



DATE

PROJECT

COMMENTS

PRODUCT FEATURES

FIXTURE HOUSING

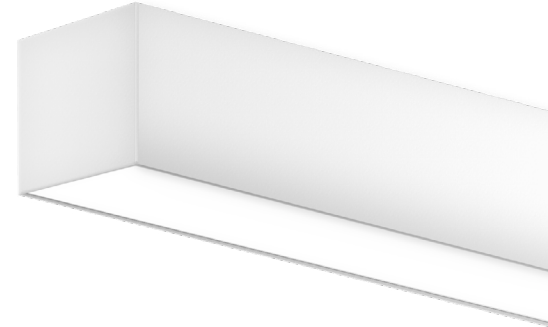
Width: 3" Height: 3.5"

ONE-PIECE EXTRUDED ALUMINUM HOUSING

Housing Ensures Straighter Rows and Consistent Lens Retention

120/277VAC 0-10 VOLT DIMMING TO 1% STANDARD

UP TO 133 LUMENS PER WATT



ORDERING GUIDE EX: 3C - 04 - MD - 30 - UNV - WH - EM[1]

| SERIES | LENGTH | OUTPUT | CCT | VOLTAGE | FINISH |
|-----------|--|---|---|---|-------------------------------------|
| 3C | XX FEET 2' INCREMENTS OVERALL FIXTURE LENGTH EX: 20' = 20 | HD 1000 LM/FT MD 750 LM/FT LD 500 LM/FT CD CUSTOM DOWN EX: CD1250=1250LM/FT | 30 3000K 35 3500K 40 4000K | UNV 120V-277V 347 347V | WH WHITE BLK BLACK |

NOTES

SEE PAGE 5 FOR ROW LAYOUTS AND MOUNTING DIMENSIONS. ALL FIXTURES ARE SUPPLIED WITH 0-10V 1% DIMMING DRIVERS STANDARD UNLESS SPECIFIED DIFFERENTLY IN OPTIONS SECTION. MAXIMUM CUSTOMIZABLE LUMEN OUTPUT IS 1600 LM/FT.

OPTIONS NOTES

UNITS WITH EC/EM PACKS QUANTITY MUST BE THE SAME OR LESS THAN THE TOTAL RUN FIXTURE COUNT. NOT ALL OPTIONS ARE AVAILABLE WITH OTHER OPTIONS.
¹ONE SENSOR PER FIXTURE.
²SENSOR COMPONENTS SUPPLIED BY OTHERS.
³NOT AVAILABLE IN 2' FIXTURES OR WITH WALL WASH OPTION.
⁴NOT ALL PRODUCT VARIATIONS LISTED ON THIS PAGE ARE DLC QUALIFIED. VISIT WWW.DESIGNLIGHTS.ORG/SEARCH TO CONFIRM QUALIFICATION.
⁵PLEASE CONTACT FACTORY FOR CONFIGURATION.

OPTIONS

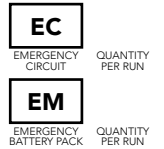
DIMMING & INTEGRATED CONTROLS¹

BLANK = STANDARD 0-10V 1% DIMMING

| | |
|--------------------------------|--|
| 0-10V | Lutron |
| EL01 0-10V 0.1% ELDOLED | LDE1 ECOSYSTEM LDE1 |
| DALI | Integrated Controls |
| OSD OSRAM DEXAL | OS OCCUPANCY SENSOR |
| SID SIGNIFY DALI | DOS OCCUPANCY & DAYLIGHT SENSOR |
| ELD01 0.1% ELDOLED | LVI LUTRON VIVE |
| | ENL² ENLIGHTED |

ADD OPTIONS

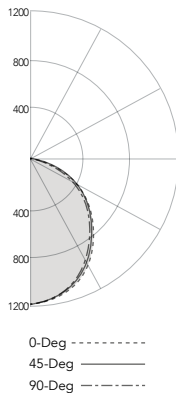
| | |
|--|---|
| EM³ EMERGENCY BATTERY PACK (ADD QUANTITIES ON THE RIGHT) | HE⁴ HIGH EFFICIENCY |
| EC EMERGENCY CIRCUIT (ADD QUANTITIES ON THE RIGHT) | WW WALL WASH |
| LE LOWER ILLUMINATED EDGE | SP⁵ SPECIAL PRODUCT CONFIGURATION |



PHOTOMETRICS

3C-04-MD-30

Total Lumens: 2997
 Ratio: 0% Up and 100% Down
 Wattage: 26.76
 Efficacy: 112.00 (Lumens Per Watt)
 Fixture Length: Four Feet

