

Quick install

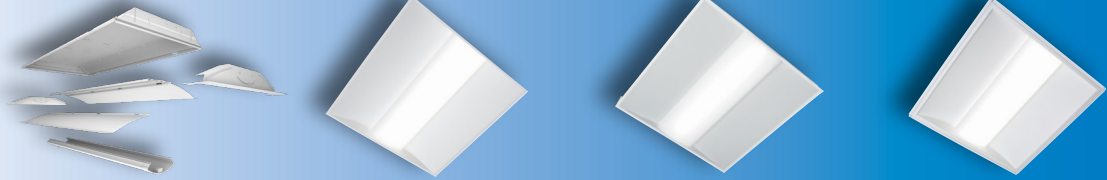
Aesthetic appeal

Shallow plenum

Room side access

Center Basket portfolio

The Cruze™ LED series combines contemporary styling, optimal illumination design, energy efficiency and installation features to deliver superior lighting using Cooper Lighting Solution's latest solid state technology.



		Cruze RK	Cruze ST	RTC	Cruze SB
FEATURES / PERFORMANCE	Sizes	1x4, 2x2, 2x4	1x4, 2x2, 2x4	1x4, 2x2, 2x4	1x4, 2x2, 2x4
	lm/W (Max)	138	157	133	157
	Lum (Max)	5000	17000	7000	7500
	Life (@60K)	L85	L90	L75	L84
	Lens	Frost, Ribbed	Frost, Ribbed, Smooth, or Square	Frost, Ribbed	Frost, Ribbed or Smooth
	CRI	80+	80+ / 90	80+	80+ / 90
	Depth	Standard 3.25"	Standard 3.25"	Shallow 2.4"	Standard 3.25"
	Driver access	Bottom	Plenum	Plenum	Bottom
	Type	Kit	Fixture, Standard	Fixture, Shallow	Fixture, Driver Access
	Air Venting	None	Yes	None	None



Connected lighting system

WaveLinx

Wireless Connected Lighting System

Adjustable occupancy sensing and daylight dimming control
Simple, secure wireless connectivity with out-of-the-box code compliance
Easy to use mobile application allows for fast set up and unlocks advanced control capabilities
Detection pattern covers standard ceiling applications up to 12 feet

SVPD

Integrated Sensor System

Adjustable occupancy sensing and daylight dimming control
Out-of-the-box functionality with no configuration required
Optional handheld remote for field adjustments and personal control
Low-bay and high-bay detection pattern options for various ceiling heights up to 30 feet

Enlighted

Wireless Connected Lighting System

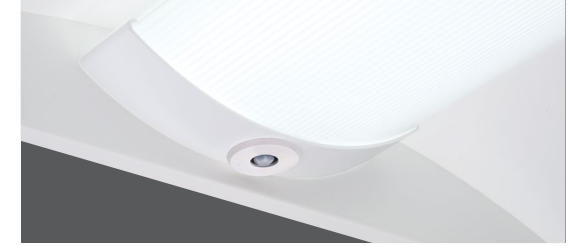
Configurable dimming, occupancy, light, temperature and power use sensing
Enterprise-class wireless networking with fully addressable settings
Powerful software for energy management and Internet of Things (IoT) data capture and analytics
Low bay detection pattern covers low- and high-ceiling applications up to 20 feet

DLVP

Distributed Low Voltage Power System

Save on labor costs. With an average of 40% reduction in man hours, DLVP reduces number of qualified electricians needed on the job site and installs 2X faster than traditional systems.
Save on materials. DLVP eliminates the need for unnecessary line-voltage materials.
No system commissioning. A contractor can configure the system with the flip of a switch, or by using a handheld remote.
Code compliance made easy. The system was designed to meet the energy code requirements of any space.

Integrated sensor controls



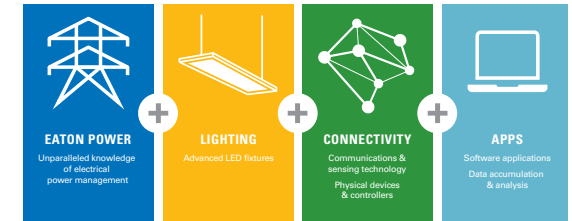
Cruze with sensor

Take compliance, network security, and energy savings into your own hands.

Metalux center-basket luminaires are available with integrated wireless sensors to simplify the controls installation, enable automatic code compliance and transmit key building data. These systems offer enhanced features to deliver value beyond lighting.

