



CLARA

CLA | SUSPENDED, WALL, SURFACE

STANDARD SIZES

4.75" Hollow Lensed Body
Configurable in 2ft increments (suspended mount)
ADA-Compliant 2ft/4ft wall sconce

LAMPING

LED - 80+ CRI - 3000K/3500K/4000K
Dimming down to 0%

FINISH

Aluminum, White, Black, Silver, Brass, RAL Classic Colors

CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum Housing
Extruded, Impact-Resistant Acrylic Lensed Body





PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

CLA – S6 – LED/3500 – 0/10V/0% – SFR – AL – UNV – EMB/1 – OS/1 – COMBO – SB
1 2 3 4 5 6 7 8A 8B 8C

1. BASE MODEL (CHOOSE ONE)

- CLA** 4-3/4" Suspended, 52% direct / 48% indirect
 CLAW 4-3/4" Wall Sconce, 52% direct / 48% indirect (may be mounted vertically or horizontally)

2. LENGTH (ENTER LENGTH IN FEET)

S__ Individual/Straight Run Section (enter length in 2ft increments for suspended mount or choose 2ft or 4ft for wall mount, ex. S6)

*CLA models are available in continuous rows of joined individual sections that are powered separately. Lenses are not continuous, joiners are used to connect sections. CLAW models are available in 2ft and 4ft individual sections.

*Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.

4. LED LAMPING (CHOOSE ONE)

- LED/3000K** 80+ CRI, 3000K CCT (warm)
 LED/3500K 80+ CRI, 3500K CCT (slightly warm)
 LED/4000K 80+ CRI, 4000K CCT (neutral)

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
522	5.9	89

*Based on data at 4000K using an SFR lens and 0/10V/S driver.

4. REMOTE DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming)
 0/10V/1% 0-10V dimming down to 1%
 0/10V/0% 0-10V premium dimming down to 0%
 DALI DALI flicker-free dimming down to 0%
 DMX DMX flicker-free dimming down to 0%
 ECOSYS1 Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
 ECOSYS5 Lutron 5-Series 5% EcoSystem, constant current

*Driver specifications provided upon request to assist with control system integration.


5. LENS (CHOOSE ONE)

- CLR** Clear, extruded acrylic-lensed body (subtle striations may be visible, see pg. 6 for more details)
 SFR Semi-frosted (2%), extruded acrylic-lensed body (see pg. 6 for lensed body descriptions and distinctions)

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6. FINISH (CHOOSE ONE)

- AL** Natural Anodized Aluminum (Standard Finish)
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL_____** Specify RAL Classic Color code (ex: RAL3003) ralcolorchart.com/ral-classic

7. VOLTAGE (CHOOSE ONE)

- UNV** Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (*Driver options may be limited*)

8. ADDITIONAL OPTIONS (OPTIONAL – CHOOSE ONE UNDER A & B, AND ANY UNDER C, IF DESIRED)

A. EMERGENCY OPTIONS

- EMB/___¹** Emergency Battery (*indicate quantity – each battery powers 4ft*)
- EMC/___¹** Emergency Circuit (*indicate quantity of 4ft sections to be illuminated by emergency circuit*)

¹For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for available options.

B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS – INDICATE SPECIFIC QTY IF DESIRED, OTHERWISE QTY WILL BE AUTOMATICALLY CALCULATED)

- ENLGH/___²** Enlighted® remote smart sensor (*occupancy, daylight, networking, and more*)
- OS/___** 0-10V remote occupancy sensor
- PH/___** 0-10V remote photocell/daylight sensor

