CBRK, RSRK, SSRK
LED Retrofit Kits

Metalux

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COOPER Lighting Solutions

Metalux LED Retrofit Kits

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Celebrating **50+ years**, Metalux offers an extensive line of LED lighting products including LED retrofit kits.

Metalux's complete family of LED retrofit kit lighting products are dedicated to the latestsolid state lighting and driver technology for optimal performance and energy efficiency.

Metalux delivers innovation, quality, product availability, and responsiveness all with an affordable value proposition.

Simple and quick installation

- Installs in minutes = ***significant labor cost savings***
- Utilize the existing fluorescent luminaire's housing = ***lower disposal costs***

Reduced energy consumption

- High performance efficacy = ***significant energy savings vs. fluorescent***
- DesignLights Consortium® Qualified

Architectural style aesthetics

- Modern styling with aesthetic appeal vs. fluorescent
- Designed for commercial office, education, healthcare, and retail applications

Integrated controls

- Daylight harvesting and occupancy sensing
- Code compliance and IoT value-added applications

Troffer

Cooper Kit - CBRK Retrofit Kit

Pg. 3-4

Recessed Strip

RSRK Retrofit Kit

Pg. 5-6

Surface Strip

SSRK Retrofit Kit

Pg. 7-8

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Troffer

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Cooper Kit - CBRK Retrofit Kit

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.

Learn more

- *Easy and quick installation*
- *Contemporary and modern design*
- *Reduced energy consumption*
- *DLC Premium listed*
- *Integrated sensor (occupancy and daylighting) option*
- *Minimal glare*

Certifications

LM79 / LM80 Compliant

damp location

Construction

Kits consists of main panel, side panel, 2 endplates, and a lens
Recessed: 2' x 2' and 2' x 4'
Shallow depth: 3.25"
cULus - Damp location / IC Rated

Performance

Extremely high efficacies up to 162 lumens per watt*
DesignLights Consortium® Qualified for Standard and Premium
Two CCT Colors: 3500K and 4000K at a minium CRI of 80+
L85 @ 60,000 hrs
5-year warranty

* Based on photometric testing consistent with IES LM-79. Actual wattage may vary by +/- 10%. Actual initial lumen output may vary +/- 10%.

Controls

Drivers with 0-10V dimming allow for maximum fixture efficiency and provide 10% dimming
Optional integrated sensor system for daylighting harvesting and occupancy sensing
Includes WaveLinx/WaveLix Lite sensor compatible for stand alone, controlled, connected, and IOT capability*

* Based on photometric testing consistent with IES LM-79. Actual wattage may vary by +/- 10%. Actual initial lumen output may vary +/- 10%.

Installs in minutes!

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*			Popular Fluorescent Fixtures			
Catalog Number	Lumens**	Wattage	Fixture Type	Lumens**	Wattage	Energy Savings
14CBRK-30-UNV-L835-CD1-U	3000	23	Parabolic 232	3136	52.0	56%
			Troffer 232	3920		
			Indirect Basket 332	3248		

2' x 2' CBRK			Popular Fluorescent Fixtures			
Catalog Number	Lumens**	Wattage	Fixture Type	Lumens**	Wattage	Energy Savings
22CBRK-31-UNV-L835-CD1-U	3100	15	Troffer 2U6T8	3862	52.1	71%
			Troffer 317	2601	42.9	65%
			Parabolic 317	2588	49.1	69%

2' x 4' CBRK			Popular Fluorescent Fixtures			
Catalog Number	Lumens**	Wattage	Fixture Type	Lumens**	Wattage	Energy Savings
24CBRK-36-UNV-L835-CD1-U	3600	25	Troffer 232	4310	52.0	52%
			Indirect Basket 232	3873	52.0	52%

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

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Recessed Strip

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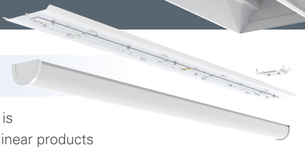


RSRK Retrofit Kit

The Metalux RSRK LED Recessed Strip Retrofit Kits is a series of products developed to convert recessed linear products to LED while improving the lighting in the existing space. The kit consists of three primary components: mounting brackets, gear tray with LED boards, driver and lens. The RSRK is engineered for simple and quick installation and offers customers the opportunity to retrofit from fluorescent to LED affordably and efficiently.

Learn more

Simple and quick installation = labor savings!

Up to 8800 lumens (4') and 17500 lumens (8')

Market leading efficacy at nearly 170 LPW

IP40 Rated

Lens optimization for greater optical control

Certifications

LM79 / LM80 Compliant

damp location

Construction

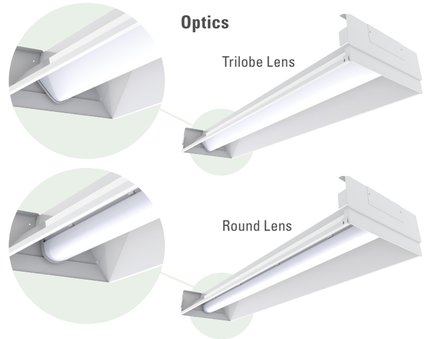
- Kit consists of mounting brackets, gear tray with LED boards, driver, and lens
- Ballast can remain in fixture to reduce disposal costs
- 4', 6' and 8' options
- Acrylic lens (round or trilobe)

Performance

- Premium level efficacy up to 168 lm/W
- DesignLights Consortium® Qualified
- Four CCT Colors: 3000K, 3500K, 4000K, and 5000K
- L94 @ 60,000 hrs
- 5-year warranty

