



PRODUCT FEATURES

COMPACT FIXTURE HOUSING

Width: 3.0" Height: 4.5"

INDIRECT ILLUMINATION

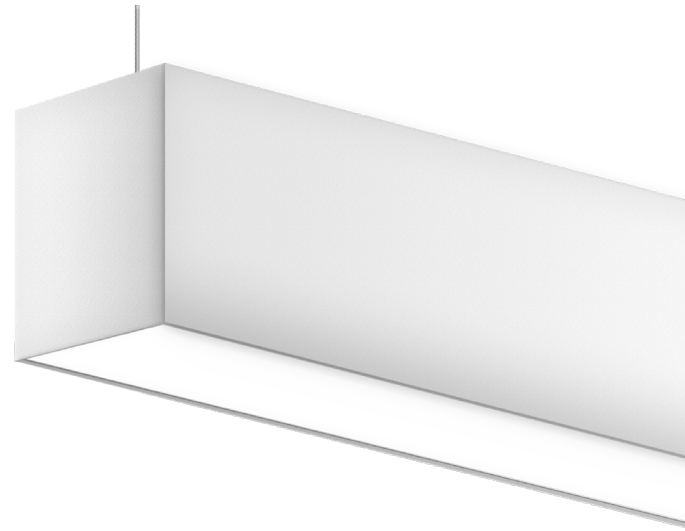
In-Direct Illumination Across a Ceiling Allows for Wider Spacing Between Fixtures

ONE-PIECE EXTRUDED ALUMINUM HOUSING

One-Piece Extruded Aluminum Housing Ensures Straighter Rows and Consistent Lens Retention

0-10 VOLT DIMMING TO 1% STANDARD

94-112 LUMENS PER WATT



ORDERING GUIDE EX: 3R - 08 - HU - LD - 35 - T1 - WH

| SERIES | LENGTH | UPPER OUTPUT | LOWER OUTPUT | CCT | MOUNTING | FINISH |
|-------------|---|----------------------|----------------------|-----------------|---------------------------|-----------------|
| 3SID | XX FT 4" INCREMENTS MAX 72" EX: 4' = 04 | HU 1000 LM/FT | HD 1000 LM/FT | 30 3000K | T1 1" T GRID | WH |
| | | MU 750 LM/FT | MD 750 LM/FT | 35 3500K | T9 9/16" T GRID | WH WHITE |
| | | LU 500 LM/FT | LD 500 LM/FT | 40 4000K | SC SCREW SLOT GRID | |
| | | | | | HC HARD CEILING | |

ACCESSORIES

ADDITIONAL FEED CORD KIT
UP TO 72" MOUNTING DISTANCE FROM CEILING
INCLUDES CEILING COVER PLATE & FEED CORD

OPERATION

Light Engine:

The 3SID is available in 3000K, 3500K & 4000K CCT all within a 2.5-Step MacAdam Ellipse and has a standard CRI of 80+.

Optics:

The back lit extruded acrylic lens ensures high efficiency light output, in a minimal form factor for a clean, evenly illuminated lower surface with minimal glare.

Electrical:

Class 2 programmable (factory pre-set) premium power supply, 120-277VAC input. Power factor >0.9. THD <15%. Integral Surge Protection to 2KV.

Dimming:

The 3SID comes standard with 0-10V dimming down to 1%.

GENERAL

Warranty:

Ten (10) Year limited warranty from date of shipment

Lumen Maintenance:

Rated for 85% initial lumen output at 50,000 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

Certification

All Luminaires are UL and cUL Listed, approved for Dry/Damp locations

Made in the USA

All ALL Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

Shipping

2-Week lead time for orders up to 1000 Linear Feet

MECHANICAL

Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing with die-formed steel internal components for strength, alignment and mounting attachment.

Alignment/Assembly:

The alignment system employs a six-point alignment and attachment method, designed to create straighter rows and minimize seams between sections (field assembled). Four alignment pins ensure the outer extruded aluminum rails are aligned, while two draw-screws secure housing-to-housing attachment.

Lengths:

The 3SID is available in a minimum 4-foot (nominal) length with additional 4-foot increments available. Longer fixture rows are available and will be configured per ALL factory specifications; typical rows are configured with 4-foot & 8-foot fixtures.

Mounting Method/Hardware:

Standard hanging hardware includes 1/16" diameter, galvanized steel aircraft cable with adjustable and lockable nickel-plated cable grippers and a white 18/5 S.O. power cord. The standard hardware includes a 60" power cord and 54" aircraft cables to accommodate a 48" mounting distance from the ceiling. Ceiling canopy provided. All suspension hardware is tested and listed to UL1598 requirements for loading/fixture support.

