COOPER
Lighting Solutions

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.
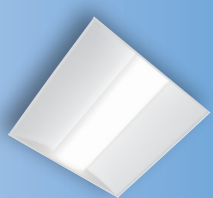
Selectable Lumens and CCT   **Shallow design + Selectability**   **Aesthetic Appeal**   **Room side access**   **Quick install**

Click on products to learn more

FEATURES / PERFORMANCE		Achieva ARS	CZS Cruze Selectable	Cruze ST	Cruze SB	CBRK
	Sizes	1x4, 2x2, 2x4	1x4, 2x2, 2x4	1x4, 2x2, 2x4	1x4, 2x2, 2x4	1x4, 2x2, 2x4
	lm/W (Max)	146	156	157	157	162
	Lum (Max)	8000	6500	17000	7500	4700
	Life (@60K)	L92	L94	L90	L84	L84
	Lens	Round Ribbed Frosted	Round or Square, Frost - Ribbed or Smooth, Perf Inlays	Round or Square, Frost - Ribbed or Smooth, Perf Inlays	Round, Frost, Ribbed or Smooth	Frost, Ribbed
	CRI	80+	80+	80+ / 90	80+ / 90	80+
	Depth	Standard 1.5"	Standard 3.25"	Standard 3.25"	Standard 3.25"	Standard 2.95"
	Driver access	Plenum	Plenum	Plenum	Room-Side	Room-Side
	Type	Fixture, Standard	Fixture, Standard	Fixture, Standard	Fixture, Driver Access	Retrofit Kit, Driver Access
	Air Venting	None	Yes	Yes	None	Yes

ARS 3-6   **CZS** 7-10   **ST** 11-14   **SB** 15-18   **CBRK** 19-22

CELEBRATING **50**+ YEARS

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

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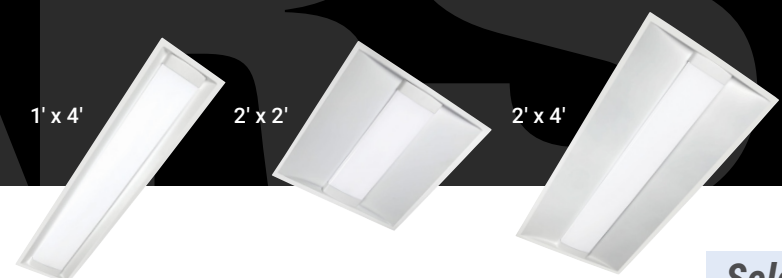Metalux center-basket luminaires are available with integrated wireless sensors to simplify the controls installation, enable automatic code compliance and transmit key building data. These systems offer enhanced features to deliver value beyond lighting.

CBRK Retrofit (sensor integrated in housing)

seleCCTable™ colors

selectable lumens

Easy to access toggle switches

3500K
4000K
5000K

LOW
MED
HIGH

1' x 4'   2' x 2'   2' x 4'

Achieva™ **ARS**
Commercial | Shallow Center Basket

The Achieva Recessed Selectable troffer offers selectable lumen output and color temperature with a simple, easy to access toggle switch. The ultra slim 1.5" design fits into the shallowest of plenums and offers an upgraded center basket aesthetic. The Achieva is constructed with Cooper Lighting's latest selectable technology platform and delivers unprecedented light level and CCT flexibility, energy savings, slim housing design, and sustainable packaging options priced to win. The Achieva Recessed Selectable is an ideal choice for schools, offices, hospitals, and retail merchandising areas.

Selectable Lumens & CCT - Shallow modern design

Selectable lumens and CCT for design and stock friendly applications

Selectable CCT in 3500K, 4000K, 5000K in >80 CRI

Selectable lumens in Low, Medium, and High up to 8,000 lumens with both standard and HO selectable options

Shallow 1.5" housing stays below the T-grid height for shallow plenum designs

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

Modern curved lens for an upgraded look

Construction

Recessed 2' x 2', 2' x 4' and 1' x 4'
Standard depth: 2' x 2', 2' x 4', 1' x 4' ↕ 1.5"
Latchless design for architectural appeal
CuLus damp location / IC Rated / RoHS compliant / DLC qualified
Matte white paint after fabrication finish standard
Five-year warranty standard, 10 year available

Performance

High-performance efficacy up to 146 lumens per watt
Energy savings in excess of 70% compared to traditional fluorescent troffers
1' x 4': L92 @ 60,000 hrs. / 2' x 2': L88 @ 60,000 hrs. / 2' x 4': L92 @ 60,000 hrs.
Energy efficient DLC qualified system

