



CATALOG #:

PROJECT:

TYPE:

LRCWL

RECESSED LED
TROFFER
SUITABLE FOR WET
LOCATIONS



The **LRCWL** is a 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 1X4, 2x2 and 2x4 sizes. Available options such as anti-microbial paint, 90 CRI, and 14W 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 (or choose from cold rolled steel options). 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 @ 25°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 ETL standards. Food Safe, NSF compliant design. IP65 rating. ISO 5 certified.

MOUNTING: Recessed grid mounting.

HOUSING: Available in 18 or 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. Antimicrobial 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.

Ordering Information on Next Page ►

ORDERING INFORMATION:

Example: LRCWL-24-40-9L-B20-ALHINS-S-M-VDO

SERIES	SIZE	CCT	ILLUMINATION LEVEL	HOUSING	DOOR MATERIAL (INSET)
LRCWL	14 1X4	27 2700K	4L 4000 Lumens (Standard Low)	B20 20 Gauge Cold Roll Steel	B18 18 Gauge Cold Roll Steel
	22 2X2	30 3000K	7L 7000 Lumens (Medium Low)	ALH .063 Aluminum	ALHINS .063" Aluminum Doorframe (Painted)
	24 2X4	35 3500K	11L 11000 Lumens (High Low)		
		40 4000K	12L 12000 Lumens (Standard Medium)		
		50 5000K	13L 13000 Lumens (Medium Medium)		
			15L 15000 Lumens (High Medium)		
			16L 16000 Lumens (Standard High)		
			20L 20000 Lumens (Medium High)		
			25L 25000 Lumens (High High)		
			XX Custom Lumens		

LENS	VOLTAGE	CIRCUITS	DRIVER OPTIONS	OPTIONS
PA125 .125 Inverted Prismatic Acrylic	M Multi-Volt (120-277VAC)	1 1 Circuit 2 2 Circuits	BLANK 0-10V 1% Dimming Driver (included standard)	14EBL 14 Watt Emergency Driver
S Satin Lens			CD5 0-10V 5% to Off Dimming Driver	90 90 CRI
125P Clear .125 Polycarbonate Outer Lens			EDN Electronic Driver Non-Dimming	AM Anti-Microbial White Paint
			DALI 1% Dali Dimming Driver	VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)
			LEDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	

Dimensions on Next Page 

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	25.0 - 156.3 WATTS*
DELIVERED LUMEN OUTPUT:	4000 - 25000 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	80 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

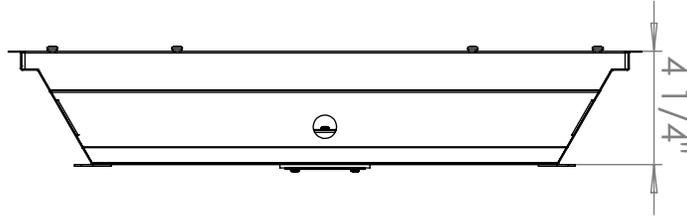
5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

OUTPUT	DELIVERED LUMENS	WATTS	L70 @20C (HRS)
4L	4000 LUMENS	25.0	>100K
7L	7000 LUMENS	43.8	>100K
11L	11000 LUMENS	68.8	>100K
12L	12000 LUMENS	75.0	>100K
13L	13000 LUMENS	81.3	>100K
15L	15000 LUMENS	93.8	>100K
16L	16000 LUMENS	100.0	>100K
20L	20000 LUMENS	125.0	>100K
25L	25000 LUMENS	156.3	>100K

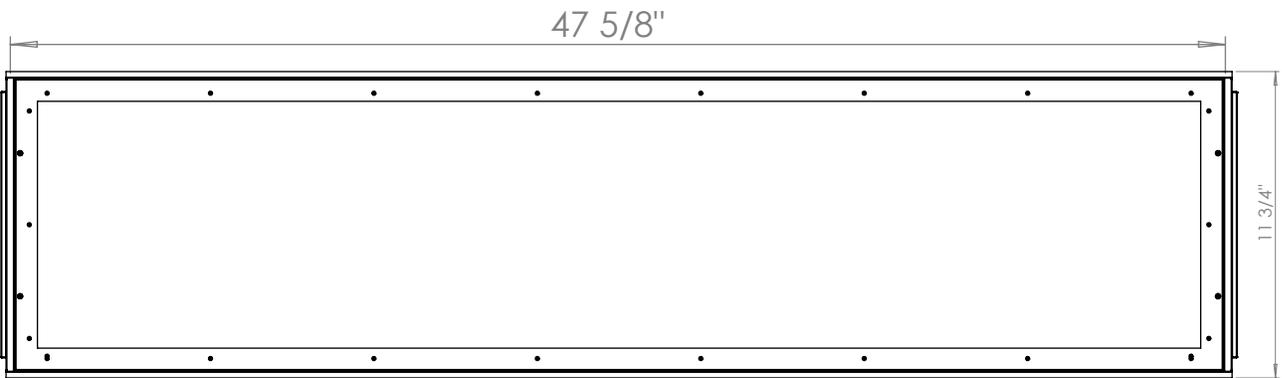
*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%

DIMENSIONS

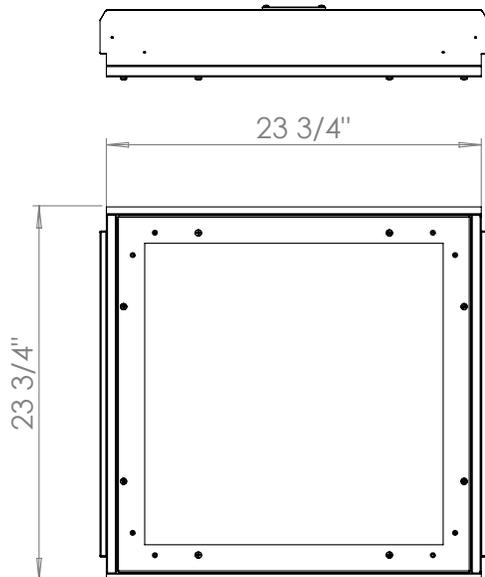
PROFILE



1X4



2X2



2X4

