

## ORDERING CODE

ANGWC1L

MVOLT

## PROJECT INFO

TYPE

DATE

QUANTITY

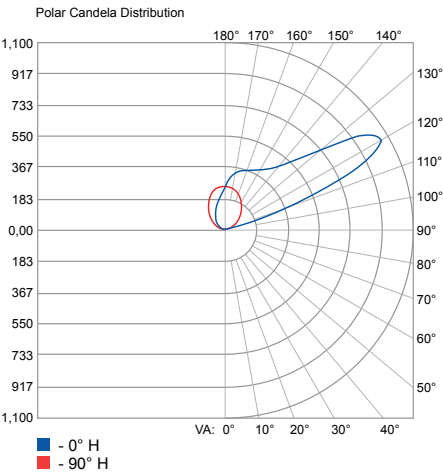
| CSH1A / CSC1A Surface Linear Wall / Ceiling Mount |                      |        |        |             |         |
|---------------------------------------------------|----------------------|--------|--------|-------------|---------|
| NOMINAL LENGTH                                    | ACTUAL LENGTH / SSY1 | SOURCE | LUMENS | INPUT WATTS | WEIGHT  |
| 2FT                                               | 27.50" / 25.88"      | AL1AN1 | 1118   | 10w         | 10 lbs. |
|                                                   |                      | AL1AH1 | 2243   | 22w         |         |
| 3FT                                               | 38.94" / 37.31"      | AL1AN1 | 1668   | 15w         | 14 lbs. |
|                                                   |                      | AL1AH1 | 3349   | 32w         |         |
| 4FT                                               | 50.31" / 48.68"      | AL1AN1 | 2332   | 20w         | 18 lbs. |
|                                                   |                      | AL1AH1 | 4443   | 41w         |         |

Example: ANGWC1L LSL 20FT MSL4 CSH1A INT AL1NA1 30K MVOLT N100 CA SGW

| ANGWC1L                                                  |                             |                  |                                             |                                                      |                                                                        |                                       |               |                                     |         |  |
|----------------------------------------------------------|-----------------------------|------------------|---------------------------------------------|------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------|---------------|-------------------------------------|---------|--|
| SERIES                                                   | LINEAR PLAN                 | TOTAL RUN LENGTH | MAX                                         |                                                      | MOUNT ACCESSORY                                                        | ENVIRONMENT                           | SOURCE        |                                     | LED CCT |  |
| ANGWC1L Asymmetric LED Linear Surface Wall/Ceiling Mount | LSL Linear Same Length      | FT               | MSL2 2FT Length                             | CSC1A Continuous Surface Mount Conduit Feed Assembly | INT Interior Location                                                  | AL1AN1 Asymmetric LED Normal Output 1 | 30K 3000K CCT |                                     |         |  |
|                                                          | LCB Linear Center Balanced  |                  | MSL3 3FT Length                             |                                                      | 35K 3500K CCT                                                          |                                       |               |                                     |         |  |
|                                                          | LLP Linear Longest Possible |                  | MSL4 4FT Length                             |                                                      | 40K 4000K CCT                                                          |                                       |               |                                     |         |  |
|                                                          |                             |                  | CSH1A Continuous Surface Mount Hub Assembly |                                                      | NT1 Natatorium Construction                                            |                                       |               | AL1AH1 Asymmetric LED High Output 1 |         |  |
| See page 2 for descriptions                              |                             |                  |                                             |                                                      | 1 Top gasketed lens assembly automatically included with WL selection. |                                       |               |                                     |         |  |

| MVOLT                        |                              |                   |                          |         |               |        |                        |
|------------------------------|------------------------------|-------------------|--------------------------|---------|---------------|--------|------------------------|
| VOLTAGE                      |                              | ELECTRICAL OPTION |                          | LENS    |               | FINISH |                        |
| MVOLT                        | Multi Volt<br>120V thru 277V | N100              | nLight Enabled<br>Module | CA      | Clear Acrylic | SGW    | Semi-Gloss White       |
|                              |                              | (blank)           | None                     | (blank) | None          | SGB    | Semi-Gloss Black       |
|                              |                              |                   |                          |         |               | ALP    | Aluminum Paint (matte) |
| For use with INT option only |                              |                   |                          |         |               |        |                        |

CLEAR LENS



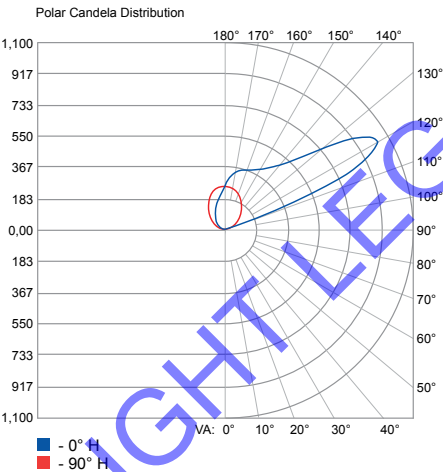
Test Report: **ISF35341 (PRORATED)**  
**IES LM 79-08**  
ANGWC1L INT 48LONG 30K HIGH (clear lens)

