



CBRK



CooperKit

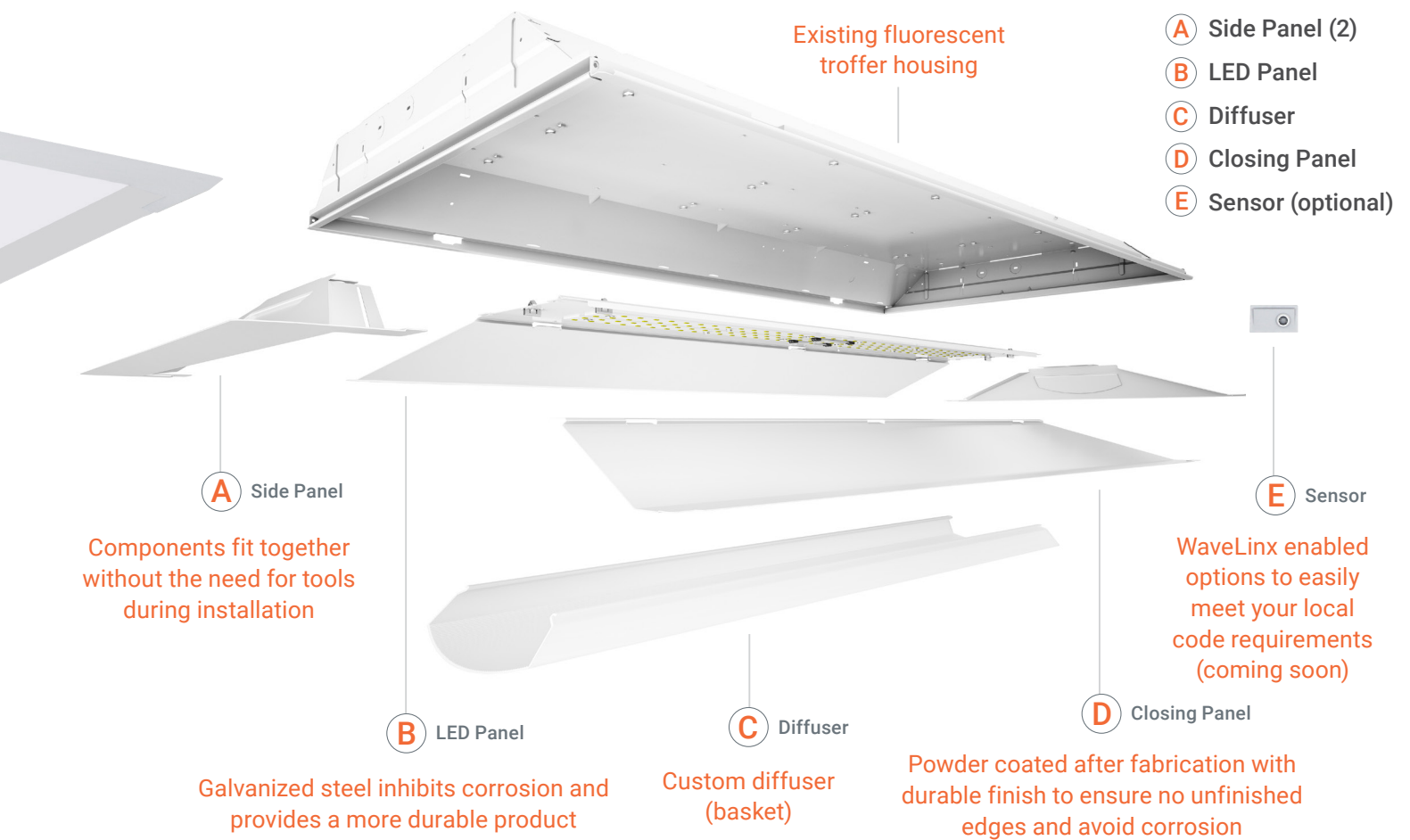
LED Center Basket Retrofit Kit

Make the switch

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.

- Complete solution for retrofit and renovation projects
- Contemporary and modern design
- Reduced energy consumption
- DLC Premium listed
- Integrated sensor (occupancy and daylighting) option for energy code compliance and IoT enabled capabilities
- Enhanced visual comfort with <22 UGR with minimized glare



Simple

Cost effective

Easy and quick installation

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

Make the Switch

Remove existing fixture contents:

Take out fluorescent lamps, ballast cover and disconnect existing fixture ballast from supply voltage.



