



CATALOG #:  
PROJECT:  
TYPE:

## CRLP LOW PROFILE RECESSED, FLANGED CLEAN ROOM



The **CRLP** Series is ISO 3 to 8, IP65 compliant, IC-rated flanged 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 **CRLP** Series were designed to be high quality, energy efficient LED fixtures for use in cleanrooms.

**CONSTRUCTION:** Our **CRLP** 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 3-8 cleanrooms. ETL/cETL listed. IP65 rated.

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

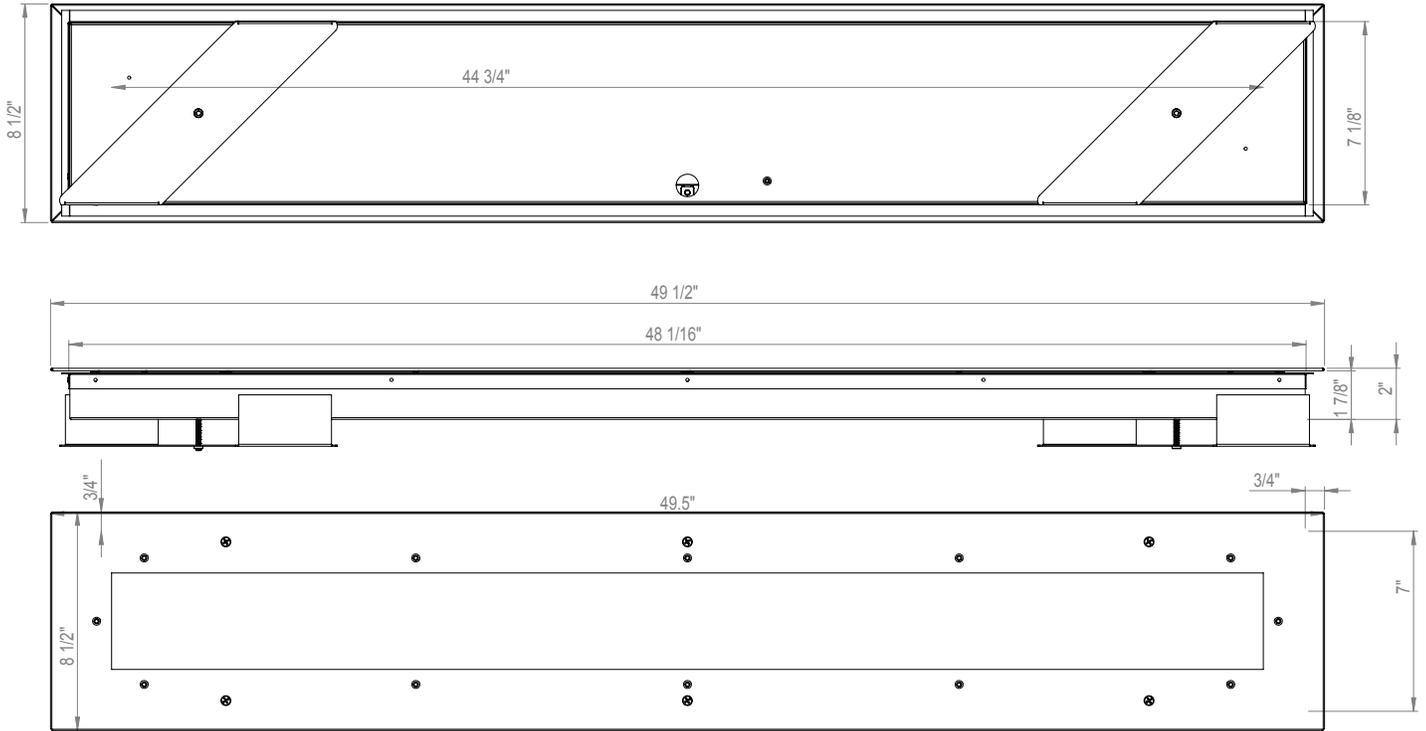
### ORDERING INFORMATION Example: CRLP-40-500L-S-M-W-4-CD1

| SERIES | CONFIGURATION       | CCT  | ILLUMINATION LEVEL  | LENS   | FINISH                | VOLTAGE                      | ROW LENGTH   |
|--------|---------------------|--|---|--|-----------------------|------------------------------|--|
| CRLP   | LN Linear<br>24 2X4 | 30 3000K<br>35 3500K<br>40 4000K<br>50 5000K | 500L 500lm/Ft,<br>750L 750 lm/ft<br>1000L 1000 lm/ft<br>XXXXL XXXX lm/ft (custom) | PA125 .125" Prismatic Acrylic<br>PA187 .187" Prismatic Acrylic<br>S Satin Acrylic<br>FR Frosted DR Acrylic | W White<br>SP Special | M Multi-Volt<br>(120-277VAC) | 2 2 Feet<br>3 3 Feet<br>4 4 Feet<br>5 5 Feet<br>6 6 Feet<br>7 7 Feet<br>8 8 Feet<br>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   |         |                          |
| FLDD           | 1% Dali Dimming Driver  |         |                          |
| LDE1           | Lutron Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology |         |                          |

**Dimensions on next page ►**  
**Installation is on final page**

**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 |

## EASY INSTALLATION INSTRUCTIONS

Place unit on a flat surface and remove door and reflector (driver is installed on reflector and will come out at the same time).

Using supplied hardware install recessed mounting bracket onto the unit (insert screw thru body from inside and thread onto LUG bracket).

Place fixture into it's final installed location. From inside of the fixture, turn the bracket screw. Adjust the nut to set the desired height of the bracket.

Continuing to turn the screw will cause the recessed mounting bracket to turn with it and secure the fixture in place.

Reinstall reflector and lens.

