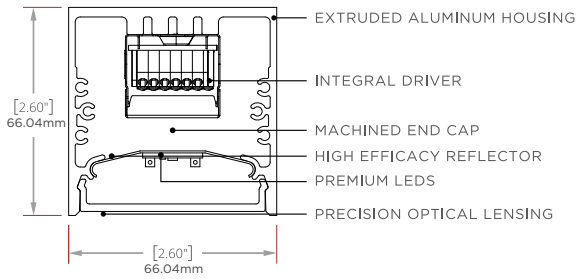


| DATE | PROJECT | FIRM | TYPE |
|------|---------|------|------|
|------|---------|------|------|



**Tuned for Day**  
**MAXBLUE** provides  
focus and alertness  
all day

**Tuned for Night**  
**ZEROBLUE** biological  
night and usable  
white light



Nitrogen 2 is tuned for humans with integrated Circadian Blue technology. It provides the right blue light at the right time for health and well-being. Maintaining the clean simplicity and balanced proportions of the entire Nitrogen series, this housing offers greater versatility and efficacy.

#### FEATURES:

- C.1 Dimming standard
- Adjustable aircraft cable suspension system
- Extruded aluminum housing with no visible fasteners
- Machined aluminum end caps with easy access removal
- 360-degree rotation option with mechanical locking

NOTE: All Italicized options may increase lead time. Please consult factory with questions.

| FIXTURE MODEL   | MOUNTING   | NOMINAL LENGTH (FT)  | CCT/CRI | DIRECT POWER LEVEL <sup>1</sup>                              | DIRECT BEAM DISTRIBUTION <sup>1</sup> | DRIVER          | CABLE LENGTH   | HOUSING FINISH   |
|---|--|--|---------|--|---------------------------------------|-----------------|----------------|--|
| N2 Nitrogen 2   | <b>CSD</b> Cable Suspended Direct Only<br><b>CSI</b> Cable Suspended Indirect<br><b>CSR</b> Cable Suspended Rotational | 2<br>3<br>4<br>5<br>6<br>7<br>8<br><i>CP<sup>4,3</sup> Custom Pattern</i><br><i>CR<sup>1,2</sup> Continuous Run (Specify Length in Nominal Feet)</i> | CIR     | VL Very low<br>L Low<br>S Standard<br>H High<br>VH Very High | F Flood                               | DALI <i>DT8</i> | 4' 4"<br>8' 8" | <b>SC</b> Satin Clear Anodize<br><b>SW</b> Satin White Powder Coat<br><b>MB</b> Matte Black Powder Coat<br><i>CF Custom Finish (Consult Factory)</i> |
| <sup>1</sup> Power Feed is always at the first section in a continuous run.<br><sup>2</sup> Rotational mounting w/CR will have a power feed for every section.<br><sup>3</sup> See final page for CP specifications guide.<br><sup>4</sup> Finish must be powdercoated. |  |  |         |  |                                       |                 |                |  |

| END CAPS FINISH <sup>1</sup>  | CANOPY SIZE   | CANOPY FINISH  |
|---|---|--|
| <b>MF</b> Machined Finish<br><b>SW</b> Satin White<br><b>MB</b> Matte Black<br><i><b>CF</b> Custom Finish (Consult Factory)</i> | <b>44</b> 4" Power feed canopy<br>4" Non-power feed canopy<br><b>44E</b> 4" Power feed canopy<br>4" Non-power feed canopy - International<br><b>40</b> 4" Power feed canopy<br>Canopy only at power feed<br><b>40E</b> 4" Power feed canopy<br>Canopy only at power feed - International<br><b>41</b> 4" Power feed canopy<br>1" Non-power feed canopy<br><b>41E</b> 4" Power feed canopy<br>1" Non-power feed canopy - International | <b>MF</b> Machine Finish<br><b>SW</b> Satin White<br><b>MB</b> Matte Black<br><i><b>CF</b> Custom Finish (Consult Factory)</i> |
| <sup>1</sup> CSR rotational hardware finish matches end cap finish selection  |   |  |