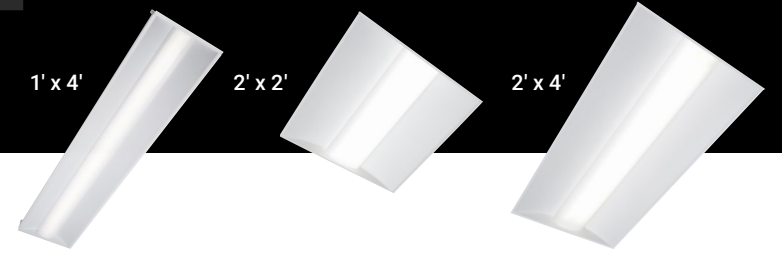


We make connections work





ST CRUZE



Cruze™ ST Architectural | Appeal

Cruze ST is a specification lensed LED troffer series that delivers architectural features with unmatched value. This high quality luminaire is constructed with the latest solid state lighting technology matched with architectural grade elements to deliver superior aesthetics, optical distribution, and energy efficiency. The Cruze ST is compatible with all of today's popular ceiling systems and is available with options and accessories to deliver the features needed for use in premier office spaces, primary and secondary schools, and retail merchandising.

Latchless design - architectural appeal

Very high efficacy (VHE) versions up to 157 lm/W and up to 17000 lumens

VividTune™ CCT tuning, 3000K - 5000K and 2700K - 6500K

Integrated sensors with IoT Connectivity

Multiple lens options (ribbed, smooth, round, square)

80 and 90CRI @ 3000K, 3500K, 4000K, 5000K CCT

1' x 4', 2' x 2' and 2' x 4' recessed versions available

Air venting option available

ST CRUZE



Construction

Recessed 2' x 2', 2' x 4' and 1' x 4'	
Standard depth: 2' x 2', 2' x 4' \updownarrow 3.25"	1' x 4' \updownarrow 2.25"
Latchless design for architectural appeal	
CuLus damp location / IC Rated / RoHS compliant / DLC and DLC Premium qualified	
Matte white paint after fabrication finish standard	
Five-year warranty standard, 10 year available	

Performance

High-performance efficacy up to 157 lumens per watt
Energy savings in excess of 70% compared to traditional fluorescent troffers
1' x 4': L91 @ 60,000 hrs. / 2' x 2': L90 @ 60,000 hrs. / 2' x 4': L90 @ 60,000 hrs.
Binning: Per ANSI, 3-step MacAdam ellipse

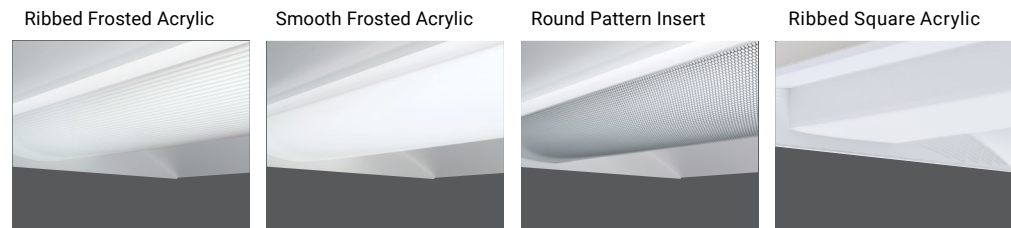
Options

Fourteen stock SKU in 3500K and 4000K		
High Performance Efficacy (HE)	Standard Efficacy	WaveLinX
- 2' x 2': 3400	- 2' x 2': 3200 and 3900	- 2' x 2': 3400
- 2' x 4': 4000	- 2' x 4': 3500, 4000 and 5000	- 2' x 4': 4000
Very high efficacy (VHE) packages offered as MTO up to 17000 lumens		
Acrylic lens options – Ribbed Frosted, Smooth Frosted, Round Perforated, and Smooth Square		
Universal (120V-277V) or 347V		
Emergency – EL7W and EL14W, ETRD and GTR and new UL924 listed fixture options		
Surface mount field install kits		
Flex wiring configurations		
Chicago plenum rated version		
Air venting for use in plenum air return applications		

