

The Avanti Vandal Resistant series wall, pendant and ceiling mount luminaire is available with LumaLens lens and open door frame designed to replace HID lighting systems from 175w to 250w MH or HPS. Typical lighting applications include retail centres, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 4 to 8 metres can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Heavy-duty die cast aluminium housing and top frame. Can be tapped for side conduit entry.

Listing & Ratings:

CE: Listed for wet locations, ANSI/UL 1598, 8750

Note: If using the Quick-Mount Bracket, the power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket to maintain the Wet Locations listing. IP66 sealed LED compartment, IK10 Impact rating.

Finish:

Platinum powdercoat finish over a chromate conversion coating. Custom colours available upon request.

Lens:

SoftLED LumaLens opal UV-stabilised polycarbonate vandal-resistant lens

Mounting Options:

Surface mount or use optional stainless steel quick-mount bracket, adjustable bracket or yoke.

EasyLED LED:

Aluminium boards

Wattage:

47w array model: 57.8w (175w HID equivalent)

66w array model: 77.3w (250w HID equivalent)

Driver:

CE Certified Driver

Warranty:

5-year Warranty for -40°C to +50°C environment.

See page 2 for Projected Lumen Maintenance Table.

Vandal Resistant

EasyLED 614mm Linear LED Die Cast IP66

L70

25°C

138,000 Hours

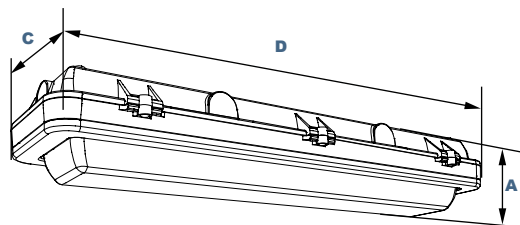


Dimensions

Width (D) 614mm

Length (C) 178mm

Height (A) 102mm



Order Information Example:

VRLA0EQF66U4KLP

VRLA0EQ	F		U	4K	L		
Model	Optics	Wattage	Driver	CCT	Lens	Colour	Options
VRLA0EQ= EasyLED Open Frame 614mm Linear LED Die Cast	F=Wide	47=47w 66=66w	U=CE Certified Driver	4K=4000K	L=SoftLED LumaLens Opal UV-Stabilised Polycarbonate Array Lens	P=Platinum C=Custom (Consult Factory)	EM=3 Hour Emergency Battery Backup

Certification & Listings:

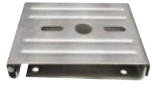


SoftLED



Specifications subject to change without notice.

Accessories & Replacement Parts:



VRLAQM



VRLBRSS*



VRL2AYSS*

*Shown Mounted

Mounting Accessories (Order separately, field installed)

VRLAQM Stainless steel quick mount bracket. Requires two brackets per fixture. Note: The power feed must be made at the drill point locations on the sides of the fixture, not through the Bracket, to maintain the Wet Locations listing.

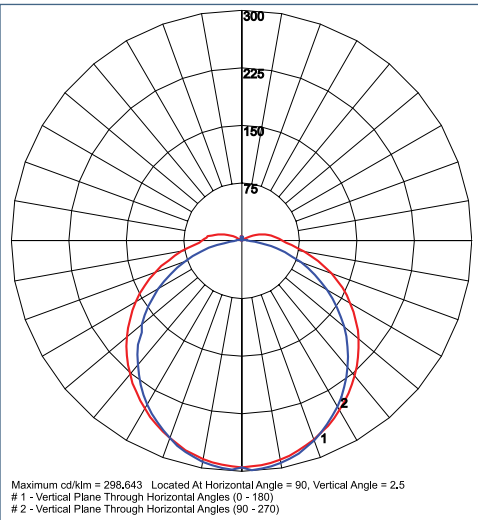
VRLBRSS Stainless steel adjustable bracket, set of two

VRLAYSS Stainless steel yokes for LV2AE, includes hardware.

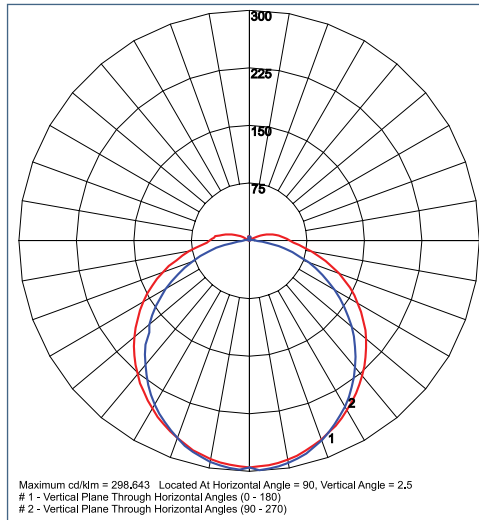
Replacement Parts (Order separately, field installed)

Contact factory for replacement Battery Backup.

Photometric Data



VRLA0EQF66U4KL
-Wide Optic



VRLA0EQF47U4KL
-Wide Optic

Photometric Performance

Variant	Drive Current (mA)	Wattage	Optics	SHR	4000 CCT 80 CRI	
					Lumen Output	Lim/cW
EasyLED 47w (LumaLens)	116	58	Open Frame (110° x 130°)	1.30	5,695	98
EasyLED 66w (LumaLens)		77	Open Frame (110° x 130°)	1.30	8,021	104

Projected Lumen Maintenance

Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				
		Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	58	1.00	0.95	0.90	0.81	154,000
L70 Lumen Maintenance @ 25°C / 77°F	77	1.00	0.95	0.89	0.78	138,000
Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				
Initial		25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C	
L70 Lumen Maintenance @ 50°C / 122°F	58	1.00	0.85	0.71	0.41	51,000
L70 Lumen Maintenance @ 50°C / 122°F	77	1.00	0.86	0.72	0.43	53,000
Data shown for 5000 CCT TM-21-11	Input Watts	Compare to MH				
Initial		25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C	
L80 Lumen Maintenance @ 40°C / 104°F	58	1.00	0.93	0.86	0.71	69,000
L80 Lumen Maintenance @ 40°C / 104°F	77	1.00	0.92	0.84	0.68	62,000

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.