#### ZEROBLUE FLOOD DIRECT

| POWER LEVELS | LIGHT DIRECT LM/4FT | TOTAL LIGHT LM/4FT | ENERGY WATTS /4FT | EFFICACY LPW | CCT/CRI |
|--------------|---------------------|--------------------|-------------------|--------------|---------|
| VL           | 702                 | 702                | 16                | 46           | 2700/81 |
| L            | 1082                | 1082               | 24                | 46           | 2700/81 |
| S            | 1440                | 1440               | 32                | 46           | 2700/81 |
| H            | 1760                | 1760               | 40                | 45           | 2700/81 |
| VH           | 2025                | 2025               | 48                | 43           | 2700/81 |

#### MAXBLUE FLOOD DIRECT

| POWER LEVELS | LIGHT DIRECT LM/4FT | TOTAL LIGHT LM/4FT | ENERGY WATTS /4FT | EFFICACY LPW | CCT/CRI |
|--------------|---------------------|--------------------|-------------------|--------------|---------|
| VL           | 1637                | 1637               | 16                | 91           | 4200/85 |
| L            | 2373                | 2373               | 24                | 90           | 4200/85 |
| S            | 3079                | 3079               | 32                | 89           | 4200/85 |
| H            | 3726                | 3726               | 40                | 86           | 4200/85 |
| VH           | 4229                | 4229               | 48                | 84           | 4200/85 |

#### GENERAL NOTES:

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. INTEGRAL DRIVER for all options. Please contact the factory with any specification questions.



#### FIXTURE ORIENTATION

Direct (CSD) for downlight applications  
Indirect (CSI) for up light applications  
Rotational (CSR) for adjustable applications: 360 degree rotational capacity with locking mechanism.

|      |         |      |      |
|------|---------|------|------|
| DATE | PROJECT | FIRM | TYPE |
|------|---------|------|------|

Diagram labels: EXTRUDED ALUMINUM HOUSING, INTEGRAL DRIVER, MACHINED END CAP, HIGH EFFICACY REFLECTOR, PREMIUM LEDS, PRECISION OPTICAL LENSING.

Dimensions: [2.60"] 66.04mm (height), [2.60"] 66.04mm (width).

**FEATURES:**

- 3/4" diameter rigid tube mounting system
- Precision optical lensing options or high transmission frosted lensing
- 0.1% dimming standard
- Extruded aluminum housing with no visible fasteners
- Machined aluminum end caps with easy access removal
- 360-degree rotation option with mechanical locking

NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

| FIXTURE MODEL | MOUNTING   | NOMINAL LENGTH (FT)   | CCT/CRI    | DIRECT POWER LEVEL  | DIRECT BEAM DISTRIBUTION | DRIVER          | HOUSING FINISH   |
|---------------|--|---|------------|---|--------------------------|-----------------|--|
| N2 Nitrogen 2 | <b>RAM</b> Rotational Arm Mount<br><i>RAIME Rotational Arm Mount - International</i> | 2<br>3<br>4<br>5<br>6<br>7<br>8<br><b>CR<sup>1,2</sup></b> Continuous Run (Specify Length in Nominal Feet)<br><small>1. Power feed is always at the first section in a continuous run<br/>2. Rotational mounting w/ CR will have a power feed for every section</small> | <b>CIR</b> | <b>VL</b> Very low<br><b>L</b> Low<br><b>S</b> Standard<br><b>H</b> High<br><b>VH</b> Very High | <b>F</b> Flood           | <b>DALI</b> DT8 | <b>SC</b> Satin Clear Anodize<br><b>SW</b> Satin White Powder Coat<br><b>MB</b> Matte Black Powder Coat<br><b>CF</b> Custom Finish (Consult Factory) |

| END CAPS & RAM HARDWARE FINISH   | ARM LENGTH NOM (IN)   | MOUNTING PLATE |
|--|---|----------------|
| <b>MF</b> Machined Finish<br><b>SW</b> Satin White<br><b>MB</b> Matte Black<br><i>CF Custom Finish (Consult Factory)</i> | 3<br>6'<br>9'<br>12'<br><br><small>1. Includes Mounting Tieback</small> | <b>4CPF</b>    |

