



Date: \_\_\_\_\_ Type: \_\_\_\_\_

Firm Name: \_\_\_\_\_

Project: \_\_\_\_\_

# eW Cove MX Powercore

Medium Beam Angle (50° x 70°)

Maximum output linear LED fixture for cove, general, and accent lighting

## Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Item	Specification	Details
Output	Lumens*	384 (2700 K†) 446 (3000 K†) 476 (3500 K†) 518 (4000 K†)
	Efficacy	34.9 (2700 K) 36.9 (3000 K) 40.0 (3500 K) 43.5 (4000 K)
	CRI	83 (2700 K) 83 (3000 K) 84 (3500 K) 82 (4000 K)
	Lumen Maintenance‡	50,000 hours L70 @ 25° C 37,000 hours L70 @ 50° C 90,000 hours L50 @ 25° C 80,000 hours L50 @ 50° C
Electrical	Input Voltage	100 – 277 VAC, auto-ranging, 50 / 60 Hz
	Power Consumption	12.5 W maximum at full output, steady state
	Power Factor	.99 @ 120 VAC
Control	Dimming	Compatible with selected commercially available reverse-phase ELV-type dimmers§
Physical	Dimensions (Height x Width x Depth)	2 x 12 x 1.5 in (51 x 305 x 38 mm)
	Weight	1 lb (454 g)
	Housing	Die-cast aluminium, white powder-coated finish
	Lens	Polycarbonate
	Fixture Connections	Integral male / female connectors
	Temperature Ranges	-4° – 122° F (-20° – 50° C) Operating -4° – 122° F (-20° – 50° C) Startup -40° – 176° F (-40° – 80° C) Storage
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	UL / cUL, FCC, CE, CCC
	Environment	Dry / Damp Location, IP20
	Maximum Fixture Run Length	49 @ 100 VAC 59 @ 120 VAC 102 @ 208 VAC 108 @ 220 – 240 VAC 136 @ 277 VAC  <i>Configuration: Fixtures installed end-to-end, 20 A circuit, standard 10 ft (3.1 m) Leader Cable</i>

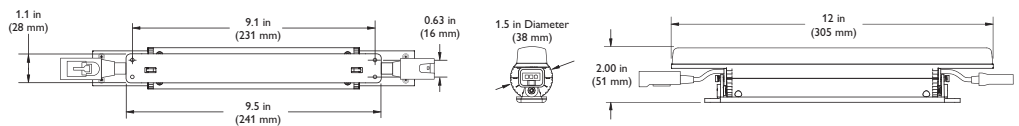
\* Lumen measurement complies with IES LM-79-08 testing procedures.

† Color temperatures conform to nominal CCTs as defined in ANSI Chromaticity Standard C78.377A.

‡ L70 = 70% maintenance of lumen output (when light output drops below 70% of initial output). L50 = 50% maintenance of lumen output (when light output drops below 50% of initial output). Ambient temperatures specified. Based on measurements that comply with IES LM-80-08 testing procedures. Refer to [www.colorkinetics.com/support/appnotes/lm-80-08.pdf](http://www.colorkinetics.com/support/appnotes/lm-80-08.pdf) for more information.

§ Refer to [www.colorkinetics.com/support/appnotes/](http://www.colorkinetics.com/support/appnotes/) for specific details.

|| These figures, provided as a guideline, are accurate for this configuration only. Changing the configuration can affect the fixture run lengths.