Options

Seven selectable stock SKUs

22ARS-L3C3-UNV
22ARS-L3C3-UNV-MP4:
2x2 Achieva Selectable,
35K/40K/50K, 2700lm-4200lm

22ARS-L3C3-HO-UNV:
2x2 Achieva Selectable,
35K/40K/50K, 5000lm-6400lm

24ARS-L3C3-UNV
24ARS-L3C3-UNV-MP2:
2x4 Achieva Selectable,
35K/40K/50K, 3400lm-6200lm

24ARS-L3C3-HO-UNV:
2x4 Achieva Selectable,
35K/40K/50K, 6300lm-8000lm

14ARS-L3C3-UNV:
1x4 Achieva Selectable,
35K/40K/50K, 2800lm-4600lm

Standard and High Output (HO) selectable lumen options available
Polycarbonate frosted round lens
Universal (120V-277V) or 120-347V (coming Q4)
Emergency – EL7W and EL14W integrated battery packs
Surface mount field install kits
Flex wiring configurations
Connected options with Wavelinx integrated sensors
Standard carton or Multi-Pack (MP) packaging options

Compliance and approvals

UL CERTIFIED · DLC LISTED · DLC LISTED PREMIUM · RoHS COMPLIANT · IC RATED · Efficiency Standards T24 Can be used to comply with California Title 20 "Non-Residential" · damp location · seleCCTable colors · selectable lumens

Lens option

Round

Connected lighting system

Integrated sensors factory wired and tested
Simplicity - The lighting plan is the controls plan
WaveLinx Wireless Connected Lighting System

Selectable lumens and CCT

Flexibility at Your Fingertips
Multiple Light Choices, One Fixture.

seleCCTable colors

SELECTABLE COLORS (CCT)

Choose from a wide range of color temperatures to set the ideal lighting scene.

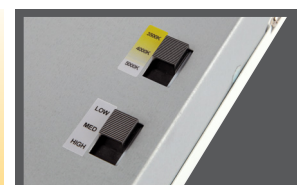**selectable lumens**

SELECTABLE LUMENS

Select between the preset lumen outputs to create your optimal lighting experience.

Field selectable technology empowers you to take control. Go selectable to choose your way, every time. Adjust color temperatures (CCT)   and lumen outputs with the flip of a switch!

LUMENS
HIGH MID LOW

COLOR
WARM MID COOL

Easy to access toggle switches

1' x 4'   2' x 2'   2' x 4'

Cruze™ **CZS**   Selectable Lumens + CCT

The Cruze™ Selectable troffer offers selectable lumen output and color temperature with a simple, easy to access toggle switch. The latch-less design, matte white paint and multiple lens options deliver architectural appeal and specification rich features. This troffer is constructed with Cooper Lighting's latest selectable technology platform and delivers unprecedented design flexibility, energy savings, visual comfort, and aesthetics at an incredible value. Cruze Selectable is an ideal choice for offices, schools, hospitals, and retail merchandising areas.

Design friendly with (3) selectable color temperatures and (3) selectable lumen packages accessible with an easy to experience toggle switch

Selectable CCT in 3000K, 3500K, 4000K in >80 CRI

Selectable lumens in Low, Medium, and High up to 6,500 lumens

Selectable with configurable optionality

Up to 156 LPW for increased energy savings and reduced watts per sq. ft.

Latch-less design provides clean architectural look and feel

Curved and square lens for an upgraded look

Construction

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

Performance

High-performance efficacy up to 156 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

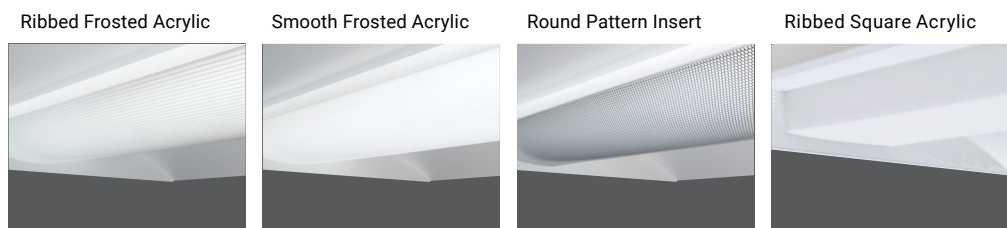| |
|---|
| Three stock SKUs
  - 22CZSCT3-UNV: 2x2 Cruze Selectable, 30K/35K/40K, 2700lm-4000lm
  - 24CZSCT3-UNV: 2x4 Cruze Selectable, 30K/35K/40K, 3500lm-6500lm
  - 14CZSCT3-UNV: 1x4 Cruze Selectable, 30K/35K/40K, 3000lm-4400lm |
| Color Temperatures offered in 3000K, 3500K, and 4000K with lumens from 2,700 to 6,500 |
| Acrylic lens options – Ribbed Frosted, Smooth Frosted, Round Perforated, and Smooth Square |
| Universal (120V-277V) |
| 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 |
| Wavelinx connected systems (WAA/WAB) |

