



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

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

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

# eW Cove MX Powercore

4 ft, 12 W / ft, 125° x 120° beam angle

Premium interior linear LED cove and accent fixture with solid white light

## Specifications

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

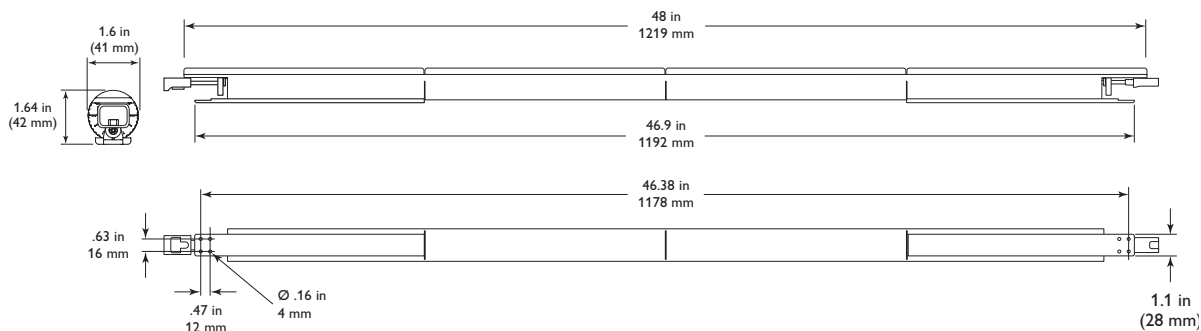
Item	Specification	Details
Output	Lumens*	2303 (2700 K†) 2517 (3000 K†) 2721 (3500 K†) 2809 (4000 K†)
	Efficacy	49.3 (2700 K) 52.7 (3000 K) 57.6 (3500 K) 59.4 (4000 K)
	CRI	80 (2700 K) 83 (3000 K) 84 (3500 K) 83 (4000 K)
	Lumen Maintenance‡	50,000 hours L70 @ 25° C 37,000 hours L70 @ 50° C 90,000 hours L50 @ 25° C 80,000 hours L50 @ 50° C
Electrical	Input Voltage	100 – 277 VAC, auto-ranging, 50 / 60 Hz
	Power Consumption	50 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)	1.6 x 48 x 1.6 in (42 x 1219 x 41 mm)
	Weight	3.97 lbs (1.8 kg)
	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	Fixture Run Lengths	To calculate fixture run lengths and total power consumption for your specific installation, download the Configuration Calculator from <a href="http://www.philipscolorkinetics.com/support/install_tool/">www.philipscolorkinetics.com/support/install_tool/</a>
	Certification	UL / cUL, FCC Class B, CE, CCC, SAA, C-Tick
	Environment	Dry / Damp Location, IP20
	Energy Efficiency	California Title 24 Compliant

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

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

‡ L70 = 70% lumen maintenance (when light output drops below 70% of initial output), L50 = 50% lumen maintenance (when light output drops below 50% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES LM-80-08 testing procedures. Refer to [www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf](http://www.philipscolorkinetics.com/support/appnotes/lm-80-08.pdf) for more information.

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

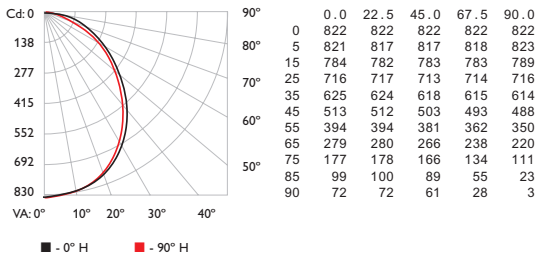


**PHILIPS**

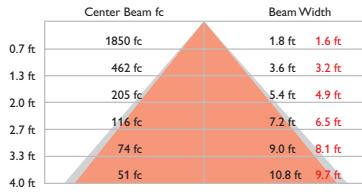
# Photometrics

2700 K

## Polar Candela Distribution



### Illuminance at Distance



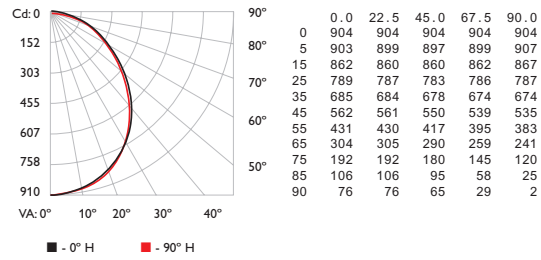
28.7 ft (8.7 m) 1 fc maximum distance  
 ■ Vert. Spread: 106.8°  
 ■ Horiz. Spread: 101.1°

Lumens	2303
Efficacy	49.3 lm / W

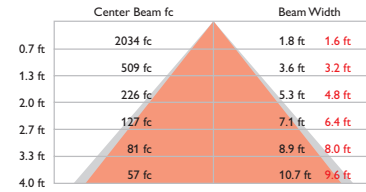
For lux multiply fc by 10.7

3000 K

## Polar Candela Distribution



### Illuminance at Distance



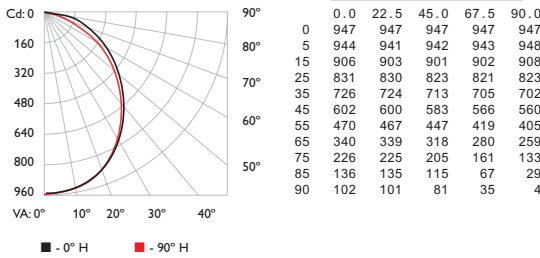
30.0 ft (9.1 m) 1 fc maximum distance  
 ■ Vert. Spread: 106.4°  
 ■ Horiz. Spread: 100.7°

Lumens	2517
Efficacy	52.7 lm / W

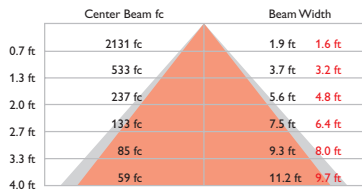
For lux multiply fc by 10.7

3500 K

## Polar Candela Distribution



### Illuminance at Distance



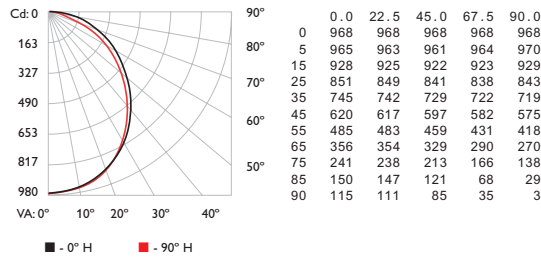
30.8 ft (9.4 m) 1 fc maximum distance  
 ■ Vert. Spread: 108.9°  
 ■ Horiz. Spread: 100.7°

Lumens	2721
Efficacy	57.6 lm / W

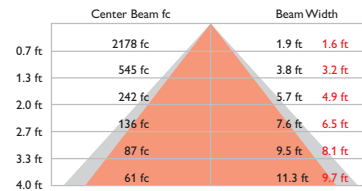
For lux multiply fc by 10.7

4000 K

## Polar Candela Distribution



### Illuminance at Distance



31.2 ft (9.5 m) 1 fc maximum distance  
 ■ Vert. Spread: 109.6°  
 ■ Horiz. Spread: 101.2°

Lumens	2809
Efficacy	59.4 lm / W

For lux multiply fc by 10.7



Philips Color Kinetics  
 3 Burlington Woods Drive  
 Burlington, Massachusetts 01803 USA  
 Tel 888.385.5742  
 Tel 617.423.9999  
 Fax 617.423.9998  
 www.philipscolorkinetics.com

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