

### PRODUCT FEATURES

#### FIXTURE HOUSING

Width: 3.0" Height: 4.0"

#### INDIRECT ILLUMINATION

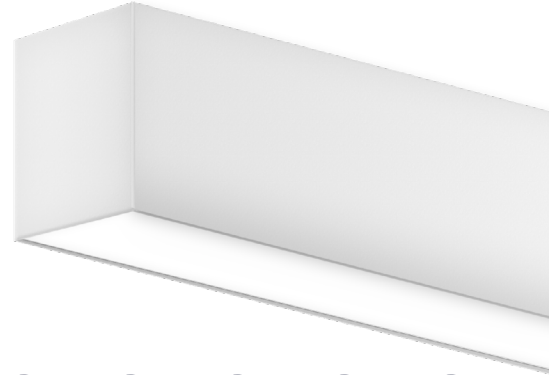
Diffused forward-throw optics properly illuminates the wall, provides even illumination across the ceiling and protects LED's from dust and debris

#### ONE-PIECE EXTRUDED ALUMINUM HOUSING

Housing ensures straighter rows and consistent lens retention

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

#### UP TO 153.5 LUMENS PER WATT



### ORDERING GUIDE EX: 3WID - 20 - HU - HD - 30 - UNV - WH - EM

SERIES	LENGTH	UPPER OUTPUT		DIRECT OUTPUT		CCT	VOLTAGE	FINISH
3WID								
	XX FT	VHU 1250 LM/FT	LU 500 LM/FT	VHD 1250 LM/FT	LD 500 LM/FT	30 3000K	UNV 120-277V	WH White
	2' Increments EX: 20' = 20	HU 1000 LM/FT	VLU 250 LM/FT	HD 1000 LM/FT	VLD 250 LM/FT	35 3500K	347' 347V	BLK Black
		MU 750 LM/FT	CU Custom	MD 750 LM/FT	CD Custom	40 4000K		

#### ORDERING NOTES

1. EM NOT AVAILABLE WITH 347V.
2. EM NOT AVAILABLE WITH 2' AND 4' FIXTURES.
3. FOR INDIVIDUAL FIXTURES, SENSOR LOCATED AT POWER FEED END. FOR RUNS, A SENSOR IS INSTALLED INTO EACH FIXTURE IN RUN, EX. 2 SENSORS ARE INSTALLED IN A 16 FT RUN (1 SENSOR IN EACH 8 FT FIXTURE)

### OPTIONS

CRI	INTEGRATED CONTROLS <sup>3</sup>	OPTICAL	CIRCUITING
BLANK = 80 CRI	OS Occupancy Sensor	BLANK = LAMBERTIAN	SS-U/D Separate Switching UPWARDS/DOWNWARDS
C90 90 CRI	DOS Daylight Occupancy Sensor	WW <sup>4</sup> Wall Wash, Direct	

FOR INDIVIDUALS	FOR LINEAR RUNS <sup>5, 6</sup>
EM <sup>2</sup> Emergency Battery	EM EMERGENCY BATTERY PACK QUANTITY PER RUN <sup>6</sup> POSITION IN RUN <sup>6</sup>
EC Emergency Circuit	EC EMERGENCY CIRCUIT QUANTITY PER RUN <sup>6</sup> POSITION IN RUN <sup>6</sup>

#### EMERGENCY OPTION NOTES

4. INTEGRATED CONTROLS NOT AVAILABLE WITH WALL WASH.
5. EM AND EC QUANTITY IS NOT TO EXCEED NUMBER OF DISCRETE FIXTURE SECTIONS IN A ROW.
6. EM AND EC POSITION REFERS TO WHICH FIXTURE IN THE RUN THAT WILL BE POWERED BY THE EM/EC CIRCUIT. POSITION OPTIONS: S=STARTER, J=JOINER, E=ENDER  
EX: 3WID-20-HU-HD-35-UNV-WH-EM2SJ

STARTER	JOINER	ENDER
---------	--------	-------

## PHOTOMETRICS

### 3WID-04-HU-HD-35-UNV-XX-X

Total Lumens: 8,217

Ratio: 50% Up & 50

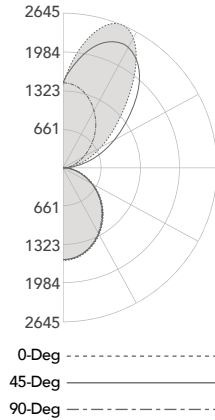
Wattage: 59.2

Efficacy: 138.8 LM/A

Fixture Length: Fou

### ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixt
0 - 30	1192.7	14.5
0 - 40	1913.9	23.3
0 - 60	3270.4	39.8
0 - 90	4128.8	50.3
90 - 180	4087.7	49.7
0 - 180	8216.6	100.0



## OPERATION

### Light Engine:

The 3WID is available in 3000K, 3500K and 4000K CCT all within a 3-Step MacAdam Ellipse and has a standard CRI of 80+. Optional 90+ CRI available.

