

CXM-14-AC10

2nd Generation

COB Array

White LED



Description

Luminus Next Generation LED Arrays are optimized for spot lighting and directional applications in general lighting. The CXM-14 product is designed for PAR series bulbs and fixtures types providing lumen out put ~ 2,000 lm. The CXM-14 is also available as a 20W solution delivering over 1,800 3000K, 80 CRI lumens and >130LPW. Also available with 3500K and 4000K 95 CRIs to deliver color rendering for the most demanding applications. Luminus COBs are directional LED light source, with tight color control, the highest efficacy, quality built to ISO certified manufacturing standards, with UL approved safety and LM-80 verified reliability for peace-of-mind supply.

Features

- High efficacy solutions
 - >155 LPW, 2,600 lm at 6500K, 85°C
- High Lumen per Watt
 - 2,210 lm, 134 LPW at 3000K, 85°C
 - 2,540 lm, 153 LPW at 5000K, 85°C
- CCTs 2700K, 3000K, 3500K, 4000K, 5000K and 6500K
 - CRI 95 and 90 min. in warm white
- High temperature (85°C) binning
 - Most accurate color and light output
- 3-step MacAdam ellipse chromaticity binning standard
 - Most stable color control



Applications

- Spot and Track Lighting
- Shop and Retail Lighting
- Directional with high color rendering
- Hospitality and office space
- CDM replacements
- Halogen replacements
- PAR Bulbs



Product Performance - CXM-14, 35V, 16.6W, $T_j = 85^\circ\text{C}$

Series	LES (mm)	Dimensions (mm)	Current 1x Drive	Power (W) 1x Drive Current	CCT	CRI (min)	LumenTyp. (85°C)	LPW (85°C)	LumenTyp. (85°C)	LPW (85°C)	
							1x Drive	1x Drive	1.5x Drive	1.5x Drive	
CXM-14	13.5	19 x 19	480mA	16.6			80	126	2,095	116	
							2700K	90	99	1,635	91
								95	93	1,535	85
							3000K	80	134	2,215	123
								90	113	1,875	104
								95	105	1,745	97
							3500K	80	138	2,280	127
							3500K	90	118	1,960	109
							4000K	80	142	2,355	131
4000K	90	123	2,040	113							
5000K	70	153	2,540	141							
6500K	70	157	2,600	144							

Where to Buy

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