

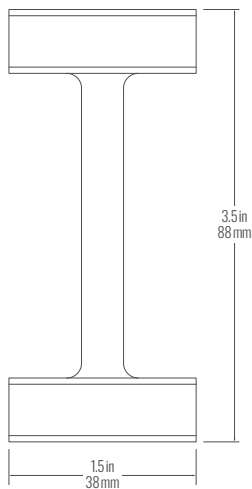
SPECIFICATION DATA
VIEW MINI (VM1|VM3)

CATALOG

PROJECT

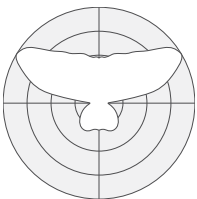
NOTES

CROSS SECTION

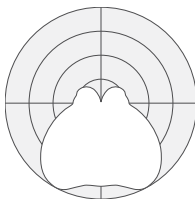
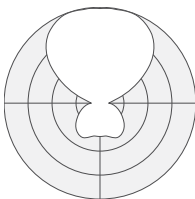


DISTRIBUTIONS

70 Up|30 Dn (VM1xA)



20 Up|80 Dn (VM1xB)

Indep. Up|Dn (VM3xB)
(Full: 70 Up|30 Dn)

PERFORMANCE FOCUS

70 Up|30 Dn, 80 CRI 4000 K (VM1xAx40)

	Energy (W/4ft)	Light (lm/4ft)	Efficacy (lm/W)
A	18 W	2350	132
B	22 W	3000	130
C	28 W	3700	130
D	36 W	4600	133

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/ft².
- 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.



SPECIFICATION DATA
VIEW MINI (VM1|VM3)

ORDER GUIDE

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

1	FAMILY	2	ENDCAP	3	DISTRIBUTION	4	ENERGY ¹	5	CRI-CCT	6	FINISH ²
VM1	View Mini	B Beam R Radius S Square		A	70 Up 30 Dn	A	18 W	30 80 CRI 3000 K 35 80 CRI 3500 K 40 80 CRI 4000 K 93 90 CRI 3000 K 90 90 CRI 3500 K 94 90 CRI 4000 K	A	Clear Anodized	
				B	20 Up 80 Dn	B	22 W		B	Black Powdercoat	
				C	28 W	C	28 W		S	Metallic Silver Powdercoat	
		D	36 W			W	White Powdercoat				
VM3	View Mini Independent Up Dn			B	Independent Up Dn Control (Full: 70 Up 30 Dn)	D	36 W			C	Custom Color (RAL)
							¹ Nominal input power /4 ft. Add 4 W for Battery Pack or 347 V.			² Fixture finish only. Canopies are standard white.	

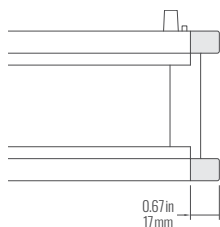
7	LENGTH	8	CEILING TYPE ⁴	9	DRIVER	10	VOLTAGE	11	SUSPENSION
04	4 ft	D Drywall		F1	Non-Dim	M	120-277 V	03	≤ 3 ft ⁷
06	6 ft	G Grid		F2	0-10 V Dim 3%	1	120 V ⁵	06	≤ 6 ft
08	8 ft	S Structure		F4	Line Voltage Dim (Fwd/Rev) 3% 120 V	2	277 V ⁵	12	≤ 12 ft
XX	x ft ³	R Remote		E1	eldoLED ECO 0-10 V Dim 1%	3	347 V ⁶	25	≤ 25 ft
				E2	eldoLED SOLO 0-10 V Dim 0.1%				
				E3	eldoLED ECO DALI-2 DT6 Dim 1%				
				E4	eldoLED SOLO DALI-2 DT6 Dim 0.1%				
				L1	Lutron Hi-Lume 1% EcoSystem (LDE1)				
³ Specify run length in 2' nominal increments. Important: Row lengths cannot be modified on site (factory installed endcaps & joiners).		⁴ Integrated driver with mounting, power feed, suspension + canopy, except for remote.				⁵ Fixed voltage only for (F4) Line Dim Driver or nLight controls. ⁶ 347 V transformer, not with Up Dn Control or Drywall ceiling.		⁷ View Mini 20 Up 80 Dn (VM1-B) is not recommended for close to ceiling applications. Use 70 Up 30 Dn distribution (VM1-A or VM3).	