Lumens: **4443**  
Wattage: **41W**  
Efficacy: **108.3**  
Max. Candela: **4185**  
CRI: **81.9**

| Zonal Lumen Summary |        |             |
|---------------------|--------|-------------|
| Zone                | Lumen  | % Luminaire |
| 70-100              | 24.2   | 0.5%        |
| 90-120              | 1361.5 | 30.6%       |
| 90-180              | 4425.1 | 99.6%       |
| 0-180               | 4443   | 100.0%      |

| Angle | Candlepower Distribution |      |      |      |      |
|-------|--------------------------|------|------|------|------|
|       | Plane                    |      |      |      |      |
|       | 0                        | 45   | 90   | 135  | 180  |
| 0     | 4                        | 4    | 4    | 4    | 4    |
| 30    | 0                        | 4    | 8    | 4    | 0    |
| 60    | 0                        | 4    | 8    | 4    | 4    |
| 80    | 0                        | 8    | 12   | 4    | 0    |
| 90    | 0                        | 4    | 8    | 0    | 0    |
| 100   | 8                        | 151  | 52   | 28   | 28   |
| 105   | 171                      | 831  | 111  | 64   | 52   |
| 110   | 1602                     | 1892 | 179  | 107  | 91   |
| 115   | 3263                     | 2416 | 250  | 159  | 139  |
| 120   | 4185                     | 2086 | 322  | 207  | 183  |
| 125   | 3787                     | 1637 | 385  | 258  | 223  |
| 130   | 2941                     | 1395 | 453  | 310  | 262  |
| 135   | 2305                     | 1311 | 525  | 362  | 310  |
| 140   | 1931                     | 1296 | 588  | 409  | 358  |
| 145   | 1741                     | 1303 | 656  | 457  | 405  |
| 150   | 1617                     | 1323 | 735  | 513  | 457  |
| 160   | 1474                     | 1331 | 874  | 660  | 596  |
| 170   | 1347                     | 1248 | 970  | 819  | 771  |
| 180   | 1029                     | 1029 | 1029 | 1029 | 1029 |

WET LOCATION



Test Report: **ISF35340 (PRORATED)**  
**IES LM 79-08**  
ANGWC1L WL 48LONG 30K HIGH (wet location)

Lumens: **4359**  
Wattage: **41W**  
Efficacy: **106.3**  
Max. Candela: **4109**  
CRI: **81.9**

| Zonal Lumen Summary |        |             |
|---------------------|--------|-------------|
| Zone                | Lumen  | % Luminaire |
| 70-100              | 24.2   | 0.6%        |
| 90-120              | 1256.4 | 28.8%       |
| 90-180              | 4340.7 | 99.6%       |
| 0-180               | 4359   | 100.0%      |

| Angle | Candlepower Distribution |      |      |      |      |
|-------|--------------------------|------|------|------|------|
|       | Plane                    |      |      |      |      |
|       | 0                        | 45   | 90   | 135  | 180  |
| 0     | 4                        | 4    | 4    | 4    | 4    |
| 30    | 0                        | 4    | 8    | 4    | 0    |
| 60    | 0                        | 8    | 8    | 4    | 0    |
| 80    | 0                        | 8    | 8    | 4    | 0    |
| 90    | 0                        | 4    | 8    | 4    | 0    |
| 100   | 4                        | 16   | 52   | 48   | 44   |
| 105   | 20                       | 707  | 107  | 83   | 75   |
| 110   | 644                      | 1804 | 183  | 131  | 119  |
| 115   | 3199                     | 2301 | 254  | 175  | 163  |
| 120   | 4109                     | 2023 | 322  | 226  | 211  |
| 125   | 3751                     | 1589 | 389  | 278  | 246  |
| 130   | 2917                     | 1387 | 461  | 326  | 290  |
| 135   | 2293                     | 1315 | 528  | 377  | 334  |
| 140   | 1963                     | 1291 | 596  | 425  | 385  |
| 145   | 1756                     | 1299 | 668  | 473  | 429  |
| 150   | 1621                     | 1319 | 735  | 532  | 477  |
| 160   | 1486                     | 1339 | 882  | 676  | 612  |
| 170   | 1363                     | 1256 | 981  | 834  | 795  |
| 180   | 1041                     | 1041 | 1041 | 1041 | 1041 |

IES data is available at [www.alights.com](http://www.alights.com). Always refer to our website for the latest IES files updates.

