Project		Catalog #		Type	
Prepared by		Notes		Date	

2x4 Exploded View
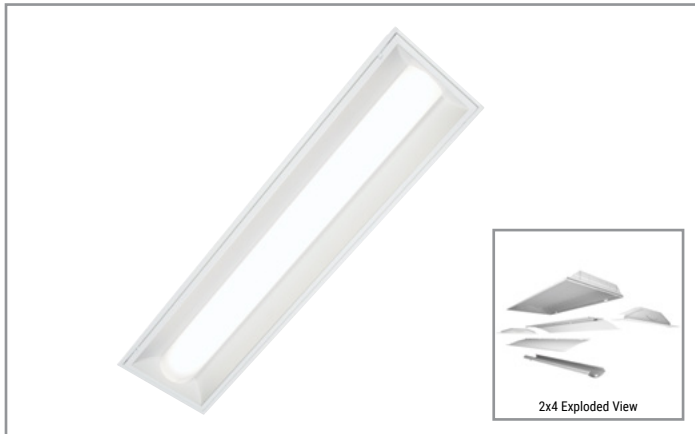
Metalux

CZRK 1x4 Retrofit Kit

In process of being discontinued and replaced by the CBRK. Consult factory for details.

Typical Applications
Commercial Office • Schools • Hospitals • Retail

Interactive Menu

- Order Information page 2
- Control Solutions page 3
- Connected Systems page 3
- Product Warranty

Product Certification

UL CERTIFIED SAFETY · RoHS COMPLIANT · IC RATED · IP40

Product Features

damp location · MWS MODULAR WIRING SYSTEM CLICK HERE

Top Product Features

- 1x4 matches family appearance with 2x2 and 2x4 sizes available
- Simple and tool-less installation (less than 5 minutes) - labor savings
- High efficacy to maximize payback
- Uses the fluorescent luminaire's housing - lower disposal costs
- Energy savings greater than 50% vs.fluorescent luminare

Dimensional and Mounting Details

2-7/16" [62mm]

11-7/8" [302mm]

11-7/8" [302mm]

47-7/8" [1216mm]

COOPER Lighting Solutions
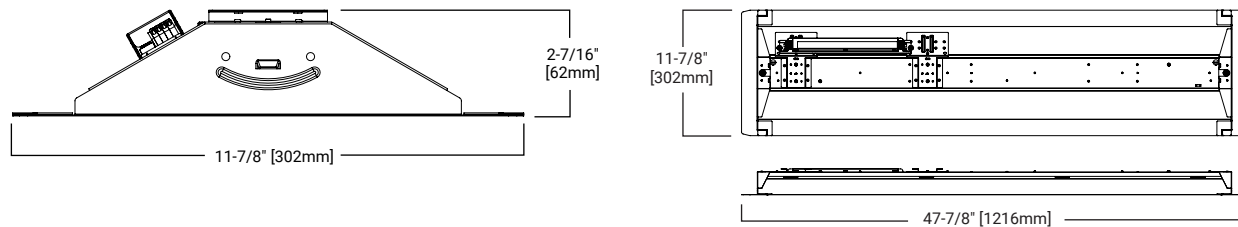
Order Information

SAMPLE NUMBER: **14CZRK-LD4-20-UNV-L835-CD1-U**

Series	Lamp Type	Lumen Output	Performance Type	Voltage	Emergency Options
14CZRK=1' x 4' Cruze Retrofit Kit	**LD4**=LED 4.0	**20**=2000 Lumen **30**=3000 Lumen	**[Blank]**=Standard Performance	**UNV**=Universal Voltage 120-277	**EL7W**=7-watt, 120V-277V emergency battery pack installed (2) **EL14W**=14-watt 120V-277V emergency battery pack installed (2)
					Notes (2) With integral test switch/indicator/laser test. For approximate delivered lumens multiply the lumens per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens). IES-format photometry for luminaire under emergency operation available.

CCT	Driver Type	Number of Drivers	Packaging	Accessories
L835=3500K **L840**=4000K	**CD**=0-10V Dimming Driver (1% - 100% Dimming)	**1**=1 Driver	**U**=Unit Pack	**0590CZRKEQCABLE PK**=Earthquake Cable Kit (4)
				Notes (4) The EQ harness is pre-installed on the retrofit kit. This kit is available as a replacement item only.

Product Specifications

Construction
- Rigid die-formed of code gauge prime cold rolled steel housing with full length die-formed stiffeners
- Unibody endplates for added strength
- Innovative design allows for quick and simple retrofit of fluorescent recessed troffers and parabolic luminaires resulting in an upgraded look with superior lens uniformity and visual comfort
- Cable retention harness is pre-installed at the factory to speed installation. Kit is also available as replacement if needed.

Controls
- 0-10V dimming to 10% standard
- Optional 1% dimming is available
- DALI 2.0, Lutron, and step-dimming available

Electrical
- Long-life LED system with electrical driver for optimal performance
- LED's available in 3500K or 4000K with a minimum CRI of ≥ 80
- High performance efficacy
- Projected life is 60,000 hours at 85% lumen output based on TM21 testing standards
- Electronic drivers available for 120-277V and 347V applications

Emergency Battery Pack Options
- Optional 120V-277V integral emergency battery pack available in 7W or 14W
- 90-minute backup period for code compliance
- Test switch with laser pointer allows safe testing from floor
- Patented EZ Key prevents accidental discharge during construction

Finish
- Multi-stage, iron phosphate pretreatment ensures maximum bonding and rust inhibition
- Housing finish is paint after fab matte white

Shielding
- Positive light seals prevent light leaks on the ends
- Frosted lens with ribs improves the distribution and matches the Cruze family appearance

Compliance
- Indoor luminaires are cULus listed for 25°C ambient environments
- RoHS compliant

Warranty
- Five year warranty standard.
- Optional ten year warranty is available

Energy and Performance Data by Catalog Numbers

Catalog Logic (Ribbed Lens)	Delivered Lumens	Watts	Efficacy (lm/W)
14CZRK-LD4-20-UNV-L835-CD1-U	1840	13.8	133
14CZRK-LD4-20-UNV-L840-CD1-U	1898	13.8	138
14CZRK-LD4-30-UNV-L835-CD1-U	3039	22.6	134
14CZRK-LD4-30-UNV-L840-CD1-U	3136	22.6	139

Lumen Maintenance

Ambient Temperature	TM-21 Lumen Maintenance (60,000 hours) (1)	Theoretical L70 (Hours) (2)
25°C	> 85%	> 135,000

Shipping Data

Catalog No.	Wt.
14CZRK	12 lbs.

Notes: (1) Supported by IES TM-21 standards. (2) Theoretical values represent estimations commonly used; however, refer to the IES position on LED Product Lifetime Prediction, IES PS-10-18, that explains proper use of IES TM-21 and LM-80.

COOPER
Lighting Solutions

Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com

© 2021 Cooper Lighting Solutions
All Rights Reserved.

Specifications and dimensions
subject to change without notice.

PS519350EN **page 2**
July 22, 2021 1:37 PM