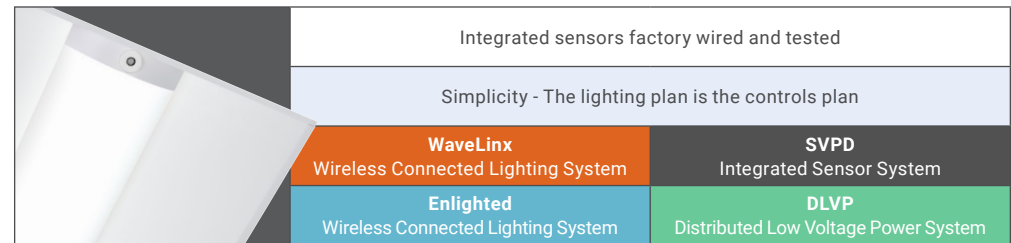
Compliance and approvals



Lens options



Connected lighting system

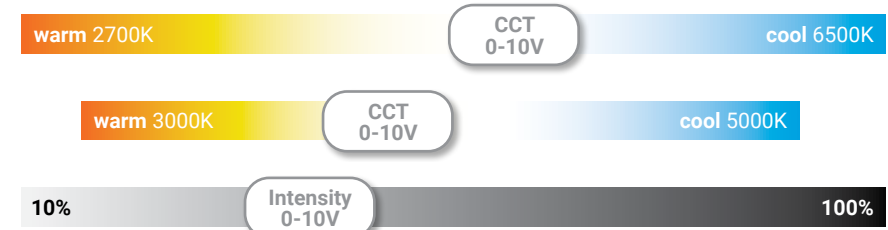
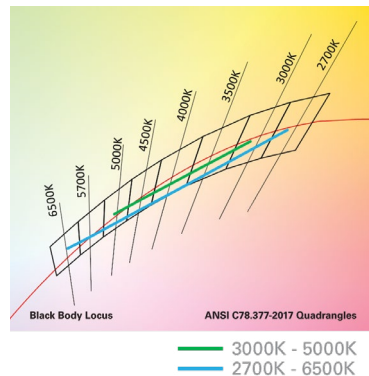


VividTune

color tuning solutions

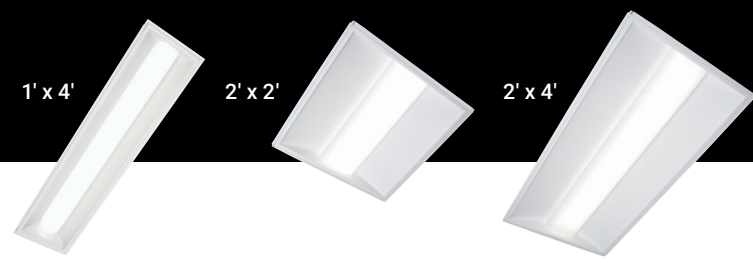
Cruze ST LED with VividTune Tunable White

VividTune tunable white luminaires from Cooper Lighting Solutions deliver high-quality light in a broad range of continuously variable color temperatures and intensities. Create a dynamic environment by adjusting the ambient light warmer or cooler to influence mood, support the task at hand, or create a dramatic ambience. The ability to control correlated color temperature and intensity separately using simple controls is the next evolution of LED lighting for the commercial, educational, healthcare and hospitality space. The unparalleled flexibility and number of available lighting environments enable users to find the right light with tunable white.





SB
CRUZE



Cruze™ SB Architectural | Access

Cruze SB is a specification lensed troffer series that delivers architectural aesthetics with additional features to meet the most demanding applications. This high quality luminaire is constructed with the latest solid state lighting technology. It offers servicing of electronics from below the ceiling plane, optimized optical distribution, superior performance, and market leading energy efficiency. The Cruze SB is compatible with all of today's popular ceiling systems and is available with a number of options and accessories for application versatility.

Service from below - door access

High performance efficacy up to 154 lm/W

VividTune™ CCT tuning, 3000K - 5000K and 2700K - 6500K

Integrated sensors with IoT Connectivity

Multiple lens options for customizable looks

80 and 90CRI @ 3000K, 35000K, 4000K, 5000K CCT

1' x 4', 2' x 2' and 2' x 4' recessed versions available



Construction

Recessed 2' x 2', 2' x 4' and 1' x 4'
Standard depth: 2' x 2', 2' x 4' \updownarrow 3.25" 1' x 4' \updownarrow 5.4"
Tool-less hinged door access, CAM latches and PAF finish
CuLus damp location / IC Rated / RoHS compliant
DLC and DLC Premium qualified
Five-year warranty standard, 10 year available