Compliance and approvals

Lens options

Ribbed Frosted Acrylic	Smooth Frosted Acrylic	Round Pattern Insert	Ribbed Square Acrylic

Connected lighting system

Integrated sensors factory wired and tested
Simplicity - The lighting plan is the controls plan
WaveLinx Wireless Connected Lighting System

Selectable lumens and CCT

Flexibility at Your Fingertips
Multiple Light Choices, One Fixture.

SELECTABLE COLORS (CCT)
Choose from a wide range of color temperatures to set the ideal lighting scene.

SELECTABLE LUMENS
Select between the preset lumen outputs to create your optimal lighting experience.
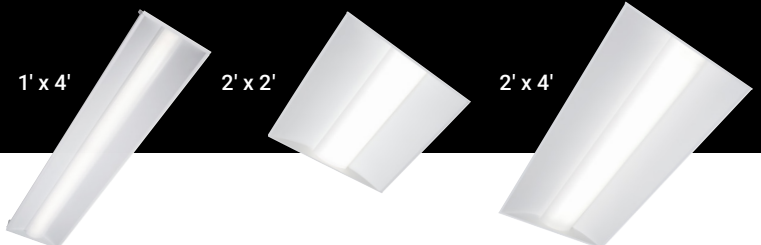
Field selectable technology empowers you to take control. Go selectable to choose your way, every time. Adjust color temperatures (CCT)   and lumen outputs with the flip of a switch!

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.

1' x 4'   2' x 2'   2' x 4'

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, 35000K, 4000K, 5000K CCT

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

Air venting option available

Construction

Recessed 2' x 2', 2' x 4' and 1' x 4'
Standard depth: 2' x 2', 2' x 4' ⬍ **3.25"** 1' x 4' ⬍ **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

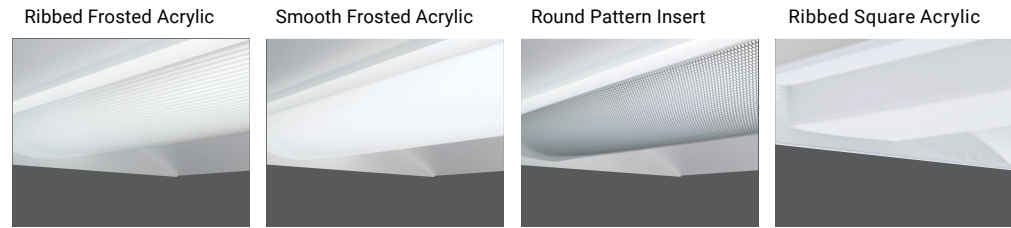| |
|---|
| High-performance efficacy up to 157 lumens per watt |
| Energy savings in excess of 70% compared to traditional fluorescent troffers |
| 1' x 4': L91 @ 60,000 hrs. / 2' x 2': L90 @ 60,000 hrs. / 2' x 4': L90 @ 60,000 hrs. |
| Binning: Per ANSI, 3-step MacAdam ellipse |

Options

Fourteen stock SKU in 3500K and 4000K		
High Performance Efficacy (HE) - 2' x 2': 3400 - 2' x 4': 4000	Standard Efficacy - 2' x 2': 3200 and 3900 - 2' x 4': 3500, 4000 and 5000	WaveLinx - 2' x 2': 3400 - 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

Ribbed Frosted Acrylic   Smooth Frosted Acrylic   Round Pattern Insert   Ribbed Square Acrylic

Connected lighting system

Integrated sensors factory wired and tested
Simplicity - The lighting plan is the controls plan

