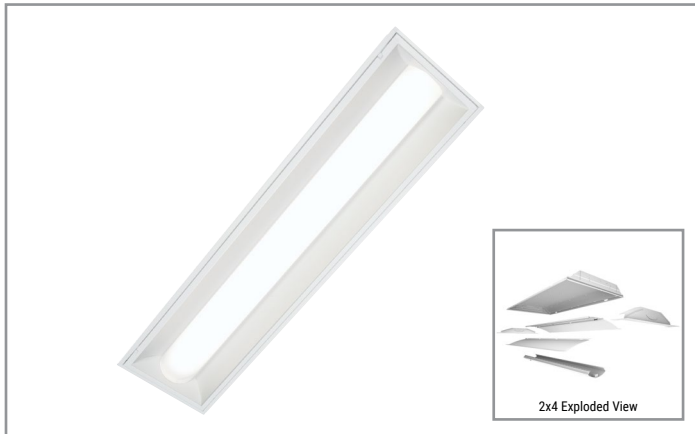


Project		Catalog #		Type	
Prepared by		Notes		Date	



# 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
- Product Warranty

### Product Certification



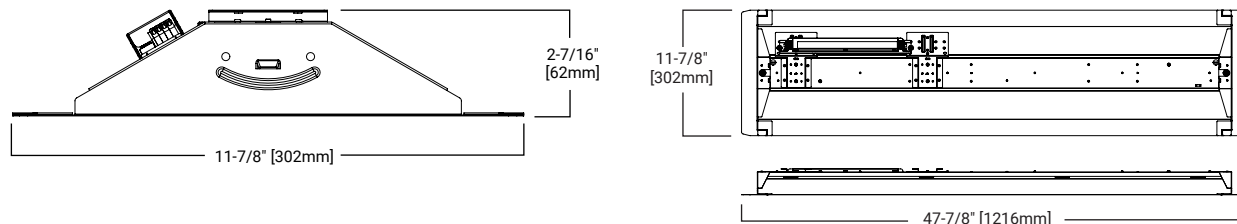
### Product Features



### 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 luminaire

### Dimensional and Mounting Details



## Order Information

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

Domestic Preferences	Series	Lamp Type	Lumen Output	Performance Type	Voltage	Emergency Options
Domestic Preferences <sup>(1)</sup>	Series	Lamp Type	Lumen Output	Performance Type	Voltage	Emergency Options
[Blank]=Standard BAA=Buy American Act TAA=Trade Agreements Act	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 <sup>(2)</sup> EL10W=10-watt 120V-277V emergency battery pack <sup>(2)</sup> EL14W=14-watt 120V-277V emergency battery pack <sup>(2)</sup> EL10WSD=10W emergency battery pack with self-diagnostic installed <sup>(2),(5)</sup> EL14WSD=14W emergency battery pack with self-diagnostic installed <sup>(2),(5)</sup>
<b>Notes</b> (1) Only product configurations with these designated prefixes are built to be compliant with the Buy American Act of 1933 (BAA) or Trade Agreements Act of 1979 (TAA), respectively. Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.						<b>Notes</b> (2) Factory installed 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. Battery option increases total height by 1 inch. (5) EL10WSD and EL14WSD not available with 347V.

CCT	Driver Type	Number of Drivers	Packaging	Accessories
CCT	Driver Type	Number of Drivers	Packaging	Accessories <sup>(4)</sup>
L835=3500K L840=4000K	CD=0-10V Dimming Driver (1% - 100% Dimming)	1=1 Driver	U=Unit Pack	0590CZRKEQCABLE PK=Earthquake Cable Kit <sup>(3)</sup>
				<b>Notes</b> (3) The EQ harness is pre-installed on the retrofit kit. This kit is available as a replacement item only. (4) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

## 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) <sup>(1)</sup>	Theoretical L70 (Hours) <sup>(2)</sup>
25°C	> 85%	> 135,000

**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.

### Shipping Data

Catalog No.	Wt.
14CZRK	12 lbs.