Performance

High-performance efficacy up to 157 lumens per watt
Energy savings in excess of 65% compared to traditional fluorescent troffers
1' x 4': L84 @ 60,000 hrs. / 2' x 2': L79 @ 60,000 hrs. / 2' x 4': L80 @ 60,000 hrs.
Binning: Per ANSI, 3-step MacAdam ellipse

Options

Lumen packages offered as MTO up to 7500 lumens
Acrylic lens options – Ribbed Frosted, Smooth Frosted, and Round Perforated
Universal (120V-277V) or 347V
Emergency – EL7W and EL14W, ETRD and GTR
Surface mount field install kits
Flex wiring configurations
Chicago plenum rated version

Compliance and approvals



Lens options



Connected lighting system

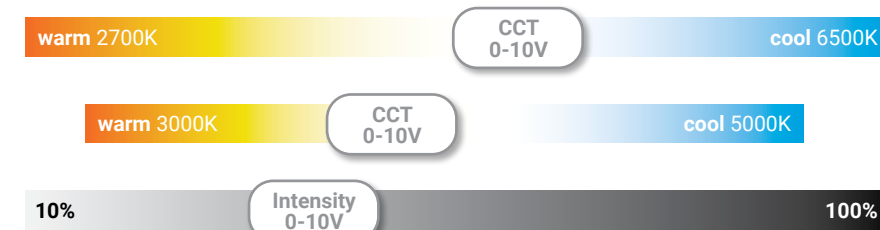
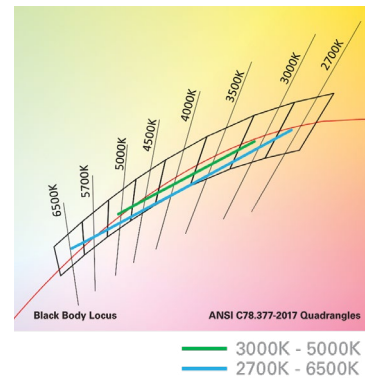
Integrated sensors factory wired and tested	
Simplicity - The lighting plan is the controls plan	
WaveLinx Wireless Connected Lighting System	SVPD Integrated Sensor System
Enlighted Wireless Connected Lighting System	DLVP Distributed Low Voltage Power System

VividTune

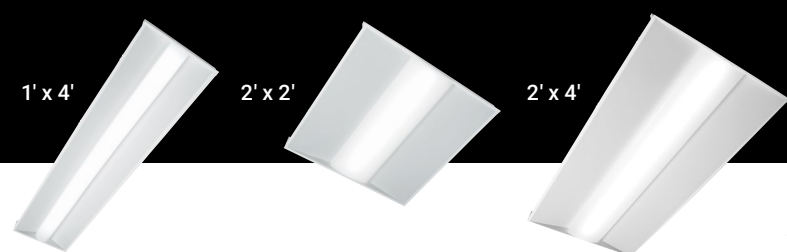
color tuning solutions

Cruze SB LED with VividTune Tunable White

VividTune tunable white luminaires from Cooper Lighting Solutions deliver high-quality light in a broad range of continuously variable color temperatures and intensities. Create a dynamic environment by adjusting the ambient light warmer or cooler to influence mood, support the task at hand, or create a dramatic ambience. The ability to control correlated color temperature and intensity separately using simple controls is the next evolution of LED lighting for the commercial, educational, healthcare and hospitality space. The unparalleled flexibility and number of available lighting environments enable users to find the right light with tunable white.



RTC



Typical troffer



RTC Architectural | Shallow

The RTC lensed troffer series provides performance, reliability and flexibility with a housing optimized for shallow plenums. Developed with Cooper Lighting Solution's latest generation of solid-state components and electronic driver technologies, these center illuminated troffers provide numerous options for color, lumens, controls and sensing. Designed to be compatible with popular ceiling systems, the RTC troffers are ideal for both new construction and remodel/replacement of fluorescent troffers in commercial office spaces, schools, healthcare facilities, and retail merchandising areas.