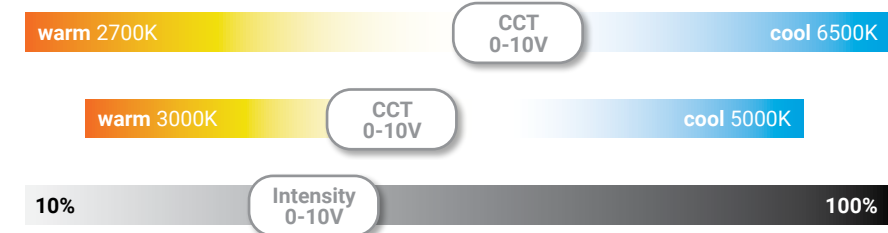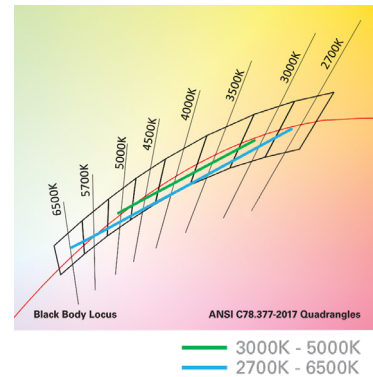| **WaveLinx** Wireless Connected Lighting System	**DLVP** Distributed Low Voltage Power System

VividTune
color tuning solutions
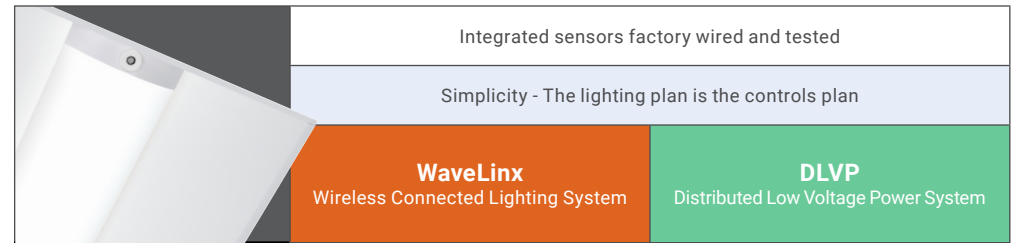
Cruze ST LED with VividTune Tunable White

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.

Black Body Locus   ANSI C78.377-2017 Quadrangles

— 3000K - 5000K
— 2700K - 6500K

warm 2700K   CCT 0-10V   cool 6500K

warm 3000K   CCT 0-10V   cool 5000K

10%   Intensity 0-10V   100%

1' x 4'   2' x 2'   2' x 4'

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' **3.25"**   1' x 4' **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

Ribbed Frosted Acrylic Lens	Smooth Frosted Acrylic Lens	Round Pattern Insert

Connected lighting system

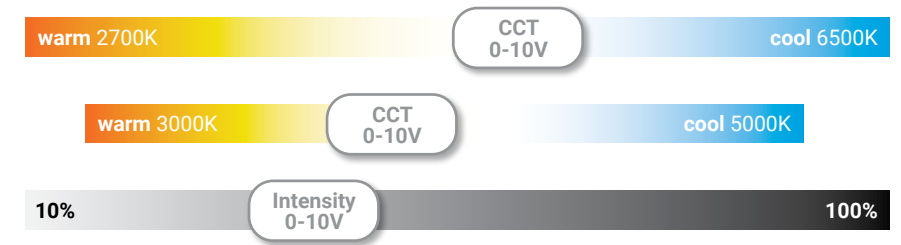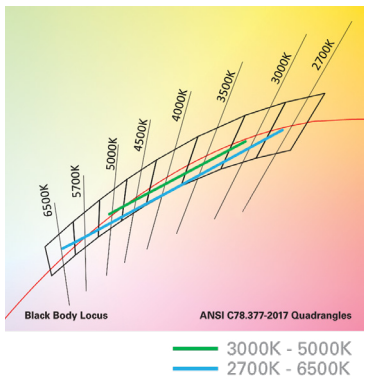| Integrated sensors factory wired and tested |
|---|
| Simplicity - The lighting plan is the controls plan |

WaveLinx 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.