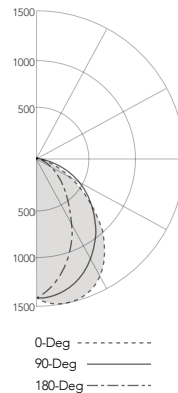


ZONAL LUMEN SUMMARY

| Zone | Lumens | % Fixt |
|----------|--------|--------|
| 0 - 30 | 888 | 29.1 |
| 0 - 40 | 1427 | 46.8 |
| 0 - 60 | 2443 | 80.0 |
| 0 - 90 | 3052 | 100.0 |
| 90 - 180 | 0 | 0.0 |
| 0 - 180 | 3052 | 100.0 |

3C-04-MD-30-WW

Total Lumens: 3,583
 Ratio: 0% Up and 100% Down
 Wattage: 31.6
 Efficacy: 104.68 (Lumens Per Watt)
 Fixture Length: Four Feet



ZONAL LUMEN SUMMARY

| Zone | Lumens | % Fixt |
|----------|--------|--------|
| 0 - 30 | 1057 | 32.0 |
| 0 - 40 | 1683 | 50.9 |
| 0 - 60 | 2769 | 83.7 |
| 0 - 90 | 3308 | 100.0 |
| 90 - 180 | 0 | 0.0 |
| 0 - 180 | 3308 | 100.0 |

ENERGY CONSUMPTION

WATTS PER LINEAR FOOT

SYMMETRICAL DOWN LIGHT

| | H:1000 | M:750 | L:500 |
|-----------|--------|-------|-------|
| WATTS/FT | 8.98 | 6.69 | 4.38 |
| LUMENS/FT | 938 | 747 | 474 |
| LUMENS/W | 104 | 112 | 108 |

SYMMETRICAL DOWN LIGHT - HE OPTION

| | H:1000 | M:750 | L:500 |
|-----------|--------|-------|-------|
| WATTS/FT | 8.98 | 6.69 | 4.38 |
| LUMENS/FT | 1126 | 896 | 569 |
| LUMENS/W | 125.4 | 133.9 | 130.1 |

WALL WASH

| | H:1000 | M:750 | L:500 |
|-----------|---------|--------|--------|
| WATTS/FT | 10.53 | 7.90 | 5.38 |
| LUMENS/FT | 1072.50 | 827.00 | 565.00 |
| LUMENS/W | 101.90 | 104.68 | 105.12 |

OPERATION

Light Engine:

The 3C 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. The optional Lower Illuminated Edge lens adds an elegant accent and reduces the side glare.

Wall Wash:

Asymmetric extruded aluminum reflector with recessed extruded acrylic lens to achieve a superior wall uniformity while minimizing 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 2C comes standard with 0-10V dimming down to 1%.

Emergency Battery Pack:

UL Listed 924 Emergency System has been engineered to exceed UL Minimum Safety Standards. Fixture/rows will be supplied with four wire line volt & two wire low volt feed wires. Normal fixture drivers will be wired to "black" switched hot lead with a "red" un-switched through-wire wired to EM battery pack units "qty to be specified" in nomenclature string. Contractor will determine which fixture is the main feed point and terminate fixture leads as appropriate. For most fixtures, the entire direct portion of the fixture will be illuminated by the EM Battery Pack. For 10' High-Output and 12' Medium & High-Output only the first 8' of the direct portion of the fixture will be illuminated by the EM Battery Pack.

Emergency Circuit:

Emergency Circuit fixtures are engineered so that the entire fixture is wired to the emergency circuit. Row Fixtures are constructed with an extra Hot and Neutral through wire. Emergency Circuit always powers the longest fixtures in the run first. "EC Quantity" refers to the number of fixtures in the run that are wired to the emergency circuit. For example, a 20' run with EC2 selected will be shipped as (2) 8' fixtures wired to the emergency circuit and (1) 4' fixture wired to the normal circuit. Contractor is responsible for designating the feed location and terminating fixture leads appropriately.

GENERAL

Warranty:

Ten (10) Year limited warranty from date of shipment

Lumen Maintenance:

Rated for 85% initial lumen output at 88,300 Hours of operation, operated at 25C ambient temperature; per TM-21 Guidelines published by the Illuminating Engineering Society (IES).

Certifications

All Luminaires are UL and cUL listed, approved for Dry/Damp locations. All EM Units are UL 924 listed.

Select configurations with the HE option are DesignLights Consortium® Qualified for DLC Standard, please refer to www.designlights.org for details.

