

VANGUARD Series LED



Wire Guard

Visor

PROJECT NAME	
CATALOG #	
NOTES	

FEATURES

- > Three wattages available: 150W, 200W, 240W
- > Up to 150lm/W, lumen packages from 22,500lm / 30,000lm / 36,000lm
- > Color temperatures: 2000K - 6500K
- > Colored LED available: R/G/B/AMBER options
- > Wildlife Friendly for coastal areas.
- > Diversified light distributions to meet various applications
- > Double cable entry available - easy mounting
- > Equipped with low copper aluminum alloy body, special powder coating, stainless steel components, and hot-dip galvanized: all these anti-corrosion characteristics make the VANGUARD Series suitable for marine applications
- > LED chips are separated from the driver cavity ensuring exceptional heat dissipation and longer life span
- > Cover on the driver box is designed for anti-dislodging
- > Easy wiring with self-locking spring terminals
- > Ambient temperature:
 - 150W: -40°C to 65°C (-40°F to 149°F)
 - 200W: -40°C to 60°C (-40°F to 140°F)
 - 240W: -40°C to 50°C (-40°F to 122°F)
- > Housing: Aluminum Alloy (less than 0.4% copper content)
- > Finish: Powder Coat
- > Lens: Polycarbonate
- > LED Chips: LED 3030
- > Driver: Inventronics / MOSO
- > Surge Protection: 10kV line-line, 10kV line-earth
- > Expected Life: 244,000 hrs
- > Rating: IP66 & IK08
- > Color Rendering Index (CRI): 70/80/90

APPLICATIONS

- > Power Plants
- > Storage Facilities
- > Paper Mills
- > Waste Water Treatment Plants
- > Heavy Industrials
- > Loading Docks
- > Shipyards
- > Chemical Processing Facilities
- > Petrochemical Processing Facilities

CERTIFICATIONS AND LISTINGS UL:

- > Class I, Division 2, Groups A, B, C, D
- > Class II, Division 1, Groups E, F, G
- > Class II, Division 2, Groups F, G
- > Class III
- > NEMA 4X
- > UL 1598 - Wet Locations | UL 1598A - Marine | UL 8750 - LED Safety | UL 844 - Hazardous Locations

CSA Standard

- > CSA C22.2 No. 137
- > CSA C22.2 No. 250.0

LUMEN OUTPUT

Wattage (W)	150W	200W	240W
Lumens (Lm)	22,500 Lm	30,000 Lm	36,000 Lm

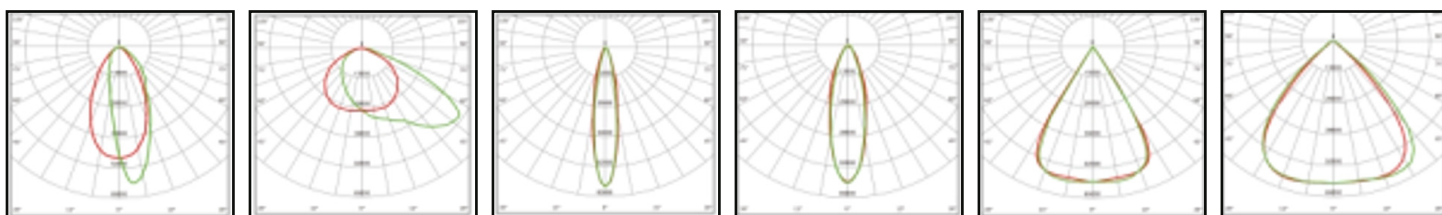
VANGUARD Series LED

VANGUARD ORDERING INFORMATION

SAMPLE ORDER NUMBER: VAN-15-1-01606-2-X-1-5

SERIES	WATTAGE	VOLTAGE	CCT	OPTICAL	CRI	ACCESSORIES	RATING	WARRANTY
VAN	15- 150W	1- 120-277V	1- 3000K	See Photometrics Codes Below	1- 70	X- None	1- Hazardous UL844	5- 5 Year
	20- 200W	2- 277-480V	2- 4000K		2- 80	1- Visor	2- Marine 1598A	10- 10 Year
	24- 240W		3- 5000K		3- 90	2- Wire Guard	3- Wet Location 1598	
			R- Red					
			G- Green					
			B- Blue					
		A- Amber						

PHOTOMETRICS



01601 (Type 1 Short)

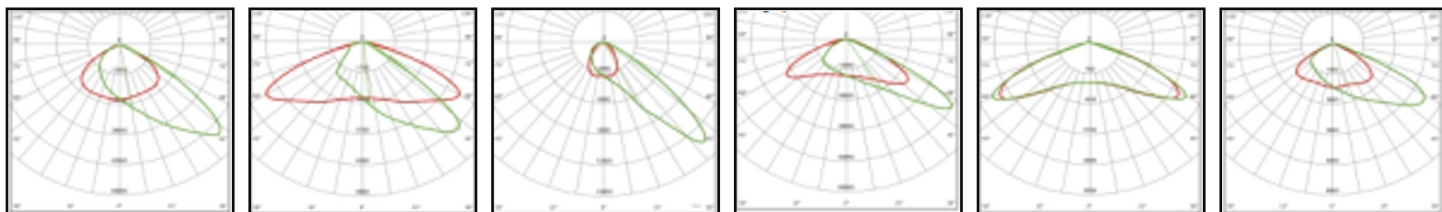
01602 (T4)

01603 (15°)

01604 (30°)

01605 (60°)

01606 (90°)



01608 (T2)

01609 (T2 Medium)

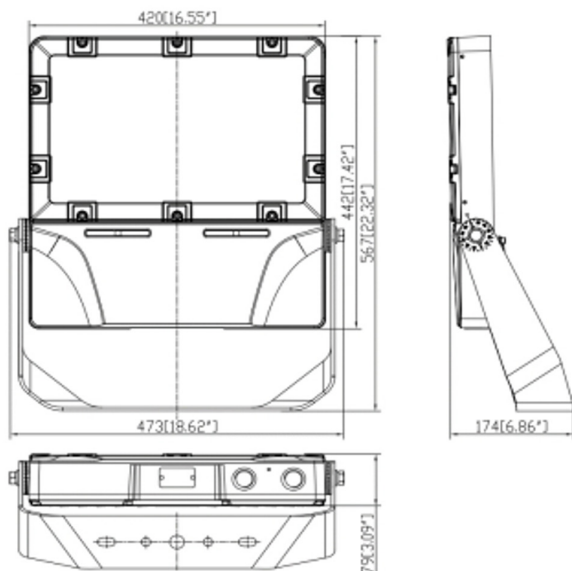
01610 (T2 Short)

01611 (Type IV Short)

01612 (Type V)

01613

MOUNTING DIMENSIONS



Product Dimensions	22.32" X 18.62" X 6.86"
Net Weight	28.6 LBS
Carton Size	26.77" X 20.87" X 6.30"
Gross Weight	31.90 LBS
EPA	2 FT ²