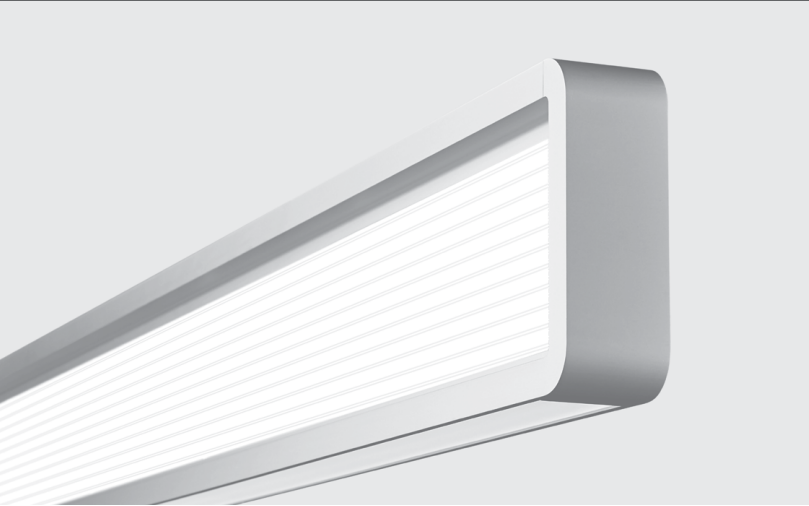


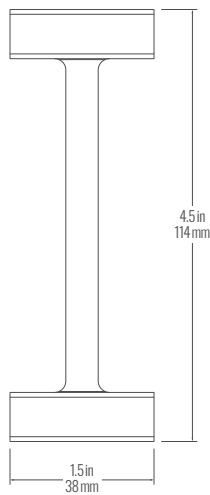
SPECIFICATION DATA  
VIEW (VU1 | VU3)

## CATALOG #

## PROJECT

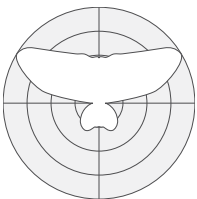
## NOTES

## CROSS SECTION

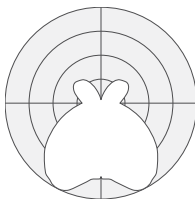
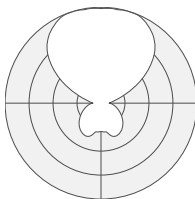


## DISTRIBUTIONS

70 Up | 30 Dn (VU1xA)



20 Up | 80 Dn (VU1xB)

Indep. Up | Dn (VU3xB)  
(Full: 70 Up | 30 Dn)

## PERFORMANCE FOCUS

70 Up | 30 Dn, 80 CRI 4000 K (VU1xAx40)

	Energy (W/4ft)	Light (lm/4ft)	Efficacy (lm/W)
A	19 W	2350	129
B	23 W	2850	127
C	29 W	3550	125
D	38 W	4600	121

Color Matching (SDCM)	Lumen Maintenance (hr)	
	L90 per TM21	L70 Estimate
< 2	> 60,000	> 200,000

*Nominal values, refer to back pages for full performance data.*

## FEATURES

- Transparent vertical optics appear like a floating fenestration, lit or unlit.
- Choice of 2 sizes to complement the scale of any space – View 4.5" or View Mini 3.5" in height.
- 3 endcap styles – Beam, Radius or Square – preinstalled for precise fit and finish.
- Fluxwerx anidolic technology provides beam control with no view of the LED sources, for low glare and wide row spacing – up to 15 ft on center, delivering 35 fc at under 0.4 W/ft<sup>2</sup>.
- Direct/indirect general area lighting distributions including independent up/down control.
- No electrical connections required at fixture joints for virtually seamless continuous runs that are simple and fast to install.
- Precision machined, clear anodized extruded aluminum construction in 4', 6' & 8' modules.

Declare.