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

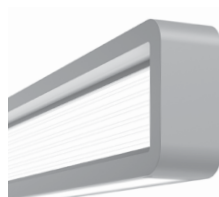
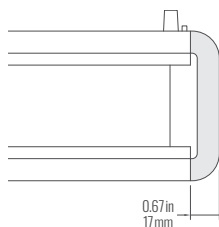
SPECIFICATION DATA
VIEW MINI (VM1|VM3)

ENDCAPS

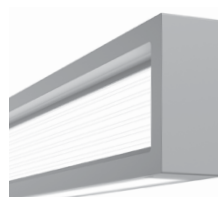
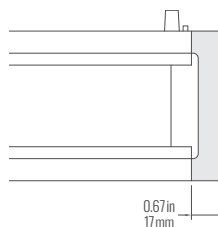
(B) BEAM



(R) RADIUS

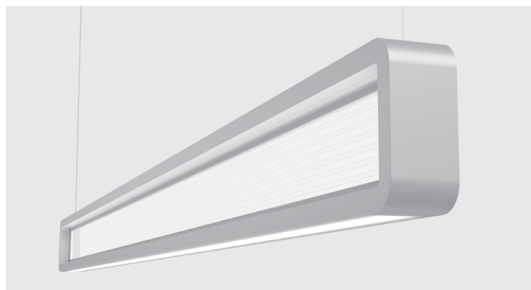


(S) SQUARE

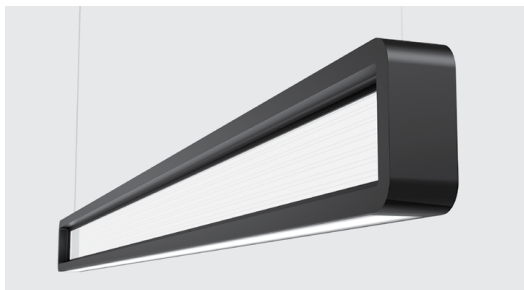


FINISHES

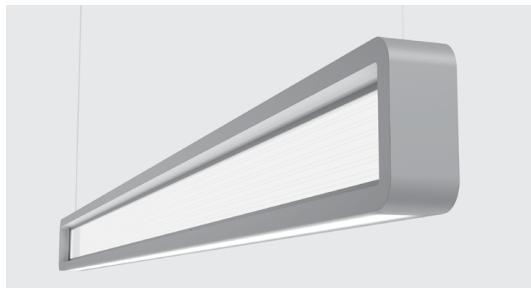
All finishes high temperature powder coated.