MECHANICAL

Housing Construction:

Extruded Aluminum 6063-T5 alloy outer housing with die-formed steel internal components for strength, alignment, and mounting attachment. Our high-quality die-cast end caps are engineered to conceal all fasteners and to retain the sealing gaskets on the inside of the fixture while completing the clean and minimalistic look of this luminaire.

Alignment/Assembly:

The alignment system employs a four-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 a draw-screw secures housing-to-housing attachment. Additional alignment biscuits double as the light shields.

Lengths:

The 3C is available in a minimum 2-foot (nominal) length with additional 2-foot increments available. Longer fixture rows are available and will be configured per ALL factory specifications; typical rows are configured with 4-foot, 6-foot & 8-foot fixtures. Max run length on one power feed is 72'. Continuous runs over 72' will require 2 power feeds.

Mounting Method/Hardware:

The 3C is available for mounting upon any ceiling type, additional mounting hardware available by others.

Exterior Finish:

The 3C is available in White and Black polyester powder coat finish to ensure durability.

Integrated Controls:

The 3C is available with optional integrated controls. Sensors are conveniently designed to mount in aperture and are located at the power feed end of each fixture. For runs, each fixture section will be supplied with a discrete sensor that will control that specific section.

Shipping

2-Week lead time for orders up to 1000 Linear Feet.
4-Week lead time for orders with a Black finish.
Orders Greater than 1,000' to be determined at time of order.

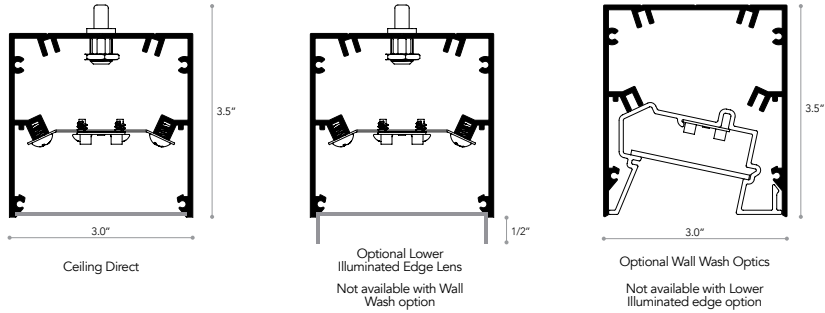
Manufactured in the USA

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

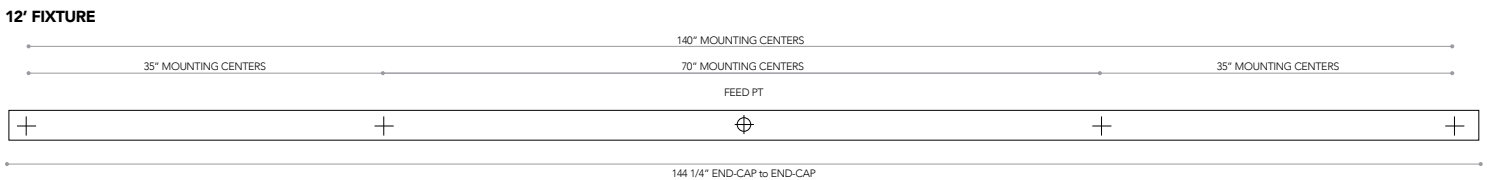
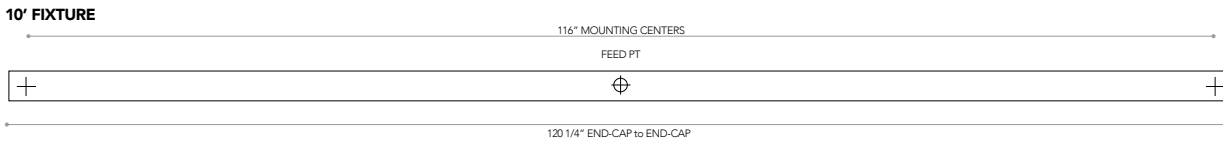
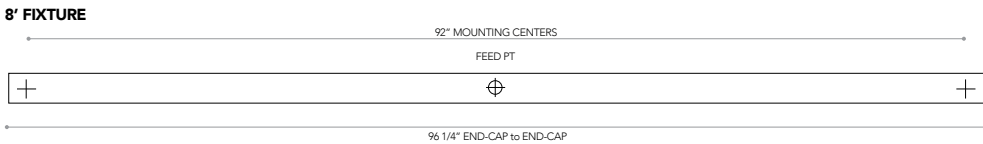
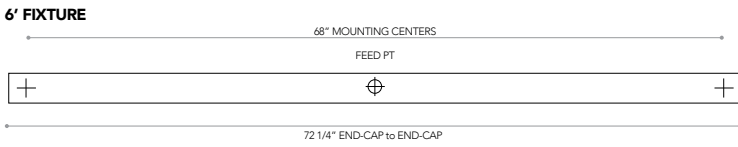
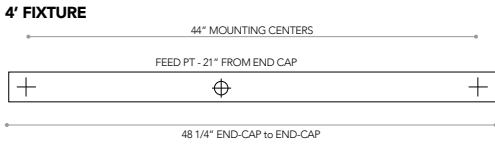
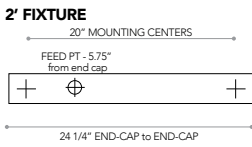
On Site Installation Notes:

