



VANESSA combines high-end architectural styling with precision engineering to create a strong, elegant wet-location luminaire designed to complement wet exterior or interior installations.

The IP65 rated VANESSA Wall Graze delivers smooth and even illumination that reveals and accentuates texture with highlights and shadows to the desired space. Weather-sealing prevents water and moisture from entering the lens, power entry points and end-caps. Constructed of heavy gauge extruded aluminum, precision machined smooth end-caps and extruded acrylic lenses, VANESSA Wall Graze is built to last while withstanding elements associated with wet-location applications.

2 - 4 foot nominal lengths standard, continuous runs are available.



UL and c-UL listed for wet locations.



Made in the USA

FIXTURE SPECIFICATIONS

Construction

Heavy gauge square extruded aluminum housing. Precision-machined aluminum end-caps. Extruded acrylic clear lens. Stainless steel hardware. Concealed weather-seal gaskets at end caps, lens and power entry on all stand-alone or continuous run fixtures with an IP65 rating. Feed points accept 1/2" trade size threaded wet location conduit fittings.

Mounting

(WM) Wall Mount, (REC) Recessed.

Finishes

(SMT) Silver Matte Texture, (MW) Matte White, or (FB) Flat Black. Other powder coat finishes available. Consult factory for details.

LED Light Engine System

LED Light Engines are available as HLO (High Lumen Output) and SLO (Standard Lumen Output) providing efficient illumination. CLO (Custom Lumen Output) allows for end user specified lumen output or tailored wattage consumption for certain models. Consult factory for details.

Dimming

Dimming is available with a variety of control protocols and options. Consult factory for availability and specifications.

Acrylic Lens

Clear impact resistant extruded lens.

Fixture Length

Fixtures are available in 2' - 4' nominal lengths. Continuous run mounting available featuring water-sealed gaskets within knock-outs for maintaining WL rating. See installation section for more details.

Custom and Mods

We proudly specialize in manufacturing custom and modified luminaires and have the ability to modify most of our standard fixtures. Please contact factory with any inquiries.

www.birchwoodlighting.com

Type: Job Name:

Wall Mount | Recessed

SPECIFICATION CODE

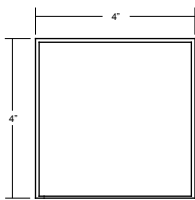
VAN-LED-WG-400

model light engine color temp length mounting feed finish voltage driver option option

Model	Light Engine	Color Temp	Nominal Length	Mounting	Feed	Finish	Voltage	Driver	Options
VAN-LED-WG-400	SLO - Standard Lumen Output	27 - 2700K 30 - 3000K 35 - 3500K	2 - 2' 3 - 3' 4 - 4'	WM - Wall Mount	STND - Standard	Powder Coat SMT - Silver Matte	120 277 347³	EB - Electronic (standard)	EM⁴ - Emergency Inverter
	HLO - High Lumen Output	40 - 4000K	6 - 6' ⁵ 8 - 8' ⁵	REC - Recessed	EFL - End Feed Left	Texture MW - Matte White		Dimming	HAT - High Ambient Temperature
	CLO³ - Custom Lumen Output		CR¹ - Continuous Run		EFR - End Feed Right	FB - Flat Black		D1 - 1% (nom) 0-10V	
					EF2 - End Feed (both ends)	CUP - Custom ²		D10 - 10% 0-10V	
					JBE - J-box extender				

[CLO Calculator](#)

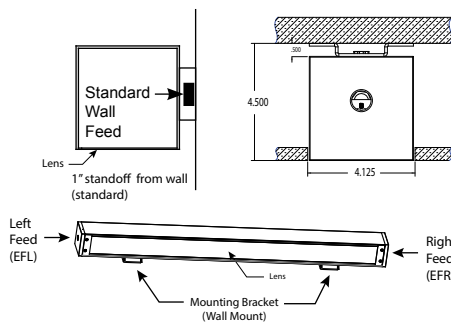
Dimensions



Mounting

WM - Wall Mount

REC - Recessed



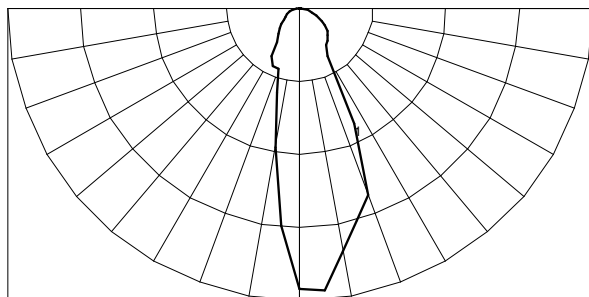
NOTES

- 1 specify length in nominal feet
- 2 contact factory for custom finish
- 3 available for EB, D1, D10 drivers only
- 4 EM's are remote mounted along with the test switch in a dry location, consult factory for more info
- 5 6' & 8' lengths are made up with (2) 3' fixtures or (2) 4' fixtures respectively

VANESSA is rated for operation with ambient temperatures not to exceed 40°C. Use specification code "HAT" for applications where ambient will be between 40° and 45°C. The "HAT" option is a thermistor which will control internal temperatures so as not to exceed internal device maximum temperature. At certain temperature thresholds, fixture will dim light output to keep internal temperatures within the acceptable range. Available for EB, D1 and D10 drivers only, consult factory for more details.

*see [option sheet](#) for details

Photometrics



Maximum Candela = 2469.89 Located At Horizontal Angle = 70, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180)

LED

VAN-LED-WG-400 (4000K FW lens)

SLO - 85 lm/watt delivered @ 4.4 w/ft consumed watts, 374 lm/ft.
HLO - 79.9 lm/watt delivered @ 9 w/ft consumed watts, 719 lm/ft.
CLO - refer to [CLO Calculator](#)
LED [supplement info](#)