(A) CLEAR ANODIZED



(B) BLACK



(S) SILVER



(W) WHITE



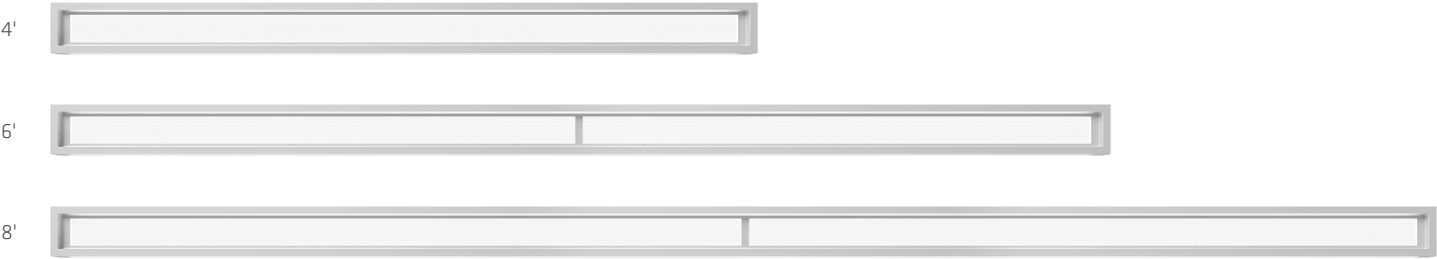
PRODUCT DETAILS



Transparent Anidolic Optic

RUN LENGTHS

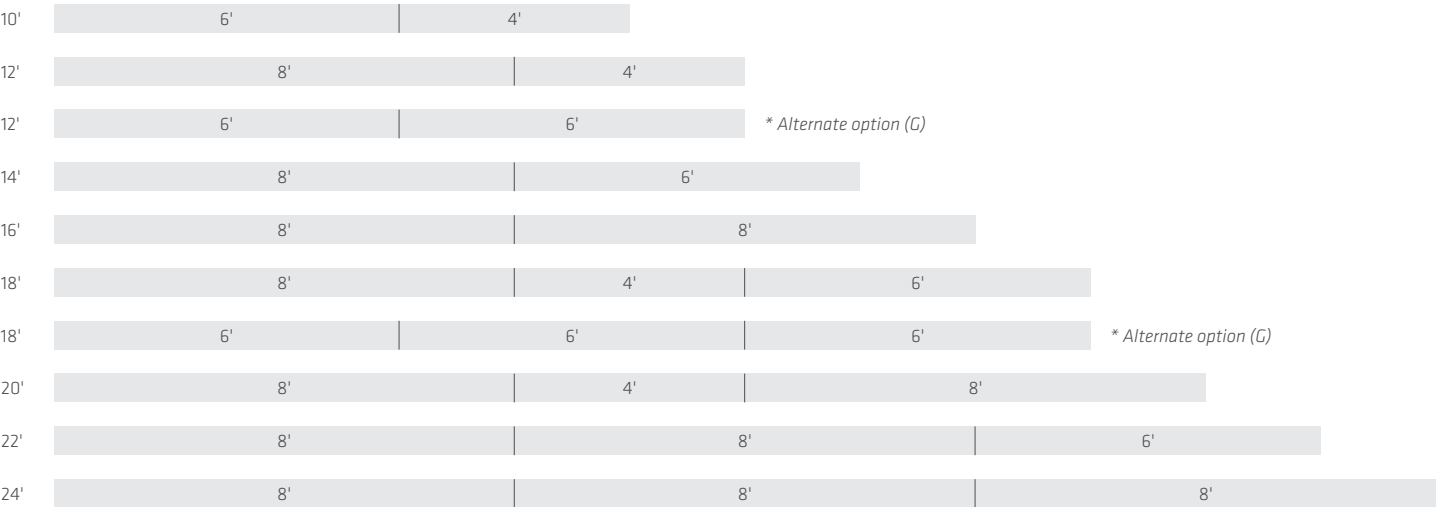
Standalone fixtures are available in 4', 6' + 8' nominal lengths.



IMPORTANT

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

Run lengths are available in 2' nominal increments.

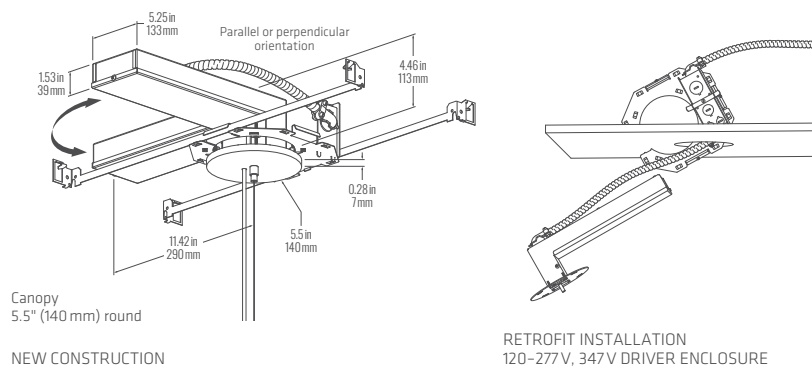


CEILING INTEGRATION**INTEGRATED DRIVER, MOUNTING, POWER FEED, SUSPENSION AND CANOPY**

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.