Shallow plenum design solution

- High performance efficacy up to 133 lm/W
- Integrated sensors with IoT Connectivity
- Fine ribbed frost lens unique to RTC series
- 80CRI @ 3000K and 4000K
- 1' x 4', 2' x 2' and 2' x 4' recessed versions available

RTC



Construction

Recessed 2' x 2', 2' x 4' and 1' x 4'

Shallow depth: 1' x 4', 2' x 2', 2' x 4' **2.4"** Low profile - perfect for shallow/restricted plenums


Uniform body, strong cold rolled steel

Impact-resistant polycarbonate lens

Fast install with easy wiring access and plug-in wire connectors

T-grid clips included

Standard access plate with trade-size knockouts and large wiring compartment



Performance

High lumen options up to 7000 lumens

True replacement two and three lamp troffers with T8, T5 or Biax lamps

Up to 60% energy savings

System lasts over 25 years with TM21 rating of L75, 60,000 hours

Five year warranty

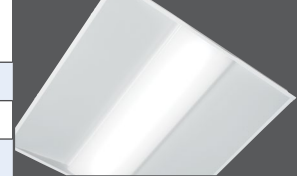
Architectural elements

Advanced optical control with fine linear prisms for uniform light distribution

Matte white post-fabrication painted from corner to corner

Selective binning to ensure color consistency

83 CRI with 3500K and 4000K



Compliance and approvals



Connected lighting system

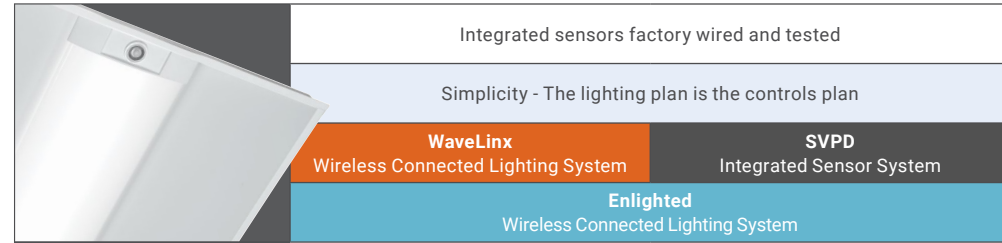
Integrated sensors factory wired and tested

Simplicity - The lighting plan is the controls plan

WaveLinx Wireless Connected Lighting System

SVPD Integrated Sensor System

Enlighted Wireless Connected Lighting System



Energy data¹

Catalog No. (4000K) ³	RTC			Popular fluorescent fixtures			Energy savings
	Lumens ²	Watts	Efficiency lm/W	Fixture type	Lumens*	Wattage	
24RTC4840	4922	37.8	130	Parabolic 332	5646	83.0	54%
				Troffer 232	4400	55.4	32%
				Indirect Basket 332	4583	83.7	55%
24RTC6840	7195	57.1	126	Troffer 332	6629	81.7	30%
				Troffer 432	8402	109.7	48%
22RTC3440	3632	28.6	127	Indirect Basket 2BX40	4324	68.2	58%
				Troffer 2U6T8	3862	52.1	45%
22RTC4840	4889	38.1	128	Indirect Basket 332	4583	83.7	54%
				Indirect Basket 2BX40	4324	68.2	44%
				Troffer 2U6T8	3862	52.1	27%
				Direct Dual Lens 224	2975	52.0	27%
				Parabolic 2U6T8	2791	58.8	35%
14RTC3440	3643	28.6	127	Troffer 232	4224	55.4	48%

¹ Additional lumen options available see spec sheet for details.

² Lumens listed are delivered lumens.

³ Also available in 3500K.





CRUZE UNDER
FIVE



Cruze™ **RK** Architectural | Speed

Cruze RK is a specification grade retrofit that delivers architectural features and is engineered for speed. This high quality Retrofit is constructed with the latest solid state lighting technology matched with design features to quickly upgrade to superior aesthetics and energy efficiency. The Cruze RK is designed to fit most traditional recessed luminaires and makes it easy to switch to LED.

Installs in less than five minutes - time is money

Designed to fit most installed fluorescent troffers > 3" deep

Matches Cruze family ribbed lens

High performance efficacy up to 139 lm/W

Integrated sensors with IoT Connectivity

80CRI @ 3000K and 4000K

1' x 4', 2' x 2' and 2' x 4' recessed troffer retrofits



from fluorescent



to LED



Make the switch in under five minutes!