## ORDER GUIDE

1	2	3	4	5	6	7	8	9	10	11	OPTIONS	CONTROLS

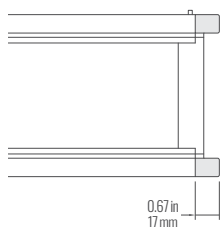
1	FAMILY	2	ENDCAP	3	DISTRIBUTION	4	ENERGY <sup>1</sup>	5	CRI-CCT	6	FINISH <sup>2</sup>
<b>VU1</b>	View	<b>B</b> Beam <b>R</b> Radius <b>S</b> Square		<b>A</b>	70 Up   30 Dn	<b>A</b>	19 W	<b>30</b>	80 CRI 3000 K	<b>A</b>	Clear Anodized
				<b>B</b>	20 Up   80 Dn	<b>B</b>	23 W	<b>35</b>	80 CRI 3500 K	<b>B</b>	Black Powdercoat
						<b>C</b>	29 W	<b>40</b>	80 CRI 4000 K	<b>S</b>	Metallic Silver Powdercoat
						<b>D</b>	38 W	<b>93</b>	90 CRI 3000 K		
<b>VU3</b>	View Independent Up   Dn			<b>B</b>	Independent Up   Dn Control (Full: 70 Up   30 Dn)	<b>D</b>	38 W	<b>90</b>	90 CRI 3500 K	<b>W</b>	White Powdercoat
								<b>94</b>	90 CRI 4000 K	<b>C</b>	Custom Color (RAL)
							<sup>1</sup> Nominal input power /4 ft. Add 4 W for Battery Pack or 347 V.				<sup>2</sup> Fixture finish only. Canopies are standard white.

7	LENGTH	8	CEILING TYPE <sup>4</sup>	9	DRIVER	10	VOLTAGE	11	SUSPENSION
<b>04</b>	4 ft	<b>D</b>	Drywall	<b>F1</b>	Non-Dim	<b>M</b>	120-277 V	<b>03</b>	≤ 3 ft <sup>7</sup>
<b>06</b>	6 ft	<b>G</b>	Grid	<b>F2</b>	0-10 V Dim 3%	<b>1</b>	120 V <sup>5</sup>	<b>06</b>	≤ 6 ft
<b>08</b>	8 ft	<b>S</b>	Structure	<b>F4</b>	Line Voltage Dim (Fwd/Rev) 3% 120 V	<b>2</b>	277 V <sup>5</sup>	<b>12</b>	≤ 12 ft
<b>XX</b>	x ft <sup>3</sup>	<b>R</b>	Remote	<b>E1</b>	eldoLED ECO 0-10 V Dim 1%	<b>3</b>	347 V <sup>6</sup>	<b>25</b>	≤ 25 ft
				<b>E2</b>	eldoLED SOLO 0-10 V Dim 0.1%				
				<b>E3</b>	eldoLED ECO DALI-2 DT6 Dim 1%				
				<b>E4</b>	eldoLED SOLO DALI-2 DT6 Dim 0.1%				
				<b>L1</b>	Lutron Hi-Lume 1% EcoSystem (LDE1)				
<sup>3</sup> Specify run length in 2' nominal increments. Important: Row lengths cannot be modified on site (factory installed endcaps & joiners).		<sup>4</sup> Integrated driver with mounting, power feed, suspension + canopy, except for remote.				<sup>5</sup> Fixed voltage only for (F4) Line Dim Driver or nLight controls. <sup>6</sup> 347 V transformer, not with Up   Dn Control or Drywall ceiling.		<sup>7</sup> View 20 Up   80 Dn (VU1-B) is not recommended for close to ceiling applications. Use 70 Up   30 Dn distribution (VU1-A or VU3).	

