

CXM-6 COB Array White LED



Description

XNOVA™ chip-on-board (COB) arrays deliver solutions for spot lighting and directional applications in general lighting. CXM-6 are designed for MR16 series bulbs and fixtures types providing lumen packages from 350 to over 900 lm. Efficacy over 110 LPW at 85°C provide energy saving and CRIs to 95 minimum deliver color rendering for the most demanding applications. CXM-6 light source delivers a high efficiency light source, with tight color control, the highest efficacy, and built with certified manufacturing quality, narrow specifications deliver consistency and qualified reliability for peace-of-mind supply.

Features

- High Lumen per Watt
 - 120 LPW at 3000K, 25°C
 - 135 LPW at 5000K, 25°C
- 2700K, 3000K, 3500K, 4000K, 5000K, 6500K
 - 80 CRI min., 90 CRI in warm white
 - 95 CRI min. AccuWhite Series
- High temperature (85°C) binning
 - Most accurate color and light output
- 2-step MacAdam ellipse chromaticity binning option, 3-step standard
 - Most stable color control

Applications

- Spot and Track Lighting
- Shop and Retail Lighting
- Directional with high efficiency and high color rendering
- Hospitality and office space
- PAR 20
- MR 16
- Replacement bulbs





Product Performance - CXM-6, 4.2W, 85°C

Series	LES (mm)	Dimensions (mm)	Curent 1x Drive	Power (W) 1x Drive Current	CCT	CRI (min)	LumenTyp. (85°C) 1x Drive	LPW (85°C) 1x Drive	LumenTyp. (85°C) 1.5x Drive	LPW (85°C) 1.5x Drive	
CXM-6	6.3	12x13	120mA	4.2	2700K	80	440	105	616	98	
						90	340	81	476	76	
						95	325	77	455	72	
						3000K	80	470	112	658	104
							90	395	94	553	88
							95	370	88	518	82
					3500K	80	485	115	679	108	
						3500K	90	420	100	588	93
						4000K	80	495	118	693	110
							4000K	90	430	102	602
						5000K	80	515	123	721	114
						6500K	80	515	123	721	114

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