



Date: _____ Type: _____

Firm Name: _____

Project: _____

eW Cove MX Powercore

1 ft, 12.5 W / ft, 125° × 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.

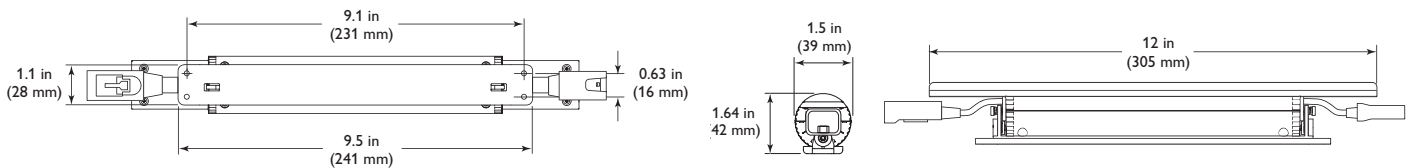
Item	Specification	Details
Output	Lumens*	564 (2700 K†) 603 (3000 K†) 653 (3500 K†) 696 (4000 K†)
	Efficacy	48.6 (2700 K) 51.1 (3000 K) 52.7 (3500 K) 58.5 (4000 K)
	CRI	82 (2700 K) 83 (3000 K) 83 (3500 K) 83 (4000 K)
	Lumen Maintenance‡	50,000 hours L70 @ 25° C 37,000 hours L70 @ 50° C 90,000 hours L50 @ 25° C 80,000 hours L50 @ 50° C
Electrical	Input Voltage	100 – 277 VAC, auto-ranging, 50 / 60 Hz
	Power Consumption	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)	1.64 x 12 x 1.5 in (42 x 305 x 39 mm)
	Weight	0.82 lbs (372 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 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 for more information.

§ Refer to www.philipscolorkinetics.com/support/appnotes/ for specific details.

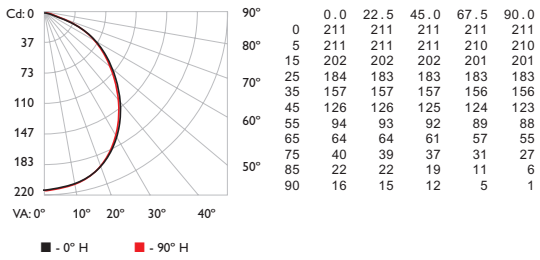


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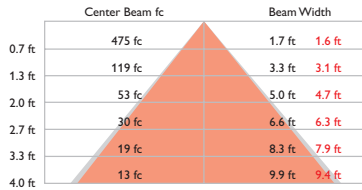
Photometrics

2700 K

Polar Candela Distribution



Illuminance at Distance



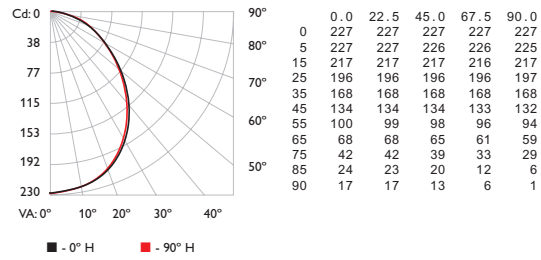
14.5 ft (4.4 m) 1 fc maximum distance
 Vert. Spread: 102.2°
 Horiz. Spread: 99.5°

Lumens	564
Efficacy	48.6 lm / W

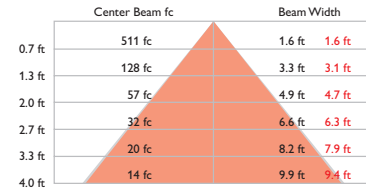
For lux multiply fc by 10.7

3000 K

Polar Candela Distribution



Illuminance at Distance



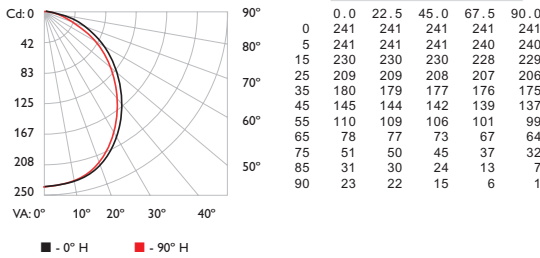
15.1 ft (4.6 m) 1 fc maximum distance
 Vert. Spread: 101.9°
 Horiz. Spread: 99.5°

Lumens	603
Efficacy	51.1 lm / W

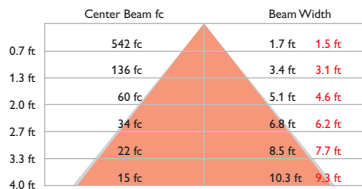
For lux multiply fc by 10.7

3500 K

Polar Candela Distribution



Illuminance at Distance



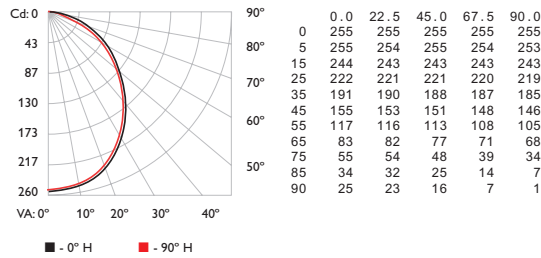
15.5 ft (4.7 m) 1 fc maximum distance
 Vert. Spread: 104.1°
 Horiz. Spread: 98.5°

Lumens	653
Efficacy	52.7 lm / W

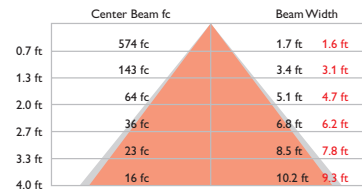
For lux multiply fc by 10.7

4000 K

Polar Candela Distribution



Illuminance at Distance



16.0 ft (4.9 m) 1 fc maximum distance
 Vert. Spread: 104.0°
 Horiz. Spread: 98.8°

Lumens	696
Efficacy	58.5 lm / W

For lux multiply fc by 10.7



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