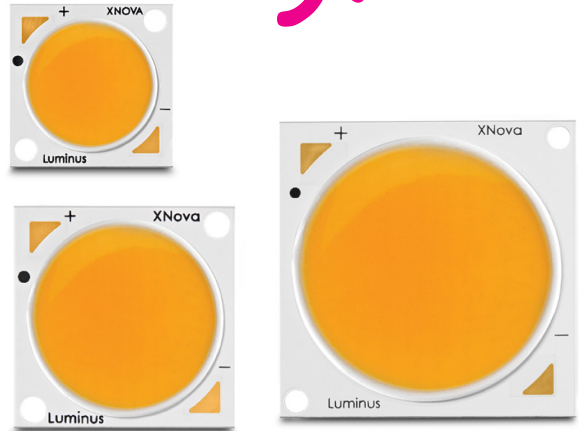


## CVM Studio COB Array LED Entertainment Lighting Preliminary Data



### Description

The Luminus XNOVA-Studio Series has been designed specifically for TV and Film production lighting. Optimized color quality facilitates color balance with Color Rendering Index (CRI) 95 and, more importantly, Television Lighting Consistency Index (TLCI) greater than 90.

Quality is essential for professional results, but without sufficient quantity, it's just a pretty light. XNOVA Studio Series punches out the light with lumen density performance that leads the market. While optimized for Fresnel fixtures, the Studio Series is suitable for gobo/framing projectors, profile spotlights and high-end hospitality and architectural applications. Show the world what quality LED lighting looks like.

### Features

- High lumen output
  - Over 11,000 lm @ 3000K, 100°C
  - Over 12,000 lm @ 5600K, 100°C
- CCTs, 3050K and 5600K
- High Lumen Density Emitter
  - Over 2,100 lm/cm<sup>2</sup> 100°C
- High temperature (100°C) binning
  - Optimized for TLCI and CRI > 90
- 2 SDCM color bin standard
  - No perceptible color variation

### Applications

- Studio Lighting
- Film Production Lighting
- Fresnel Replacements
- Framing Projectors
- High-end Hospitality and Retail

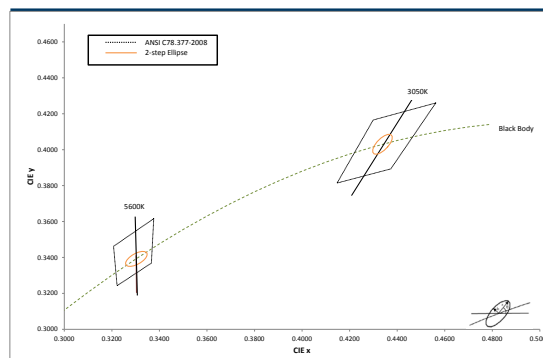


## CVM Studio Series "Quality Lighting"

The series is designed specifically to replace industry standard Fresnels. Available in a range of wattages at both 3050K and 5600K white points. Tight chromaticity binning assures consistent color in your fixtures for seamless blending in the studio. Carefully smoothed spectra result in consistently high CRI and TLCI values. The Studio Series has been designed for the professional who depends on quality and consistency.

CCT			Output Flux (lm)		Reference	2-step MacAdam Ellipse
	LES (mm)	Test Current (A)	Typ. (100°C)	Min. (100°C)	Typ. (calculated) (25°C)	
3000K	13.5	1.0	2,575	2,395	3,085	CVM-14-31-95-36-AC00-02-2
	17.5	1.8	4,425	4,100	6,025	CVM-18-31-95-36-AA00-F2-2
	26.5	4.2	11,500	10,750	13,800	CVM-27-31-95-36-AA00-F2-2
5600K	13.5	1.0	2,800	2,600	3,350	CVM-14-56-95-36-AC00-F2-2
	17.5	1.8	4,650	4,325	5,575	CVM-18-56-95-36-AA00-F2-2
	26.5	4.2	12,500	11,500	15,000	CVM-27-56-95-36-AA00-F2-2

## 2 SDCM Color Bins



## Where to Buy

### Luminus Devices:

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

**Luminus China**  
Yong Liao: +86-133-0604-9810  
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@digikey.com  
www.digikey.com

### Asia-Pacific:

**Avnet Asia (HQ -Singapore)**  
Tel: +65-6580-6000  
asean@avnet.com  
www.em.avnetasia.com

**Comex Technology**  
Tel: +85-2- 3113-0105  
steve.ho@comex-tech.com  
www.comex-tech.com

### Japan:

**Marubun Corporation**  
Tel: +81-3-3639-9872  
ytaniguc@marubun.co.jp  
www.marubun.co.jp