



LED Lighting Catalog

Fall 2013



CS Series Linear



Delivers higher CRI, better energy savings, longer life and broader color rendering than traditional fluorescent lamps.

The CS Series LED linear luminaire uses a highly-efficient optical design approach that integrates an upward-facing LED light strip with Cree TrueWhite® Technology and an ultra-lightweight upper reflector featuring all-new Cree MicroMixing™ Optics. Cree MicroMixing™ Optics are formed with tiny impressions on the highly-reflective polymer material. Combined, these individual optics form a complex multi-faceted pattern that blends and redirects the light into space with precise control and color-mixing. Other additions to the advanced optics are the intelligent design and inherent features of the CS Series LED linear luminaire. The housing and reflectors are constructed of high-strength, lightweight polymers resulting in a durable and lightweight design. The multi-functional heat sink is designed to maximize cooling effectiveness by allowing free air movement around and through the luminaire. This breakthrough design enables the LEDs to consistently run cooler, providing significant boosts to lifetime, efficacy and color consistency. The heat sink also doubles as a channel for through wiring which simplifies installation, making continuous row illumination quick and easy.

BENEFITS

- Delivered lumens up to 8200
- Unmatched lightweight design
- Tool-less electrical access
- Standard dimming to 5%

FEATURES

- Utilizes Cree TrueWhite® Technology
- Cree MicroMixing™ Technology
- Active color management
- Efficacy up to 115 LPW
- Made in the U.S.A. of U.S. and imported parts
- Standard 10-year limited warranty
- 50,000-hour rated life (100-LPW units); 75,000-hour rated life (115-LPW units)

APPLICATIONS

- Retail, education, office, warehouse, light industrial, low-bay lighting

CS18™



CS14™

CS Series Linear

Ordering Information

Example: **CS18-80L HE-35K-10V**

PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL
CS14 1x4 Linear	22L 2200 Lumens - 100 LPW	35K 3500K	Blank 120-277V	10V 0-10V Dimming
	38L 3800 Lumens - 100 LPW	40K 4000K		
	38LHE 3800 Lumens - 115 LPW			
	40LHE 4000 Lumens - 115 LPW			
CS18 1x8 Linear	44L 4400 Lumens - 100 LPW	35K 3500K	Blank 120-277V	10V 0-10V Dimming
	75L 7500 Lumens - 100 LPW	40K 4000K		
	80LHE 8000 Lumens - 115 LPW			
	82LHE 8200 Lumens - 115 LPW			

*Ordering information is for reference only. Some product configurations are not available. Please consult spec sheets for specific product availability and for further details.

Accessory Information

SURFACE MOUNT

TMM: Metal Tong (pair)**PC5-12/3-24-JB**

24" Power Feed, #12/3 SJT Cord for J-Box Mount

PC5-18/5-24-JB

24" Power Feed, #18/5 SJT Cord for J-Box Mount

PC5-18/2-24-JB

24" Power Feed, #18/2 SJT Cord for J-Box Mount

SUSPENDED MOUNT

ACS-12/3-48-Q14B-JB

48" Power Feed, #12/3 SJT Cord with Cable Support for J-Box

PC5-12/3-24-JB

24" Power Feed, #12/3 SJT Cord, J-Box Mount

ACS-18/5-48-Q14B-JB

48" Power Feed, #18/5 SJT Cord with Cable Support for J-Box

PC5-18/5-24-JB

24" Power Feed, #18/5 SJT Cord, J-Box Mount

ACS-18/2-48-Q14B-JB

48" Power Feed, #18/2 SJT Cord with Cable Support for J-Box

PC5-18/2-24-JB

24" Power Feed, #18/2 SJT Cord, J-Box Mount

ACS-48-Q14B-TB

48" Cable Support for T-bar mount

ACS-48-Q14B-TB

48" Cable Support for T-bar mount

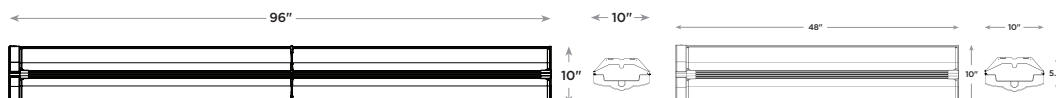
ACS-48-Q14B-TB

48" Cable Support for T-bar mount

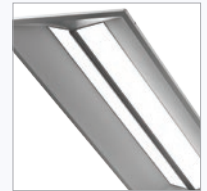
Dimensions

CS18™ LINEAR LUMINAIRE

CS14™ LINEAR LUMINAIRE



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CR SERIES TROFFERS p.40
High-Efficiency, Affordable Troffers



LR SERIES DOWNLIGHTS p.30
Commercial-Upgrade Downlight Solutions



LRP SERIES LAMPS p.68
LED PAR Lamp