ADVANTAGE
ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

CLASQLDR
LOW PROFILE RECESSED, CLEAN ROOM

CLEANROOM
LED LUMINAIRES

ISO5 CLEANROOM

LUTRON · FC · RoHS · IC · IP66

The **CLASQLDR** Series is ISO5, IP65 compliant, IC-rated luminaire which provides a cost-effective LED clean room lighting solution. For use in insulated ceilings. NSF/ANSI 2 Food Zone, Splash Zone and Non-Food Zone Applications. This is a highly versatile lighting unit with a wide-range of uses. Includes a high-impact lens polycarbonate lens. Even with the thickest lens the unit is under 3" deep which works well in tight spaces.

APPLICATIONS: The **CLASQLDR** Series were designed to be high quality, energy efficient LED fixtures for use in cleanrooms.

CONSTRUCTION: Our **CLASQLDR** is constructed of a heavy gauge cold rolled steel body.

OPTICAL SYSTEM: White polyester polymer finish with a high reflectivity. A computer designed optical system that maximizes the output of the lamps producing very wide distribution for even brightness. Outer clear lens creates a tight seal to the fixture, and provides impact/scratch resistance (as well as uniformity and reduced glare). This unit comes standard with a .125" clear polycarbonate lens to insure a tight seal.

ELECTRICAL SYSTEM: Electronic drivers are available for 120/277V applications, 0-10V Dimming driver included standard. Long-life LED system rated for >120K life hours (L70 @ 25°C). Metal gear tray for internal LED driver. Complies with federal energy efficiency standards.

MOUNTING: Design for recessed flanged mounting. Easy installation with adjustable 90° swing arm system standard. Universal mounting allows for both recessed flanged and recessed grid mounting

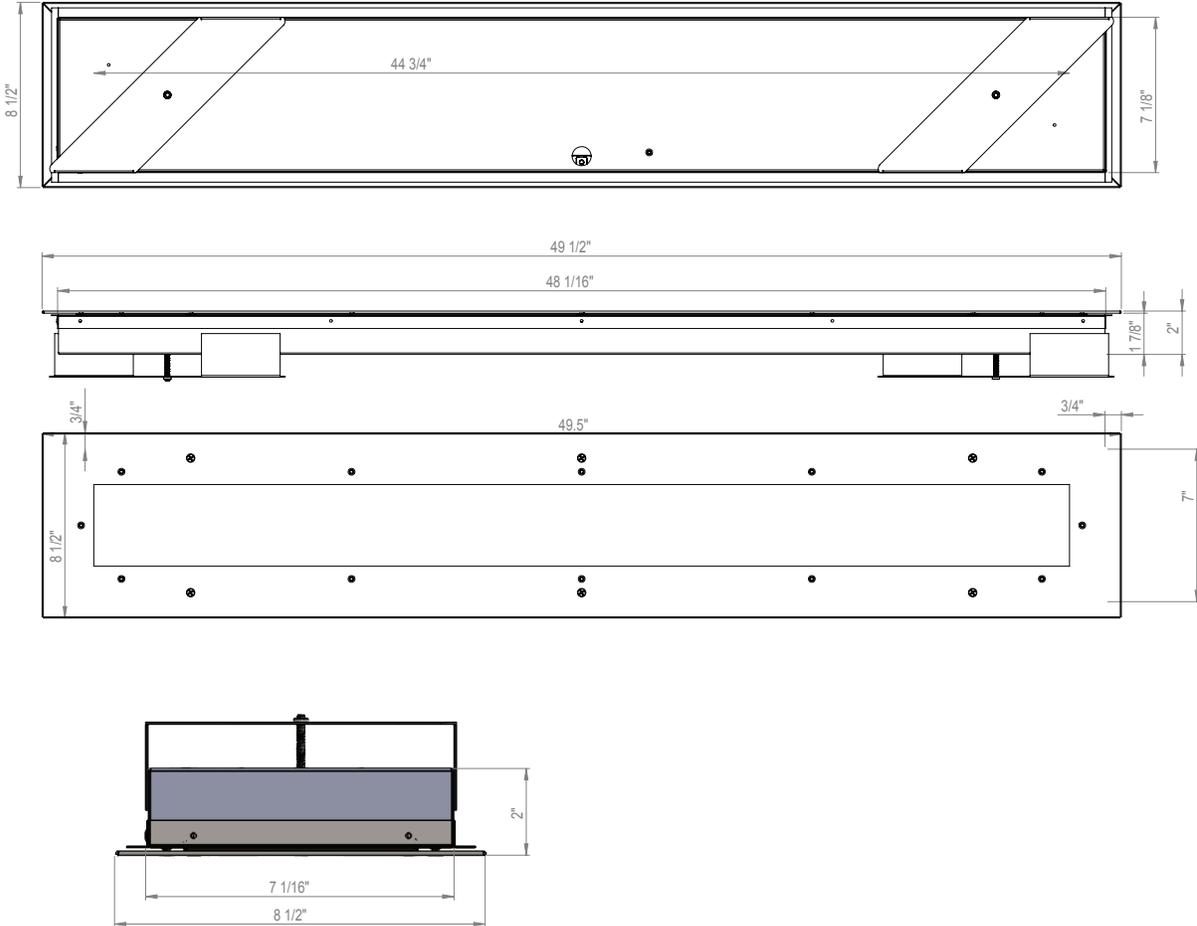**LISTING:** Suitable for ISO 5-9 cleanrooms. ETL/cETL listed. IP65 rated.

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

ORDERING INFORMATION   Example: CLASQLDR-40-500L-S-M-W-4-CD1

SERIES	CCT	ILLUMINATION LEVEL	LENS	FINISH	VOLTAGE	ROW LENGTH
CLASQLDR	30 3000K	500L 500lm/Ft,	PA125 .125" Prismatic Acrylic	W White	M Multi-Volt (120-277VAC)	2 2 Feet
	35 3500K	750L 750 lm/ft	PA187 .187" Prismatic Acrylic	SP Special		3 3 Feet
	40 4000K	1000L 1000 lm/ft	S Satin Acrylic			4 4 Feet
	50 5000K	XXXXL XXXX lm/ft (custom)	FR Frosted DR Acrylic			5 5 Feet
						6 6 Feet
						7 7 Feet
						8 8 Feet
						XX XX Feet

DRIVER OPTIONS		OPTIONS	
BLANK	0-10V Dimming Driver (included standard)	14EBL	14 Watt Emergency Driver
CD1	0-10V 1% to OFF Dimming Driver	90	90 CRI
CD5	0-10V 5% to Off Dimming Driver		
EDN	Electronic Driver Non-Dimming		
LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		

ROUGH IN CEILING CUT OUT SIZE:
48 5/16" X 7 3/8"

ENERGY AND PERFORMANCE DATA

INPUT VOLTAGE:	120/277VAC*
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>120,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-20° TO 50° C

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

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

OUTPUT	DELIVERED LUMENS	SYSTEM WATTAGE	CRI	LPW
500L	500 LM/FT	3.3	82	150
750L	750 LM/FT	5.0	82	150
1000L	1000 LM/FT	6.6	82	150