	1832 3256 4478							

Model

- WG-MEC = Mini Edgeless Cove

Fixation

- RPT = Recessed Plaster Trim

Pattern¹

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

Size¹

- 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

- AWRNF = 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.

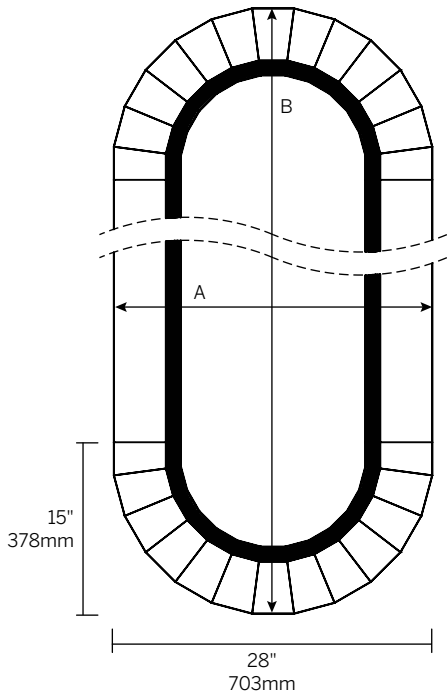
3 See photometric data sheet for delivered lumens.

4 See power supply page for details.

Mini Edgeless Cove Soft Corner 180°

Corner Coffe 180° (Inside Corners)

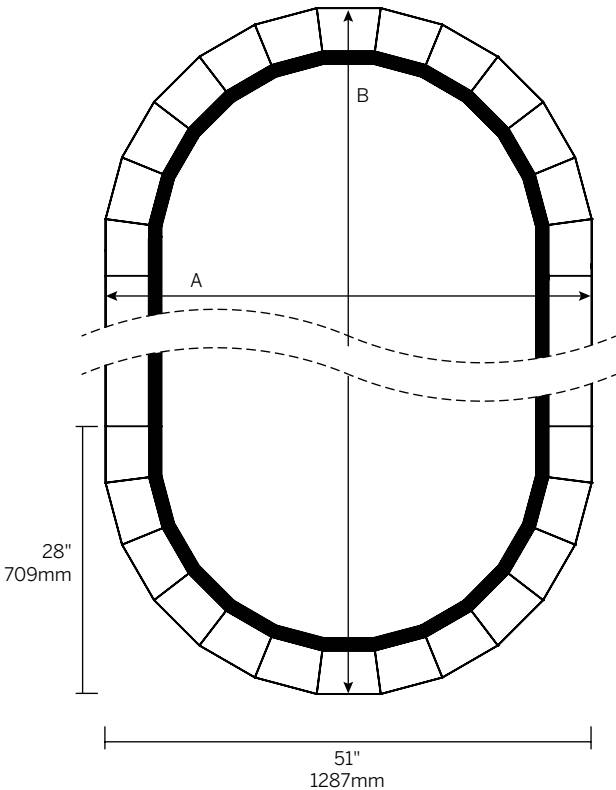
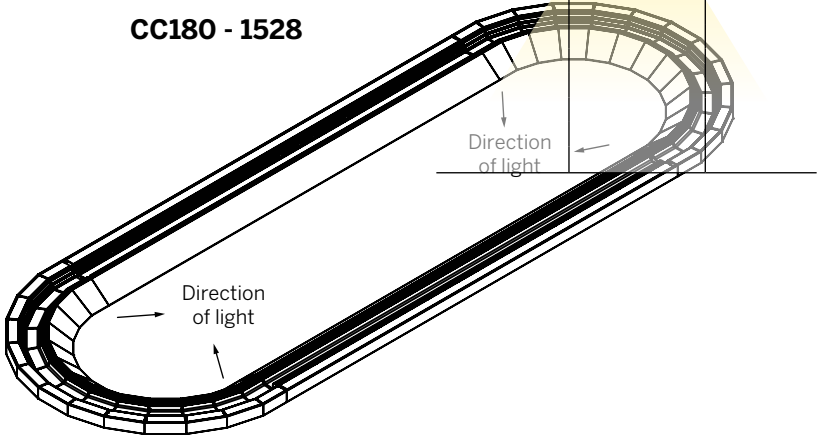
Bottom View