Fixture/rows will be supplied with the appropriate hardware kits to join fixtures together for specified row(s) length. End plate kits will also be supplied as required per row specifications.

MOUNTING DETAILS

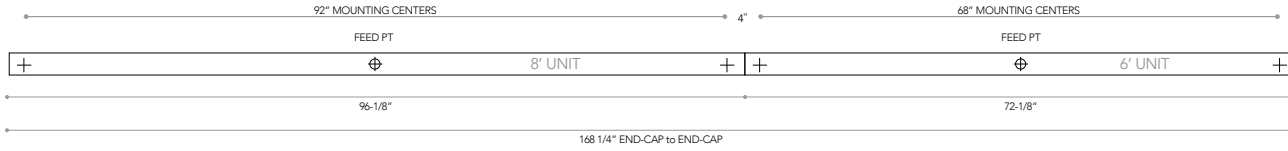


FIXTURE ROW LAYOUT: SINGLE UNIT 2' - 4' - 6' - 8' - 10' - 12'

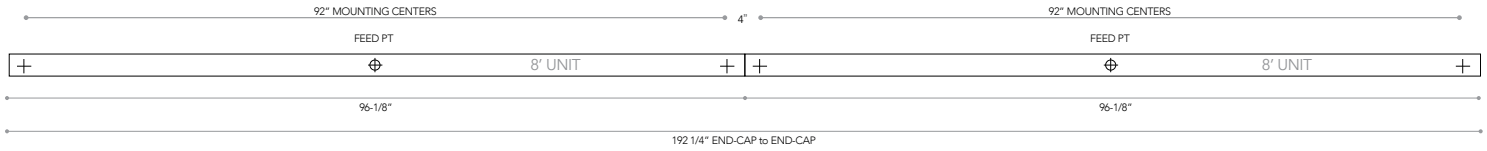


FIXTURE ROW LAYOUT: TWO UNITS 14' - 16'

14' FIXTURE

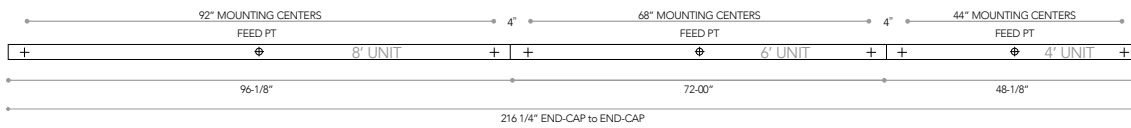


16' FIXTURE

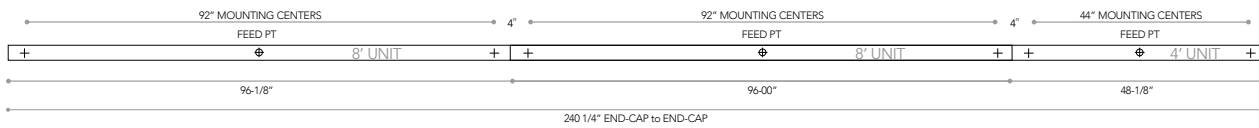


FIXTURE ROW LAYOUT: THREE UNITS 18' - 20' - 22' - 24'

