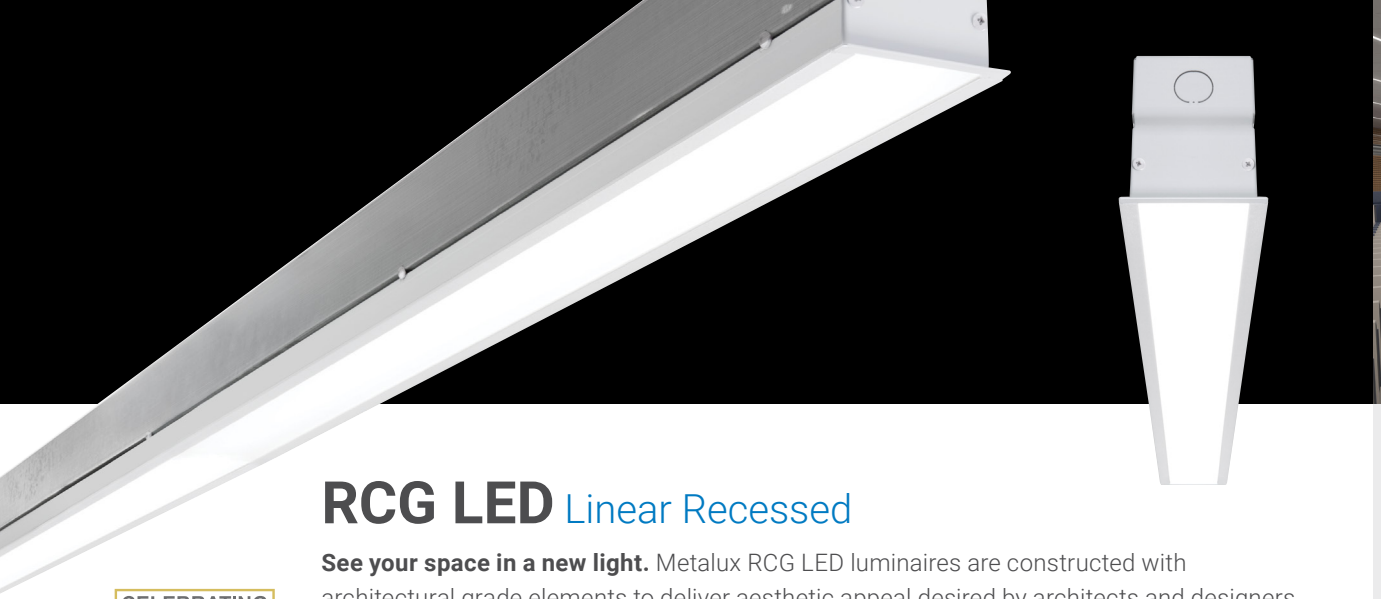
RCG LED
Linear Recessed Slot Luminaire

Metalux

COOPER Lighting Solutions

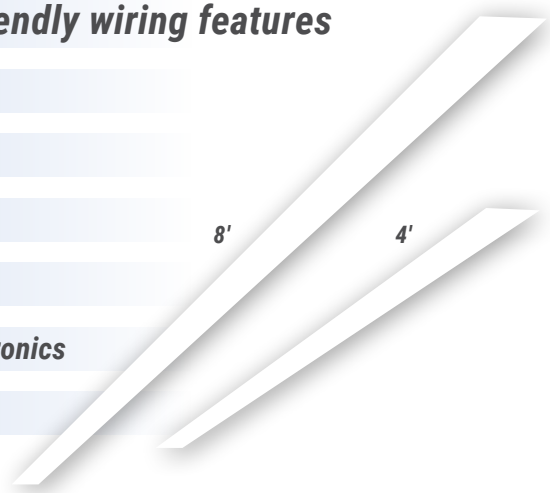


RCG LED Linear Recessed

See your space in a new light. Metalux RCG LED luminaires are constructed with architectural grade elements to deliver aesthetic appeal desired by architects and designers. The optical system provides energy efficient lighting so versatile that it can be used for general lighting or special applications such as wall washing. Designed for the most common grid ceiling systems, the RCG LED simplifies installation by leveraging Metalux installation features that contractors know and trust. The RCG LED is the ideal linear recessed fixture for use in premier office spaces, primary and secondary schools, and retail merchandising.