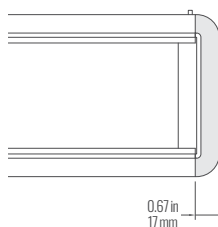
OPTIONS		CONTROLS	
WIRING & EMERGENCY <sup>8</sup>		ROW LAYOUT	TYPE & LOCATION <sup>11</sup>
<b>A#</b>	Alternate Wiring Module Qty <sup>9</sup> (2nd circuit in 8 ft modules for EM/NL or presentation switching)	<b>C</b> Chicago CCEA	<b>R</b> Remote Sensor / Controller on Ceiling
<b>B#</b>	Battery Pack Qty	<b>F</b> 4 ft End Module	<b>S</b> Sensor / Controller on Canopy
<b>H#</b>	Emergency Switch Qty (GTD or Controller)	<b>G</b> 6 ft Modules <sup>10</sup>	<b>V</b> Controller on Driver / Plenum Side
		<b>N</b> Non-Power End	<b>Y</b> Controller on Canopy / Room side
<sup>8</sup> BP & GTD available for 120-277 V in Grid (G), Structure (S) and Remote (R) ceilings. GTD not compatible with (F4) Line Dim driver. <sup>9</sup> Alt. Wiring: not with Up   Dn Control.		<sup>10</sup> For 12 ft & 18 ft rows.	<sup>11</sup> Controls selection may be limited by version, protocol or other features – see Controls page.
			<b>N1</b> Acuity nLight Wired <sup>12</sup> <b>N2</b> Acuity nLight Air r10 <sup>12</sup> <b>N3</b> Acuity nLight Air RPP20 <sup>12</sup> <b>E1</b> Enlighted Smart Sensor <sup>13</sup> <b>L1</b> Lutron Athena Wireless <b>M1</b> Legrand Wattstopper PLUS <b>V1</b> Leviton Intellect Wireless
			<sup>12</sup> Controller (V,Y) only. <sup>13</sup> Sensor/Controller (R,S) only.

## ENDCAPS

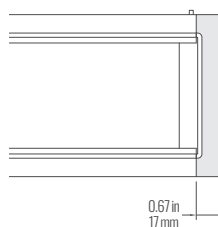
(B) BEAM



(R) RADIUS

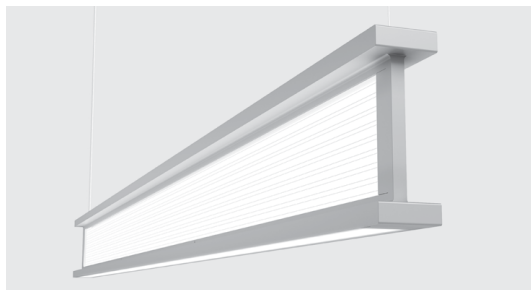


(S) SQUARE



## FINISHES

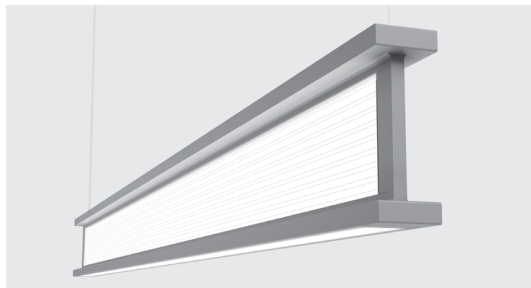
All finishes high temperature powder coated.