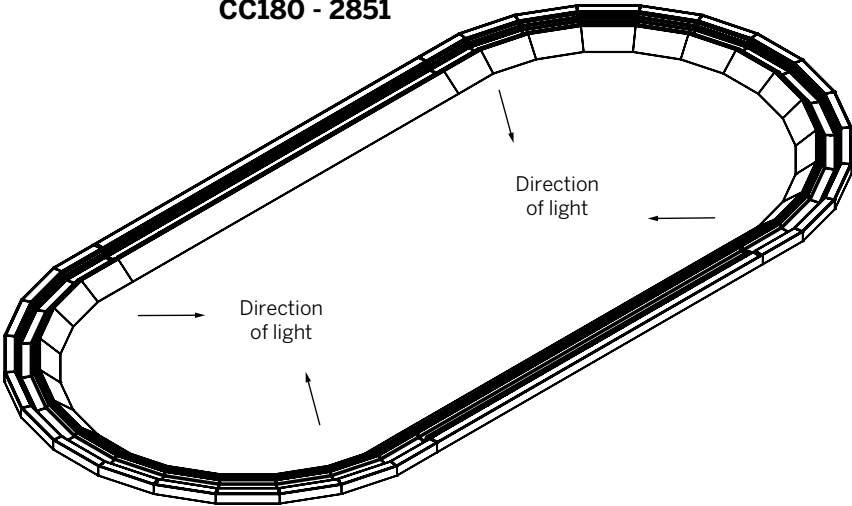
Isometric View

ISOFOOTCANDLE - 48" SSD P4 3500K WG-MEC-....S-48-P4-935-....SSD-W³		
Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Width [Ft]

CC180 - 1528



CC180 - 2851



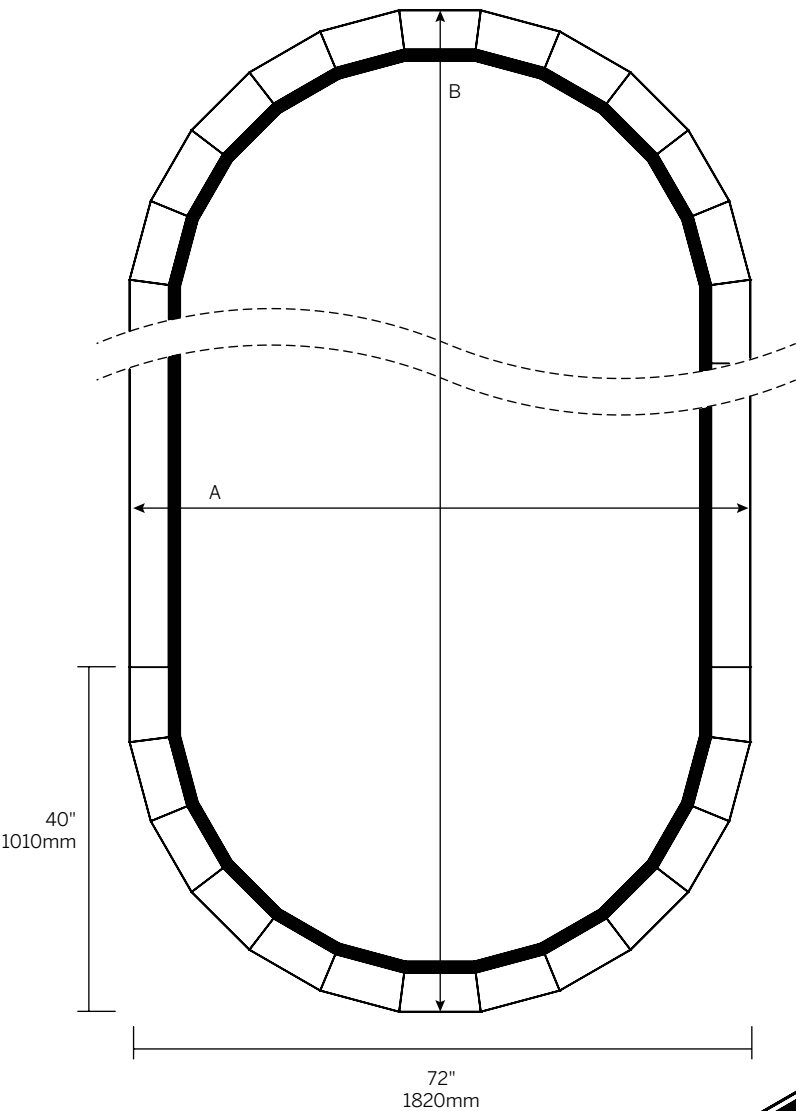
A and B dimensions are the mounting surface dimension at widest part of pattern. Mounting surface is nose dimension plus 6" for each cove side.