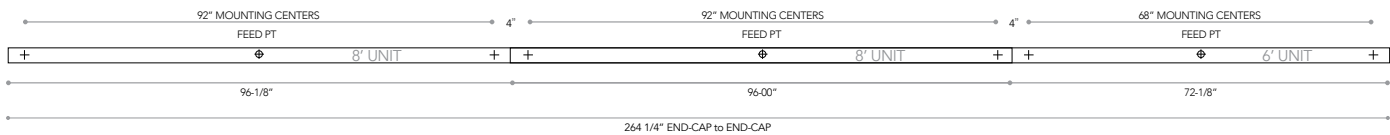
18' FIXTURE



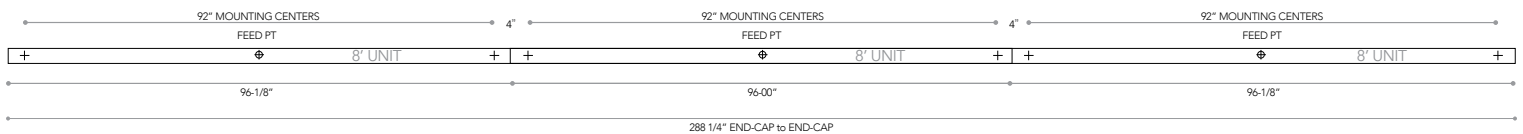
20' FIXTURE



22' FIXTURE



24' FIXTURE



FIXTURE ROW COMPONENTS

| ROW LENGTH | 2' - UNIT | 4' - UNIT | 6' - UNIT | 8' - UNIT | 10' - UNIT | 12' - UNIT | JOINER KITS | END CAPS | END-CAP TO END-CAP |
|------------|-----------|-----------|-----------|-----------|------------|------------|-------------|----------|--------------------|
| 2' | 1 | - | - | - | - | - | - | - | 24-1/4" |
| 4' | - | 1 | - | - | - | - | - | - | 48-1/4" |
| 6' | - | - | 1 | - | - | - | - | - | 72-1/4" |
| 8' | - | - | - | 1 | - | - | - | - | 96-1/4" |
| 10' | - | - | - | - | 1 | - | - | - | 120-1/4" |
| 12' | - | - | - | - | - | 1 | - | - | 144-1/4" |
| 14' | - | - | 1 | 1 | - | - | 1 | 2 | 168-1/4" |
| 16' | - | - | - | 2 | - | - | 1 | 2 | 192-1/4" |
| 18' | - | 1 | 1 | 1 | - | - | 2 | 2 | 216-1/4" |
| 20' | - | 1 | - | 2 | - | - | 2 | 2 | 240-1/4" |
| 22' | - | - | 1 | 2 | - | - | 2 | 2 | 264-1/4" |
| 24' | - | - | - | 3 | - | - | 2 | 2 | 288-1/4" |
| 26' | - | 1 | 1 | 2 | - | - | 3 | 2 | 312-1/4" |
| 28' | - | 1 | - | 3 | - | - | 3 | 2 | 336-1/4" |
| 30' | - | - | 1 | 3 | - | - | 3 | 2 | 360-1/4" |
| 32' | - | - | - | 4 | - | - | 3 | 2 | 384-1/4" |
| 34' | - | 1 | 1 | 3 | - | - | 4 | 2 | 408-1/4" |
| 36' | - | 1 | - | 4 | - | - | 4 | 2 | 432-1/4" |
| 38' | - | - | 1 | 4 | - | - | 4 | 2 | 456-1/4" |
| 40' | - | - | - | 5 | - | - | 4 | 2 | 480-1/4" |
| 42' | - | 1 | 1 | 4 | - | - | 5 | 2 | 504-1/4" |
| 44' | - | 1 | - | 5 | - | - | 5 | 2 | 528-1/4" |
| 46' | - | - | 1 | 5 | - | - | 5 | 2 | 552-1/4" |
| 48' | - | - | - | 6 | - | - | 5 | 2 | 576-1/4" |
| 50' | - | 1 | 1 | 5 | - | - | 6 | 2 | 600-1/4" |
| 52' | - | 1 | - | 6 | - | - | 6 | 2 | 624-1/4" |
| 54' | - | - | 1 | 6 | - | - | 6 | 2 | 648-1/4" |
| 56' | - | - | - | 7 | - | - | 6 | 2 | 672-1/4" |
| 58' | - | 1 | 1 | 6 | - | - | 7 | 2 | 696-1/4" |
| 60' | - | 1 | - | 7 | - | - | 7 | 2 | 720-1/4" |
| 62' | - | - | 1 | 7 | - | - | 7 | 2 | 744-1/4" |
| 64' | - | - | - | 8 | - | - | 7 | 2 | 768-1/4" |
| 66' | - | 1 | 1 | 7 | - | - | 8 | 2 | 792-1/4" |
| 68' | - | 1 | - | 8 | - | - | 8 | 2 | 816-1/4" |
| 70' | - | - | 1 | 8 | - | - | 8 | 2 | 840-1/4" |
| 72' | - | - | - | 9 | - | - | 8 | 2 | 864-1/4" |

Note 1

Ceiling Mount Fixtures have Mounting Holes 2" from End-Cap

Note 2

Ceiling Mount Fixture Rows Consisting of Multiple Units (16'-72') have 4" O.C. Between Mounting Holes at Fixture Joints