### Direct Optics:

The back lit extruded acrylic lens ensures high efficiency light output, in a minimal form factor for a clean, evenly illuminated surface with minimal glare. Optional Wall Wash (WW) is an asymmetric extruded aluminum reflector with recessed acrylic lens that achieves a superior wall uniformity while minimizing glare.

### Indirect Optics:

Standard Asymmetric (AU) diffused forward-throw optics properly illuminates the wall and protects LED's from dust and debris.

### Optional Wall Wash:

Asymmetric extruded aluminum reflector with recessed extruded acrylic lens. Designed to be installed on the wall with light directed back into the room.

### 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:

Emergency Battery Pack has been engineered to exceed UL minimum safety standards. For most fixtures, the entire direct portion of the fixture will be illuminated by the EM Battery Pack. For 8' VHD, 10' HD and VHD, and 12' MD, HD, and VHD, only the first portion of the fixture will be illuminated by the EM battery pack. "Quantity per Run" refers to the number of fixtures in the run that will be supplied with an emergency battery pack. "Position in Run" refers to which fixture in the run that will contain the battery. Position options are Starter (S), Joiner (J), or Ender (E). For example, a 24' run needing two emergency battery packs, one in the starter and one in the joiner, would be ordered as EM2SJ. When a joiner is selected, battery packs are always supplied in 8' fixtures before 6' fixtures in that run.

### Emergency Circuit:

Emergency Circuit fixtures are engineered so that the entire fixture is wired to the emergency circuit. "Quantity per Run" refers to the number of fixtures in the run that are wired to the emergency circuit. "Position in Run" refers to which fixture in the run that will be powered by the Emergency Circuit. Position options are Starter (S), Joiner (J), or Ender (E). For example, a 24' run with needing two emergency sections, one in the starter and one in the joiner, would be ordered as EC2SJ. When a joiner is selected, Emergency Circuits are always supplied in 8' fixtures before 6' fixtures in that run.

## GENERAL

### Warranty:

Ten (10) Year limited warranty from date of shipment.

### Lumen Maintenance:

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

### Certifications:

All Luminaires are UL/cUL Listed to UL 1598 Standards and approved for Indoor use in Dry/Damp Locations.

## ENERGY CONSUMPTION WATTS PER LINEAR FOOT

### INDIRECT (ASYMMETRIC) / DIRECT (LAMBERTIAN) LIGHT

	VHU-VHD	VHU-HD	VHU-MD	VHU-LD	VHU-VLD
W/FT	17.8	16.1	14.2	11.9	10.0
LM/FT	2496	2306	2034	1792	1529
LM/W	140.3	143.3	143.1	151.1	153.5

	HU-VHD	HU-HD	HU-MD	HU-LD	HU-VLD
W/FT	16.5	14.8	13.0	10.6	8.7
LM/FT	2288	2099	1827	1585	1322
LM/W	138.5	141.5	141.0	149.5	151.9

	MU-VHD	MU-HD	MU-MD	MU-LD	MU-VLD
W/FT	14.6	12.9	11.0	8.7	6.8
LM/FT	2004	1814	1543	1300	1037
LM/W	137.2	140.5	139.7	149.8	153.0

	LU-VHD	LU-HD	LU-MD	LU-LD	LU-VLD
W/FT	13.0	11.4	9.5	7.1	5.2
LM/FT	1741	1551	1280	1037	774
LM/W	133.5	136.6	135.0	145.7	148.3

	VLU-VHD	VLU-HD	VLU-MD	VLU-LD	VLU-VLD
W/FT	11.4	9.7	7.8	5.5	3.6
LM/FT	1471	1281	1010	767	504
LM/W	129.0	132.0	128.8	140.1	141.1

## 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 ensures 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 and 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. For individual fixtures, the sensor is located at the power feed end. For runs, each Starter, Joiner and Ender fixture will be supplied with a discrete sensor that will control that specific fixture within the run.