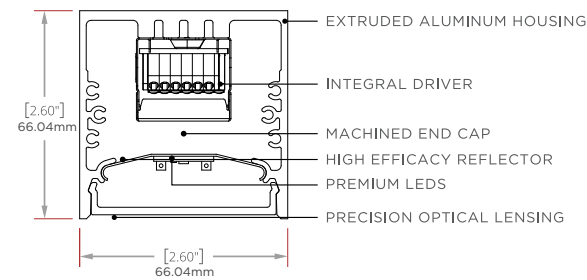
Labels: 3-O MUD RING (BY OTHERS), JUNCTION BOX (BY OTHERS), TIEBACK REQUIRED ON SOME ARM LENGTHS ONLY, 3/4" DIAMETER RIGID ARM, MOUNTING PLATE, PRECISION MACHINED MAGNETIC COVER PLATE, PRECISION MACHINED KNUCKLE - ALLOWS FOR 360 DEGREES OF ROTATION.

ROTATIONAL ARM MOUNT INFORMATION

**GENERAL NOTES:**

All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. INTEGRAL DRIVER for all options. Please contact the factory with any specification questions.

Table with 4 columns: DATE, PROJECT, FIRM, TYPE



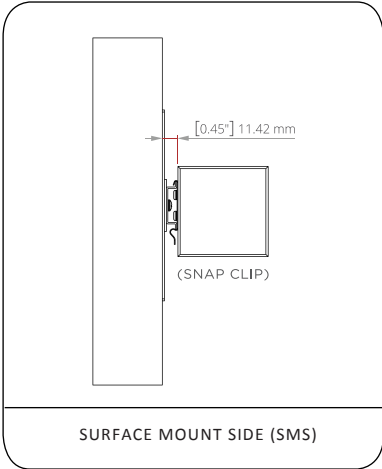
- FEATURES:
- Wall mounting system
  - Precision optical lensing options or high transmission frosted lensing
  - 1% Dimming Drivers standard
  - Pre-located fixture hardware for easy surface install
  - Extruded aluminum housing with no visible fasteners
  - Machined aluminum end caps with easy access removal



NOTE: ALL ITALICIZED OPTIONS MAY INCREASE LEAD TIME. PLEASE CONSULT FACTORY WITH QUESTIONS.

Table with 8 columns: FIXTURE MODEL, MOUNTING, NOMINAL LENGTH (FT), CCT/CRI, DIRECT POWER LEVEL, DIRECT BEAM DISTRIBUTION, DRIVER, HOUSING FINISH. Includes options for N2 Nitrogen 2, mounting types (SMS, SMSE), lengths (2-8 ft, CR), CCT/CRI (827-950, TW2765, WD1827, RGBW), power levels (VL, L, S, H, VH), beam distributions (F), drivers (DALI, DT8), and housing finishes (SC, SW, MB, CF).

Table with 2 columns: END CAPS FINISH, OPTIONS. Includes options for Machined Finish (MF), Satin White (SW), Matte Black (MB), Custom Finish (CF), and various sensor options (EMB7, EMB12, EMW, WSN, WSE, WSW, WSL).



