



DATE

PROJECT

COMMENTS

PRODUCT FEATURES

COMPACT FIXTURE HOUSING

Width: 3.0" Height: 4.0"

INDIRECT ILLUMINATION

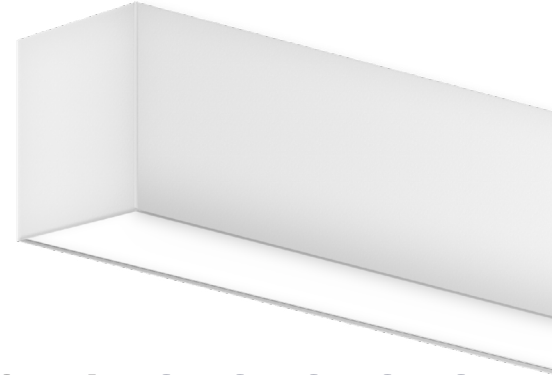
Diffused Forward-Throw Optics Properly Illuminates the Wall, Provides Even Illumination Across the Ceiling and Protects LED's from Dust and Debris. Optional Illuminated Edge Lens Provides an Architectural Glow to the Top and Bottom of the Fixture.

ONE-PIECE EXTRUDED ALUMINUM HOUSING

Ensures Straighter Rows and Consistent Lens Retention

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

UP TO 141 LUMENS PER WATT



ORDERING GUIDE EX: 3WID - 04 - HU - HD - 30 - UNV - T1 - WH - 010 - EM[1]

SERIES	LENGTH	UPPER OUTPUT	LOWER OUTPUT	CCT	VOLTAGE	FINISH
3WID	XX FEET 2' INCREMENTS OVERALL FIXTURE LENGTH EX: 20' = 20	HU 1000 LM/FT	HD 1000 LM/FT	30 3000K	UNV 120V-277V	WH WHITE
		MU 750 LM/FT	MD 750 LM/FT	35 3500K	347 347V	BLK ¹ BLACK
		LU 500 LM/FT	LD 500 LM/FT	40 4000K		¹ WHITE FEED CORD & COVER PLATE STANDARD; SEE OPTIONS FOR BLACK FINISH
		CU CUSTOM UP EX: CU1250=1250LM/FT	CD CUSTOM DOWN EX: CD1250=1250LM/FT			

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 INDIRECT, 1400 LM/FT DIRECT.

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.
²ONE SENSOR PER FIXTURE.
³SENSOR COMPONENTS SUPPLIED BY OTHERS.
⁴NOT AVAILABLE IN 2' FIXTURES OR WITH WALL WASH OPTION.
⁵NOT ALL PRODUCT VARIATIONS LISTED ON THIS PAGE ARE DLC QUALIFIED. VISIT WWW.DESIGNLIGHTS.ORG/SEARCH TO CONFIRM QUALIFICATION.
⁶PLEASE CONTACT FACTORY FOR CONFIGURATION.

OPTIONS

DIMMING & INTEGRATED CONTROLS²

ADD OPTIONS

BLANK = STANDARD 0-10V 1% DIMMING

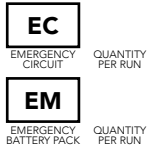
0-10V	Lutron
EL01 0-10V 0.1% ELDOLED	LDE1 ECOSYSTEM LDE1
DALI	Integrated Controls
OSD OSRAM DEXAL	OS OCCUPANCY SENSOR
SID SIGNIFY DALI	DOS OCCUPANCY & DAYLIGHT SENSOR
ELD01 0.1% ELDOLED	LVI LUTRON VIVE
	ENL ³ ENLIGHTENED

SS-U/D SEPARATE SWITCHING UP/DOWN

EM ⁴ EMERGENCY BATTERY PACK (ADD QUANTITIES ON THE RIGHT)
EC EMERGENCY CIRCUIT (ADD QUANTITIES ON THE RIGHT)
LE LOWER ILLUMINATED EDGE