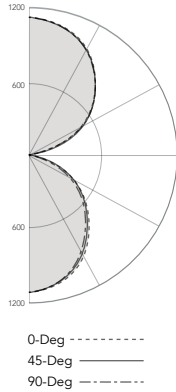
Exterior Finish:

The 3SID is available in White polyester powder coat finish to ensure durability.

PHOTOMETRICS

3SID-04-MU-MD-30

Total Lumens: 5,983
 Ratio: 50% Up and 50% Down
 Wattage: 55.9
 Efficacy: 107.0 (Lumens Per Watt)
 Fixture Length: Four Feet



ZONAL LUMEN SUMMARY

| Zone | Lumens | % Fixt |
|----------|--------|--------|
| 0 - 30 | 855 | 14.3 |
| 0 - 40 | 1371 | 22.9 |
| 0 - 60 | 2336 | 39.0 |
| 0 - 90 | 2904 | 48.5 |
| 90 - 120 | 504 | 8.4 |
| 90 - 130 | 1035 | 17.3 |
| 90 - 150 | 2203 | 36.8 |
| 90 - 180 | 3079 | 51.5 |
| 0 - 180 | 5983 | 100.0 |

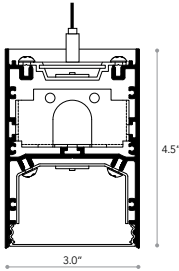
ENERGY CONSUMPTION WATTS PER LINEAR FOOT

| | HU-HD | HU-MD | HU-LD |
|---------------------------|----------------|----------------|----------------|
| WATTS/FT | 18.60 | 15.87 | 13.27 |
| LUMENS/FT: OVERALL | 1935.75 | 1729.25 | 1498.75 |
| LUMENS/FT: UPPER | 998 | 1003 | 1006 |
| LUMENS/FT: LOWER | 937 | 726 | 492 |
| LUMENS/W | 104.10 | 108.90 | 112.90 |

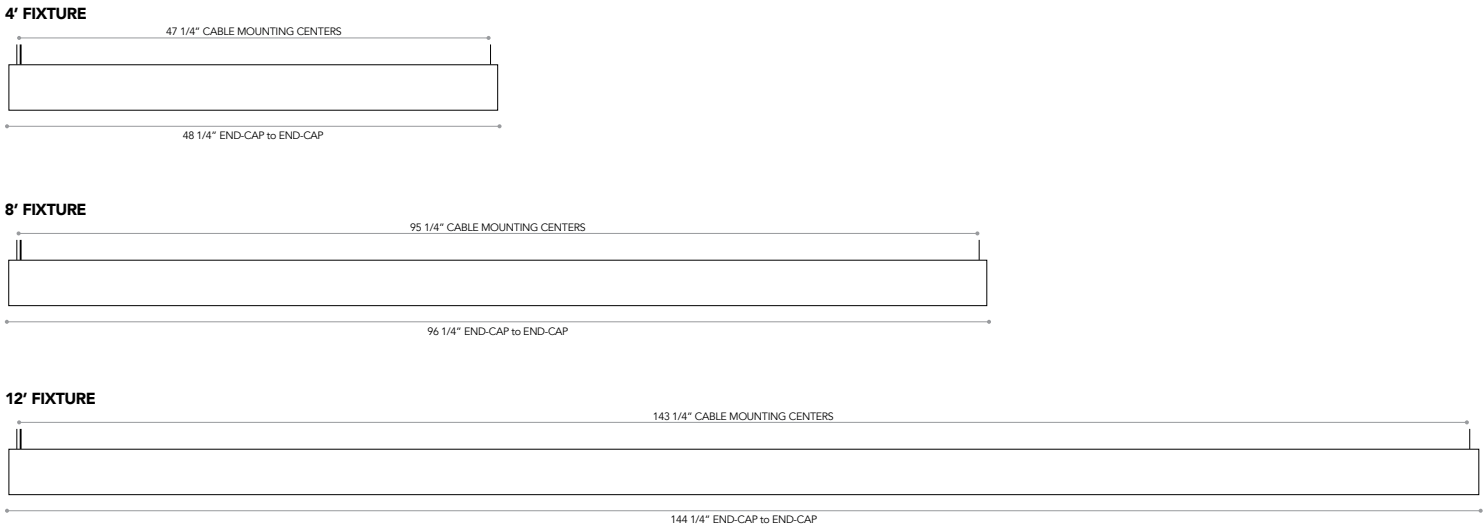
| | MU-HD | MU-MD | MU-LD |
|---------------------------|----------------|----------------|----------------|
| WATTS/FT | 16.70 | 13.97 | 11.40 |
| LUMENS/FT: OVERALL | 1703.50 | 1495.75 | 1260.75 |
| LUMENS/FT: UPPER | 766 | 769 | 768 |
| LUMENS/FT: LOWER | 937 | 770 | 492 |
| LUMENS/W | 102.00 | 107.00 | 110.60 |

| | LU-HD | LU-MD | LU-LD |
|---------------------------|----------------|----------------|----------------|
| WATTS/FT | 14.90 | 12.15 | 9.60 |
| LUMENS/FT: OVERALL | 1466.25 | 1252.75 | 1019.00 |
| LUMENS/FT: UPPER | 525 | 525 | 527 |
| LUMENS/FT: LOWER | 942 | 726 | 492 |
| LUMENS/W | 98.40 | 94.30 | 106.40 |