Simple and quick installation

- Installs in less than five minutes = **significant labor cost savings**
- Utilize the existing fluorescent luminaire's housing = **lower disposal costs**
- No tools required

Reduced energy consumption

- Energy savings greater than 60% vs. fluorescent luminaires
- High-performance efficacy up to 139 lm/W
- DesignLights Consortium® Qualified

Architectural style aesthetics

- Superior lens uniformity with full illumination
- Designed for offices, schools, hospitals, and retail applications
- Available in 1' x 4', 2' x 2' and 2' x 4' sizes

Integrated controls

- 10-100% dimming
- Optional Integrated sensor system for daylight harvesting and occupancy sensing
- Optional Enlighted and WaveLinx wireless sensing and control system

CRUZE
RK



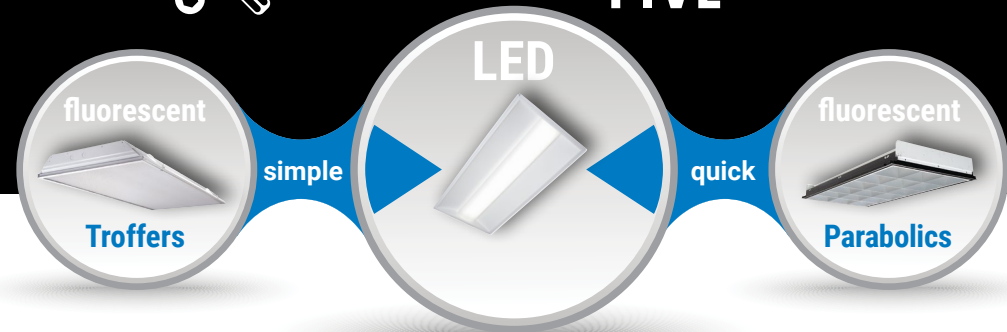
Convert fluorescent to energy-efficient LED



Tool-less installation without entering the ceiling.



Installation under five minutes.



Connected lighting system

	Integrated sensors factory wired and tested				
	Simplicity - The lighting plan is the controls plan				
	<table border="1"> <tr> <td>WaveLinx Wireless Connected Lighting System</td> <td>SVPD Integrated Sensor System</td> </tr> <tr> <td colspan="2">Enlighted Wireless Connected Lighting System</td> </tr> </table>	WaveLinx Wireless Connected Lighting System	SVPD Integrated Sensor System	Enlighted Wireless Connected Lighting System	
WaveLinx Wireless Connected Lighting System	SVPD Integrated Sensor System				
Enlighted Wireless Connected Lighting System					

Energy savings

Operating and maintenance costs of a lighting system are dramatically impacted by the specified lamp source and electrical system. Total system input watts and fixture operating life should be the driving considerations when addressing energy consumption and total cost of ownership. Energy savings increase when energy consumption is reduced and maintenance intervals are extended.



Energy Performance Table

Standard Efficacy versions shown in chart. High Performance options are available for additional energy savings.

Select 1' x 4' Cruze Retrofit Kit SKUs			Popular Fluorescent Fixtures			
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	Energy Savings
14CZRK-LD4-20-UNV-L835-CD1-U	1840	13.8	Parabolic 132	1568	28.0	-51%
14CZRK-LD4-30-UNV-L835-CD1-U	3039	22.6	Parabolic 232	3136	52.0	-57%
			Troffer 232	3920		
			Indirect Basket 332	3248		
Select 2' x 2' Cruze Retrofit Kit SKUs			Popular Fluorescent Fixtures			
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	Energy Savings
22CZRK-LD4-34-UNV-L835-CD1-U	3845	31.8	Troffer 2U6T8	3862	52.1	-39%
			Troffer 317	2601	42.9	-25%
			Parabolic 317	2588	49.1	-53%
Select 2' x 4' Cruze Retrofit Kit SKUs			Popular Fluorescent Fixtures			
Catalog Number	Lumens*	Wattage	Fixture Type	Lumens*	Wattage	Energy Savings
24CZRK-LD4-50-UNV-L835-CD1-U	5495	46.5	Parabolic 332	5646	83.0	-44%
24CZRK-LD4-40-UNV-L835-CD1-U	4311	36.4	Troffer 232	4310	52.0	-30%
			Indirect Basket 232	3873	52.0	-49%

*Lumens listed are delivered lumens. Refer to specification sheets for detailed catalog ordering information

Compliance and approvals



Lighting Product Lines

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
Halo
Halo Commercial
Invue
io
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
RSA
Shaper
Streetworks
Sure-Lites

Controls Product Lines

Fifth Light Technology
Greengate
iLight (International Only)
iLumin
Zero 88

Connected Lighting Systems

Distributed Low-Voltage Power
HALO Home
iLumin Plus
LumaWatt Pro
WaveLinx
Trellix



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