

**SWLED**  
Surface and Wall LED

**Metalux**





## SWLED Surface and wall LED



### **Connected, efficient versatile.**

The **SWLED** is a connected LED surface, suspended or wall mount luminaire which can be used in a broad range of commercial and industrial applications. This series provides customers with a high quality luminaire utilizing the latest LED, solid state lighting and electronic driver technology for optimal performance and maximized energy efficiency. Offered with three different lens distribution and options which provides uniform light that is an ideal choice for general purpose lighting where customers want to move away from traditional fluorescent solutions.

***Lumen packages up to 2000 lumens per foot***

***Excellent performance with lm/W, ranging up to 150 lm/W***

***4ft. and 2ft. product configurations***

***Multiple sensor options***

***0 to 10V digital driver (standard), optional DALI, 1% and Step-dimming***

***Standardized CCT: 3500K, 4000K, 5000K***

***Ideal for surface and wall applications***





Surface / suspended



With a standard 0 to 10V dimming driver and flexible options for DALI digital dimming or 1% high definition dimming, the SWLED is ready for control. Choose from multiple different integrated and connected sensor solutions for low and high bay as well as wall applications. Using LumaWatt Pro or WaveLinX connected sensors, SWLED offers a truly “smart” lighting solution for most any space. A Cooper Lighting Solutions lighting remote is available to further expand your level customization. Ideal for continuous operational use, SWLED incorporates integral emergency battery packs to prevent lighting disruption in your day to day operation.

## Construction

- Surface, suspended and wall: 4 ft. and 2 ft.
- Steel housing with high impact polymer end caps and lens
- cULus, damp location rated
- ROHS compliant
- Five-year warranty

## Performance

- Three lens options: LC (clear), LN (semi-frost narrow), LW (full-frost wide)
- Lens offers even illumination and protection
- Excellent performance, ranging up to 150 lm/W
- Energy savings in excess of 60% compared to traditional fluorescent products
- Three Correlated Color Temperatures (3500K, 4000K and 5000K)
- Life exceeds L90 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

## Options




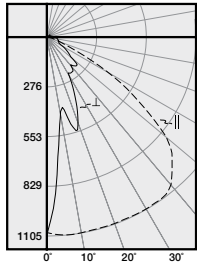
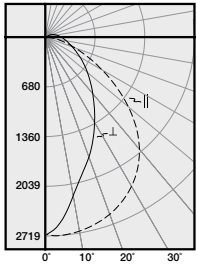
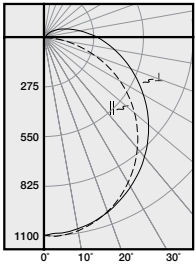
- 21 - MTO lumen packages in three different CCTs
- 0 to 10V dimmable driver (standard) with optional DALI solutions and 1% high definition dimming
- Emergency
  - EL7W=7 Watt (120V-277V),
  - EL14W=14 Watt (120V-277V)
- Convenience outlet is available

## Controls

- SWLED can include a factory-installed integrated sensor system for occupancy and daylight dimming control, with programming and manual controls from an optional handheld remote.
- SWLED luminaires include 0-10V dimming drivers for control using wall dimmers (10% - 100%), daylighting sensors and room controllers from Cooper Lighting Solutions. Optional 1% dimming available.
- SWLED luminaires are available with native DALI drivers for complete digital energy management using Fifth Light addressable lighting controls.
- Connected sensors available with LumaWatt Pro and WaveLinX options.



# Optics and photometry

Clear lens - LC	Semi-frost lens (narrow) - LN	Full frost lens (wide) - LW
		
SWLED 4', 5400 lumens	SWLED 4', 5000 lumens	SWLED 4', 4000 lumens
 <p>Electronic driver Linear LED 4000K Spacing criterion: (  ) 1.54 x mtg height, (⊥) 0.24 x mtg height Lumens = 5430 Input watts = 37.9W Efficacy = 143.3 lm/W Test: 4SWLED-40SL- LC-UNV-L840-CD1-U. IES</p>	 <p>Electronic driver Linear LED 4000K Spacing criterion: (  ) 1.28 x mtg height, (⊥) 0.78 x mtg height Lumens = 5065 Input watts = 37.9W Efficacy = 133.6 lm/W Test: 4SWLED-40SL- LN-UNV-L840-CD1-U. IES</p>	 <p>Electronic driver Linear LED 4000K Spacing criterion: (  ) 1.25 x mtg height, (⊥) 1.29 x mtg height Lumens = 4015 Input watts = 37.9W Efficacy = 105.9 lm/W Test: 4SWLED-40SL- LW-UNV-L840-CD1-U. IES</p>



# Connected Lighting Systems



## 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

## LumaWatt Pro

### Wireless Connected Lighting System powered by Enlighted



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

## 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



## Title 24 compliant

RECOMMENDED APPLICATIONS	Can be used to comply with <b>T24</b> California Non-Residential Lighting Controls requirements	MEETS AND EXCEEDS TITLE 24 WITH ADDITIONAL CONTROLS
Warehouse industrial open area	✓	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Occupancy Sensor</p> </div> <div style="text-align: center;">  <p>Luminaire Dimming</p> </div> <div style="text-align: center;">  <p>Daylighting Control</p> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div style="text-align: center;">  <p>Lighting Power Density</p> </div> <div style="text-align: center;">  <p>Tuning Control</p> </div> </div>
Warehouse aisles	✓	
Entry, waiting, lobby and storage	✓	
Stairwell, corridor and hallways	✓	
Cafeteria, multipurpose and gym	✓	
Restroom vanity	✓	

NOTES: 1. Power Adjustment Factor (PAF) available when coupled with controls. See 140.6-A of California Title 24. 2. For more details on Title 24, refer to [www.cooperlighting.com](http://www.cooperlighting.com)

### **Lighting Brands**

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 Brands**

Greengate  
Fifth Light

### **Connected Lighting Systems**

HALO Home  
WaveLinx

### **IoT Platform**

Trellix



Cooper Lighting Solutions  
1121 Highway 74 South  
Peachtree City, GA 30269  
P: 770-486-4800  
[www.cooperlighting.com](http://www.cooperlighting.com)

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

Cooper Lighting Solutions is a registered trademark.

All other trademarks are property of their respective owners.

Product availability, specifications, and compliances are subject to change without notice.

© 2020 Cooper Lighting Solutions  
All Rights Reserved  
Printed in USA  
Publication No. BR519012EN  
January 27, 2021 10:14 AM