Easy to install slot fixture– contractor friendly wiring features

- *4' and 8' recessed versions available*
- *High performance efficacy up to 121 lm/W*
- *Symmetric and asymmetric distributions*
- *80 and 90CRI @ 3000K, 35000K, 4000K CCT*
- *Service from below – room side access to electronics*
- *Integrated sensors with IoT Connectivity*



Compliance and approvals

Efficiency Standards T24 Can be used to comply with California Title 24 Non-Residential

damp location

Lasts 44 Years

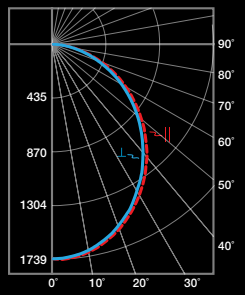
Integrated sensor controls

RCG LED with sensor

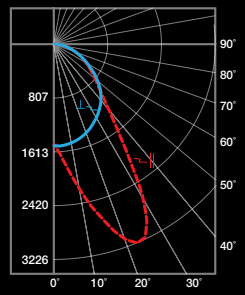
Take code compliance, network security, and energy savings into your own hands. Metalux RCG LED luminaires are available with integrated wireless sensors to simplify the controls installation, enable automatic code compliance and transmit key building data. These systems offer enhanced features to deliver value beyond lighting.

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



General Downlighting
8RCG-4-56D-L835
Lumens: 4469
Input Watts: 37.2W
Efficacy: 120.1 LPW



Asymmetric
8RCG-4-56D-L835-A
Lumens: 4598
Input Watts: 37.2W
Efficacy: 123.6 LPW

Construction

- Recessed 4 ft. and 8 ft. sections
- Aperture/Grid: 3 inch nominal aperture with 4 inch grid spacing
- Field interchangeable/replaceable lenses
- EQ grid clips pre-installed to simplify installation
- End plates optimized for simple row installation
- 14 AWG wires included; 185-555 feet between electrical drops
- Matte white paint after fabrication finish standard
- cULus damp location / IC rated / RoHS compliant / DLC qualified
- Five year warranty standard, 10 year available

Performance

- High performance efficacy up to 121 lumens per watt
- Energy savings more than 50% compared to traditional fluorescent linear-recessed
- 0-10V dimming to 1% standard
- TM21 life >L84@ 60,000 hours and L70 rating exceeds 162,000 hours
- Binning: Per ANSI, 3-step MacAdam ellipse

Options

Four stock SKU in 3500K and 4000K in 80 CRI and 560 lumens per foot:

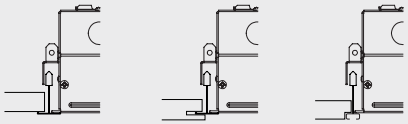
4'	4RCG-4-56D-L835-U 4RCG-4-56D-L840-U	8'	8RCG-4-56D-L835-U 8RCG-4-56D-L840-U

- Additional packages offered as MTO up to 1000 lumens per foot (over 8000 lumens per 8 ft. fixture)
- Lutron and DALI 2.0 control options
- Frosted flush symmetric or frosted flush asymmetric lenses from factory or install in field
- Universal (120V – 277V) or 347V
- Emergency – EL7W and EL14W with remote indicator to maintain aesthetic appeal

Ceiling compatibility

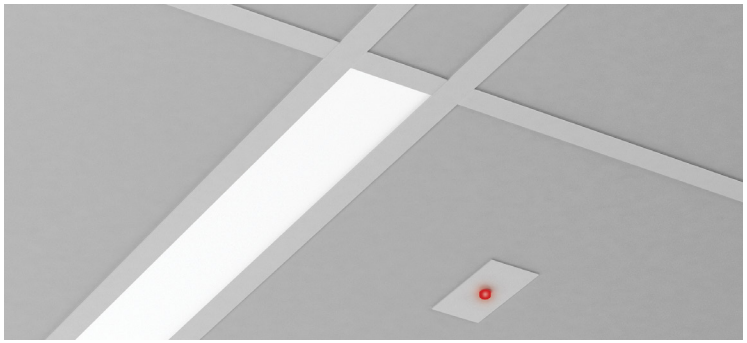
T-Grid Mounting

Grid/Lay-in **Concealed T** **Slot Grid**



9/16" or 15/16" Grids

Remote Battery Option



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Invue
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Iris
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MWS
Neo-Ray
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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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