OL14 Series 1x4 Lensed Troffer
RECESSED MOUNT LIGHTING

300-480V **100-277V** **LM79 LM80** **IP64** UL 🇺🇸

PROJECT INFORMATION

Project Name

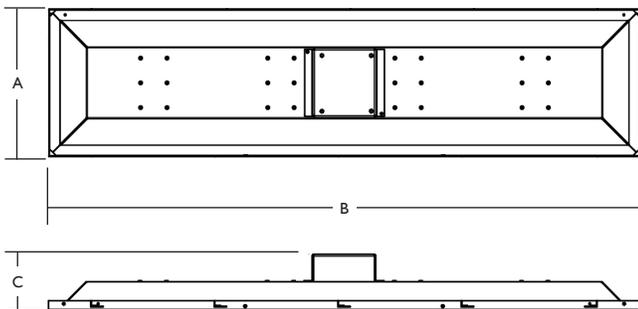Catalog No.   Date

DESCRIPTION

The ActiveLED® OL14 Series 1'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. H-Type is hermetically sealed for clean rooms and for greacy and dusty (non explosive) environments.

OL14 1x4 Troffer

DIMENSIONS

A	B	C
11.94"	47.87"	4.51"
30.3cm	119.5cm	11.4cm

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 fixture watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ - LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- LightSpace® Lighting Controls - Fixture digitally dimmed either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- 0..10V Dimming Option
- Battery Backup Option - 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.

TOP QUALITY ★ GUARANTEED · **10** YEAR WARRANTY

LUM INTENSE Technology **BUILT-IN**

LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
5000 lm	**38** W	**130** lm/W	**5000** K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for OL14, 48W only.
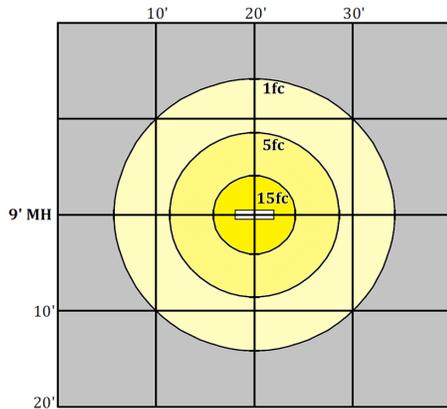For more Lighting Facts, visit lightingfacts.com for the Label and *Label Reference Guide*.

PHOTOMETRICS

NOTE: Photometrics shown for OL14 Series, 48W only. Contact company for photometrics on other sizes.

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.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz
Input Power	24, 36, 48 and 72 LED Watts 26, 38, 50 and 74 Input Watts
Power Factor	> 0.91 (at ~100-277 Volts)
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink
Operating Temperature	-58° F to 149° F (-50° C to 65° C)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)
LED Optics	IP64 rated, heat sink, thermally bonded LEDs., and patented thermal management mounting system
CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Housing	Fabricated aluminum .063 thickness for heat sinking parts, electroplated galvanized steel for the pan, stainless steel hardware
Finish	Powder coated after fabrication
Dimensions	11.94" Wide x 47.87" Long x 4.5" High (30.3cm x 47.87cm x 11.4cm)
Weight	11.6 pounds (5.3kg)

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 exterior 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: OL14U-RT-A5048WH-B

Style	Voltage	Mount	Diffuser	CCT	Watts	Color	Options
OL14 1'X4' Lensed Troffer	**U** 100-277 VAC, 50/60 Hz.	**RT** Recessed Mount, Grid	**A** Polychromatic Diffuser	**50** 5,000K	**24** 26W Max (3100 lumen)	**WH** White (Default)	**B** Battery Backup Enabled
	UE 100-277 VAC, 50/60 Hz. Auto Sensing, Emergency Battery Back-up	**RTF** Recessed Flange Mount	**B** Translucent Diffuser	**40** 4,000K	**36** 38W Max (5000 lumen)	**BK** Black	**P** Pigtail, 6' AC Whip
	J 100-277 VAC, 50/60 Hz, 0..10V Dimming Only	**RTP** Recessed Plenum Mount	**H** Damp/Splash Proof hermetically sealed	**35** 3,500K	**48** 48W LED, 50W Max (6200 lumen)	**BR** Brown	
	6 300-480 VAC, 50/60 Hz., Auto Sensing	**RTC** Recessed Clamp Mount	**K** Clear Polycarbonate Diffuser, High Impact	**30** 3,000K	**72** 74W Max (9300 lumen)	**BZ** Bronze	
	N None[1]			**27** 2,700K	lumen at 5,000K	**CG** Charcoal	
	E 45/52 VDC Driver[2]					**SL** Silver	
						X Custom	

[1] Requires remote driver. Consult factory.
[2] No AC Support.

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