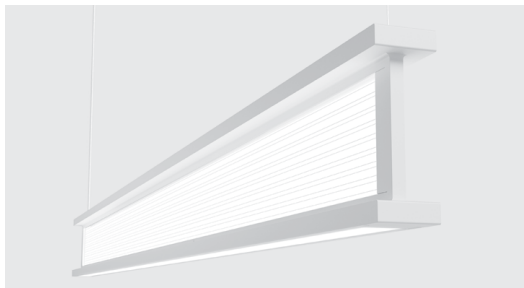
(A) CLEAR ANODIZED



(B) BLACK



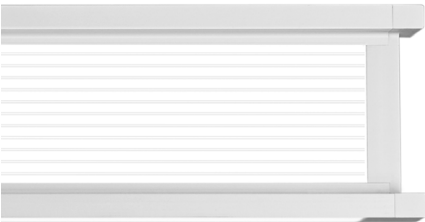
(S) SILVER



(W) WHITE



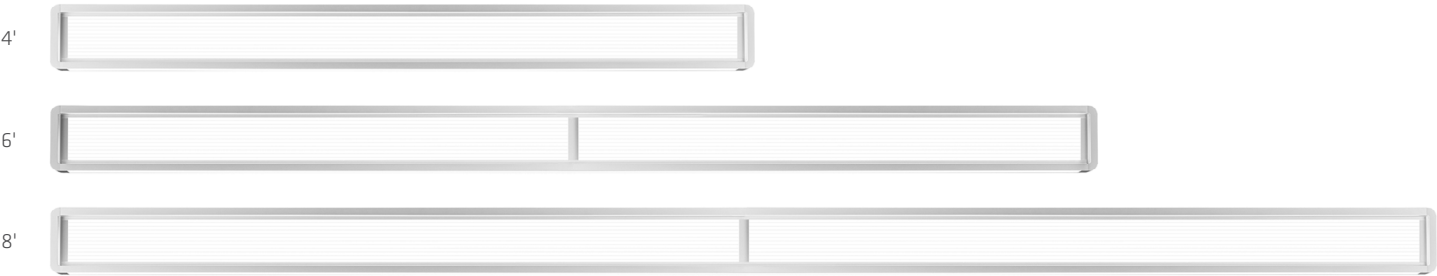
PRODUCT DETAILS



Transparent Anidolic Optic

RUN LENGTHS

Standalone fixtures are available in 4', 6' + 8' nominal lengths.



**IMPORTANT**

Endcaps and joiners are integral luminaire components.  
Do not remove them to change run layouts.

Run lengths are available in 2' nominal increments.

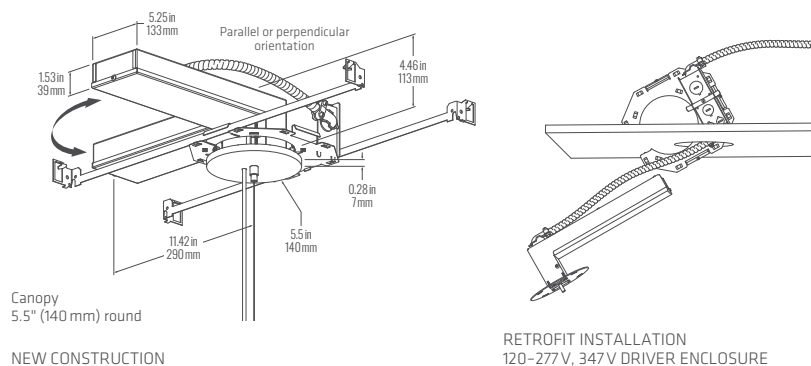


**CEILING INTEGRATION****INTEGRATED DRIVER, MOUNTING, POWER FEED, SUSPENSION AND CANOPY**

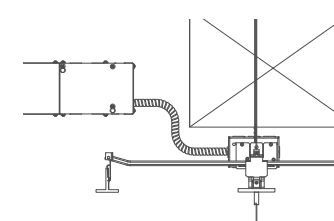
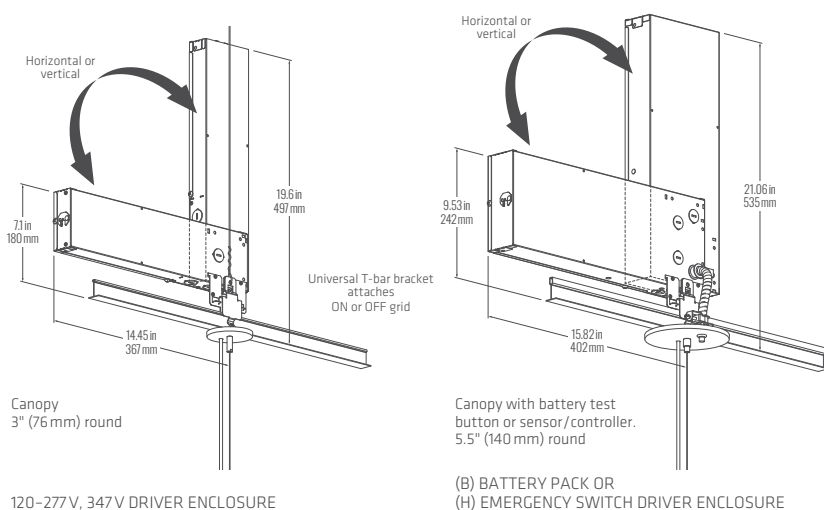
Refer to separate IDC (Integrated Driver Enclosure) datasheet for wiring and detailed dimensions of driver and mounting hardware.