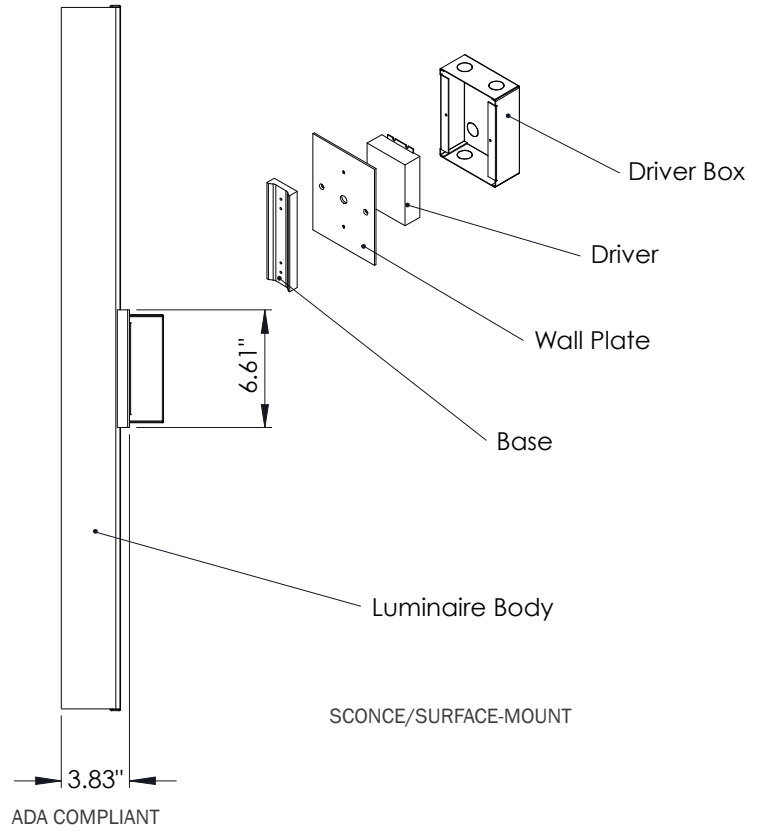
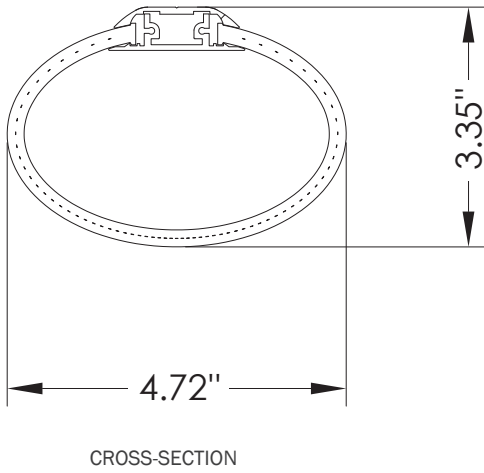
²Enlighted® Gateway *and* Energy Manager (by others) plus programming required. Learn more at enlightedinc.com.

C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

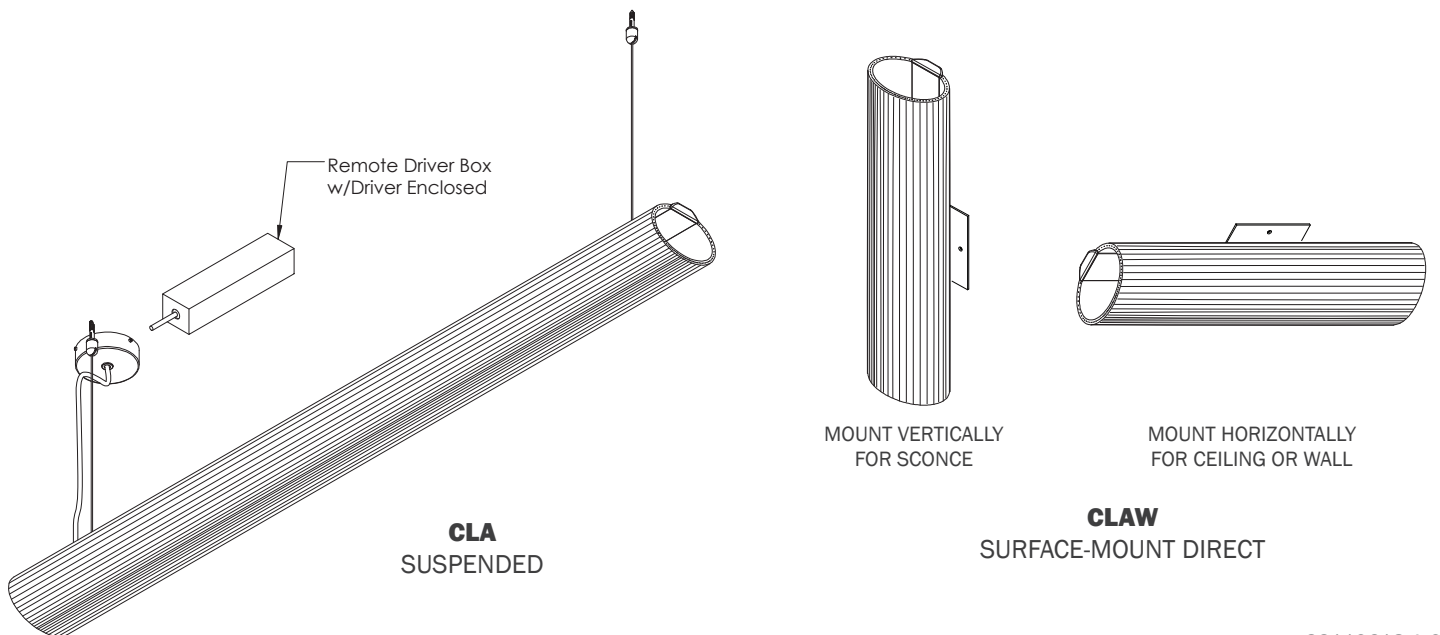
- COMBO** Combination 4.5" canopy at power feed locations to accommodate both power cord & suspension mount hardware.
- SB** Seismic Bracing



