



LED Lighting Catalog

Fall 2013



CR Series Troffers



Redefining commercial lighting by offering a no-compromise alternative when upgrading over fluorescent lighting.

The CR Series architectural LED troffers deliver up to 5000 lumens of exceptional 90+ CRI light while achieving up to 130 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology with a unique thermal management approach. The CR Series troffers are available in a variety of color temperatures and have step, 0-10V or Lutron EcoSystem® Enabled dimming options. Their compact, lightweight design easily accommodates recessed, surface mount or suspended installations, making the CR Series troffers perfect for use in commercial, new construction or retrofit applications.

BENEFITS

- Significant energy savings
- Years of near-maintenance free service
- Superior color accuracy and consistency
- Easily designed into any space; a variety of lumens, color temperatures and control options

FEATURES

- Utilizes Cree TrueWhite® Technology or High Definition Color
- Efficacy up to 130 LPW
- Active color management
- Standard 10-year limited warranty
- 50,000-hour rated (90 LPW - High Definition Color)
- 75,000-hour rated (100 LPW - Cree TrueWhite® Technology)
- 100,000-hour rated (Up to 130 LPW Cree TrueWhite® Technology High Efficacy)

APPLICATIONS

- Airport, corporate campus, healthcare, municipal, restaurant & hospitality, retail & grocery, school & university, government

CR24™



CR14™



CR22™



CR Series Troffers

Ordering Information

Example: **CR22-20L-30K-S-EB14**

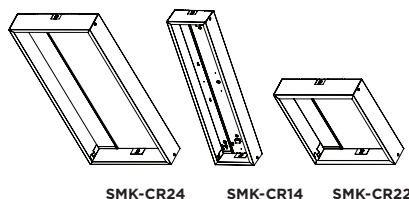
PRODUCT	LUMEN OUTPUT	COLOR TEMP.	VOLTAGE	CONTROL	OPTIONS
CR14 1x4 Lay-in	20L 22W 2000 Lumens - 90 LPW	30K 3000K	Blank 120-277V	S Step dimming to 50% 10V 0-10V dimming to 5% LES Lutron EcoSystem® Enabled to 5%	HD High Definition Color - CRI 80+ (90 LPW) 32L 35W 3200 Lumens - 90 LPW 40L 44W 4000 Lumens - 90 LPW
CR22 2x2 Lay-in	22L 22W 2200 Lumens - 100 LPW	35K 3500K			EB14 Emergency Backup - 1400 Lumens
CR24 2x4 Lay-in	31L 34W 3100 Lumens - 90 LPW	40K 4000K			EB14SMK Emergency Backup with Surface Mount Kit - 1400 Lumens
	32L 32W 3200 Lumens - 100 LPW	50K 5000K			
	40L 40W 4000 Lumens - 100 LPW				
	40L HE 30.5W 4000 Lumens - 130 LPW (30K) 32W 4000 Lumens - 125 LPW (35K) 33W 4000 Lumens - 120 LPW (40K) 34.5W 4000 Lumens - 115 LPW (50K)				
	50L 50W 5000 Lumens - 100 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 KITS

For installing CR Series troffers onto hard ceiling, where above-ceiling installation isn't possible. SMK kits come in a standard white color.

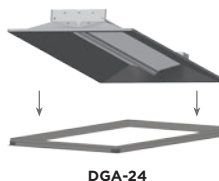


SMK-CR24 SMK-CR14 SMK-CR22

NOTE: Included in EB14SMK option.

DRYWALL GRID ADAPTORS

For installing CR Series troffers into drywall applications. DGA Kits come in a standard white color. Only available for CR24™ troffer.



DGA-24

347V CONVERSION KIT

The 347V Conversion Kit allows a CR Series troffer or CR Series light engine to be converted to work with 347V installations.

CR-347V
(347 Volt)

CR-347V-SD
(Step Dimming to 50%)

EXPANDED SIZE JUNCTION BOX

To expand the size of the standard junction box on the CR Series troffers to allow for easier through wiring. Comes in standard five-packs.

EJBCR-5PK

NOTE: Use of Expanded Junction Box will expand the depth to 6.67" and Emergency Backup will expand the depth to 6.30".

CHICAGO PLENUM FIELD KITS

A field-installable kit to transform the CR Series troffers to be compliant with Chicago Plenum requirements.

CPLCR

CPLCR-EM
(for use with EB14 option)

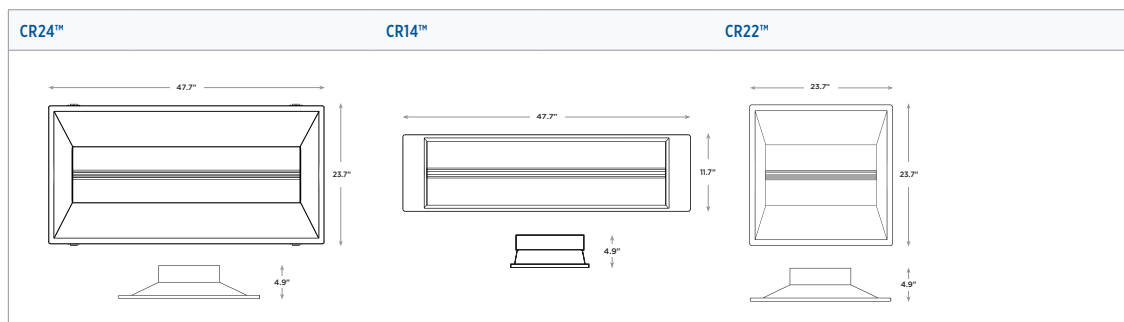
OTHER ACCESSORIES

PW-18/4-06-9T/SS-CR
(Power Whip)

AC5-18/4-72-PD8-JB
(Adjustable Cable)

AC5-72-PD8-JB
(Adjustable Cable)

Dimensions



You May Also Be Interested In:



CR-LE p.42
Light Engine Kits to Match the CR Series Troffer



CS SERIES LINEAR p.58
Commercial Linear Solutions



KR SERIES DOWNLIGHTS p.24
Effective, Efficient LED Downlights