GENERAL NOTES: All fixtures are UL listed for dry and damp locations. Fixtures with International (E) option designation are CE and ROHS compliant. INTEGRAL DRIVER for all options. Please contact the factory with any specification questions.



| DATE | PROJECT | FIRM | TYPE |
|------|---------|------|------|
|------|---------|------|------|

| Nitrogen 2 Circadian |        |        |        |        |        |        |        |        |        |        |        |         |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 4W/FT                | CCT    | 2700   | 2850   | 3000   | 3150   | 3300   | 3450   | 3600   | 3750   | 3900   | 4050   | 4200    |
|                      | Max Cd | 64.26  | 69.55  | 74.74  | 80.35  | 87.80  | 95.90  | 104.00 | 114.70 | 124.63 | 135.97 | 149.84  |
|                      | Lumens | 175.50 | 189.96 | 204.12 | 219.45 | 239.81 | 261.93 | 284.05 | 313.25 | 340.39 | 371.36 | 409.23  |
|                      | Watts  | 3.83   | 3.88   | 3.90   | 3.93   | 3.98   | 4.05   | 4.10   | 4.18   | 4.25   | 4.33   | 4.50    |
|                      | L/W    | 45.88  | 49.02  | 52.34  | 55.91  | 60.33  | 64.67  | 69.28  | 75.03  | 80.09  | 85.86  | 90.99   |
| 6W/FT                | CCT    | 2700   | 2850   | 3000   | 3150   | 3300   | 3450   | 3600   | 3750   | 3900   | 4050   | 4200    |
|                      | Max Cd | 98.06  | 105.41 | 113.40 | 122.26 | 132.19 | 142.88 | 154.55 | 168.05 | 184.68 | 200.12 | 216.96  |
|                      | Lumens | 268.13 | 288.21 | 310.06 | 334.28 | 361.44 | 390.68 | 422.57 | 459.48 | 504.96 | 547.19 | 593.22  |
|                      | Watts  | 5.78   | 5.78   | 5.83   | 5.83   | 5.88   | 5.88   | 5.93   | 6.00   | 6.18   | 6.33   | 6.58    |
|                      | L/W    | 46.43  | 49.91  | 53.23  | 57.39  | 61.52  | 66.50  | 71.32  | 76.58  | 81.77  | 86.51  | 90.22   |
| 8W/FT                | CCT    | 2700   | 2850   | 3000   | 3150   | 3300   | 3450   | 3600   | 3750   | 3900   | 4050   | 4200    |
|                      | Max Cd | 131.98 | 142.56 | 153.14 | 165.13 | 178.20 | 191.81 | 207.90 | 225.18 | 244.30 | 262.76 | 281.43  |
|                      | Lumens | 360.95 | 389.89 | 418.84 | 451.63 | 487.37 | 524.58 | 568.59 | 615.85 | 668.13 | 718.64 | 769.68  |
|                      | Watts  | 7.90   | 7.90   | 7.93   | 7.95   | 7.93   | 7.93   | 7.98   | 8.05   | 5.98   | 8.40   | 8.65    |
|                      | L/W    | 45.69  | 49.35  | 52.85  | 56.81  | 61.50  | 66.19  | 71.30  | 76.50  | 111.82 | 85.55  | 88.98   |
| 10W/FT               | CCT    | 2700   | 2850   | 3000   | 3150   | 3300   | 3450   | 3600   | 3750   | 3900   | 4050   | 4200    |
|                      | Max Cd | 161.14 | 174.64 | 188.14 | 201.42 | 217.62 | 234.58 | 253.15 | 273.35 | 293.65 | 316.44 | 340.44  |
|                      | Lumens | 440.88 | 477.82 | 514.76 | 551.10 | 595.43 | 641.82 | 692.65 | 747.90 | 803.46 | 865.81 | 931.47  |
|                      | Watts  | 9.85   | 9.85   | 9.85   | 9.85   | 9.83   | 9.80   | 9.85   | 9.93   | 10.05  | 10.35  | 10.76   |
|                      | L/W    | 44.76  | 48.51  | 52.26  | 55.95  | 60.60  | 65.49  | 70.32  | 75.36  | 79.95  | 83.65  | 86.57   |
| 12W/FT               | CCT    | 2700   | 2850   | 3000   | 3150   | 3300   | 3450   | 3600   | 3750   | 3900   | 4050   | 4200    |
|                      | Max Cd | 185.76 | 200.66 | 216.65 | 231.77 | 250.24 | 270.22 | 291.49 | 312.12 | 336.64 | 360.07 | 385.98  |
|                      | Lumens | 508.82 | 549.64 | 593.42 | 634.84 | 685.42 | 740.15 | 798.43 | 854.93 | 922.08 | 986.28 | 1057.24 |
|                      | Watts  | 11.60  | 11.55  | 11.55  | 11.50  | 11.45  | 11.48  | 11.50  | 11.58  | 11.75  | 12.08  | 12.56   |
|                      | L/W    | 43.86  | 47.59  | 51.38  | 55.20  | 59.86  | 64.50  | 69.43  | 73.86  | 78.48  | 81.68  | 84.21   |

