ADVANTAGE ENVIRONMENTAL LIGHTING

Catalog Number	
Project	
Type	

LRCWL

Recessed LED Troffer
Suitable for Wet Locations

SPECIFICATIONS

DESCRIPTION

The LRCWLis an IP65, IC-rated luminaire which provides a cost-effective LED clean room lighting solution. Gasketed housing and door frame create a sealed enclosure. The LRCWL is available in 2x2 and 2x4 sizes. Available options such as anti-microbial paint, 90 CRI, and 12W emergency driver. Suitable for ISO 5 Cleanrooms. This fixture was designed for healthcare facilities, cleanrooms, and any insulated ceilings.

DOORFRAME

Inset door frame constructed of .063" aluminum. White TGIC polyester powder coat standard, with optional anti-microbial white paint. Closed-cell gasket completely seals the doorframe and the housing.

ELECTRICAL SYSTEM

Electronic driver 0-10V 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 5°C). Complies with federal energy efficiency standards.

OPTICAL SYSTEM

A variety of lensing options are available to fit the needs of any application. If additional lensing options are needed, consult factory.

LISTINGS

Approved to CSA and cUL/UL standards.
Food Safe.
IP65 rating.
ISO 5 certified.

MOUNTING

Recessed grid mounting.

HOUSING

Available in 20 gauge cold roll steel or .063" aluminum. If options needed are not listed, consult factory. Seam-welded construction. Closed cell gasket seals doorframe to housing. White TGIC polyester powder coat standard. Anti-microbial paint optional.

LED

80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. Life is 100,000 hours at 70% lumen maintenance. LM79, LM80 and TM21 compliant.

WARRANTY

5 - Year Limited Warranty. Complete warranty and terms located at: www.aelnow.com/warranty

Output	Delivered Lumens	System Wattage	L70 @45C (hrs)
5L	5000	32	>100K
7L	7000	45	>100K
9L	9000	58	>100K
11L	11000	71	>100K
13L	13000	84	>100K

*Delivered Lumens shown were tested with 4000K LEDs.

Approximate Color Temperature Multiplier	
5000K	1.03
4000K	1
3500K	0.97
3000K	0.94
2700K	0.91

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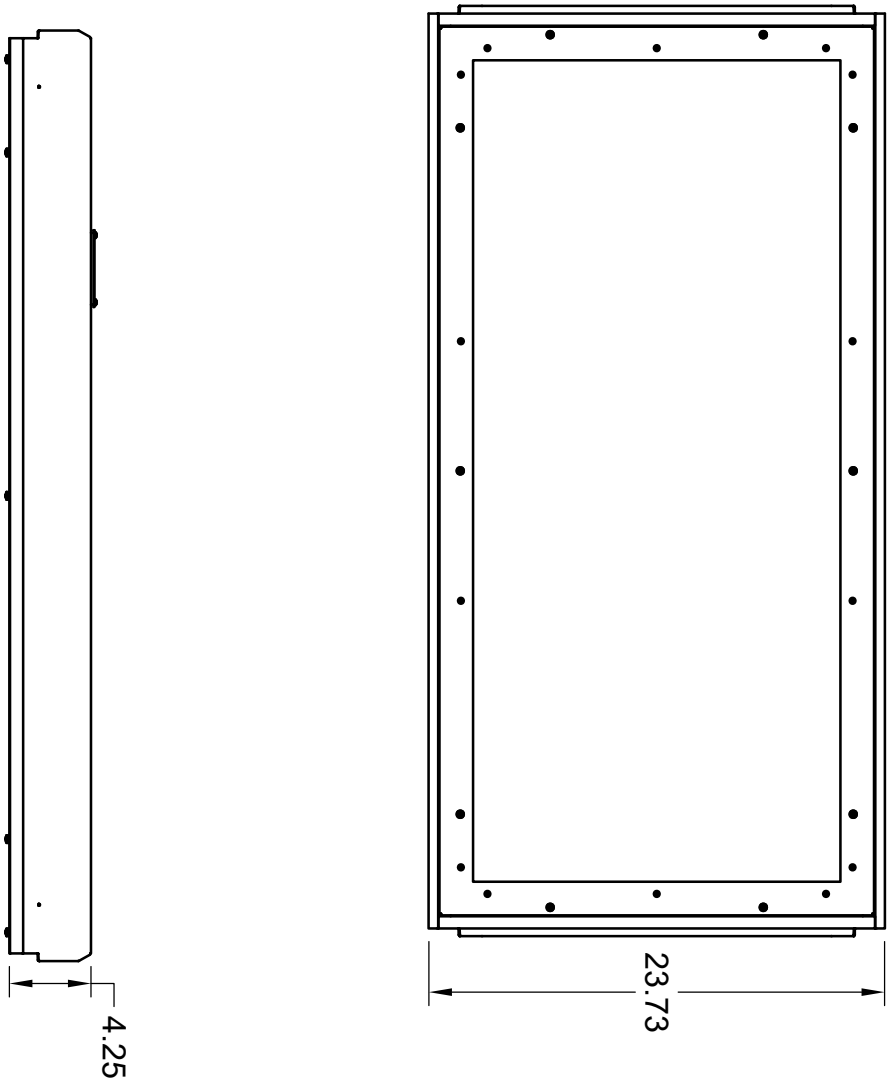
ORDERING INFORMATION

Example: LRCWL24-40-9L-B20-ALHINS-PA125-M
Custom Lumen Output: LRCWL24-40-9500L-B20-ALHINS-PA125-M for 9,500 lumens

Series		CCT		Illumination Level[1]		Housing	
LRCWL22	2x2	**27**	2700K	**5L**	5000 lumens	**B20**	20 Gauge Cold Roll Steel
LRCWL24	2x4	**30**	3000K	**7L**	7000 lumens	**ALH**	.063" Aluminum
		35	3500K	**9L**	9000 lumens		
		40	4000K	**11L**	11000 lumens		
		50	5000K	**13L**	13000 lumens		
				XXL	xxxx lumens *(custom)*		

Door Frame		Inverted Lens		Voltage	
Inset Doorframe		**PA125**	.125 Prismatic Acrylic	**M**	120/277V
ALHINS	.063" Aluminum Doorframe (Painted)	**S**	Satin Lens		
		Other lens options available, consult factory.			

Driver Options		Circuits		Options	
BLANK	0-10V Dimming Driver (*included standard*)	**1**	1 Circuit	**12EBL**	12 Watt Emergency Driver
CD5	0-10V 5% to Off Dimming Driver	**2**	2 Circuits	**90**	90 CRI
EDN	Electronic Driver Non-Dimming			**AM**	Anti-Microbial White Paint
FLDD	Fifth Light Dali, Dimming			**VDO**	Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology			**CPOL**	Clear .125 Polycarbonate Outer Lens
LDE5	Lutron LDE5 5-Series Ecosystem 5% Dimming				

DIMENSIONS