

# OL4 Series 2x4 Surface Mount

SURFACE MOUNT LIGHTING

**300-480V**

**100-277V**

**LM79  
LM80**

**IP63**



## PROJECT INFORMATION

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

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

Date \_\_\_\_\_

## DESCRIPTION

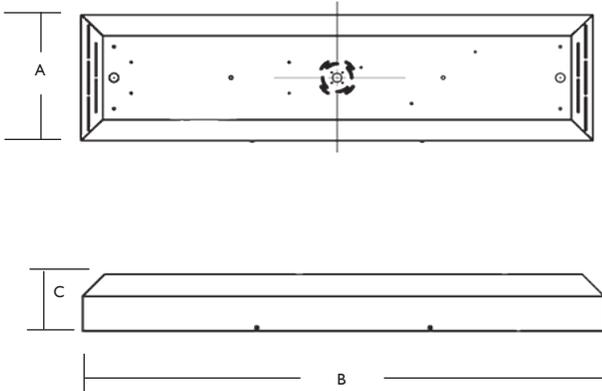
The ActiveLED® OL4 Series 2'x4' Surface Mount Linear with its clean and even pattern of light, offers directional control minimizing light pollution outside the targeted light footprint for improved visibility and efficiency. Consuming 50-85 percent less energy than conventional lighting and can be dimmed digitally. The OL4 Series Surface Mount light may be installed as new or retrofit lighting in office, warehousing and retail structures.



Applications include: Office, Retail, Gymnasium, and Warehouse Spaces.

OL4 2x4 Surface Mount

## DIMENSIONS



A	B	C
24.16"	47.96"	5.25"
61.36 cm	121.81 cm	13.33 cm

## FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming 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

**6,645** lm

WATTS

**75** W

LUMENS per WATT

**88.6** lm/W

LIGHT COLOR (CCT)

**5000** K

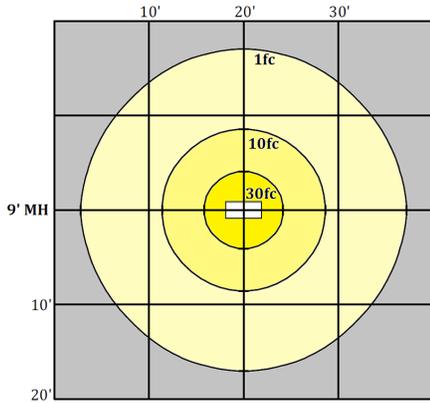
**ActiveLED®**  
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for OL4, 72W only.

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



## 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, 72W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; 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 LED Watts 26, 38, 50 and 75 Input 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% (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 (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: OL4U-ST-B5OR72WH

<b>OL4</b>							
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Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
<b>OL4</b>	<b>U</b>	<b>ST</b>	<b>A</b>	<b>50</b>	<b>R24</b>	<b>WH</b>	<b>B</b>
2'X4' Surface Linear	100-277 VAC, 50/60 Hz. Auto Sensing	Surface Traditional	Polychromatic Diffuser	5,000K	24W LED, 26W Max (2126 Lumens)	White	Battery Backup Enabled
	<b>6</b>	<b>STE</b>	<b>B</b>	<b>40</b>	<b>R36</b>	<b>BK</b>	<b>P</b>
	300-480 VAC, 50/60 Hz., Auto Sensing	Surface Traditional Emergency	Translucent Diffuser	4,000K	36W LED, 38W Max (3189 Lumens)	Black	Pigtail, 6' AC Whip
	<b>N</b>	(Universal Driver Only)	<b>H</b>	<b>35</b>	<b>R48</b>	<b>BR</b>	
	None <sup>1</sup>		Damp/Splash Proof Diffuser	3,500K	48W LED, 50W Max (4252 Lumens)	Brown	
	<b>E</b>			<b>30</b>	<b>R72</b>	<b>BZ</b>	
	45/48 VDC Driver <sup>2</sup>			3,000K	72W LED, 75W Max (6379 Lumens)	Bronze	
				<b>27</b>		<b>CG</b>	
				2,700K		Charcoal	
						<b>SL</b>	
						Silver	
						<b>X</b>	
						Custom	

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

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