UE UPPER ILLUMINATED EDGE

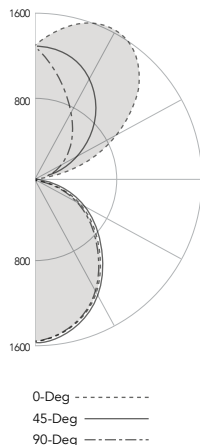
HE ⁵ HIGH EFFICIENCY
WW WALL WASH
SP ⁶ SPECIAL PRODUCT CONFIGURATION



PHOTOMETRICS

3WID-04-HU-HD-30

Total Lumens: 7,794
Ratio: 50% Up and 50% Down
Wattage: 73.7
Efficacy: 105.8 (Lumens Per Watt)
Fixture Length: Four Feet



ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixt
0 - 30	1180	15.1
0 - 40	1893	24.3
0 - 60	3223	41.4
0 - 90	4012	51.5
90 - 120	767	9.8
90 - 130	1395	17.9
90 - 150	2764	35.5
90 - 180	3783	48.5
0 - 180	7794	100.0

ENERGY CONSUMPTION

WATTS PER LINEAR FOOT

	HU-HD	HU-MD	HU-LD
WATTS/FT	15.16	13.03	10.77
LUMENS/FT: OVERALL	1953	1762	1489
LUMENS/FT: UPPER	1015	1015	1015
LUMENS/FT: LOWER	938	747	474
LUMENS/W	128.8	135.2	138.2
	MU-HD	MU-MD	MU-LD
WATTS/FT	12.96	10.87	8.63
LUMENS/FT: OVERALL	1684	1493	1220
LUMENS/FT: UPPER	746	746	746
LUMENS/FT: LOWER	938	747	474
LUMENS/W	130	137.4	141.4
	LU-HD	LU-MD	LU-LD
WATTS/FT	11.71	9.62	7.38
LUMENS/FT: OVERALL	1440	1249	976
LUMENS/FT: UPPER	502	502	502
LUMENS/FT: LOWER	938	747	474
LUMENS/W	123	129.8	132.2

OPERATION

Light Engine:

The 3WID 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. The Upper Illuminated Edge extruded acrylic lens creates an illuminated reveal which gives a unique, sharp look to the luminaire.

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 3WID 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 (unassembled for continuous rows/ assembled "hard wired" to an individual unit) four wire line volt & two wire low volt feed wires. Normal/em 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. "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).

Certification

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.

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.

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 seven-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, two extended biscuits provide additional strength and a light shield, while a vertical draw-screw secures housing-to-housing attachment.

Lengths:

The 3WID 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 Hidden-Connect design recesses or hides all attachment hardware. Standard mounting hardware includes a galvanized wall cleat with side to side adjusting for final alignment. Position all Junction Boxes in accordance with the Fixture Row Layouts found on pages 3-5. Feed Point is on the left hand mounting point for all products longer than 2'; All 2' Products have a center feed point.

Exterior Finish:

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

Integrated Controls:

The 3WID 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.

Manufactured in the USA

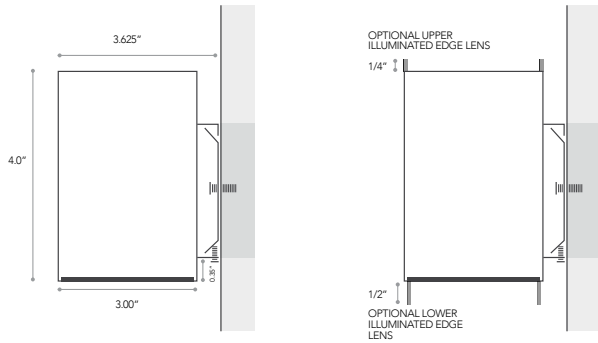
All ALL Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

On Site Installation Notes:

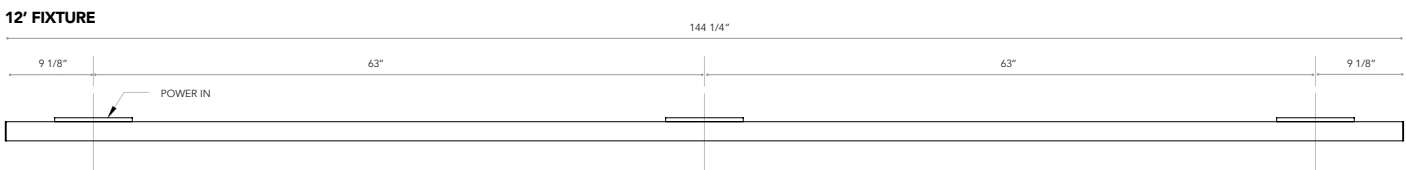
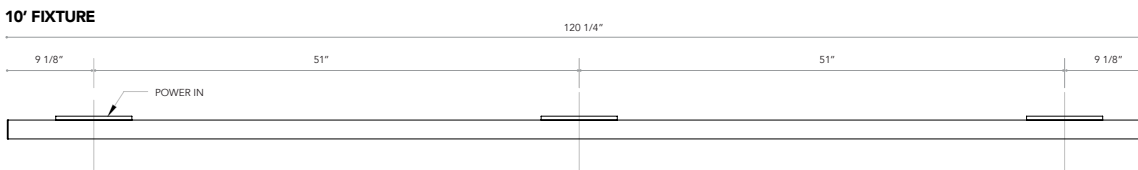
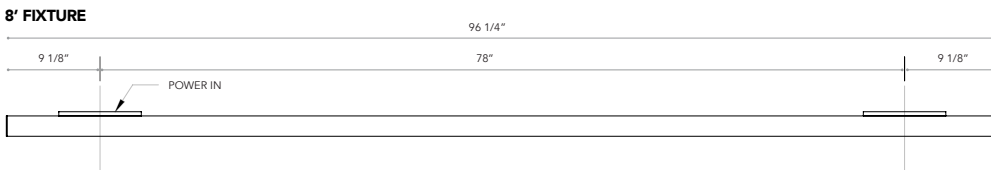
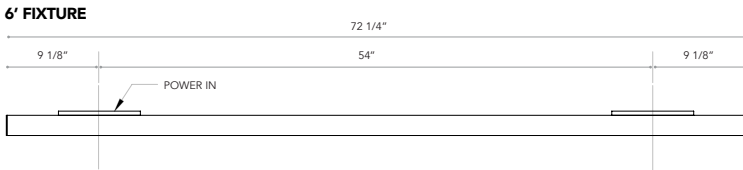
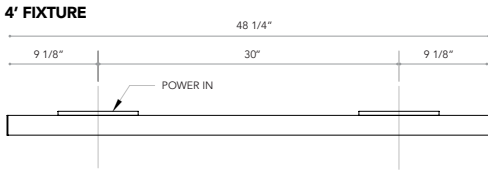
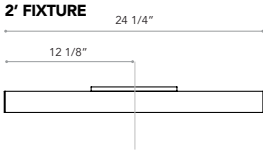
Fixtures will be supplied with the appropriate hardware kits to join two fixtures together for specified on-site row(s) length.

MOUNTING DETAILS

SECTION

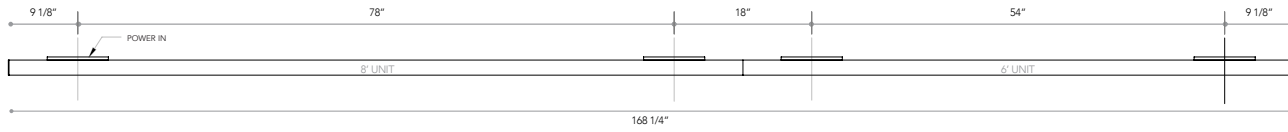


FIXTURE ROW LAYOUT: SINGLE UNIT 2' - 4' - 6' - 8' - 10' - 12'