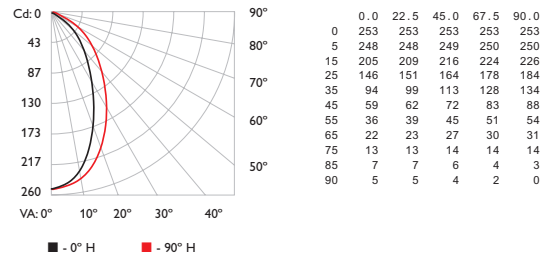


**PHILIPS**

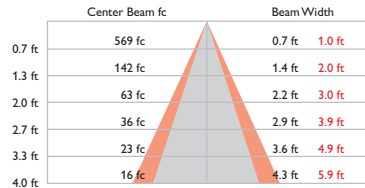
# Photometrics

2700 K

## Polar Candela Distribution



### Illuminance at Distance



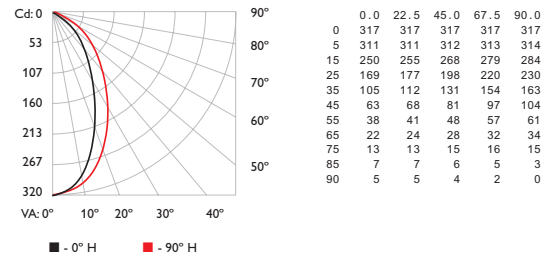
15.9 ft (4.8 m) 1 fc maximum distance  
 ■ Vert. Spread: 56.7° ■ Horiz. Spread: 72.9°

Lumens	384
Efficacy	34.9 lm / W

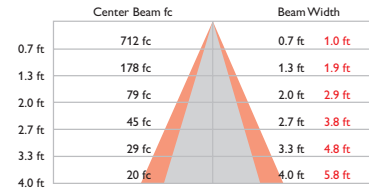
For lux multiply fc by 10.7

3000 K

## Polar Candela Distribution



### Illuminance at Distance



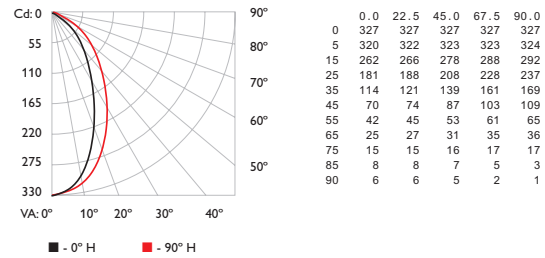
17.8 ft (5.4 m) 1 fc maximum distance  
 ■ Vert. Spread: 53.1° ■ Horiz. Spread: 71.5°

Lumens	446
Efficacy	36.9 lm / W

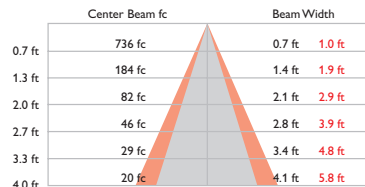
For lux multiply fc by 10.7

3500 K

## Polar Candela Distribution



### Illuminance at Distance



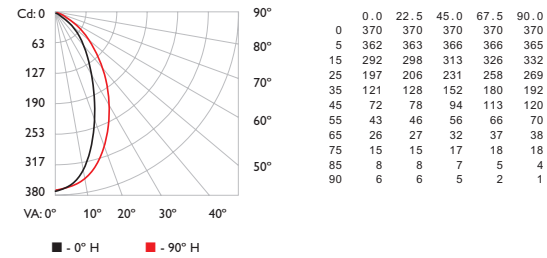
18.1 ft (5.5 m) 1 fc maximum distance  
 ■ Vert. Spread: 54.6° ■ Horiz. Spread: 71.8°

Lumens	476
Efficacy	40.0 lm / W

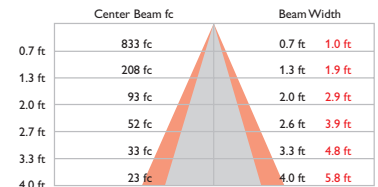
For lux multiply fc by 10.7

4000 K

## Polar Candela Distribution



### Illuminance at Distance



19.2 ft (5.9 m) 1 fc maximum distance  
 ■ Vert. Spread: 52.6° ■ Horiz. Spread: 71.8°

Lumens	518
Efficacy	43.5 lm / W

For lux multiply fc by 10.7



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