| DATE | PROJECT | FIRM | TYPE |
|------|---------|------|------|
|------|---------|------|------|

MOUNTING



CABLE SUSPENDED DIRECT (CSD)  
CABLE SUSPENDED INDIRECT (CSI)

This fixture can be a static down-light: Direct (CSD) or static up-light: Indirect (CSI). Aircraft cables come in 4ft and 8ft lengths and are field adjustable.



SURFACE MOUNT SIDE (SMS)

Surface Mount Side (SMS): the fixture is mounted on the wall & gives a static down-light.



CABLE SUSPENDED - ROTATIONAL (CSR)

Using a similar setup to the Cable Suspended system above, the Cable Suspended - Rotational system has 360 degree rotational capacity with mechanical fasteners to lock fixtures in place if desired. This system offers incredible flexibility, light direction control, and a dynamic aesthetic.



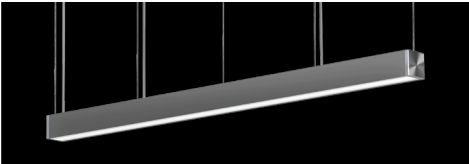
ROTATIONAL ARM MOUNT (RAM)

This system uses 5/8" diameter aluminum arms and subtle details in combination with a 360 degree rotational capacity to create some of the most versatile linear fixtures in the architectural market. Standard mounting uses 3/O mud rings (supplied by others). Engineered with no visible fasteners, smooth rotation, and mechanical locking, the RAM system reveals an impressive aesthetic with exceptional versatility.

CONTINUOUS RUN (CR)

This fixture has two continuous run connection options. Our single seam continuous run option offers smooth transitions from one section to the next. The joiner bracket and alignment pin system in this option, offers easy to use, confident, single seam connections with a tight fit.

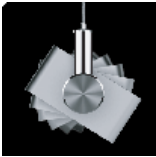
Alternatively, our 360 degree rotational option enables individual sections to rotate independently of each other, which offers adjustable asymmetric light distribution capacity along with striking appearances such as alternating up/down fixtures or spiral transitions. The flexibility within the rotational option makes for infinite design and functional possibilities.



FIXTURE WITH SINGLE SEAM CONTINUOUS RUN



CONTINUOUS RUN ROTATIONAL



CONTINUOUS RUN ROTATIONAL  
(SPIRAL EFFECT)



CONTINUOUS RUN  
SINGLE SEAM



FIXTURE WITH CONTINUOUS RUN ROTATIONAL

CANOPIES

44



4" diameter power feed and 4" diameter non-power feed canopy.

40



4" diameter machined power feed canopy and no canopy on the non-power feed side. Minimal aesthetic. Requires a 1/4-20 stud securely attached to the ceiling.

41



4" diameter machined power feed and 1-1/4" diameter machined non-power feed canopy. Offers minimal ceiling treatment while maintaining the ability to cover mistakes. Requires a 1/4-20 stud securely fastened to the ceiling.