**(D) DRYWALL**

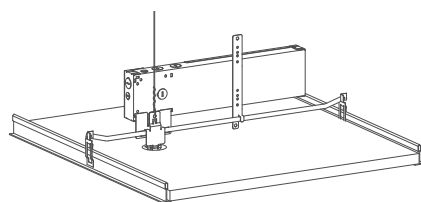
For GWB or panel ceiling < 0.875" (22 mm) thick.

**(C) GRID**

For accessible ceiling grid (acoustic tile) < 1.75" (44 mm) tall.



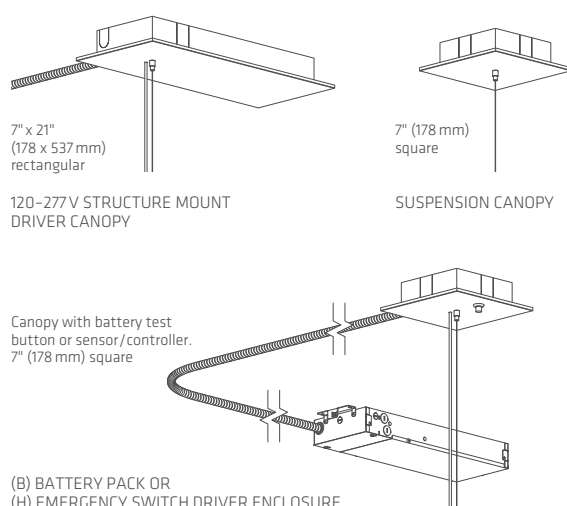
DETACHED METHOD



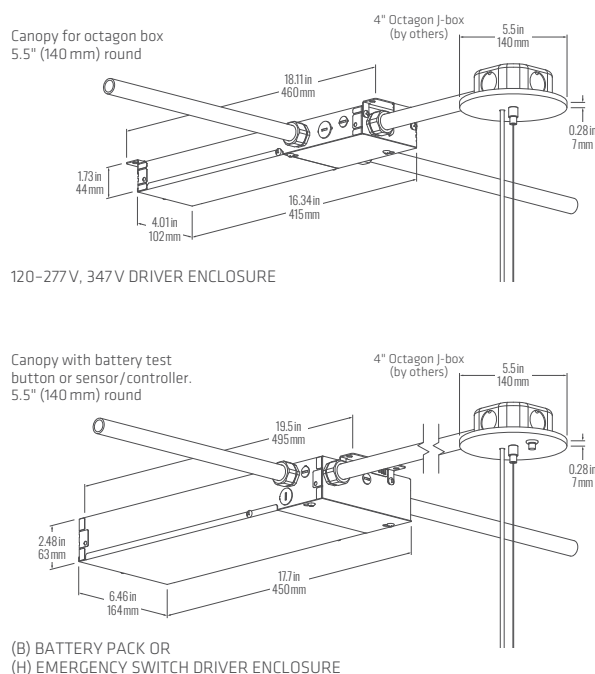
OFF GRID INSTALLATION

**(S) STRUCTURE**

For exposed ceiling with conduit or recessed junction box.

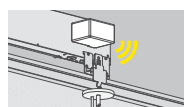
**(R) REMOTE**

External remote mounted driver for exposed ceiling with conduit or recessed junction box. See Notes for recommended wire gauge.



## CONTROLS &amp; SENSORS

## LUMINAIRE INTEGRATION



**V**  
Controller,  
Enclosure/Plenum Side



**R**  
Sensor,  
Remote/on Ceiling



**Y**  
Controller,  
Canopy/Room Side



**S**  
Sensor,  
on Canopy

Sensor/Controller preinstalled into suspension canopy or ceiling collar (for remote tile or J-box lid installation). Plenum rated cable whips and connectors for fast field activation.

## INDEPENDENT UP | DOWN



Separate on/off and dimming control of uplight and downlight. Ideal for presentations and video conferencing.

## PRODUCT VERSION

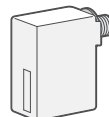
**3** Independent Up | Dn\*

\* Some Controls unavailable with Independent Up/Down due to space constraints – contact Fluxwerx.