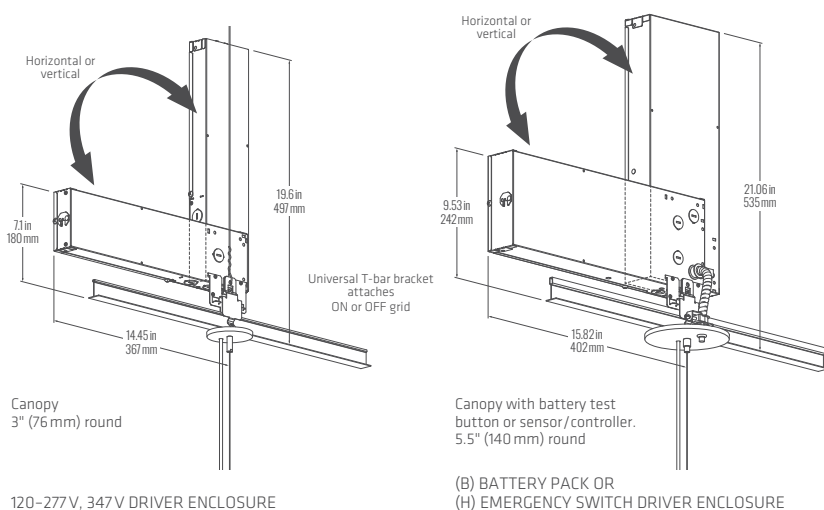


NEW CONSTRUCTION

RETROFIT INSTALLATION
120-277V, 347V DRIVER ENCLOSURE

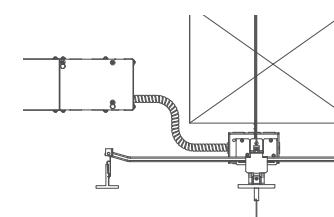
(C) GRID

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

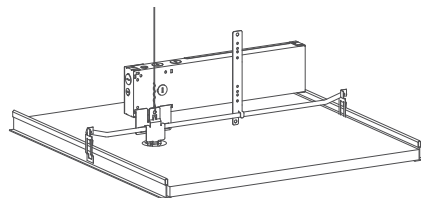


120-277V, 347V DRIVER ENCLOSURE

(B) BATTERY PACK OR
(H) EMERGENCY SWITCH DRIVER ENCLOSURE



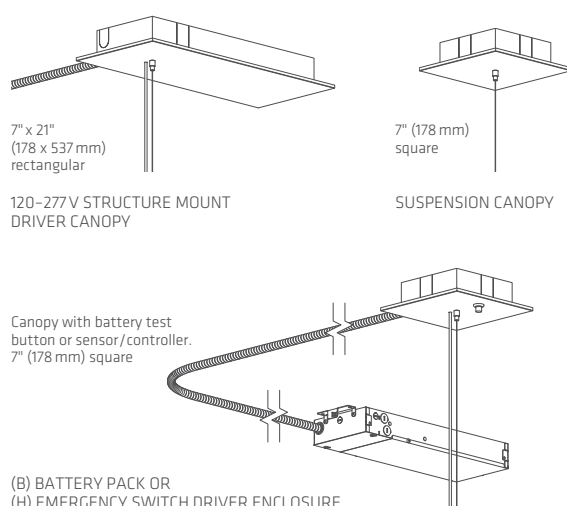
DETACHED METHOD



OFF GRID INSTALLATION

(S) STRUCTURE

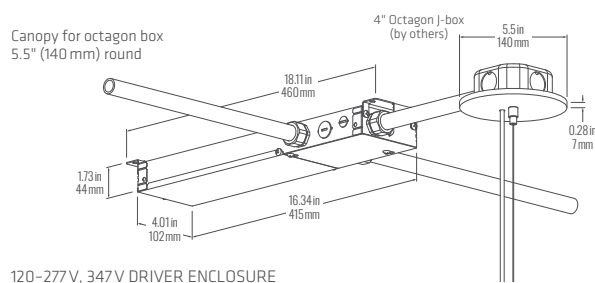
For exposed ceiling with conduit or recessed junction box.



