



CATALOG #:  
PROJECT:  
TYPE:

# CLASQLDR LOW PROFILE RECESSED, CLEAN ROOM

**ISO5**  
CLEANROOM  
Cleanroom  
LED LUMINARIES



LUTRON



## PRODUCT SPECIFICATIONS

**DESCRIPTION:** The CLASQLD Series is ISO5, 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 CLASQLD Series were designed to be high quality, energy efficient LED fixtures for use in cleanrooms.

**CONSTRUCTION:** Our CLASQLD is constructed of a heavy gauge cold rolled steel body. Units are shipped with die cast aluminum joiners installed for structural continuity and for attaching other units for continual runs.

**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).

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

**LISTING:** ISO5, SUL and cUL Listed. Damp location rated.

**WARRANTY:** 5-Year Limited Warranty. Complete warranty and terms located at [www.aelnow.com/warranty](http://www.aelnow.com/warranty).

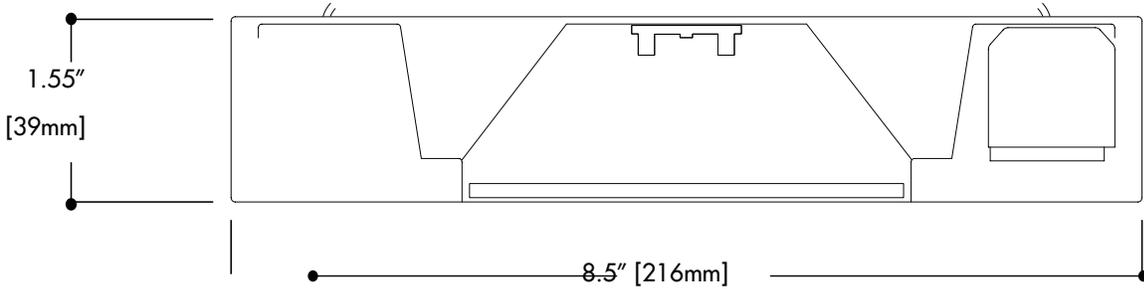
## ORDERING INFORMATION Example: CLASQLDR-40-500L-S-M-W-4-CD1-FW-WH34

SERIES	CCT	ILLUMINATION LEVEL	LENS	VOLTAGE	FINISH	ROW LENGTH
CLASQLDR	30 3000K 35 3500K 40 4000K 50 5000K	500L 500lm/Ft. 750L 750 lm/ft 1000L 1000 lm/ft XXXXL XXXX lm/ft (custom)	125P .125 Clear Polycarbonate 156P .156 Clear Polycarbonate 187P .187 Clear Polycarbonate 250P .250 Clear Polycarbonate 375P .375 Clear Polycarbonate FR .080 Frosted Diffused Acrylic P125 .125 Prismatic Acrylic P187 .187 Prismatic Acrylic	M Multi-Volt (120-277VAC)	W White SP Special	2 2 Feet 3 3 Feet 4 4 Feet 5 5 Feet 6 6 Feet 7 7 Feet 8 8 Feet XX XX Feet

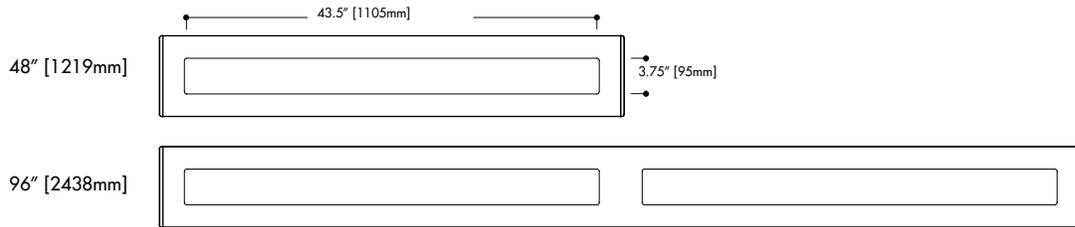
DRIVER OPTIONS	OPTIONS	OPTIONS
BLANK 0-10V Dimming Driver (included standard)	12EBL 12 Watt Emergency Driver	WH34 3-Wire 4 Feet
CD1 0-10V 1% to OFF Dimming Driver	VDO Lutron Vive Integral Fixture Control (RF with Daylight and Occupancy Sensing)	WH44 4-Wire 4 Feet
CD5 0-10V 5% to Off Dimming Driver	FCJ50 Lutron Vive Attached Fixture Control (RF Only for 0-10V Drivers)	WH54 5-Wire 4 Feet
EDN Electronic Driver Non-Dimming	45 45 Degree	WH38 3-Wire 8 Feet
FLDD Fifth Light Dali, Dimming	90 90 Degree	WH48 4-Wire 8 Feet
LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology		WH58 5-Wire 8 Feet
LDE5 Lutron LDE5 5-Series Ecosystem 5% Dimming		
PSQ02U Lutron T-Series 1% 2-Channel Tunable White		

## CLASQLDR

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Fixture Lengths



### 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