### Shipping:

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

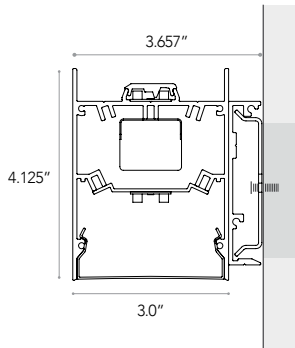
4-Week lead time for orders with a Black finish.

Lead time for orders greater than 1,000' will 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.

## MOUNTING DETAILS



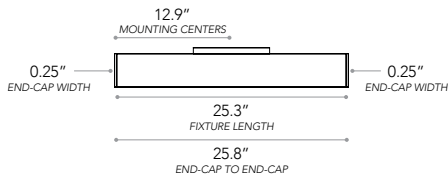
## APPLICATION DETAILS

### WALL WASH

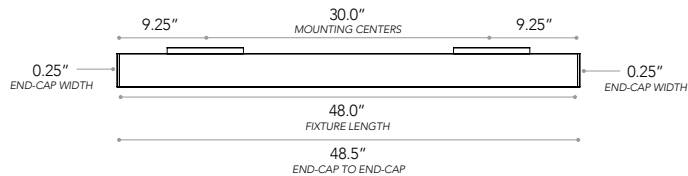


## FIXTURE ROW LAYOUT: SINGLE UNIT 2' - 4' - 6' - 8' - 10' - 12'

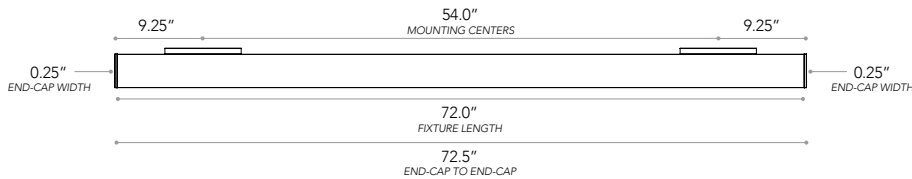
### 2' FIXTURE



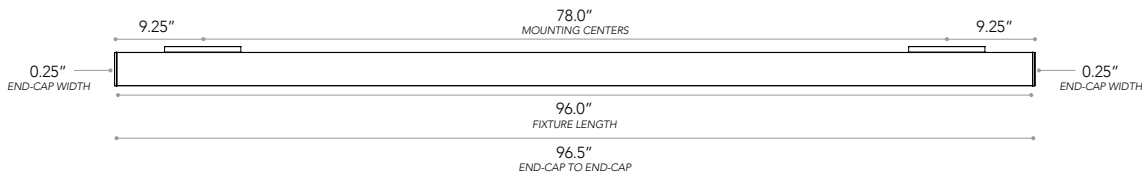
### 4' FIXTURE



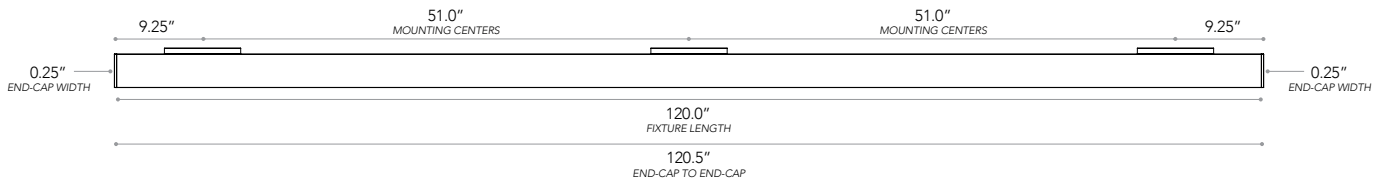
### 6' FIXTURE



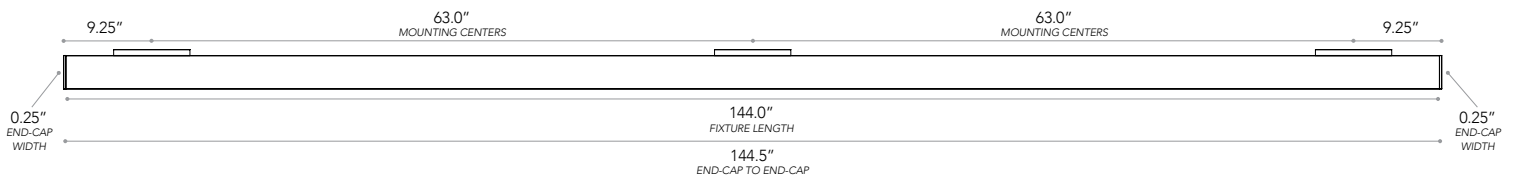
### 8' FIXTURE



### 10' FIXTURE

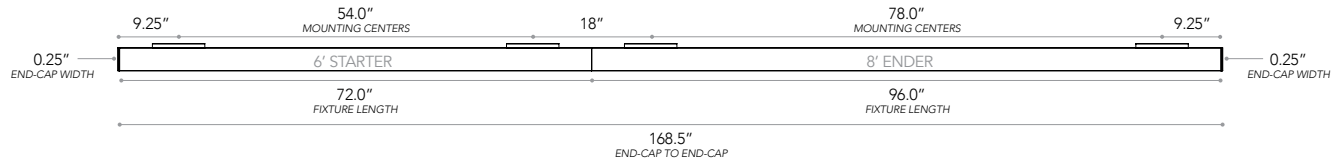


### 12' FIXTURE

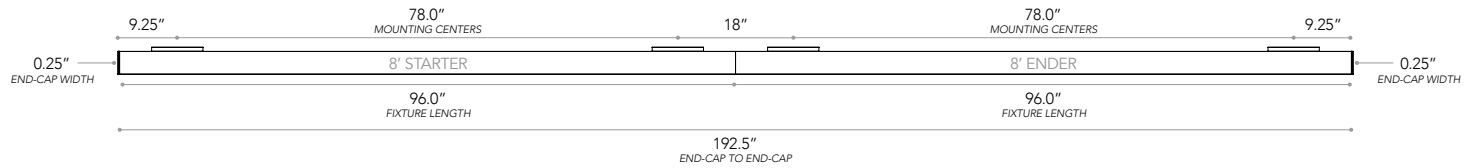


