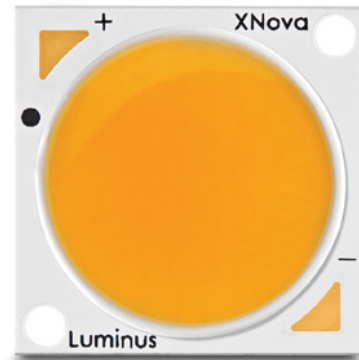


CXM-18 COB Array White LED



Description

XNOVA series of chip-on-board (COB) arrays deliver solutions for spot lighting and directional applications in general lighting. CXM-18 is designed for PAR series bulbs and fixtures types providing lumen packages targeted to 3,000 and 4,000 lm. Efficacy over 130 LPW provide energy saving and CRIs with as high as 95 minimum deliver color rendering for the most demanding applications. CXM-18 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.

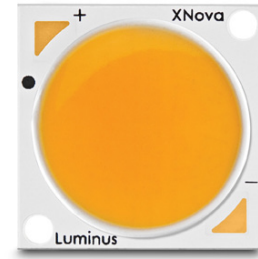
Features

- Wide range of lumen packages
 - 3,000 lm to over 5,000 lm, 3000K, 85°C
- High Lumen per Watt
 - Over 3,700 lm, 130 LPW @ 3000K, 25°C
 - Over 4,100 lm, 142 LPW @ 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
- CDM replacements
- Halogen replacements
- PAR Bulbs





Product Performance - CXM-18, 28W, 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-18	17.5	21.5x21.5	800mA	28	2700K	80	3200	110	4480	103
						90	2500	86	3500	80
						95	2340	81	3276	75
					3000K	80	3380	117	4732	109
						90	2880	99	4032	93
						95	2660	92	3724	86
					3500K	80	3490	120	4886	112
						90	3010	104	4214	97
					4000K	80	3600	124	5040	116
						90	3110	107	4354	100
					5000K	80	3690	127	5166	119
					6500K	80	3780	130	5292	122

Corporate Locations:

Luminus Headquarters
Tel: 1-978-528-8000
sales@luminus.com
www.luminus.com

Luminus China
Ning Fung: +86-136-0690-1640
www.luminus.com

North America:

Avnet Electronics Marketing
Tel: +1 480.643.8329
phlatlight@avnet.com
www.em.avnet.com

Europe, Middle East, Africa:

EBV Elektronik GmbH & Co.KG
Tel: +49 8121.774 0
generallighting@ebv.com
www.ebv.com

Worldwide:

Mouser Electronics, Inc.
Tel: +1 800.346.6873
sales@mouser.com
www.mouser.com

Digi-Key
Tel: +1 800.344.4539
webmaster@digkey.com
www.digkey.com

Asia-Pacific:

Avnet Asia (HQ - Singapore)
Tel: +65 6580.6000
asean@avnet.com
www.em.avnetasia.com

Comex Technology
Tel: +852 3113.0105
steve.ho@comex-tech.com
www.comex-tech.com

XMHolder
Tel: +65 658
sales@XMHolder.com
www.XMHolder.com