Mini Edgeless Cove Soft Corner 180°

Corner Coffe 180° (Inside Corners)



Bottom View

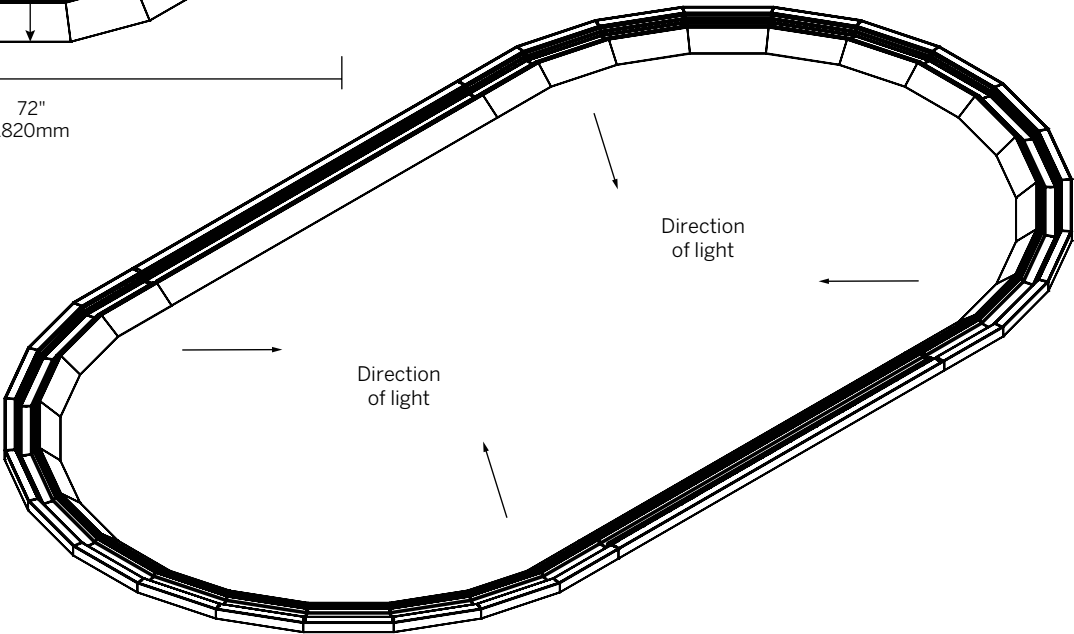


ISOFOOTCANDLE - 48" SSD P4 3500K
WG-MEC-....S-48-P4-935-....SSD-W³

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Width [Ft]