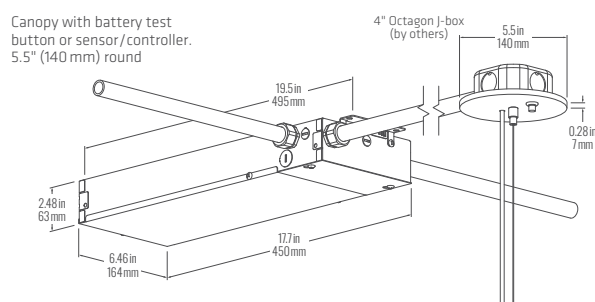
(B) BATTERY PACK OR
(H) EMERGENCY SWITCH DRIVER ENCLOSURE

(R) REMOTE

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



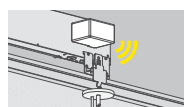
120-277V, 347V DRIVER ENCLOSURE



(B) BATTERY PACK OR
(H) EMERGENCY SWITCH DRIVER ENCLOSURE

CONTROLS & SENSORS

LUMINAIRE INTEGRATION



V
Controller,
Enclosure/Plenum Side



Y
Controller,
Canopy/Room Side



R
Sensor,
Remote/on Ceiling



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

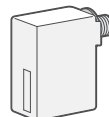
3 Independent Up|Dn*

* 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)

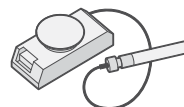


VN1 nLight Wired Controller, Enclosure/Plenum Side

(N2, N3) Acuity
nLight Air



Acuity nLight wireless network
interfaces.
Models: rIO, rPP20

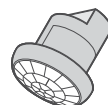


VN2 nLight rIO Controller, Enclosure/Plenum Side
YN2 nLight rIO Controller, Canopy/Room Side
VN3 nLight rPP20 Controller, Enclosure/Plenum Side

(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

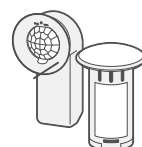


VL1 Athena Controller, Enclosure/Plenum Side
YL1 Athena Controller, Canopy/Room Side
RL1 Athena Sensor, Remote/on Ceiling
SL1 Athena Sensor, on Canopy

(M1) Legrand
Wattstopper
PLUS



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

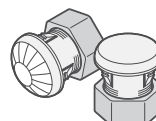


VM1 Wattstopper PLUS Control Module,
Enclosure/Plenum Side
YM1 Wattstopper PLUS Control Module,
Canopy/Room Side
RM1 SensiLUM Sensor, Remote/on Ceiling
SM1 SensiLUM Sensor, on Canopy

(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.

SPECIFICATION DATA

VIEW MINI (VM1|VM3)

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

EMERGENCY OPTIONS	
 	B Battery Pack Bodine BSL310 (10 W) H 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)	84	83	82
Red Index (R9)	9	7	4
Fidelity (TM-30 R _f)	84	84	84
Gamut (TM-30 R _g)	95	95	94
Color Matching (SDCM)	< 2		

90 CRI	4000 K	3500 K	3000 K
Color Rendering (CRI)	93	92	91
Red Index (R9)	63	61	60
Fidelity (TM-30 R _f)	90	89	90
Gamut (TM-30 R _g)	97	97	96
Color Matching (SDCM)	< 2		

Typical colorimetry values.

LUMEN MAINTENANCE

	A 18 W	B 22 W	C 28 W	D 36 W
L90 per TM-21 (hr)	> 60,000			
L70 Estimate (hr)	> 200,000			

OUTPUT MULTIPLIERS

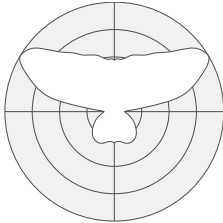
MULTIPLIER	Applies To		
90 CRI	0.84	All 80 CRI	
Battery Pack	0.66	Energy A (18 W)	

FINISH	70 Up 30 Dn	20 Up 80 Dn	Indep. Up Dn
Black	0.94	0.81	0.94
Anodized / Silver	0.95	0.84	0.95

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.

