

# OL4 Series 2x4 Recessed Indirect Troffer

RECESSED LIGHTING

**300-480V**

**100-277V**

**LM79  
LM80**

**IP63**



## PROJECT INFORMATION

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

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

## DESCRIPTION

The ActiveLED® OL4 Series 2'x4' Recessed Indirect Troffer offers an architectural design, superior color consistency and efficiency with optional dimming capabilities. Ideal for office, retail and warehouse settings, consuming 50-85% less energy than conventional lighting, installation options include new or retrofit lighting.

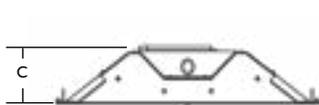
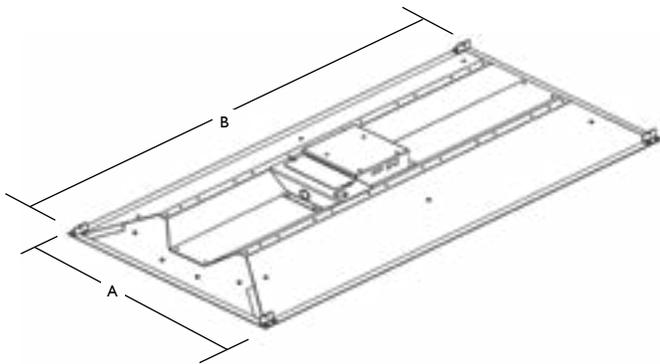
Applications include: Office, Retail and Warehouse Spaces.



OL4 Series 2x4 Recessed Indirect Troffer



## DIMENSIONS



A	B	C
23.79"	47.82"	4.16"
60.4 cm	121.4 cm	10.5 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 a building management system (BMS).
- Integrated Battery Backup Unit – The integrated BBU option converts any Recessed Indirect Troffer into an Emergency LED Lighting Fixture, providing at least three hours of emergency battery lighting in case of a power outage. The included battery charger carefully manages the Lithium Iron Phosphate (LiFePO4) battery pack to ensure a battery life of at least 10 years.
- 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 driver.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. Eligible for extended two year warranty. See page 2 for additional warranty information.



LIGHT OUTPUT

**12,375** lm

WATTS

**99** W

LUMENS per WATT

**125** lm/W

LIGHT COLOR (CCT)

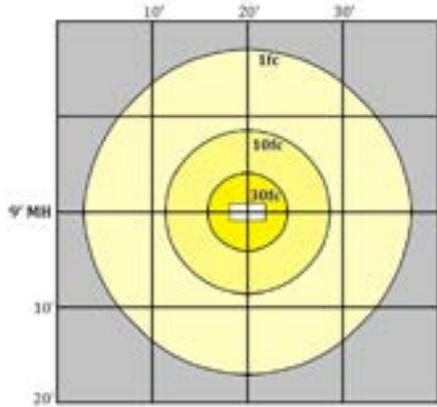
**5000** K

**ActiveLED®**  
Energy Efficient Lighting and Controls.



NOTE: Lighting Facts shown for OL4, 96W 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, 96W 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	Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)
Input Power	24, 36, 48, 72 and 96 LED Watts 26, 38, 50, 74 and 102 Input Watts	LED Optics	IP63 rated, heat sink, thermally bonded LEDs., and patented thermal management mounting system
Power Factor	> 0.91 (at ~100-277 Volts)	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Housing	Fabricated aluminum .063 thickness for pan and heat sinking parts, electroplated galvanized steel for the frame, stainless steel hardware
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink	Finish	Powder coated after fabrication
Dimming	0-10V or EDSaP digital	Dimensions	23.79" Wide x 47.82" Long x 2.5" High without power supply, 4.16" with power supply (6.4 cm / 10.5 cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	19.5 pounds (8.8kg)

## 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. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

## LISTINGS AND TESTS

cUL listed driver, CE, suitable for interior 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-RI-B50R72WH

Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
<b>OL4</b> 2'x4' Recessed Indirect Troffer	<b>U</b> 100-277 VAC, 50/60 Hz.	<b>RI</b> Indirect Grid	<b>A</b> Polychromatic Diffuser	<b>50</b> 5,000K	<b>R24</b> 24W LED, 26W Max (3000 Lumens)	<b>WH</b> White	<b>B</b> Battery Backup Enabled <sup>1</sup>
	<b>UE</b> 100-277 VAC, 50/60 Hz Auto Sensing, Emergency Battery Back-up	<b>RIF</b> Indirect Flanged Mount	<b>B</b> Translucent Diffuser	<b>40</b> 4,000K	<b>R36</b> 36W LED, 38W Max (4500 Lumens)	<b>BK</b> Black	<b>P</b> Pigtail, 6' AC Whip
	<b>UZ</b> 100-277 VAC, 50/60 Hz Auto Sensing, 0-10V Dimming		<b>H</b> Damp/Splash Proof Diffuser	<b>35</b> 3,500K	<b>R48</b> 48W LED, 50W Max (6000 Lumens)	<b>BR</b> Brown	
	<b>N</b> None <sup>1</sup>			<b>30</b> 3,000K	<b>R72</b> 72W LED, 75W Max (9000 Lumens)	<b>BZ</b> Bronze	
	<b>E</b> 45/48 VDC Driver <sup>2</sup>			<b>27</b> 2,700K	<b>R96</b> 96W LED, 102W Max (12250 Lumens)	<b>CG</b> Charcoal	
						<b>SL</b> Silver	
						<b>X</b> Custom	
					Lumens at 5,000K		

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

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

<sup>3</sup> Requires a separate remote battery backup unit or DC power source.