**(N1)** Acuity  
nLight Wired



nLight wired, digital network.  
Model: nPS-80-EZ or nPS-80-EZ-ER  
(with **H** – Emergency Switching)

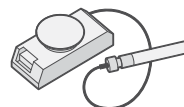


**VN1** nLight Wired Controller, Enclosure/Plenum Side

**(N2, N3)** Acuity  
nLight Air



Acuity nLight wireless network  
interfaces.  
Models: rIO, rPP20

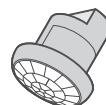


**VN2** nLight rIO Controller, Enclosure/Plenum Side  
**YN2** nLight rIO Controller, Canopy/Room Side  
**VN3** nLight rPP20 Controller, Enclosure/Plenum Side

**(E1)** Siemens  
Enlighted



Siemens Enlighted wireless smart  
sensor-controllers.  
Model: SU-5E-CL



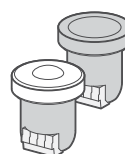
**RE1** Enlighted Smart Sensor, Remote/on Ceiling  
**SE1** Enlighted Smart Sensor, on Fixture/Canopy

Enlighted in Drywall ceiling requires (R) Remote driver.

**(L1)** Lutron  
Athena



Lutron Athena wireless smart  
controllers & sensors.  
Models: A-WN-D01-RF, A-WN-D01-OCC  
For YL1 and SL1:  
Default Athena color to match fixture/canopy color  
Canopy Athena  
WH WH  
SV BK  
BK BK  
For VL1 and RL1: default WH

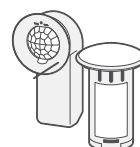


**VL1** Athena Controller, Enclosure/Plenum Side  
**YL1** Athena Controller, Canopy/Room Side  
**RL1** Athena Sensor, Remote/on Ceiling  
**SL1** Athena Sensor, on Canopy

**(M1)** Legrand  
Wattstopper  
PLUS



Wattstopper PLUS wireless smart  
controllers & sensors.  
Models: ZBHA-CLM, EN-CLM-PIR

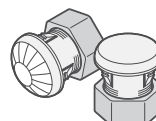


**VM1** Wattstopper PLUS Control Module,  
Enclosure/Plenum Side  
**YM1** Wattstopper PLUS Control Module,  
Canopy/Room Side  
**RM1** SensiLUM Sensor, Remote/on Ceiling  
**SM1** SensiLUM Sensor, on Canopy

**(V1)** Leviton  
Intellect



Leviton Intellect wireless smart  
controllers & sensors.  
Models: ZL0x0, ZL0x5



**VV1** Intellect Controller, Enclosure/Plenum Side  
**YV1** Intellect Controller, Canopy/Room Side  
**RV1** Intellect Sensor, Remote/on Ceiling  
**SV1** Intellect Sensor, on Canopy

Ask us about...

Pass & Seymour®

EATON

DISTECH  
CONTROLS

CRESTRON

CASAMBI

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Due to continuous product improvements, specifications and dimensions are subject to change without notice.  
Certain options have limited compatibility with some other product selections. Consult www.fluxwerx.com for most current technical information.

## NOTES

## CONSTRUCTION

- Anodized, extruded + machined architectural grade aluminum
- Precision machined aluminum joints and endcaps are factory preinstalled for seamless fit
- Stainless steel fasteners
- 0.04" (1.0 mm) stainless steel aircraft cable suspensions
- Clear anodized surface finish or powdercoated in white, metallic silver or black, canopies in white as standard

## OPTICAL

- Anidolic optical structures with linear light extraction elements
- Precision molded high transmittance clear acrylic lenses
- Long life mid-flux LED system designed for typical TM21 lumen maintenance  $\geq$  L90 @ 60,000 h
- Available in 3000 K, 3500 K, 4000 K with CRI  $\geq$  80 and R9  $\geq$  0, or CRI  $\geq$  90 and R9  $\geq$  50, all with color accurate binning  $\leq$  2 SDCM

## ELECTRICAL

- No electrical connections are required at fixture level for installation; low voltage power cords factory preinstalled
- High efficiency multivolt drivers, integrated with suspension and mounting components, for 50–60 Hz 120–277 V and transformer for 347 V
- Power Factor  $> 0.90$
- Total Harmonic Distortion  $< 20\%$
- Dim level: Standard 3%, optional 1% or 0.1%
- Surge Protection: Meets ANSI C82.11 spec and ANSI/IEEE C62.41
- Inrush Current: Meets NEMA 410

