

# OL14 Series 1x4 Surface Mount Linear

SURFACE MOUNT LIGHTING

**300-480V**

**100-277V**

**LM79  
LM80**

**IP63**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

## DESCRIPTION

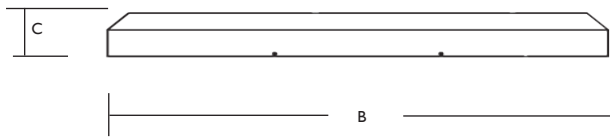
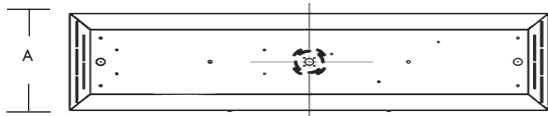
The ActiveLED® OL14 Series 1'x4' Surface Mount Linear is designed to minimize light pollution, offering directional control for a clean, even pattern of light. The OL14 Surface Mount consumes 50-85 percent less energy than conventional lighting. The OL14 Surface Mount may be installed as new or retrofit lighting in office, warehousing and retail structures.

Applications include: Office, Retail and Warehouse Spaces.



OL14 1x4 Surface Mount

## DIMENSIONS



| A       | B        | C        |
|---------|----------|----------|
| 12.21"  | 48.16"   | 5.25"    |
| 31.0 cm | 122.3 cm | 13.33 cm |

## FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming to level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- Battery Backup Enabled - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- Surge Protection - Fixture has built-in surge protection, or in the case where the driver is located remotely, the surge protector is sold with the remote surge protector.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. See page 2 for additional warranty information.

LIGHT OUTPUT

**4,341** lm

WATTS

**49** W

LUMENS per WATT

**88.6** lm/W

LIGHT COLOR (CCT)

**5000** K

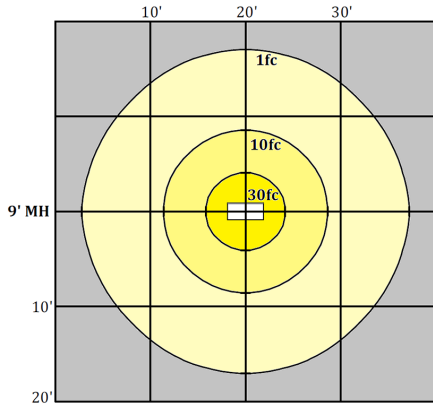
NOTE: Lighting Facts shown for OL14, 50W only.

For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.

**ActiveLED®**  
Energy Efficient Lighting and Controls



## PHOTOMETRICS



## PERFORMANCE DATA

| AMBIENT TEMPERATURES | 0 HOURS | 45,000 HOURS | 90,000 HOURS |
|----------------------|---------|--------------|--------------|
| 77°F (25°C)          | 1.00    | 0.99         | 0.99         |
| 104°F (40°C)         | 1.00    | 0.98         | 0.96         |
| 131°F (55°C)         | 1.00    | 0.96         | 0.92         |
| 140°F (60°C)         | 1.00    | 0.95         | 0.90         |

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for OL4 Series, 96W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

|                       |   |            |   |
|-----------------------|---|------------|---|
| Input Voltage         | Auto-sensing, 100-277 Volts AC, 50/60 Hz;<br>Auto-sensing, 300-480 Volts AC, 50/60 Hz         | LED Optics | IP63 rated, heat sink, thermally bonded LEDs, and patented thermal management mounting system                                   |
| Input Power           | 24, 36, 48 and 72 Input Watts<br>26, 38, 50 and 75 LED Watts                                  | CCT        | 2700K, 3000K, 3500K, 4000K, or 5000K  |
| Power Factor          | > 0.91 (at ~100-277 Volts)  | Housing    | Fabricated aluminum .063 thickness for heat sinking parts, electroplated galvanized steel for the pan, stainless steel hardware |
| THD                   | Total Harmonic Distortion (THD) <20%<br>(typical 9.9%)  | Finish     | Powder coated after fabrication   |
| Driver                | Integral driver with aluminum housing, integrated intelligent controls and integral heat sink | Dimensions | 23.87" Wide x 47.87" Long x 4.76" High<br>(59.5cm x 119.5cm x 12.09cm)  |
| Operating Temperature | -58° F to 149° F (-50° C to 65° C)  | Weight     | 19.5 pounds (8.8kg)   |
| Lumen Lifetime        | L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)                                       |            |   |

## WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation.

## LISTINGS AND TESTS

cUL listed driver, CE, suitable for covered exterior locations. RoHS compliant. IP63 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

## ORDERING INFORMATION

Example: OL14U-ST-B5OR36WH

| Style                             | Voltage  | Mount  | Diffuser                                  | CCT                 | Watts   | Color                 | Options                            |
|-----------------------------------|--|--|---|---------------------|---|-----------------------|------------------------------------|
| <b>OL14</b><br>IX4 Surface Linear | <b>U</b> - 100-277 VAC, 50/60 Hz.<br>Auto Sensing  | <b>ST</b><br>Surface Traditional               | <b>A</b><br>Polychromatic Diffuser        | <b>50</b><br>5,000K | <b>R24</b><br>24W LED, 26W Max<br>(2126 Lumens) | <b>WH</b><br>White    | <b>B</b><br>Battery Backup Enabled |
|                                   | <b>6</b> - 300-480 VAC, 50/60 Hz.,<br>Auto Sensing | <b>STE</b><br>Surface Traditional<br>Emergency | <b>B</b><br>Translucent Diffuser          | <b>40</b><br>4,000K | <b>R36</b><br>36W LED, 38W Max<br>(3189 Lumens) | <b>BK</b><br>Black    | <b>P</b><br>Pigtail, 6' AC Whip    |
|                                   | <b>N</b> - None <sup>1</sup>                       | (Universal Driver Only)                        | <b>H</b><br>Damp/Splash Proof<br>Diffuser | <b>35</b><br>3,500K | <b>R48</b><br>48W LED, 50W Max<br>(4252 Lumens) | <b>BR</b><br>Brown    |                                    |
|                                   | <b>E</b> - 45/48 VDC Driver <sup>2</sup>           |  | <b>K</b><br>Clear Acrylic                 | <b>30</b><br>3,000K | <b>R72</b><br>72W LED, 75W Max<br>(6379 Lumens) | <b>BZ</b><br>Bronze   |                                    |
|                                   |  |  |   | <b>27</b><br>2,700K | Lumens at 5,000K                                | <b>CG</b><br>Charcoal |                                    |
|                                   |  |  |   |                     |   | <b>SL</b><br>Silver   |                                    |
|                                   |  |  |   |                     |   | <b>X</b><br>Custom    |                                    |

<sup>1</sup> Requires remote driver. Consult factory.

<sup>2</sup> No AC Support.