MECHANICAL DIAGRAMS – DIMENSIONS



MECHANICAL DIAGRAMS – MOUNTING



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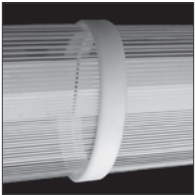


MOUNTING DETAILS



CEILING HARDWARE

- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 10' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



JOINER

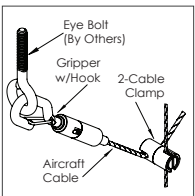
For suspended models, a white joiner is provided to connect the luminaire sections together to form a continuous row. NOTE: each section is powered by a separate power feed.



COMBO CANOPY

Choose option COMBO to specify 4.5" canopies at feed locations with power feed and aircraft cable suspension mounting.

Canopy finish is always white. Contact ALW for alternate colors.



SEISMIC BRACING

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point.



SURFACE MOUNT HARDWARE

CLAW wall models come with a thin 1/2" wall bracket and plate, making the sconce ADA compliant.

CLARA VOLTAGE DROP CHART FOR REMOTE DRIVERS - WHITE LED, 30VDC

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. There is one remote driver for every 4ft (e.g. 4ft will have 1 remote driver, but 6ft and 8ft will have 2 remote drivers). This chart only applies to Clara at 30VDC. Do not use this chart to calculate voltage drop for other fixtures.

WIRE GAUGE	2ft Section 11.8W 0.39A	4ft Section 23.6W 0.79A
18 AWG	171 ft.	81 ft.
16 AWG	276 ft.	134 ft.
14 AWG	445 ft.	218 ft.
12 AWG	712 ft.	352 ft.
10 AWG	1137 ft.	564 ft.

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ADDITIONAL OPTIONS & SPECIFICATIONS

ELECTRICAL PERFORMANCE

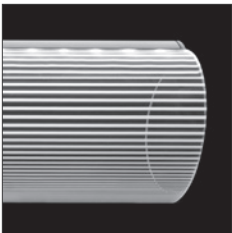
Class 2 LED drivers. $L_{70} > 54,000$ hours.
80+ CRI. Luminous flux +/- 5%.

LENSED BODY OPTIONS

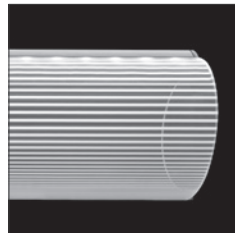
Extruded, impact-resistant acrylic.

The CLR lensed body is clear acrylic. NOTE: In the CLA suspended model, this clear option produces a faint striation pattern on direct- and lateral-facing surfaces within 12ft of the luminaire. There is no striation pattern on wall surfaces with the CLAW wall sconce.

The SFR lensed body is a semi-frosted (2%) acrylic. This option produces smooth, even illumination (no striation pattern) on all surfaces at all distances in both models, making it an ideal choice for general area lighting applications.



CLR (Clear Lens Body)



SFR (Frosted Lens Body)

HOUSING

100% recyclable, extruded architectural grade 6061 aluminum with a 0.08" minimum wall thickness.

SAFETY & REGULATORY

ETL Listed (U.S. & Canada).
Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

OPERATING CONDITIONS

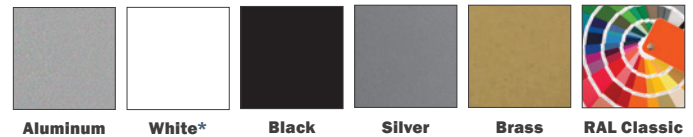
Luminaire should be installed and operated ONLY in locations where the ambient temperature ranges from -4 °F to 122 °F (-20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

SENSOR OPTIONS

Optional, occupancy detection (OS) and/or daylight harvesting (PS) sensor available. Or upgrade to an optional Enlighted® Smart Sensor (ENLGHT) for additional capabilities. Contact ALW for details.

FINISH

Standard finish is "Ultimatte" aluminum — a smooth, clean, and durable finish achieved from a deep etch and two-step clear anodizing process. Other options are shown below.



*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.

WARRANTY

Limited 5-year warranty. Details: alwusa.com/warranty