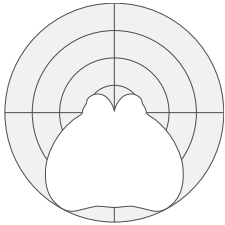
VERSION PERFORMANCE

VM1xA – 70 Up | 30 Dn, 80 CRI

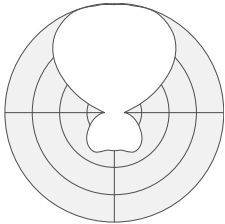
CONFIGURATION			LIGHT & POWER				VISUAL COMFORT			LIGHT DISTRIBUTION
CCT	ENERGY (NOM.)		LIGHT (lm/4ft)	POWER (W/4ft)	EFFICACY (lm/W)	MAX BEAM INTENSITY (Cd)	MAX INTENSITY 45-90° (Cd)	MAX LUMINANCE 45-90° (Cd/m²)	UGR (4H x 8H)	
VM1xAx40 4000 K	A	18 W	2378	18.08	131.5	192	172	3,050	11.0	 View Mini Suspended 74% Up 26% Dn
	B	22 W	2988	22.99	130.0	241	216	3,840	11.8	
	C	28 W	3698	28.44	130.0	299	267	4,750	12.5	
	D	36 W	4638	34.97	132.6	374	335	5,960	13.3	
VM1xAx35 3500 K	A	18 W	2362	18.02	131.1	191	171	3,040	11.0	
	B	22 W	2969	22.91	129.6	240	215	3,820	11.8	
	C	28 W	3674	28.34	129.7	297	266	4,720	12.5	
	D	36 W	4607	34.84	132.2	372	333	5,920	13.3	
VM1xAx30 3000 K	A	18 W	2255	18.00	125.3	182	163	2,900	10.8	
	B	22 W	2835	22.88	123.9	229	205	3,640	11.6	
	C	28 W	3508	28.30	124.0	283	254	4,510	12.3	
	D	36 W	4399	34.80	126.4	355	318	5,650	13.1	

VERSION PERFORMANCE

VM1xB – 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)	
VM1xBx40 4000 K	A	18 W	1850	18.18	101.8	436	384	7,300	19.3	 <p>View Mini Suspended 21% Up 79% Dn</p>
	B	22 W	2325	23.11	100.6	548	483	9,180	20.1	
	C	28 W	2877	28.58	100.7	678	598	>10,000	20.8	
	D	36 W	3608	35.15	102.7	851	750	>10,000	21.6	
VM1xBx35 3500 K	A	18 W	1829	18.17	100.6	431	380	7,220	19.2	
	B	22 W	2298	23.10	99.5	542	477	9,070	20.0	
	C	28 W	2844	28.58	99.5	671	591	>10,000	20.8	
	D	36 W	3566	35.14	101.5	841	741	>10,000	21.6	
VM1xBx30 3000 K	A	18 W	1746	18.15	96.2	412	363	6,890	19.1	
	B	22 W	2194	23.07	95.1	517	456	8,660	19.9	
	C	28 W	2715	28.54	95.1	640	564	>10,000	20.6	
	D	36 W	3405	35.09	97.0	803	707	>10,000	21.4	

VM3xB – 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)	
VM3xBx40 4000 K	D	36 W	4337	34.91	124.2	403	354	6,600	14.3	 <p>View Mini Suspended 69% Up 31% Dn</p>
VM3xBx35 3500 K	D	36 W	4287	34.90	122.8	399	350	6,520	14.3	
VM3xBx30 3000 K	D	36 W	4093	34.86	117.4	381	334	6,230	14.1	

Photometry Reports: 80200463, 80203483, 80207435, 14974230
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%.