



PRODUCT FEATURES

COMPACT FIXTURE HOUSING

Width: 3.0" Height: 4.5"

INDIRECT ILLUMINATION

Diffused Forward Throw Optics with High Efficiency Diffuser Properly Illuminates the Wall, Provides Even Illumination Across the Ceiling and Protects LED's from Dust and Debris

ONE-PIECE EXTRUDED ALUMINUM HOUSING

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

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

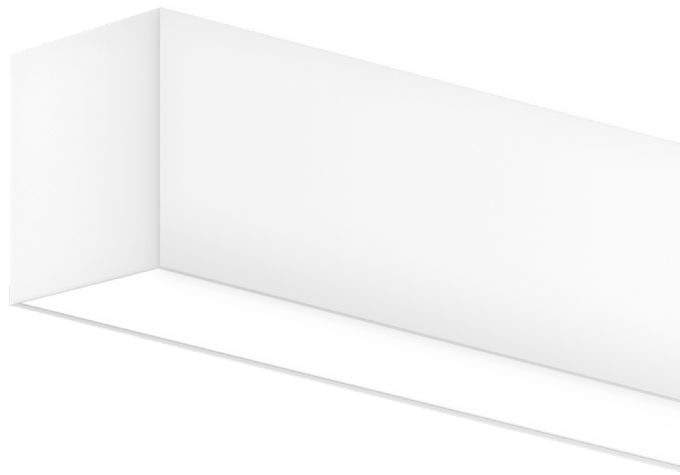
94-112 LUMENS PER WATT



DATE

PROJECT

COMMENTS



ORDERING GUIDE EX: 3WID - 24 - HU - LD - 35 - WH - EM[1] - EC[1]

SERIES	LENGTH	UPPER OUTPUT	LOWER OUTPUT	CCT	FINISH
3WID					
	XX FT 2' INCREMENTS MAX 72' EX: 4' = 04	HU 1000 LM/FT	HD 1000 LM/FT	30 3000K	WH WHITE
		MU 750 LM/FT	MD 750 LM/FT	35 3500K	BLK **BLACK
		LU 500 LM/FT	LD 500 LM/FT	40 4000K	

OPTIONS

ADD OPTIONS

EM *EMERGENCY BATTERY PACK (ADD QUANTITIES BELOW)

EC EMERGENCY CIRCUIT (ADD QUANTITIES BELOW)

SS-U/D *SEPARATE SWITCHING UP/DOWN



EMERGENCY BATTERY PACK QUANTITY PER RUN



EMERGENCY CIRCUIT QUANTITY PER RUN

*NOT AVAILABLE IN 2' FIXTURES

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.

PHOTOMETRICS

3WID-04-HU-HD-30

Total Lumens: 7,794

Ratio: 50% Up and 50% Down

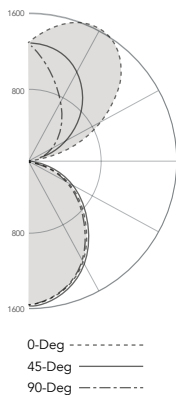
Wattage: 73.7

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	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	103.10	106.40

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.

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 cords. 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. If unit is specified with SS U/D "separate switching up/down" a separate feed cord will be supplied with feed conductors applicable to feed the un-switched hot to EM packs.

Emergency Circuit:

Contractor will determine which fixture is the emergency feed point and terminate fixture leads as appropriate. One driver per fixture section typical. If unit is specified with SS U/D "separate switching up/down" a feed cord(s) will be supplied with conductors applicable to feed the EC section.

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. All EM Units are UL 924 listed.

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.

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 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 & 8-foot fixtures.

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 final manufacturer submittal drawings. 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.