LINEAR PLAN

A.light offers the ability to provide a continuous run plan to suit your requirements by optionally offering three methods of configuration.

LSL LINEAR SAME LENGTH:

In this configuration each segment is the same length is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 40FT row would be achieved with (10) 4FT long segments equaling 40FT (nominal).

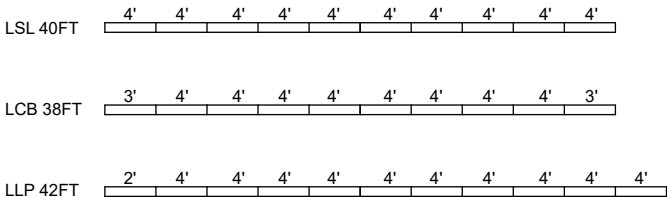
LCB LINEAR CENTER BALANCED:

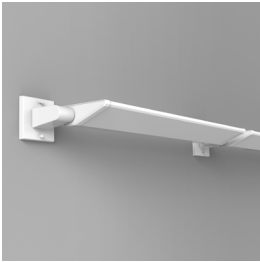
This configuration incorporates the longest center segment(s) along with any additional lengths required to fill located at each end. Example: 38FT row would have (2) 3FT segments (one at each end) and (8) 4FT intermediate

segments located in between.

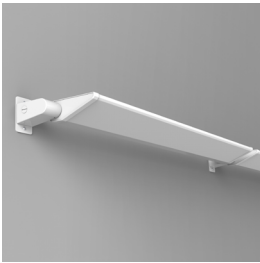
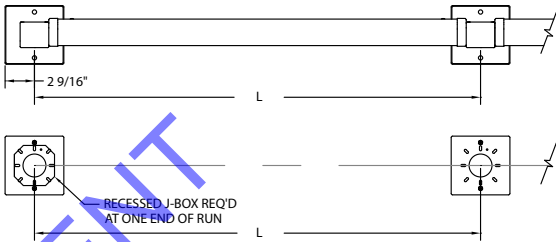
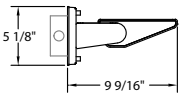
LLP LINEAR LONGEST POSSIBLE:

In this plan the longest length available is optimized resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 42FT row would have (10) 4FT segments and (1) 2FT segment located at one end.

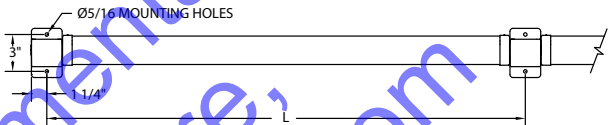
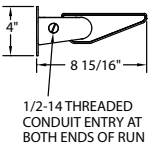




| CSH1A<br>Continuous Surface<br>Mount Hub |
|------------------------------------------|
| Length Chart                             |
| 2FT = 27.5"                              |
| 3FT = 38.94"                             |
| 4FT = 50.31"                             |



| CSC1A<br>Continuous Surface<br>Mount Conduit Feed |
|---------------------------------------------------|
| Length Chart                                      |
| 2FT = 27.5"                                       |
| 3FT = 38.94"                                      |
| 4FT = 50.31"                                      |



## CONSTRUCTION

Extruded aluminum housing, optional clear acrylic lens, die-cast end caps with stainless steel hardware.

## SOURCE

LED lumen packages provide high performance asymmetric distribution in 3000K, 3500K or 4000K color temperature options. Components are designed to be serviceable and replaceable.

L80 >60,000 hours at 25°C ambient temperature.

## OPTICS

Advanced asymmetric optical system optimized for LED source and arrayed for specific lumen output and distribution.

## FINISH

6 stage pre-treated polyester powder coat painted finish. All hardware is stainless steel.

## ELECTRICAL

LED light engine consists of modular LED boards and 0-10V dimming driver rated for 50,000 hours at 25°C ambient temperature, wattage is dependent on luminaire output. eldoLED solodrive power supply integrally mounted. Boards and drivers are modular for replacement or service. Compatible with the following Acuity Controls: nLight nPS 80 EZ and LC&D MicroPanel.

## CONTROLS

Optional intelligence allows for constant lumen management and facilitates simple networking and control via CAT-5e cable. nLight components are provided as accessories for remote field installation.

## ENVIRONMENT

UL and cUL listed for interior dry or wet location use; optional natatorium construction (NT). Ambient operating temperature -20°C to 35°C.

## A+ CAPABLE LUMINAIRE

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background\*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

## WARRANTY

Limited defect-free, manufactured equipment warranty provided under normal use and proper storage for a period of one (1) year. LED products (LED boards and drivers) will be covered for a period of five (5) years. Wet location fixtures are not recommended for extreme wet weather conditions and must be installed according to factory drawings; there is a modified warranty for LED components installed in applications not in accordance with factory recommendations/drawings. Please refer to full terms and conditions on our website.