## EMERGENCY

- Optional Battery Pack delivers 10 W Class 2 rated output for 90 min. Use 12 W input energy to estimate emergency flux, typically 1150–1750 lm (@ 100–150 lm/W).
- Optional GTD (Generator Transfer Switch), 120–277 V, disables 0–10 V control during emergency for full light output

## WIRE GAUGE

- Recommended low voltage wire gauge (AWG) for minimal losses over distance when REMOTE mounting:

30 ft | 18 ga

50 ft | 14 ga

80 ft | 12 ga

## ENVIRONMENTAL &amp; CARE

- Designed for use in dry or damp indoor locations with ambient temperatures of 0–30°C (32–86°F)
- The luminaire may be damaged by chemicals such as chlorine, solvents, ammonia, alcohol or sulfur in the area of operation or in cleaning products. Damage from contaminants is not covered under warranty.
- Not suitable for natatorium environments, e.g. swimming pools, hot tubs and saunas.
- Clean only by wiping with a slightly water-damp, soft, clean cloth.

## WEIGHT

- Fixture only: ~ 1.5 lb/ft (2.2 kg/m)

## WARRANTY

- 5 year limited warranty on all components and workmanship

## INDEPENDENT TESTING



- IESNA LM79
- IESNA LM80 (LED @ 10,000 h)



## APPROVALS

- UL Listed (USA + Canada)
- CCEA Chicago Plenum
- Living Building Challenge (LBC) Declared

Protected by one or more US patents: 10215344, 10830415, 9733411, 9823406, D737500, D747539;  
EU patents: 002263830-0001, 002263830-0002, 002263830-0003, 002263830-0004, 002263830-0005,  
002263830-0006, 002263830-0007, 002263830-0008, 002263830-0009, 002263830-0010.

## DRIVERS + EMERGENCY

STANDARD DRIVER OPTIONS	
<b>OPTOTRONIC®</b> <b>ADVANCE</b> 	<b>F1</b> Non-Dim <b>F2</b> 0–10 V Dim 3% <b>F4</b> Line Voltage Dim 3% (Forward/Reverse) 120 V
<b>eldoLED®</b>	<b>E1</b> eldoLED ECO 0–10 V Dim 1% <b>E2</b> eldoLED SOLO 0–10 V Dim 0.1% <b>E3</b> eldoLED ECO DALI-2 DT6 Dim 1% <b>E4</b> eldoLED SOLO DALI-2 DT6 Dim 0.1%
	<b>L1</b> Lutron Hi-Lume 1% EcoSystem (LDE1)

EMERGENCY OPTIONS	
 	<b>B</b> Battery Pack Bodine BSL310 (10 W) <b>H</b> Emergency Switching Functional Devices ESRB Emergency Lighting Relay

Driver and emergency selection may be limited by product or version.  
For further options, contact Fluxwerx.

FAMILY PERFORMANCE

COLOR

80 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	83	83	83
Red Index (R9)	6	6	6
Fidelity (TM-30 R <sub>f</sub> )	83	84	83
Gamut (TM-30 R <sub>g</sub> )	96	97	96
Color Matching (SDCM)	< 2		

90 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	92	92	92
Red Index (R9)	63	63	59
Fidelity (TM-30 R <sub>f</sub> )	90	91	90
Gamut (TM-30 R <sub>g</sub> )	102	103	102
Color Matching (SDCM)	< 2		

Typical colorimetry values.

LUMEN MAINTENANCE

	A 19 W	B 23 W	C 29 W	D 38 W
L90 per TM-21 (hr)	> 60,000			
L70 Estimate (hr)	> 200,000			

OUTPUT MULTIPLIERS

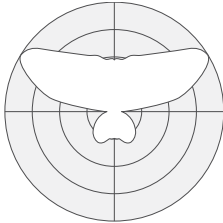
MULTIPLIER	Applies To	
90 CRI	0.80	All 80 CRI
Battery Pack	0.65	Energy A (19 W)

FINISH	70 Up   30 Dn	20 Up   80 Dn	Indep. Up   Dn
Black	0.93	0.74	0.92
Anodized / Silver	0.94	0.77	0.93

For 90 CRI, emergency BP or non-white fixtures, use multipliers to scale published Light (lm), Efficacy (lm/W), Intensity (Cd), Luminance (Cd/m²) and IES files.