Made in the USA

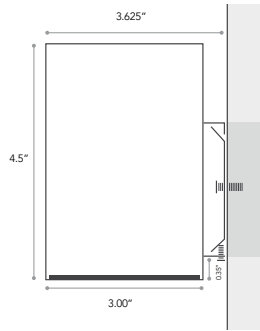
All ALL Luminaires and Components (with the exception of our LED boards and drivers) are proudly manufactured and assembled in the USA.

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. Please see row chart for grid specific length needed for each row length.

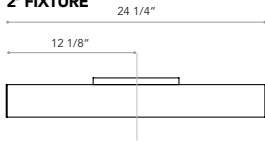
MOUNTING DETAILS

SECTION

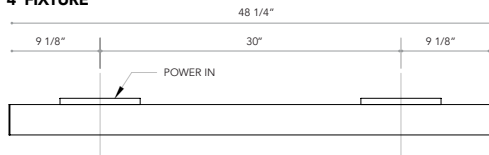


FIXTURE ROW LAYOUT: SINGLE UNIT 2' - 4' - 6' - 8' - 10' - 12'

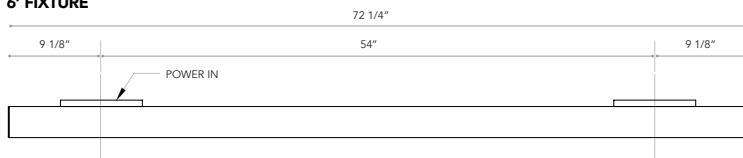
2' FIXTURE



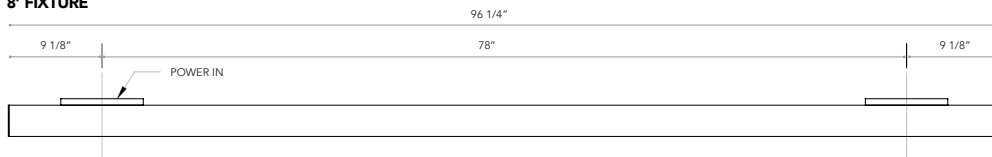
4' FIXTURE