Controls

- 0-10V dimming driver (1% standard)
- Optional integrated sensor system for daylighting harvesting and occupancy sensing
- Optional WaveLinx Wireless and Enlighted for fully integrated sensor system with Internet of Things (IoT) connectivity and configurable software



Energy and performance data

			No Lens Performance		TB - Trilobe Ribbed Lens Performance		TS - Trilobe Smooth Lens Performance		RM - Round Ribbed	
Catalog Logic	Fixture Total Length	Watts with standard 0-10V driver	Delivered Lumens @ 80 CRI, 4000K	Efficacy (LPW)	Delivered Lumens @ 80 CRI, 4000K	Efficacy (LPW)	Delivered Lumens @ 80 CRI, 4000K	Efficacy LPW)	Delivered Lumens @ 80 CRI, 4000K	Efficacy (LPW)
4-RSRK-50-HE-L840-U	4'	15.5	2308	159.1	2064	142.3	1955	134.8	2192	141.4
4-RSRK-65-HE-L840-U	4'	18.9	2994	158.4	2678	141.7	2536	134.2	2844	150.5
4-RSRK-100-HE-L840-U	4'	28.8	4577	158.9	4094	142.2	3877	134.6	4347	151.0
4-RSRK-150-HE-L840-U	4'	44.2	6737	152.4	6026	136.3	5707	129.1	6399	144.8
4-RSRK-200-HE-L840-U	4'	61.2	8881	145.1	7944	129.8	7523	122.9	8436	137.8
6-RSRK-50-HE-L840-U	6'	20.9	3461	165.6	3096	148.1	2932	140.3	3288	157.3
6-RSRK-65-HE-L840-U	6'	27.8	4491	161.5	4017	144.5	3804	136.8	4266	153.4
6-RSRK-100-HE-L840-U	6'	43.1	6866	159.3	6141	142.5	5816	134.9	6521	151.3
6-RSRK-150-HE-L840-U	6'	64	10106	157.9	9039	141.2	8560	133.7	9599	150.0
6-RSRK-200-HE-L840-U	6'	95.1	13322	140.1	11916	125.3	11284	118.7	12654	133.1
8-RSRK-50-HE-L840-U	8'	27.5	4615	167.8	4128.0	150.1	3909	142.2	4384	159.4
8-RSRK-65-HE-L840-U	8'	36.8	5988	162.7	5356.0	145.5	5072	137.8	5688	154.6
8-RSRK-100-HE-L840-U	8'	55.7	9154	164.3	8188.0	147.0	7754	139.2	8695	156.1
8-RSRK-150-HE-L840-U	8'	85.7	13474	157.2	12052.0	140.6	11413	133.2	12798	149.3
8-RSRK-200-HE-L840-U	8'	122.4	17763	145.1	15888.0	129.8	15046	122.9	16871	137.8

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Surface Strip

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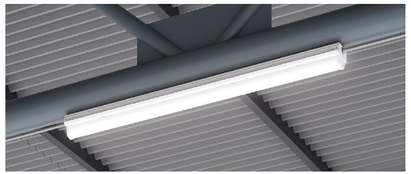

SSRK Retrofit Kit

The SSRK series is a LED retrofit kit capable of replacing 4 foot lengths of fluorescent or LED fixtures with a width from 2.5 to 4.5 inches and a channel minimum depth of 1.75 inches. Five different highly efficient lumen packages (130 to 150 lumens/watt) ensure maximum ROI due to energy savings and eligible rebate incentives. Key features include electrical quick connects and adhesive tape on mounting brackets that result in market leading installation time as well as dimming, occupancy and emergency options that maximize design flexibility. The SSRK series is ideal for retrofit applications where existing fixtures are installed with fixed conduit.

Learn more

Simple and quick installation = labor savings!

Three lens options: round, square, & tri-lobe; multiple distributions

Integrated emergency available

Design flexibility

Retrofit "pipe & wire' installation in industrial and warehousing applications

Certifications

UL Certified · DLC Premium · DLC · LM79 / LM80 Compliant · Efficiency Standards T24 Can be used to comply with California Title 24 Non-Residential · 5 Year Limited Warranty

Construction

- Kit consists of gear tray with LED boards, mounting brackets and driver as one component
- 4' or 8' LED strip retrofit with up to 8000 lumens per 4ft segment
- Retrofits from 2.5 to 4.5 inch width fixtures
- Adhesive tape on mounting brackets to free up hands during installation

Performance

- Premium level efficacy up to 159 lm/W
- DesignLights Consortium® Qualified for Standard and Premium
- Four CCT Colors: 3000K, 3500K, 4000K, and 5000K
- L87 @ 60,000 hrs
- 5-year warranty

Controls

- 0-10V dimming driver (1% standard)
- Optional integrated sensor system for daylighting harvesting and occupancy sensing

Optics

Round Lens

Trilobe Lens

Square Lens

Performance data

Lumen Package (Lumens per foot)	Nominal Lumens per foot	Watts	Efficacy (Lumens per watt)
500	537	13.7	156.8
750	812	20.4	159.3
1000	1080	27.7	156.0
1500	1637	44.8	146.2
2000	2186	62.9	139.0

4ft Fixture - Round Clear Lens, 4000K, 80CRI

Lumens calculator

CCT Multiplier	80 CRI Multiplier
3000K	0.97
3500K	0.98
4000K	1.00
5000K	1.00

Lens table

Approximate Lumen Multiplier	
No Lens	1.000
TS	0.842
TB	0.884
LC	0.961
LN	0.934
LW	0.831
SLC	0.984
SLN	0.951
SLW	0.882

Lighting Product Lines

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

Controls Product Lines

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COOPER Lighting Solutions

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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