VERSION PERFORMANCE

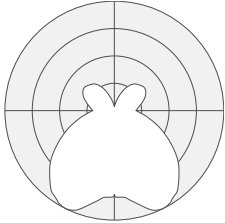
VU1xA – 70 Up | 30 Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT			LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/4ft)	POWER (W/4ft)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	UGR (4H x 8H)	
VU1xAx40 4000 K	A	19 W	2,381	18.43	129.2	196	171	2,490	10.7	 View Suspended 72% Up   28% Dn
	B	23 W	2,877	22.59	127.4	238	207	3,010	11.3	
	C	29 W	3,573	28.69	124.5	295	257	3,730	12.1	
	D	38 W	4,593	37.96	121.0	379	330	4,800	12.9	
VU1xAx35 3500 K	A	19 W	2,316	18.43	125.7	191	167	2,420	10.6	
	B	23 W	2,790	22.59	123.5	230	201	2,910	11.2	
	C	29 W	3,465	28.69	120.8	286	249	3,620	12.0	
	D	38 W	4,455	37.96	117.3	368	320	4,650	12.8	
VU1xAx30 3000 K	A	19 W	2,251	18.52	121.5	186	162	2,350	10.5	
	B	23 W	2,703	22.59	119.7	223	194	2,830	11.1	
	C	29 W	3,358	28.69	117.0	277	242	3,510	11.8	
	D	38 W	4,316	37.90	113.9	356	310	4,510	12.7	

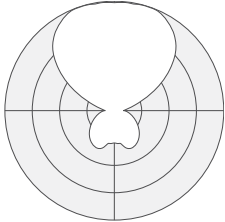


VERSION PERFORMANCE

VU1xB – 20 Up | 80 Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT			LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/4ft)	POWER (W/4ft)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	UGR (4H x 8H)	
VU1xBx40 4000 K	A	19 W	1,896	18.43	102.9	433	360	5,520	17.5	 View Suspended 27% Up   73% Dn
	B	23 W	2,291	22.59	101.4	523	435	6,670	18.1	
	C	29 W	2,845	28.69	99.2	650	540	8,290	18.9	
	D	38 W	3,630	38.33	94.7	829	689	>10,000	19.7	
VU1xBx35 3500 K	A	19 W	1,839	18.43	99.8	420	349	5,360	17.4	
	B	23 W	2,222	22.59	98.3	508	422	6,470	18.0	
	C	29 W	2,759	28.69	96.2	630	524	8,040	18.8	
	D	38 W	3,521	37.96	92.7	804	668	>10,000	19.6	
VU1xBx30 3000 K	A	19 W	1,781	18.43	96.7	407	338	5,190	17.3	
	B	23 W	2,153	22.59	95.3	492	409	6,270	17.9	
	C	29 W	2,673	28.69	93.2	611	508	7,790	18.7	
	D	38 W	3,411	37.96	89.9	779	648	9,940	19.5	

VU3xB – Indep. Up | Dn, 80 CRI

CONFIGURATION			LIGHT & POWER				VISUAL COMFORT			LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/4ft)	POWER (W/4ft)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	UGR (4H x 8H)	
VU3xBx40 4000 K	D	38 W	4,251	38.18	111.3	372	316	4,720	13.4	 View Suspended 70% Up   30% Dn
VU3xBx35 3500 K	D	38 W	4,123	38.18	108.0	361	306	4,580	13.3	
VU3xBx30 3000 K	D	38 W	3,995	38.18	104.6	350	296	4,440	13.2	

Photometry Reports: 11785417, 11841620, 11987249  
Due to continuous product improvements, specifications and dimensions are subject to change without notice.  
Photometry baseline established with integrating sphere and goniophotometer results from an independent accredited testing laboratory per IES LM-79, ANSI C78.377. Remaining values scaled from baseline data per IES LM-63. Output and power may vary by up to 5%.