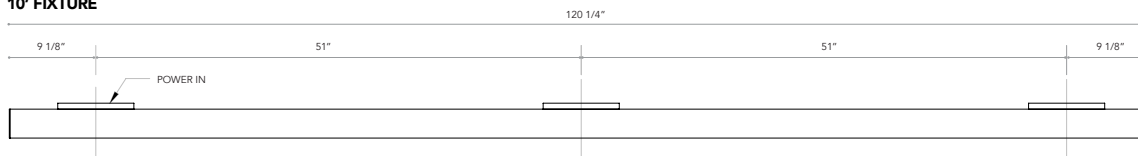
6' FIXTURE



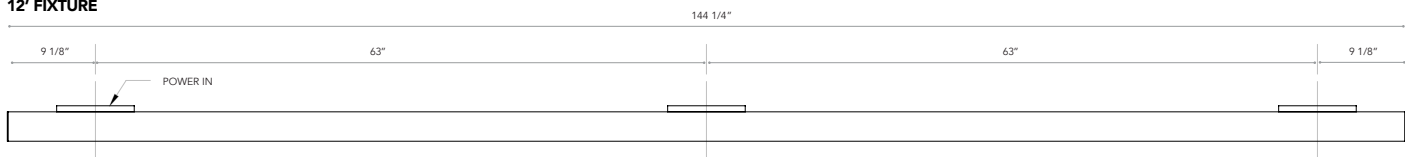
8' FIXTURE



10' FIXTURE

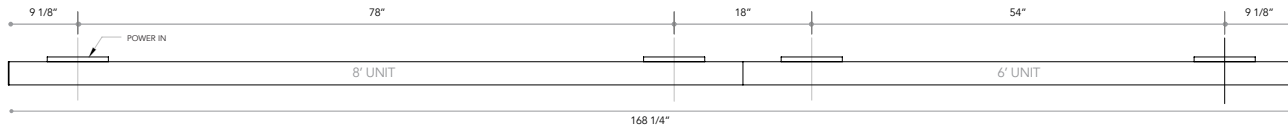


12' FIXTURE

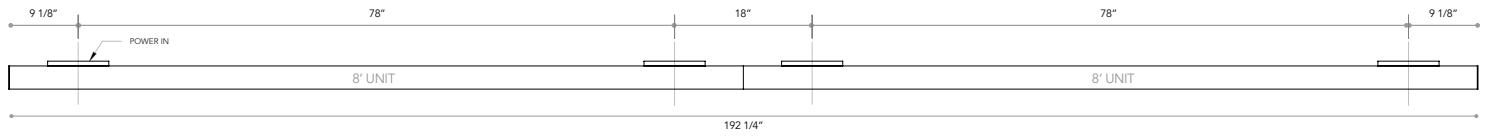


FIXTURE ROW LAYOUT: TWO UNITS 14' - 16'

14' FIXTURE

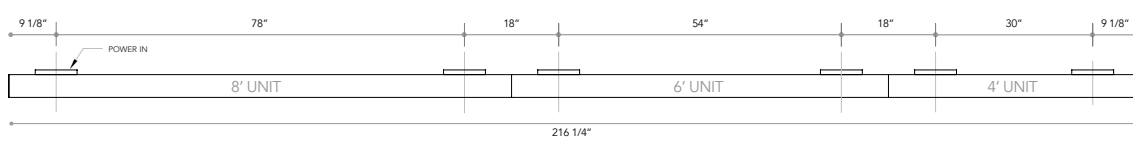


16' FIXTURE

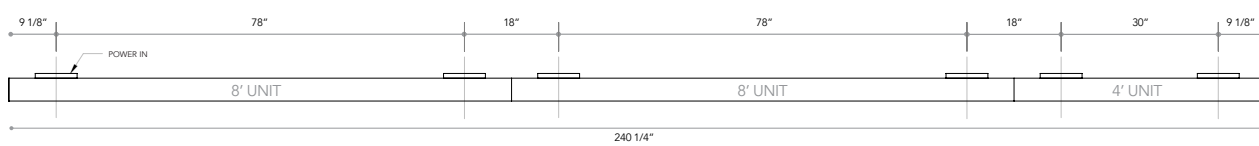


FIXTURE ROW LAYOUT: THREE UNITS 18' - 20' - 22' - 24'

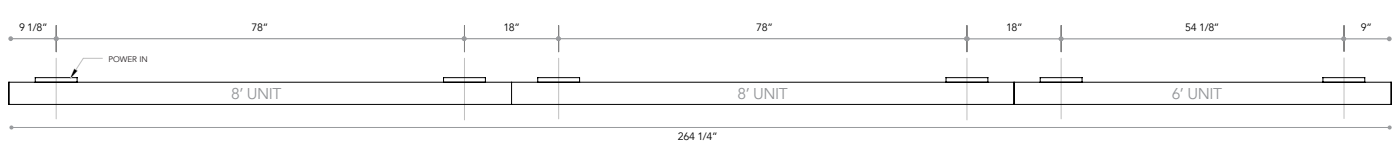
18' FIXTURE



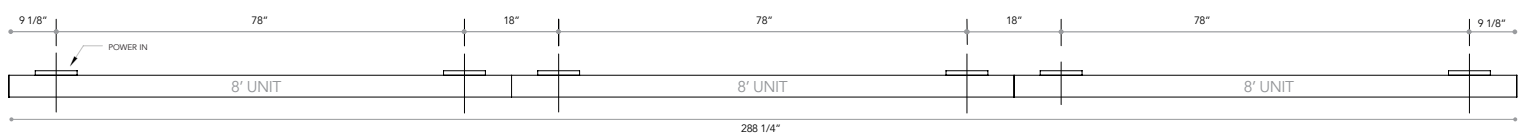
20' FIXTURE



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"