Isometric View

CC180 - 4072

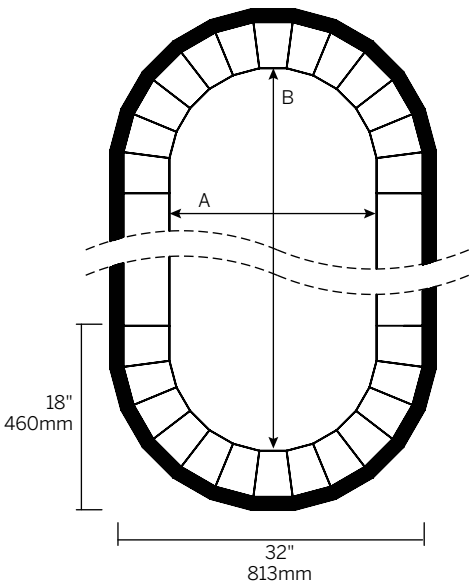


A and B dimensions are the mounting surface dimension at widest part of pattern. Mounting surface is nose dimension plus 6" for each cove side.

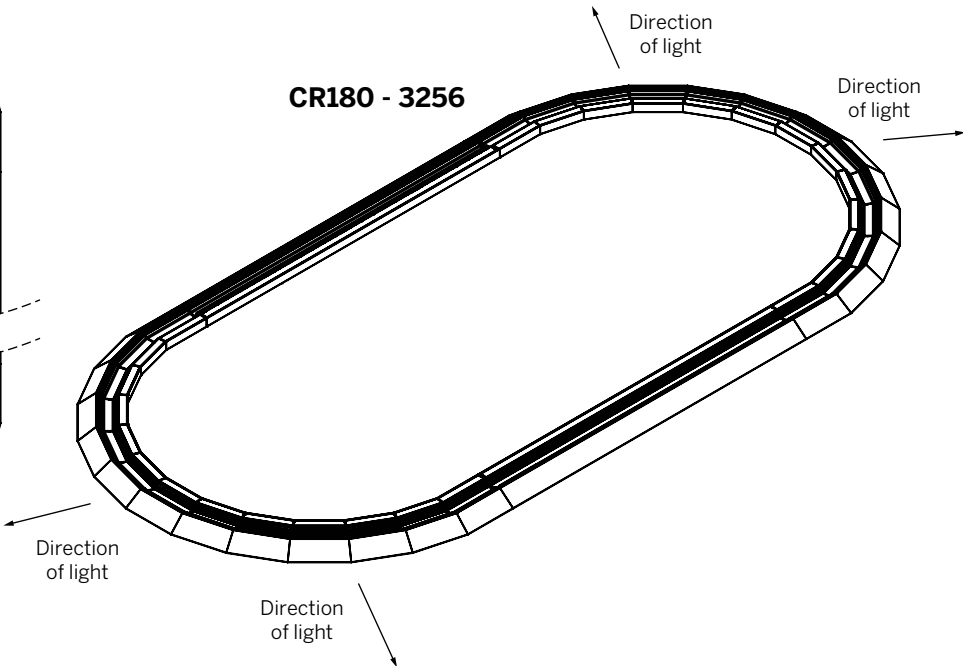
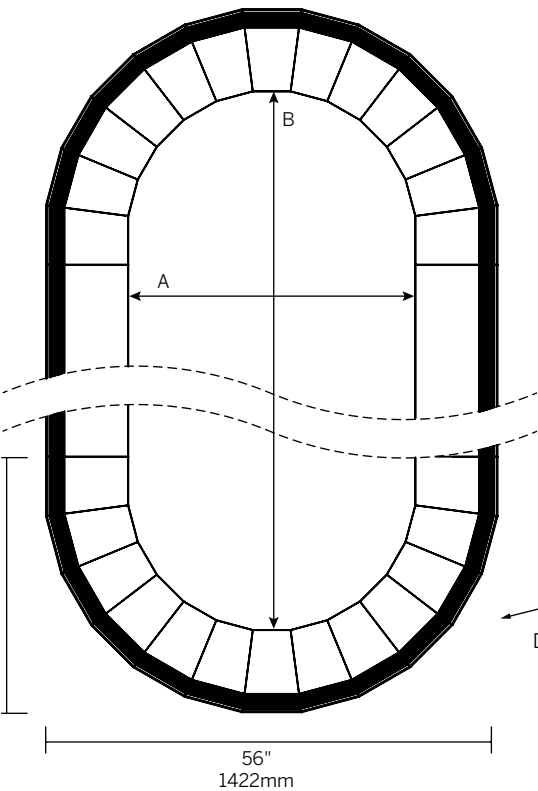
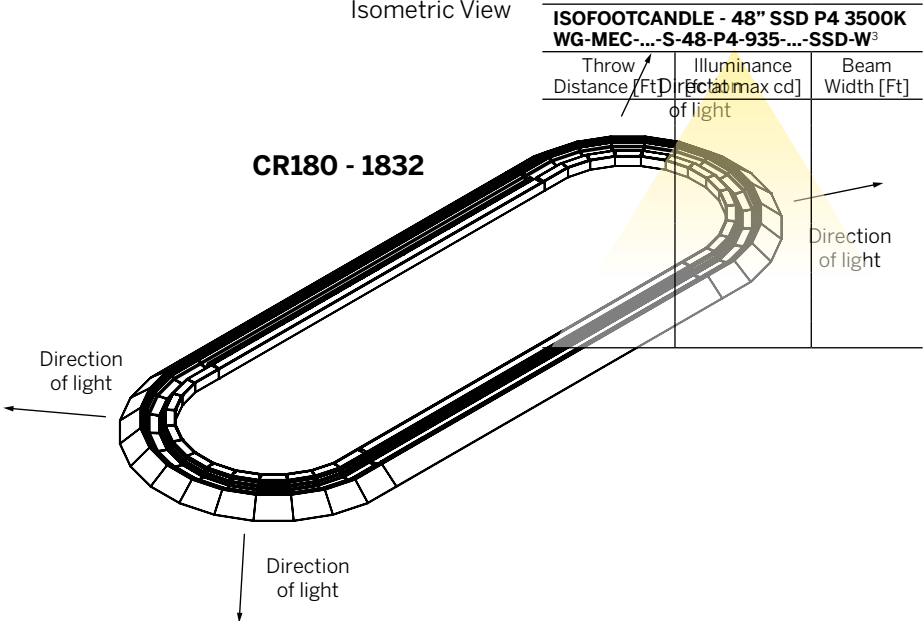
Mini Edgeless Cove Soft Corner 180°