Black Body Locus   ANSI C78.377-2017 Quadrangles

3000K - 5000K
2700K - 6500K

warm 2700K	CCT 0-10V	cool 6500K

warm 3000K	CCT 0-10V	cool 5000K

10%	Intensity 0-10V	100%

Lasts **32** Years

CBRK

Low Energy + High Performance
- Eligible for maximum rebates and energy savings due to high efficacy/low wattage models
- DesignLights Consortium® Qualified for Standard and Premium (Efficacies up to 164 lumens/watt)

Long life = Low Maintenance
- Projected lumen maintenance based on TM21 testing standards is L85 @ 60,000 hours

Guaranteed Performance
- All CooperKit products come with Cooper Lighting Solutions 5-year limited warranty
- All CoopeKit retrofit kits are powered by our most advanced drivers for optimal performance

Cooper Kit CBRK   Architectural | Speed

The Metalux CooperKit from Cooper Lighting Solutions is a LED lighting solution for customers looking to upgrade their fluorescent luminaires to a high performing aesthetically-pleasing LED system without the need to install a complete luminaire.
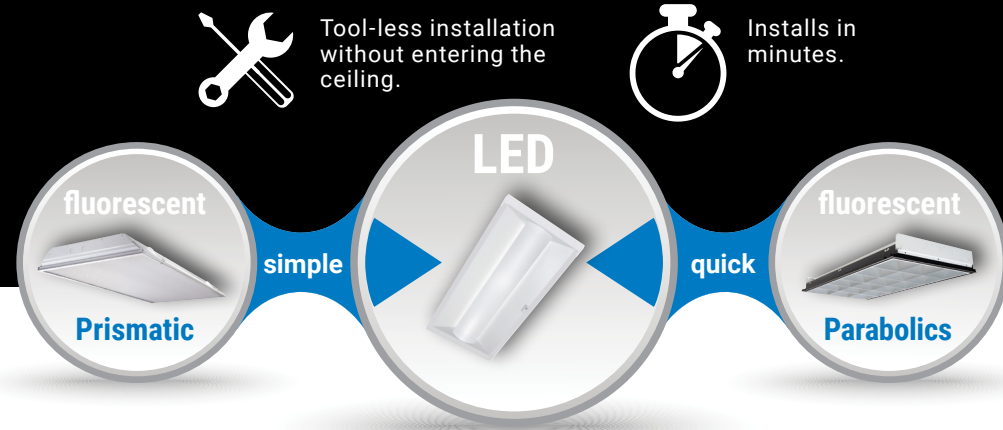
This innovative, high quality retrofit kit is dedicated to the latest solid state lighting and driver technology for optimal performance and energy efficiency. The retrofit kit is engineered for simple and quick installation making it easy to switch to LED.

Center basket fixture in 1x4, 2x2 and 2x4 sizes

Easy and quick installation

Contemporary and modern design

Reduced energy consumption

DLC Premium listed

Integrated sensors with IOT Connectivity

Minimal glare

Cooper Kit CBRK

CBRK

Convert fluorescent to energy-efficient LED

Tool-less installation without entering the ceiling.

Installs in minutes.

fluorescent **Prismatic** — simple — **LED** — quick — fluorescent **Parabolics**

Connected lighting system

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

1' x 4' CBRK*		
Catalog Number	Lumens**	Wattage
14CBRK-30-UNV-L835-CD1-U	3000	22

Popular Fluorescent Fixtures			
Fixture Type	Lumens**	Wattage	Energy Savings
Parabolic 232	3136		
Troffer 232	3920	52.0	**56%**
Indirect Basket 332	3248		

2' x 2' CBRK		
Catalog Number	Lumens**	Wattage
22CBRK-31-UNV-L835-CD1-U	3100	21

Popular Fluorescent Fixtures			
Fixture Type	Lumens**	Wattage	Energy Savings
Troffer 2U6T8	3862	52.1	**71%**
Troffer 317	2601	42.9	**65%**
Parabolic 317	2588	49.1	**69%**

2' x 4' CBRK		
Catalog Number	Lumens**	Wattage
24CBRK-36-UNV-L835-CD1-U	3600	25

Popular Fluorescent Fixtures			
Fixture Type	Lumens**	Wattage	Energy Savings
Troffer 232	4310	52.0	**52%**
Indirect Basket 232	3873	52.0	**52%**

Compliance and approvals

UL CERTIFIED · DLC LISTED PREMIUM · RoHS Compliant · Bluetooth® · damp location · 5 YEAR

Lighting Brands

Ametrix
AtLite
Corelite
Ephesus
Fail-Safe
HALO
HALO Commercial
Invue
iO
Iris
Lumark
Lumière
McGraw-Edison
Metalux
MWS
Neo-Ray
Portfolio
PrentaLux - 3D Printed Lighting
RSA
Shaper
Streetworks
Sure-Lites
Telensa

Controls Brands

Greengate
Fifth Light
Intelligent Lighting Controls

**Connected Lighting Systems
and Smart Spaces Platform**

WaveLinx

COOPER
Lighting Solutions