Install side panels

Install both side panels in-between troffer and T-grid.



Install LED and closing panels

Install LED panel, then closing panel in-between troffer and T-grid.



Install diffuser

After removing the LED protective film, slide diffuser under the tabs on one side from either Panel and press diffuser over the tabs on opposite panel. The installation is now complete.



From fluorescent
to **LED**



Commercial office



Schools



Hospitals



Retail



Performance, value

Low Energy + High Performance

- Eligible for maximum rebates and energy savings due to high efficacy/low wattage models
- The entire CBRK offering is DesignLights Consortium Qualified for Premium (efficacies up to 168 lumens per 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 CooperKit retrofit kits are powered by our most advanced drivers for optimal performance

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

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

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

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

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

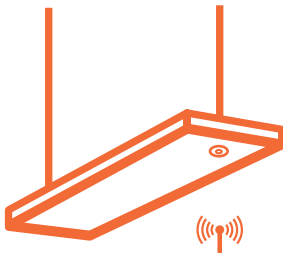
Popular Fluorescent Fixtures			Energy Savings
Fixture Type	Lumens**	Wattage	
Troffer 232	4310	52.0	
Indirect Basket 232	3873	52.0	
			52%

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

WAVELINX

Simple. Scalable. Connected.

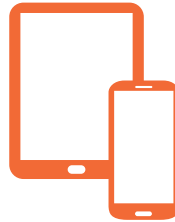
WaveLinX enabled luminaires provide out-of-the box code compliance and can easily be configured as a lighting system from a secure mobile application.



LIGHTING & CONTROLS

Advanced lighting fixtures

Sensing and communications technology



APPS / SOFTWARE

Intuitive configuration tool



CONNECTIVITY

Optional IEEE 802.15.4 wireless gateway with edge data processing

Industry-leading technology, in a simple package

WaveLinX out-of-the-box functionality provides quick control confirmation. It's also a very easy lighting system to install and manage.

WaveLinX is the designer and contractor choice for offices, medical buildings, educational facilities, and more!



Save on installation time and cost

WaveLinX is designed to get you up and running faster than any lighting control system in the market.



Get off the job faster

The commissioning process doesn't need to cause headaches or hang-ups. The WaveLinX construction grouping and reverse identification features reduce commissioning time by 40% or more.



Control it all, from your mobile device

Configure and control your system conveniently through an intuitive mobile application.



BEYOND ILLUMINATION

Be smart building ready!

Add a WaveLinX Area Controller and Trellex Core and start gathering real-time building data, so you can make more informed decisions and save energy. Data can be easily shared with your building enterprise platform via BACnet and Public API (REST).

Ready for energy code compliance and beyond.

The CooperKit with WaveLinX technology brings the best of LED retrofit and lighting control together – in a powerful solution that is easy to install and requires minimal to no commissioning.

The Cooper Kit with WaveLinX Technology is offered with two sensor options:
WaveLinX Lite Integrated Sensor (WAB) and WaveLinX Pro Integrated Sensor (WAA)

WaveLinX Lite Integrated Sensor (WAB)

Barely visible once installed, the WaveLinX Lite sensor, precisely installed on the edge of the reflector, preserves the aesthetics of the luminaire without sacrificing performance.

The sensor offers occupancy sensing, daylight harvesting, and Bluetooth Low Energy (BLE) wireless radio – to communicate with other BLE enabled luminaires and wallstations, forming a device-to-device lighting system.

No gateways! Use the WaveLinX Lite app from your mobile device to group luminaires, adjust sensor settings, and control light levels within the space.



SCAN
for more
WaveLinX Lite
information

The WaveLinX Lite App can be downloaded via the Apple Store® or Google Play and is an accessory to the WaveLinX Lite Wireless system.



Android 8+
iOS 11+

WaveLinX Pro Flexible. Connected. Secure (WAA)

Your local code may require demand response, time-based events, receptacle control – or perhaps you want to go beyond energy code compliance by leveraging sensor data to improve building performance and occupant well-being? Real-time sensor data is shared by the WaveLinX gateway with Trellix – Cooper Lighting's Smart Spaces platform – to unlock the gathered data and improve building operations and occupant experience!

