

OL4 Series 2x4 Lensed Troffer

RECESSED MOUNT LIGHTING

300-480V

100-277V

**LM79
LM80**



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

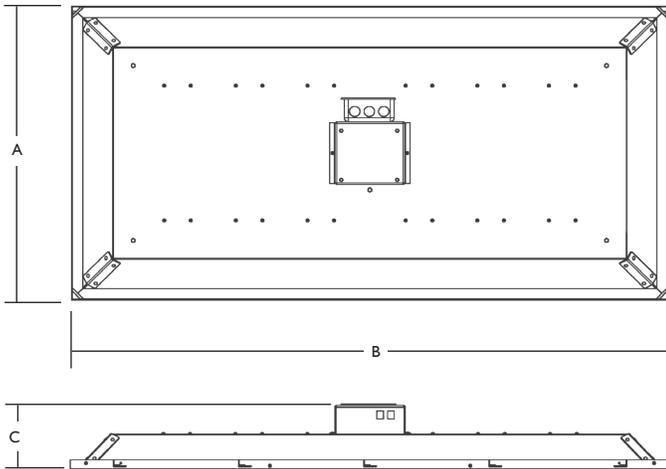
The ActiveLED® OL4 Series 2'x4' Recessed Troffer is designed to give a clean, even pattern of light in any indoor office or retail environment. Made of aircraft grade aluminum and the highest quality LEDs, this fixture is designed to last for more than a decade with no more changing of lamps or ballasts.

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



OL4 Series 2x4 Recessed Indirect Troffer

DIMENSIONS



A	B	C
23.87"	47.87"	4.76"
59.5 cm	119.5 cm	12.09 cm

FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EDSaP digital dimming and 0..10V legacy dimming.
- 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 driver.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver.



LIGHT OUTPUT

14,800 lm

WATTS

100 W

LUMENS per WATT

150 lm/W

LIGHT COLOR (CCT)

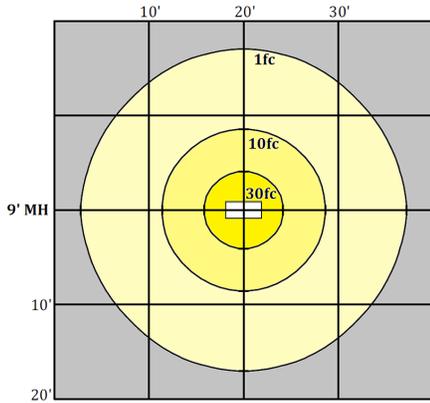
5000 K

NOTE: Lighting Facts shown for OL4, 96W clear diffuser only. For more information call

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; Auto-sensing, 300-480 Volts AC, 50/60 Hz	LED Optics	IP64 rated, heat sink, thermally bonded LEDs, and patented thermal management mounting system
Input Power	24, 36, 48, 72 and 96 LED Watts 26, 38, 50, 74 and 102 Input Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.96 (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%)	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. 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 damp locations. RoHS compliant. IP64 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-RT-A5OR96WH

OL4							
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Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
OL4	U	RT	A	50	R24	WH	B
2'X4' Lensed Troffer	100-277 VAC, 50/60 Hz. Digital Dimming Enabled	Recessed Mount, Grid	Prismatic Diffuser	5,000K	26W Max (3,900 lm)	White	Battery Backup Enabled
	UE	RTF	B	40	R36	BK	P
	100-277 VAC, 50/60 Hz Auto Sensing, Emergency Battery Back-up	Recessed Flange Mount	Translucent Diffuser	4,000K	38W Max (5,400 lm)	Black	Pigtail, 6' AC Whip
	UZ	RTP	H	35	R48	BR	
	100-277 VAC 50/60 Hz 0-10 VDC Dimming	Recessed Plenum Mount	Damp/Splash Proof Diffuser	3,500K	50W Max (7,200 lm)	Brown	
	J		K	30	R48	BZ	
	100-277 VAC, 50/60 Hz, Not Digitally Enabled		Clear Acrylic Diffuser	3,000K	50W Max (7,200 lm)	Bronze	
	6			27	R72	CG	
	300-480 VAC, 50/60 Hz, Auto Sensing			2,700K	74W Max (10,800 lm)	Charcoal	
	N				R96	SL	
	None ¹				102W Max (14,800 lm)	Silver	
	E					X	
	45/48 VDC Driver					Custom	

¹ Requires remote driver. Consult factory.

² No AC Support.

Lumens at 5,000K