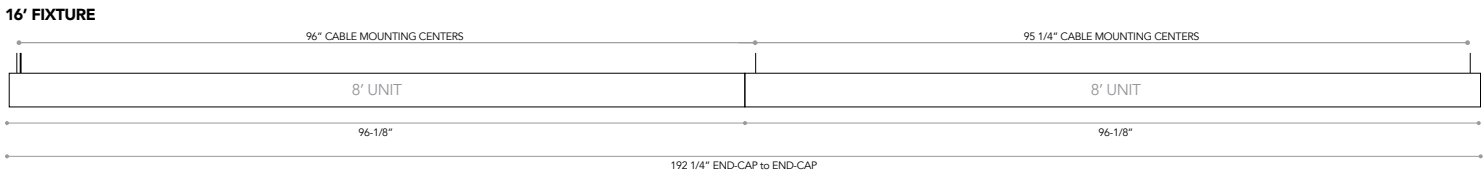
MOUNTING DETAILS



FIXTURE ROW LAYOUT: SINGLE UNIT 4' - 8' - 12'

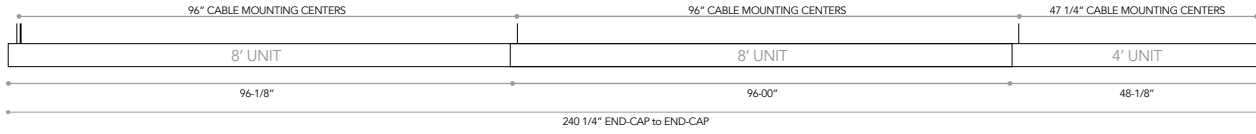


FIXTURE ROW LAYOUT: TWO UNITS 16'

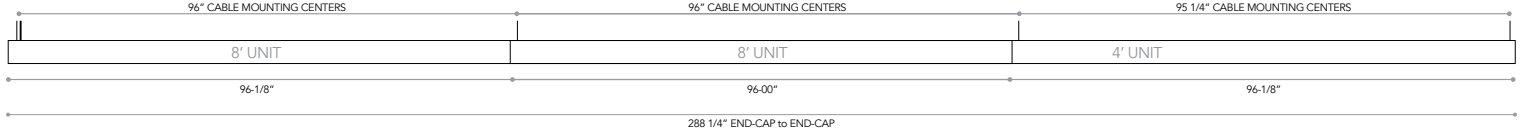


FIXTURE ROW LAYOUT: THREE UNITS 20' - 24'

20' FIXTURE



24' FIXTURE



FIXTURE ROW COMPONENTS

| ROW LENGTH | 4' - UNIT | 8' - UNIT | 12' - UNIT | JOIN KITS | END-CAP TO END-CAP |
|------------|-----------|-----------|------------|-----------|--------------------|
| 4' | 1 | - | - | - | 48-1/4" |
| 8' | - | 1 | - | - | 96-1/4" |
| 12' | - | - | 1 | - | 144-1/4" |
| 16' | - | 2 | - | 1 | 192-1/4" |
| 20' | 1 | 2 | - | 2 | 240-1/4" |
| 24' | - | 3 | - | 2 | 288-1/4" |
| 28' | 1 | 3 | - | 3 | 336-1/4" |
| 32' | - | 4 | - | 3 | 384-1/4" |
| 36' | 1 | 4 | - | 4 | 432-1/4" |
| 40' | - | 5 | - | 4 | 480-1/4" |
| 44' | 1 | 5 | - | 5 | 528-1/4" |
| 48' | - | 6 | - | 5 | 576-1/4" |
| 52' | 1 | 6 | - | 6 | 624-1/4" |
| 56' | - | 7 | - | 6 | 672-1/4" |
| 60' | 1 | 7 | - | 7 | 720-1/4" |
| 64' | - | 8 | - | 7 | 768-1/4" |
| 68' | 1 | 8 | - | 8 | 816-1/4" |
| 72' | - | 9 | - | 8 | 864-1/4" |

Note 1
Suspended Mount Fixtures have Cable Mounting Holes 1/2" from End-Cap