## FIXTURE ROW LAYOUT: TWO UNITS 14' - 16'

### 14' FIXTURE

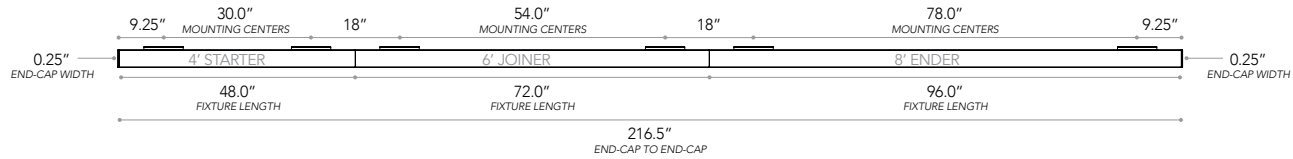


### 16' FIXTURE

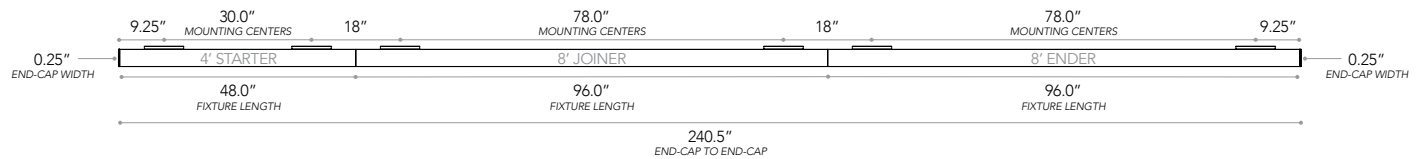


## FIXTURE ROW LAYOUT: THREE UNITS 18' - 20' - 22' - 24'

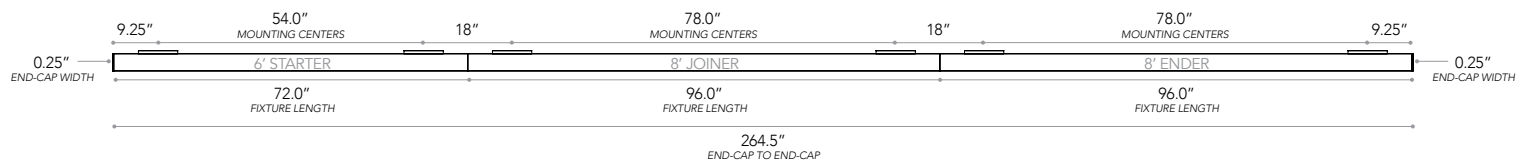
### 18' FIXTURE



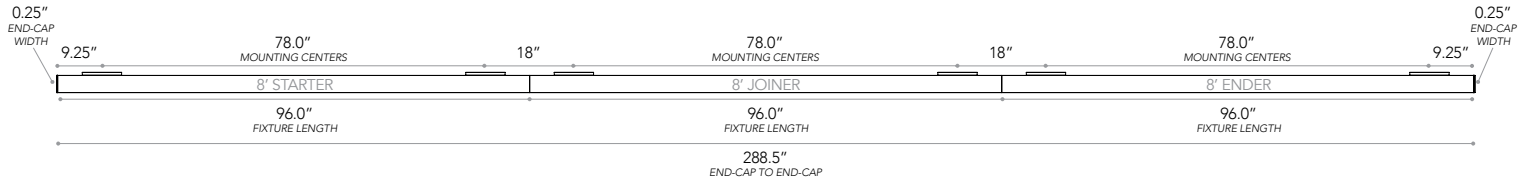
### 20' FIXTURE



### 22' FIXTURE



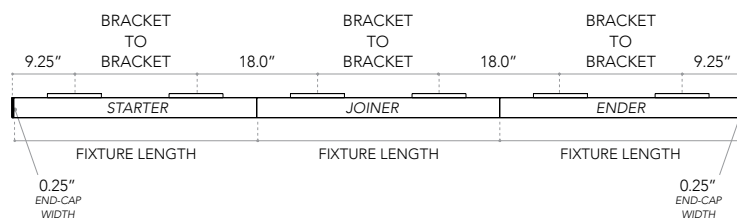
### 24' FIXTURE



## FIXTURE ROW COMPONENTS

RUN LENGTH (FT)	FIXTURE LENGTHS									JOINER KITS
	STARTER	JOINER							ENDER	
	1	2	3	4	5	6	7	8	9	
14	6'	-	-	-	-	-	-	-	8'	1
16	8'	-	-	-	-	-	-	-	8'	1
18	4'	6'	-	-	-	-	-	-	8'	2
20	4'	8'	-	-	-	-	-	-	8'	2
22	6'	8'	-	-	-	-	-	-	8'	2
24	8'	8'	-	-	-	-	-	-	8'	2
26	4'	6'	8'	-	-	-	-	-	8'	3
28	4'	8'	8'	-	-	-	-	-	8'	3
30	6'	8'	8'	-	-	-	-	-	8'	3
32	8'	8'	8'	-	-	-	-	-	8'	3
34	4'	6'	8'	8'	-	-	-	-	8'	4