44E, 41E, 40E  
(\*\*E) International Canopy



INTL POWERFEED  
CANOPY FOR INTEGRAL  
DRIVER FIXTURES

This canopy replaces the flat style canopy from the North American mounting style (44, 41, & 40) versions pictured)

| DATE | PROJECT | FIRM | TYPE |
|------|---------|------|------|
|------|---------|------|------|

COLOR AND FINISH

Standard luminaire housing finishes are Satin Clear anodized, Matte Black powder coat , and Satin White powder coat. Standard hardware (end caps, knuckles, cover plates, etc.) finishes are Machined Finish, Matte Black powder coat, & Satin White powder coat. Custom anodizing and powder coated finishes are available as well. If you have a particular color/finish treatment in mind, please contact the factory and we will do our best to accommodate your project needs.

**LUMINAIRE**



SATIN CLEAR  
ANODIZING



RAL  
9005  
MATTE  
BLACK



RAL  
9003  
SATIN  
WHITE

**HARDWARE**



MACHINED  
COMPONENTS



RAL  
9005  
MATTE  
BLACK



RAL  
9003  
SATIN  
WHITE

**CUSTOM**



BRONZE



COLOR ANODIZE



SPECULAR



RAL COLORS

SENSORS

Optional fixture integrated sensors and controls offer wireless control system compatibility directly from the factory. Lumium luminaries are now available with integrated control gear from 4 major partners.









NOTE: Information on this Spec Sheet is subject to change, please visit [www.ecosenselighting.com](http://www.ecosenselighting.com) for the most updated information.

Table with 4 columns: DATE, PROJECT, FIRM, TYPE

WELDED CORNERS

- Luminaire housing is custom mitered & welded for a clean corner appearance
- Lens is also mitered for lens-to-lens interfaces that mirror the mitered housing
- Lens is illuminated to the corner (AKA: lit corners)
- Adjustable aircraft cable suspension system
- High quality powder coated finish (anodized finishes not available with welded custom patterns).

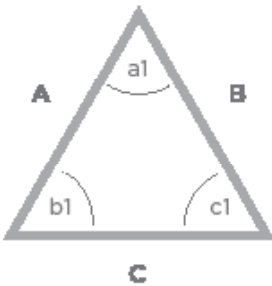
CUSTOMER INSTRUCTIONS

- A. Select "CP" option in the ordering block (found in the NOMINAL LENGTH column)
- B. Submit simple drawing(s) with the following info:
- Provide number of legs of pattern
  - Length of each leg (A, B, C, D, etc)
  - Angles of corners (a1, b1, c1, d1, etc)
1. For '3 dimensional' patterns, please provide side view(s) with desired angles, in addition to a top view.
2. Minimum corner angle is 30 degrees.

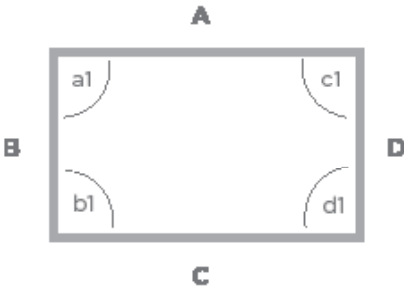


NITROGEN 3 CUSTOM PATTERN PICTURED

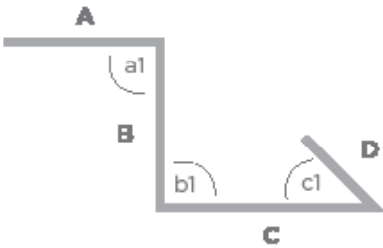
EXAMPLES:



- Customer Specification
- 1. Qty Legs = 3
  - 2. A, B, C = 3ft
  - 3. a1, b1, c1 = 60 deg



- Customer Specification
- 1. Qty Legs = 4
  - 2. A & C = 8ft, B & D = 4ft
  - 3. a1, b1, c1, d1 = 90 deg



- Customer Specification
- 1. Qty Legs = 4
  - 2. A = 8ft, B = 6ft, C = 6ft, D = 4ft-3in
  - 3. a1 & b1 = 90 deg, c1 = 45 deg