



# COMMALITE

**CML | SUSPENDED, WALL, CEILING**

## STANDARD SIZES

3.25" Shade - Suspended & Stem Mounting (6in.-30in. stems)  
Configurable in straight run sections

## LAMPING

LED - 80/90 CRI - 3000K/3500K/4000K  
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W  
Dimming down to 0%

## FINISH

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

## CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum





# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

**CMLSM.6.2 – S5 – MED/90/3500 – 0/10V/0% – LENS – AL – UNV – EMB/1 – OS/1**  
1            2            3            4            5            6            7            8A        8B

### 1. BASE MODEL (CHOOSE ONE UNDER A, B, & C, AS NECESSARY)

#### A. MOUNT

- S** Suspended Mount
- SM** Stem Mount

#### B. STEM LENGTH\*

- 6** 6" Arms
- 12** 12" Arms
- 18** 18" Arms
- 24** 24" Arms (incl. tiebacks)
- 30** 30" Arms (incl. tiebacks)

#### C. J-BOX\*

- 2** 2" J-Box (by ALW)
- 4** 4" J-Box (by others)

\*Stem Length and J-Box sections not applicable for Suspended Mount (S)

### 2. LENGTH (ENTER LENGTH IN FEET)

**S\_\_** Individual/Straight Run Section (enter length over 2ft, ex. S5)

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

### 3. LED LAMPING (CHOOSE ONE UNDER A & C)

#### A. OUTPUT

- LOW**
- MED**
- HI**
- TUNE**
- DECOR**
- RGB**
- RGBW** (80CRI, 4000K White)

#### B. CRI<sup>1</sup>

- 80**
- 90**

#### C. CCT<sup>2</sup>

- 3000K**
- 3500K**
- 4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 5 for complete details.		Up to 83 lm/W

<sup>1</sup>CRI Not applicable for DECOR, TUNE, RGB, or RGBW lamping.

<sup>2</sup>CCT Not applicable for TUNE, RGB, or RGBW lamping.

### 4. DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE lamping)
- 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% (Recommended for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Compatible only with LOW, MED and HI lamping)

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




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## 5. LENS

- LENS** Lightweight, HT (High Transmission) integral lens

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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](http://ralcolorchart.com/ral-classic)

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## 7. VOLTAGE (CHOOSE ONE)

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

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## 8. ADDITIONAL OPTIONS (OPTIONAL — CHOOSE ONE UNDER A & B, IF DESIRED)

### A. EMERGENCY OPTIONS

- EMB/\_\_\_<sup>3</sup>** Emergency Battery (*indicate quantity — each battery powers 4ft with a delivered lumen output of 1316lm*)  
 **EMC/\_\_\_<sup>3</sup>** Emergency Circuit (*indicate quantity of 4ft sections to be illuminated by emergency circuit*)

<sup>3</sup>For 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/\_\_\_<sup>4</sup>** Enlighted® remote smart sensor (*occupancy, daylight, networking, and more*)  
 **OS/\_\_\_** 0-10V remote occupancy sensor  
 **PH/\_\_\_** 0-10V remote photocell/daylight sensor

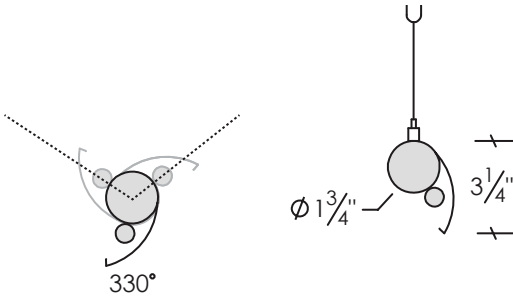
<sup>4</sup>Enlighted® Gateway and Energy Manager (by others) plus programming required. Learn more at [enlightedinc.com](http://enlightedinc.com).

### C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

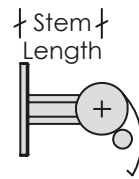
- COMBO** Combination 4.5" canopy at power feed locations to accommodate both power cord & suspension mount hardware.  
 **SB** Seismic Bracing



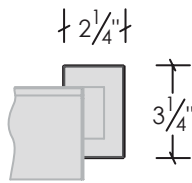
## MECHANICAL DIAGRAMS – MOUNTING & DIMENSIONS



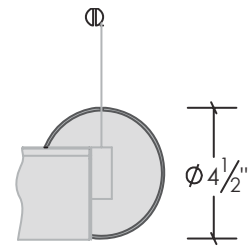
**CMLS**  
SUSPENDED



**CMLSM**  
WALL/CEILING



**JBOX2**  
(2-1/4" CANOPY WITH INTEGRAL SPLICE BOX PROVIDED BY ALW)



**JBOX4**  
(4-1/2" CANOPY WITH INTEGRAL SPLICE BOX; BY OTHERS)



## PERFORMANCE DETAILS – LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
<b>LOW</b> <sup>5</sup>	687	8.1	85	80 90	3000K 3500K 4000K
<b>MED</b> <sup>5</sup>	916	10.8	85		
<b>HI</b> <sup>5</sup>	1145	13.5	85		
<b>DECOR</b> <sup>5</sup>	335	5.9	57		
<b>TUNE</b> <sup>6,7</sup>	763	9.0	85	N/A	2700K-5700K
<b>RGB</b> <sup>7</sup>	Color-Changing RGB	5	N/A		N/A
<b>RGBW</b> <sup>7</sup>	Color-Changing RGB + 4000K White	5			

<sup>5</sup>Performance calculations are based on data at LOW output at 80 CRI and 3500K. MED and HI calculations are extrapolated values.

<sup>6</sup>Performance calculations are extrapolated estimates for mid-range CCTs. Cooler and warmer CCTs will provide lower delivered lumens (i.e. lower lm/w, higher W/lf).

<sup>7</sup>DMX driver recommended; controller not included.

## SUSPENSION MOUNTING



### CEILING HARDWARE

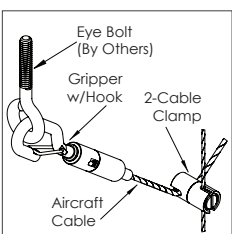
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



### 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.

SS101218-A.0



## ADDITIONAL OPTIONS & SPECIFICATIONS

### ELECTRICAL PERFORMANCE

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

### LENS

Lightweight HT (High Transmission) flexible lens. Integral on Commalite units, 93% efficient.



LENS

### HOUSING

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

### SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.  
Conforms to UL std. 1598, Luminaires  
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

### OPERATING CONDITIONS

Luminaire should be installed and operated ONLY in dry or damp 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.

### WARRANTY

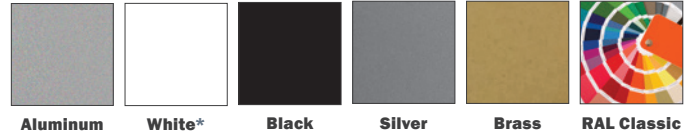
Limited 5-year warranty. Details: [alwusa.com/warranty](http://alwusa.com/warranty)

### 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 "Ultimate" 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.