Retrofitting complex spaces can be challenging. **No more!**

The WaveLinX Pro sensor is a component of a rich portfolio of WaveLinX accessories – such as wireless receptacles, wireless switchpacks, wired and battery powered wallstations and touchscreens – for adherence to the most comprehensive lighting control requirements.

Programming these spaces can be complicated. **No more!**

Spaces are easily programmed from the WaveLinX mobile application.



SCAN
for more
WaveLinX
information

The WaveLinX App can be downloaded via the Apple Store® or Google Play and is an accessory to the WaveLinX Wireless system.



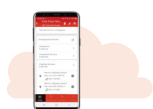
Android 7+
iOS 11+

SCALABLE TECHNOLOGY

Flexible. Connected. Secure.

WaveLinx Lite devices offer standalone performance, may be easily customized into areas and zones, and are even software upgradeable to WaveLinx Wireless and Trellix (coming 2022).

NOTE: WaveLinx Lite devices are not currently compatible with the WaveLinx Wireless Area Controller.



Standalone Spaces
WaveLinx Lite



Networked Spaces
WaveLinx Pro



Enterprise
Trellix

Occupancy	Yes	Yes	Yes
Daylighting	Yes	Yes	Yes
Wallstations	Yes	Yes	Yes
Gateways	–	1 WAC	300 WACs
Devices (MAX)	50 per Area (1400 per site)	200 per WAC2	32,500 per Core Enterprise
Software	WaveLinx Lite Mobile App	WaveLinx Pro Mobile App	Trellix Core
Areas	28 per Site	50 per WAC2	up to 3,000
Zones	16 per Area	16 per Area	up to 9,000
Scheduling	–	Local	Global
VividTune™	–	Yes	Yes
Plug-Load Control	–	Yes	Yes
Low-Voltage Power	–	Yes	Yes
Integration	–	–	BACnet, API
Dashboards	–	–	Energy, Occupancy
Configuration	Installer	Technician	Technician / IT

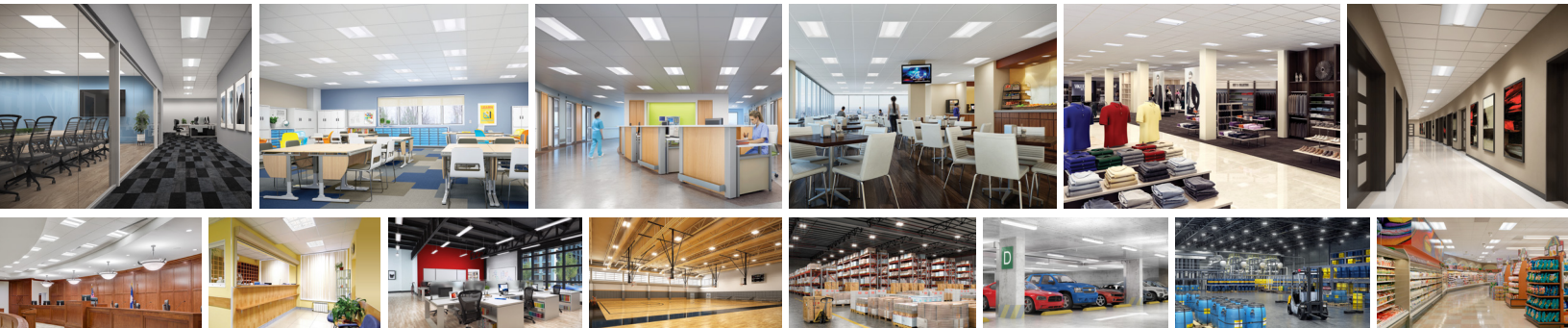
SCALABILITY



WaveLinx expands from a single standalone device up to Enterprise with 32,500 devices



Building a smarter and brighter world.



www.cooperlighting.com

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Streetworks
Sure-Lites
Telensa

Controls Brands

Greengate
Fifth Light

Connected Lighting Systems

WaveLinx

IoT Platforms

Trellix



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

Canada Sales
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
P: 905-501-3000
F: 905-501-3172

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