**SWLED Surface and Wall LED**

**Smart, versatile, efficient.** The SWLED is a versatile 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 distributions and three different lens options which provides uniform light distribution that is an ideal choice for general purpose lighting where customers want to move away from traditional fluorescent solutions.
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. Or choose from three different sensor solutions for low and high bay as well as wall applications; SWLED offers your customers a truly “smart” lighting solution for most any space. Simply add the Metalux lighting remote on any project to further expand your level of lighting 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.
- Depth: Two different options, minimum 4.00”
- Steel housing with high impact polymer end caps
- 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
- Excellent performance, ranging up to 133 lm/W
- Energy savings in excess of 50% compared to traditional fluorescent products
- Three Correlated Color Temperatures (3500K, 4000K and 5000K)
- 4 ft.: L70 @ 60,000 hrs., 2 ft.: L70 @ 60,000 hrs.
- Binning: Per ANSI, 3-step MacAdam ellipse

Options
- 24 - 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)
  - 347V-480V (consult factory)
- Convenience outlet is available
- Fuse options available

Controls
- SWLED includes 0-10V (analog) dimming for control using wall dimmers, Greengate Room Controllers, occupancy and/or daylight sensors and lighting controls panels from Eaton.
- SWLED is available with native Fifth Light DALI drivers for complete digital energy management using the capable and scalable Fifth Light controllers and software.
## Optics and Photometry

### Clear Lens - LC
- **Ambient Temperature:** 40°C
- **2’ Lumen Maintenance:**
  - **Theoretical L70 (Hours):** 121,000
- **Certification Data:**
  - cULus - Damp Location
  - DesignLights Consortium™ Qualified
  - LM79/LM80 Compliant
  - ROHS Compliant
  - NOM Compliant

### Semi-Frost Lens (Narrow) - LN
- **Ambient Temperature:** 40°C
- **2’ Lumen Maintenance:**
  - **Theoretical L70 (Hours):** 121,000
- **Certification Data:**
  - cULus - Damp Location
  - DesignLights Consortium™ Qualified
  - LM79/LM80 Compliant
  - ROHS Compliant
  - NOM Compliant

### Full Frost Lens (Wide) - LW
- **Ambient Temperature:** 40°C
- **2’ Lumen Maintenance:**
  - **Theoretical L70 (Hours):** 121,000
- **Certification Data:**
  - cULus - Damp Location
  - DesignLights Consortium™ Qualified
  - LM79/LM80 Compliant
  - ROHS Compliant
  - NOM Compliant

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### Ordering Information

**Sample Number:** 4SWLED-LD4-40SL-LW-UNV-L840-CD1-SVPD2-U

<table>
<thead>
<tr>
<th>Length</th>
<th>Series</th>
<th>LED Type</th>
<th>LED Lumens Output</th>
<th>Voltage</th>
<th>Emergency</th>
<th>CCT</th>
<th>Driver Type</th>
<th>Number of Drivers</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-2 ft.</td>
<td>SWLED</td>
<td>LD4-4.0</td>
<td>28SL=2800 Lumens</td>
<td>347V=347 Volt 11</td>
<td>EL7W=7-watt, 120V-277V Emergency Battery Pack Installed</td>
<td>L835=3500K</td>
<td>1-10V Dimming Driver</td>
<td>1-2 Drivers</td>
</tr>
<tr>
<td>4-4 ft.</td>
<td>SWLED</td>
<td>LD4-4.0</td>
<td>28SL=2800 Lumens</td>
<td>480V=480 Volt</td>
<td>EL14W=14-watt, 120V-277V Emergency Battery Pack Installed</td>
<td>L835=3500K</td>
<td>0-10V Dimming Driver (1% - 100% Dimming)</td>
<td>1-2 Drivers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Options</th>
<th>Packaging</th>
<th>Accessories (Order Separately)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupancy Sensor</td>
<td>U=Unit Pack</td>
<td>SCF=Fixed Stem Set (Specify Length)</td>
</tr>
<tr>
<td>SVPD1</td>
<td></td>
<td>SCS=Swivel Stem Set (Specify Length)</td>
</tr>
<tr>
<td>SVPD2</td>
<td></td>
<td>SCA=Adjustable 48” Stem Set</td>
</tr>
<tr>
<td>SVPD3</td>
<td></td>
<td>A1B/Spacer-U=Spacer 1-1/2” to 2-1/2” from ceiling (Use 2 Per Fixture)</td>
</tr>
<tr>
<td>ISHH-01</td>
<td></td>
<td>ISHH-02=Personal Control Remote for Integrated Sensor</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Not available when specifying emergencies, voltage must be specific.
2. Nominal lumen output.
3. 2 ft. model.
4. Only available in 4 ft. models.
5. With integral test switch/indicator/fixture.
6. For approximate delivered lumens multiply the lumen per watt of the desired fixture by the wattage of the emergency battery pack (100 lm/W x 7=700 lumens).
7. IES format photometry for luminaire under emergency operation available.
8. For mounting heights up to 8 ft.
9. For mounting heights up to 30 ft.
10. Integral EL battery pack is rated for 35°C.
11. Consult factory.
12. Currently not DLC listed.
14. For wall mount applications.
15. For use with CD driver only.
16. Lumen value with LN (30% Frost lens).
17. Lumen value with LC (Clear lens).
18. 4 ft. model only.
19. 4000 and 4000 Lumen models.

Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.
Integrated Sensor

A Broad Range of Sensor Options
The SWLED is available with a selection of integrated sensors for various applications. The 500 sq. ft. (SVPD1) and 900 sq. ft. (SVPD2) sensors can be used on 8-10 ft. ceilings and walls, while the 1200 sq. ft. (SVPD3) sensor can be used up to 30 ft. All three options feature auto-on occupancy detection, auto-dim to 50%, and daylight harvesting capabilities. Each can be customized using the optional HHPRG-MS remote control which unlocks additional features as well, such as an energy saver mode and three daylight harvesting modes.

**SVPD1 Coverage Pattern**

**SVPD2 Coverage Pattern**

**SVPD3 Coverage Pattern**
## Title 24 Compliant

<table>
<thead>
<tr>
<th>RECOMMENDED APPLICATIONS</th>
<th>MEETS AND EXCEEDS TITLE 24 WITH ADDITIONAL CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warehouse Industrial Open Area</td>
<td>✓</td>
</tr>
<tr>
<td>Warehouse Aisles</td>
<td>✓</td>
</tr>
<tr>
<td>Entry, Waiting, Lobby and Storage</td>
<td>✓</td>
</tr>
<tr>
<td>Stairwell, Corridor and Hallways</td>
<td>✓</td>
</tr>
<tr>
<td>Cafeteria, Multipurpose and Gym</td>
<td>✓</td>
</tr>
<tr>
<td>Restroom Vanity</td>
<td>✓</td>
</tr>
</tbody>
</table>

**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 eaton.com/lightingenergyexperts

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**Luminaire**
- Dimming
- Daylighting Control
- Tuning Control

**Lighting Power Density**

**Occupancy Sensor**
Our Lighting
Product Lines
Halo
Halo Commercial
Portfolio
Iris
RSA
Metalux
Corelite
Neo-Ray
Fail-Safe
MWS
Ametrix
Shaper
io
Lumark
McGraw-Edison
Invue
Lumière
Streetworks
AtLite
Sure-Lites

Our Controls
Product Lines
Greengate
iLumin
Zero 88
Fifth Light Technology
iLight (International Only)