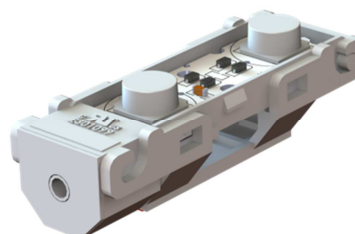


Product Sheet Polyoptik™ 20°x20° LED module

Designed for the architectural lighting industry, the Polyoptik™ 20°x20° is part of the Polyoptik™ modules family. For fast and easy installation the LED modules are inserted on one electrical conductor connected to the LED Master Power Supply (LMPS). The power Contactless LED technology eliminates electrical contacts and risks of corrosion.

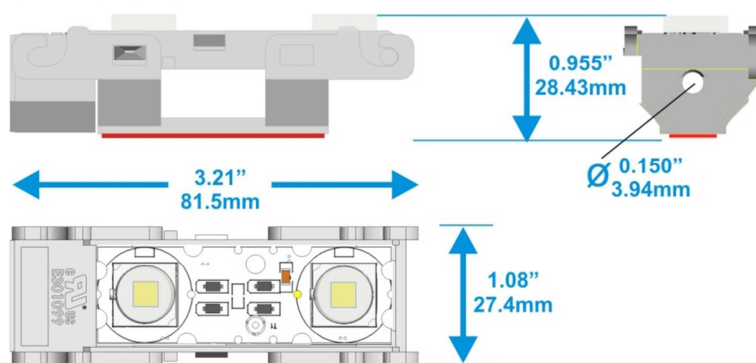
Please refer to the Polyoptik™ specification sheet and to technical bulletin #34 for all the complete information regarding this product.



Characteristics

Input Power	Only from the following Class 2 power supplies: LMPS-350 or LMPS-750
Dimming Option	Only with: LMPS-Dimmer Controller and LMPS-Dimmer Extender
Beam Angle	20° X20°
LED Color Spectrum	White 3000K, 3500K
Chromaticity Tolerance	3-Step MacAdam ellipse
Ambient Operating Temperature	-40°F to 122°F (-40°C to 50°C)
Operating Environment	Dry and damp locations (with LMPS-350 and LMPS-750), wet locations (only with LMPS-350)
Ingress Protection Rating	IP67
Warranty	5 years

Dimensions



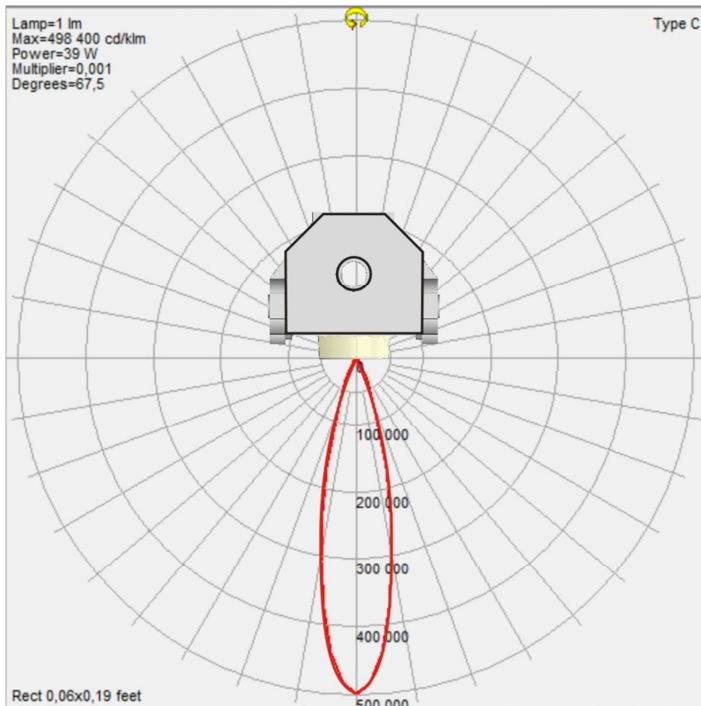
Loading Information

LEDs per module	Modules per foot	Consumption		Maximum number of modules	
		Watts per module	Watts per foot	White (3000K, 3500K, 6500K)	
				LMPS-350	LMPS-750
2	4 (12.84 inches)	1.35	5.4	26	55

Photometric Information **

Lumens per modules		Lumens per foot*		Lumens per watt		CRI	
3000K	3500K	3000K	3500K	3000K	3500K	3000K	3500K
104	113	416	452	77	84	82	82

* All values are for the maximum allowable number of modules per foot / ** Photometric data is subject to change, LM-79 data & IES files are available for 3500K modules.



Illuminance at a Distance			
	Center Beam fc	Beam Width	
2.0ft	1341 Lux (124,6 fc)	0.8 ft	0.8 ft
4.0ft	336 Lux (31,2 fc)	1.6 ft	1.7 ft
6.0ft	149 Lux (13,8 fc)	2.4 ft	2.5 ft
8.0ft	84 Lux (7,8 fc)	3.1 ft	3.3 ft
10.0ft	54 Lux (5 fc)	3.9 ft	4.2 ft

■ Vert. Spread ■ Horiz. Spread

Ordering Information

Product	Product number
Polyoptik™ 20°X20° 3000K	VI-POL-2-30K-20x20
Polyoptik™ 20°X20° 3500K	VI-POL-2-35K-20x20

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