

CXM-7 COB Array White LED



Description

XNOVA™ chip-on-board (COB) arrays deliver solutions for spot lighting and directional applications in general lighting. CXM-7 are designed for MR16 series bulbs and fixtures types providing lumen packages from 550 to over 1000 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-7 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
 - 128 LPW at 3000K, 25°C
 - 139 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 color rendering
- Hospitality and office space
- Halogen replacements
- MR 16





Product Performance - CXM-7, 5.6W, 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-7	7.5	13x13	160mA	5.6	2700K	80	620	111	868	103
						90	480	86	672	80
						95	450	80	630	75
					3000K	80	650	116	910	108
						90	550	98	770	92
						95	520	93	728	87
					3500K	80	680	121	952	113
						90	580	104	812	97
					4000K	80	700	125	980	117
						90	600	107	840	100
					5000K	80	710	127	994	118
					6500K	80	710	127	994	118

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