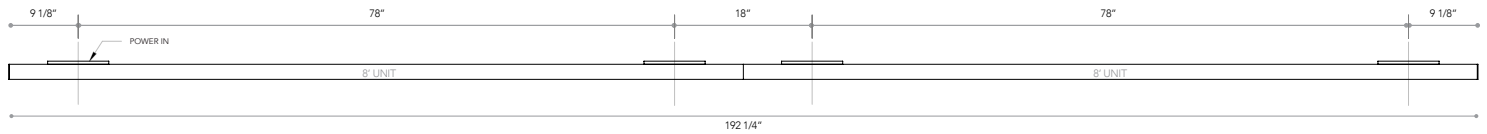


FIXTURE ROW LAYOUT: TWO UNITS 14' - 16'

14' FIXTURE

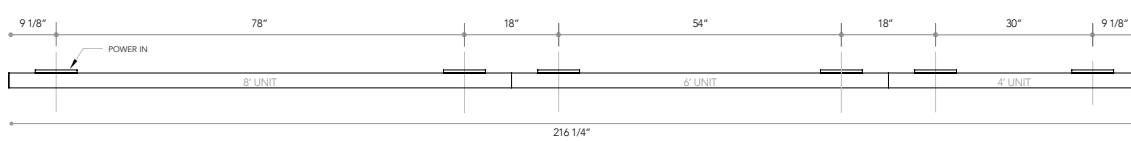


16' FIXTURE

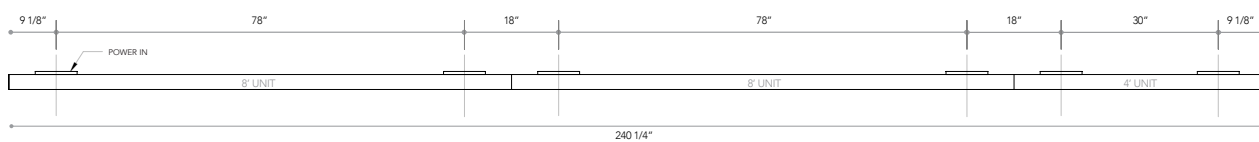


FIXTURE ROW LAYOUT: THREE UNITS 18' - 20' - 22' - 24'

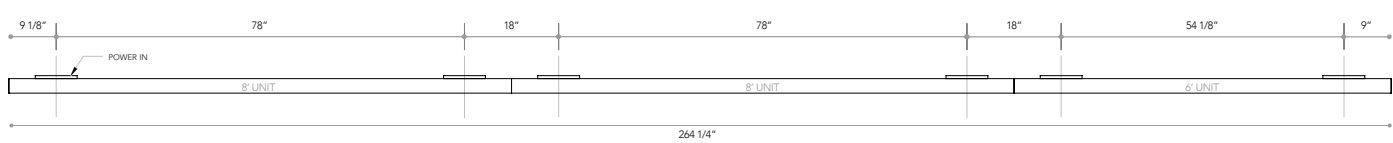
18' FIXTURE



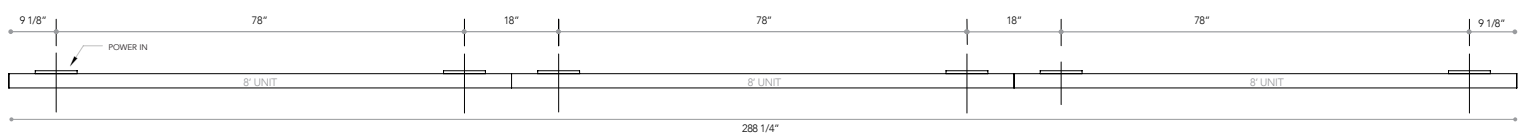
20' FIXTURE



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"