Corner Raft 180° (Outside Corners)

Bottom View



Isometric View



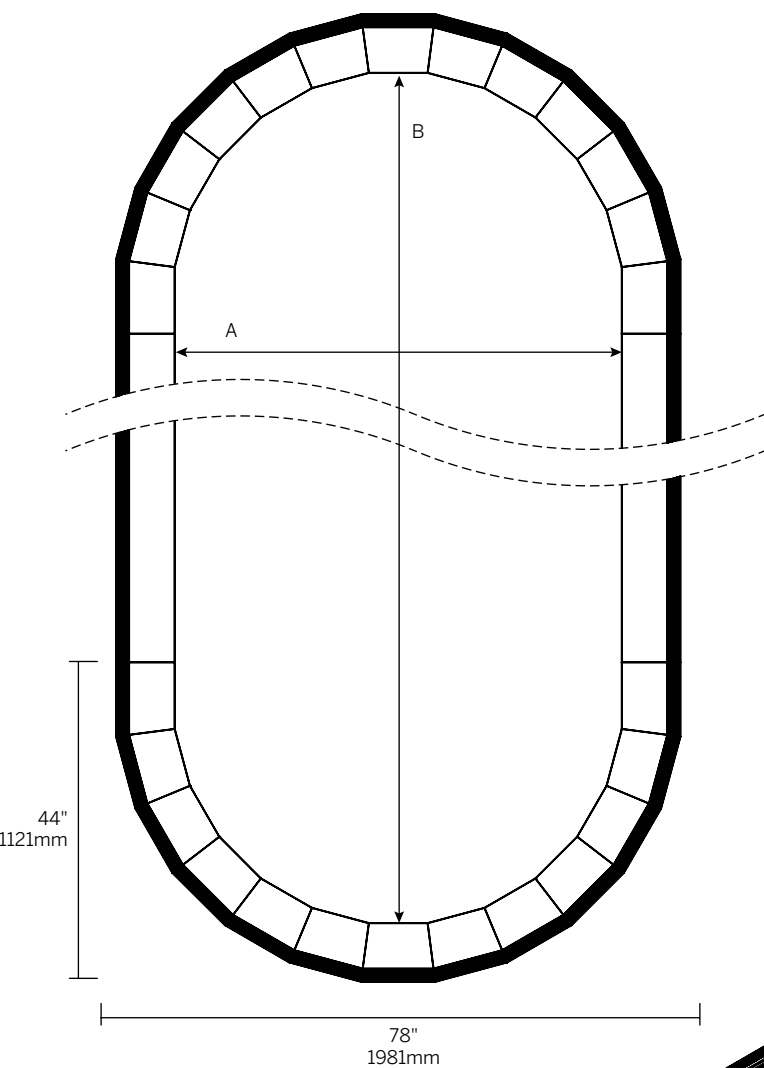
A and B dimensions are the mounting surface dimension at widest part of pattern. Mounting surface is nose dimension minus 6" for each cove side.

Mini Edgeless Cove Soft Corner 180°

Corner Raft 180° (Outside Corners)



