

# OL14 Series 1x4 Surface Linear

**Job Name:**

**Type:**

**Voltage:**

## Description

The ActiveLED® OL1 1x4 Surface Linear consumes 50-85 percent less energy than conventional HID lighting and its optional LightSpace® dimming controls can deliver overall energy savings of up to 96%. With its patented design and superior LED elements, the ActiveLED OL1 is a reliable light source with a 90,000-hour lumen life (90% Luminous Flux), making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive. The ActiveLED OL1 Series Light may easily be installed as new or retrofit lighting in office, gymnasiums, warehousing and retail structures to offer directional control and minimize light pollution outside the targeted light footprint for improved visibility and efficiency.



## Specifications

**Input Voltage:** Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz

**Input Power:** input watts, LED watts

**Power Factor:** > 0.91 (at ~100-277 Volts)

**THD:** Total Harmonic Distortion (THD) <20% (typical 9.9%)

**Power Supply:** Integral power supply with aluminum housing, integrated intelligent controls and integral heat sink

**Operating Temperature:** -40° C to 60° C (-40° F to 140° F)

**Lumen Lifetime:** L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

**LED Optics:** IP66 rated, precision extruded aluminum reflector/heat sink, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system

**CCT:** 2700K, 3000K, 3500K, 4000K, or 5000K

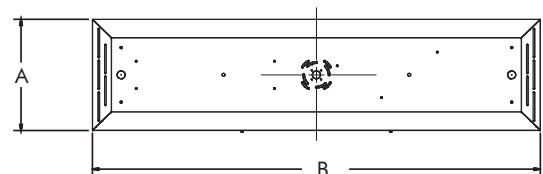
**Housing:** Fabricated aluminum 0.90 thickness for heat sinking parts, electroplated galvanized steel for pan, stainless steel hardware

**Finish:** Powder coated after fabrication

**Dimensions:** 12.21 Wide x 48.16 Long x 5.25" Tall (31cm x 122.3cm x 13.3cm)

**Weight:** 22 pounds (10 kg) Recessed mount

## Dimensions



	A	B	C
	12.21"	48.16"	5.25"
	31.0 cm	122.3 cm	13.3cm

## Warranty

Ten (10) Year Warranty - LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. When using a Ringdale ActiveLED surge protection device, ordered and installed separately, the power supply warranty can be extended from five (5) years to ten (10) years.

## Listings and Tests

cUL listed, CE, suitable for damp locations. RoHS compliant. IP66 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

**OL14**

Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
<b>OL14</b> - 1x4 Surface Linear	<b>U</b> - 100-277 VAC, 50/60 Hz	<b>SM</b> - Surface Mount	<b>A</b> - Polychromatic	<b>50</b> - 5000K	<b>24</b> - 24W LED 26 W Max (1958 lumens)	<b>SL</b> - Silver	<b>P</b> - Pigtail, 6' AC Whip
	<b>J</b> - 100-277 VAC, 50/60 Hz, not Digitally capable	<b>SME</b> - Emergency (SU only)	<b>B</b> - Translucent Acrylic	<b>40</b> - 4000K	<b>36</b> - 36W LED 38 W Max (2610 lumens)	<b>BR</b> - Brown	
	<b>N</b> - None (requires remote Power Supply, consult factory)		<b>H</b> - Damp-proof Splash-proof	<b>35</b> - 3500K	<b>50</b> - 50W LED 52 W Max (3917 lumens)	<b>CG</b> - Charcoal	
	<b>E</b> - 45/48 VDC Power Supply (No AC Support)			<b>30</b> - 3000K	<b>72</b> - 72W LED 75 W Max (5861 lumens)	<b>WH</b> - White	
				<b>27</b> - 2700K	Note: Lumens at 5000K	<b>BK</b> - Black <b>BZ</b> - Bronze <b>X</b> - Custom RAL # for <b>X</b>	

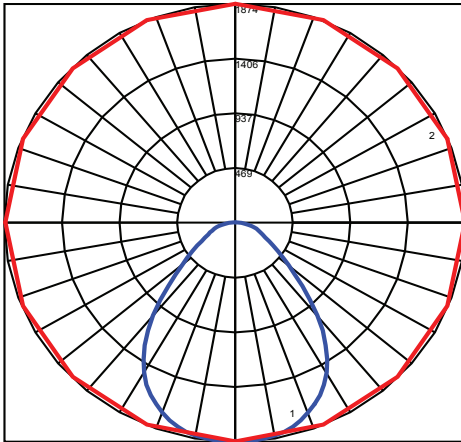
## Performance Data

### Projected Lumen Maintenance (TM-21)

Fixture / Ambient Temperature	0 Hours	15000 Hours	30000 Hours	45000 Hours	60000 Hours	90000 Hours
OL14U-SU-7224WH @25C	1.00	1.00	0.99	0.99	0.99	0.99
OL14U-SU-7224WH @40C	1.00	0.99	0.99	0.98	0.97	0.96
OL14U-SU-7224WH @55C	1.00	0.98	0.97	0.96	0.94	0.92
OL14U-SU-7224WH @60C	1.00	0.98	0.96	0.95	0.93	0.90

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

## Photometrics



Maximum Candela = 1874.2 Located At Horizontal Angle = 67.5, Vertical Angle = 2.5  
 # 1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)  
 # 2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

## Control Options

Control Options vary by Power Supply selection.

## Accessories/Mounting Options

## Notes