36	4'	8'	8'	8'	-	-	-	-	8'	4
38	6'	8'	8'	8'	-	-	-	-	8'	4
40	8'	8'	8'	8'	-	-	-	-	8'	4
42	4'	6'	8'	8'	8'	-	-	-	8'	5
44	4'	8'	8'	8'	8'	-	-	-	8'	5
46	6'	8'	8'	8'	8'	-	-	-	8'	5
48	8'	8'	8'	8'	8'	-	-	-	8'	5
50	4'	6'	8'	8'	8'	8'	-	-	8'	6
52	4'	8'	8'	8'	8'	8'	-	-	8'	6
54	6'	8'	8'	8'	8'	8'	-	-	8'	6
56	8'	8'	8'	8'	8'	8'	-	-	8'	6
58	4'	6'	8'	8'	8'	8'	8'	-	8'	7
60	4'	8'	8'	8'	8'	8'	8'	-	8'	7
62	6'	8'	8'	8'	8'	8'	8'	-	8'	7
64	8'	8'	8'	8'	8'	8'	8'	-	8'	7
66	4'	6'	8'	8'	8'	8'	8'	8'	8'	8
68	4'	8'	8'	8'	8'	8'	8'	8'	8'	8
70	6'	8'	8'	8'	8'	8'	8'	8'	8'	8
72	8'	8'	8'	8'	8'	8'	8'	8'	8'	8

	FIXTURE LENGTH	CENTER-TO-CENTER BRACKET SPACING
4'	48.0"	30.0"
6'	72.0"	54.0"
8'	96.0"	78.0"



**Note 1**  
2' fixtures use a single mounting bracket centered on the fixture

**Note 2**  
10' & 12' fixtures have a third mounting bracket centered on the fixture