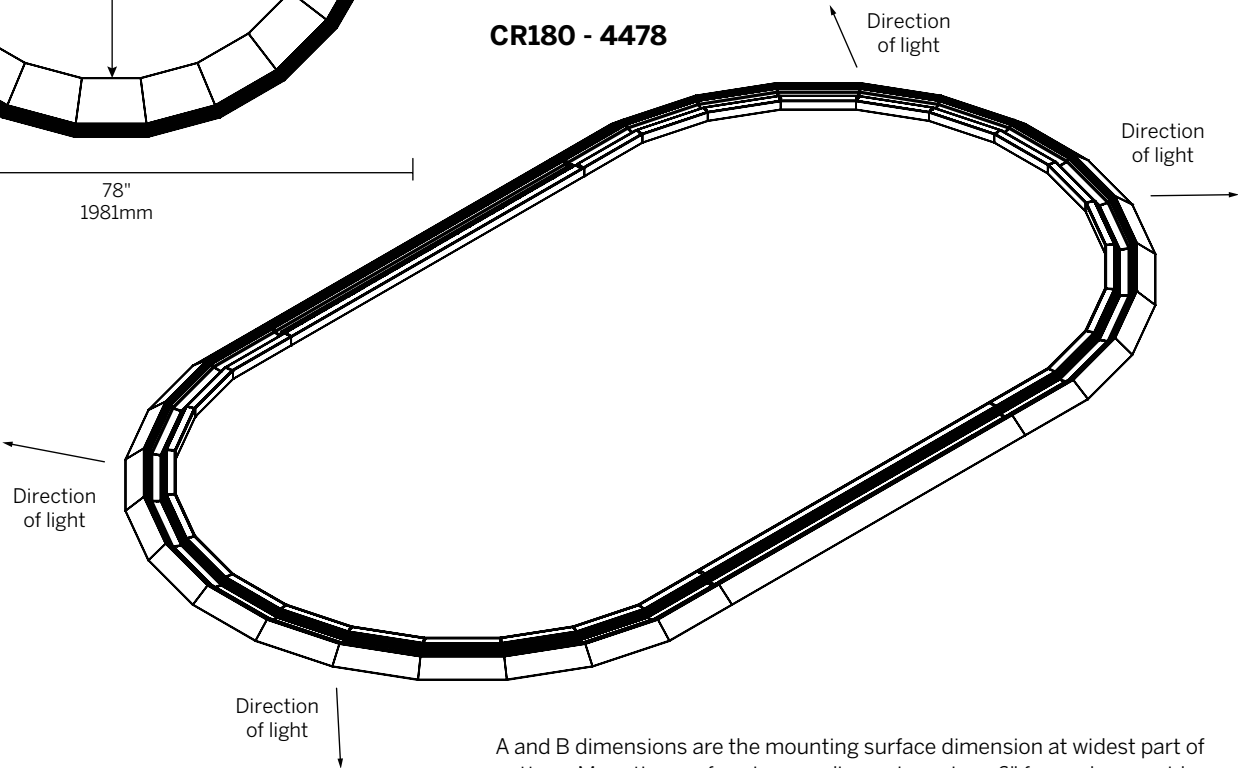
Bottom View



ISOFOOTCANDLE - 48" SSD P4 3500K
WG-MEC-....S-48-P4-935-....SSD-W³

Throw Distance [Ft]	Illuminance [fc at max cd]	Beam Width [Ft]

Isometric View



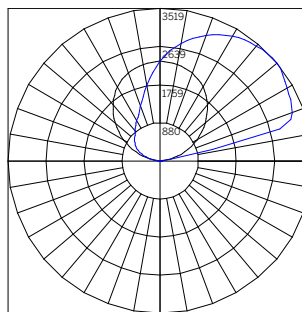
A and B dimensions are the mounting surface dimension at widest part of pattern. Mounting surface is nose dimension minus 6" for each cove side.

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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]	L [2.7 W/ft]	M [5.5 W/ft] ³	H [8.0 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	-	-	-	-
WD ²	-	-	-	-	-	204	424	613
RGBW ³	-	-	-	-	-	-	346	-



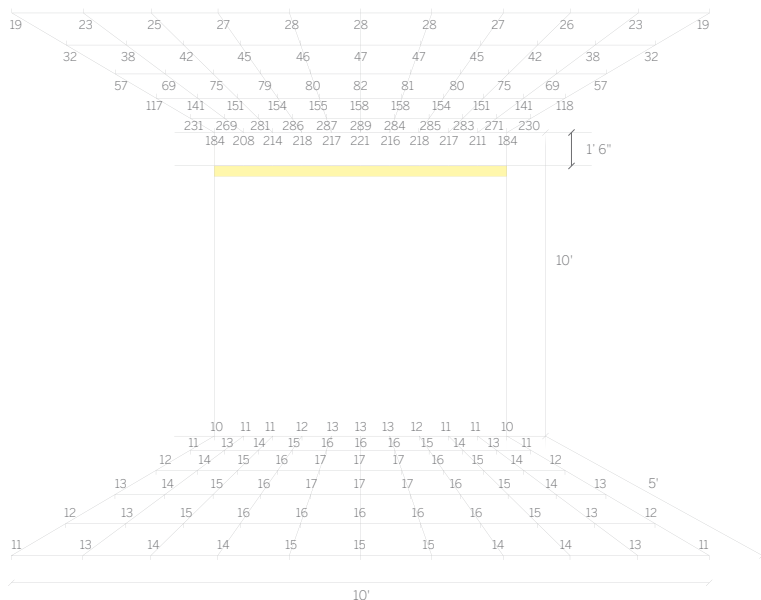
Beam Angle (0-180) = 53.4
Beam Angle (90-270) = 115.9

	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] ³	H [8.0 W/ft]
9XX	0.12	0.23	0.44	0.67	1.00	-	-	-
TW	0.06	0.12	0.21	0.32	-	-	-	-
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). WD lumen data at maximum output (3000K).
- 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-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

