

# VGHL Flood Light

## Applications:

The Greenstar VGHL Series of Flood Light is the solution for competitive Area lighting. The rugged, corrosion-resistant, die cast aluminum housing is Outfitted with stainless steel hardware and an epoxy coating that offers a very long service life and weather resistant

## Features :

**Construction**—The VGHL series is designed with rugged, corrosion-resistant, die cast aluminum alloy housing with stainless steel hardware for durability and strength. An epoxy powder-coated finish provides excellent resistance to outdoor conditions.

**LED's**— VGHL incorporates advanced high efficiency LED's providing optimized combinations Lumen output with optics distribution of light delivery to uniformly illuminate target areas.

**Electrical**—Available in 120-277V or 347-480V at 50/60Hz. Power Factor of >95%. Total Harmonic Distortion (THD) is <10%. Exceeding Energy Star requirements, the VGHL conforms to industry, DOT, and government performance mandates and standards. Efficacy of 110+ lumens per watt enables the VGHL to properly manage heat dissipation while enhancing performance and longevity. Driver used are BIS or UL certified based on region selection for delivery.

**Optics**— Precision molded optics available in NEMA Type 3X3 (Narrow beam), 4X3 (Asymmetric Medium beam), 4X4 (Medium beam) 6X6 (Wide beam) and 7x7 (Extra Wide Beam). Lens mixing is also possible for enhanced optics distribution. This is very suitable for specific projects\*.

**LED Rated Life (L70)** - These high quality LED's are rated for approximately 100,000 hours @ 25°C (77°F) ambient environment per LM-80, TM21.

**Protection/Ingress**—LED and driver compartments are IP66 rated.

**Secondary Surge Protection**—10kV/5kA (ANSI/IEEE C64.41.2) as standard and replaceable.

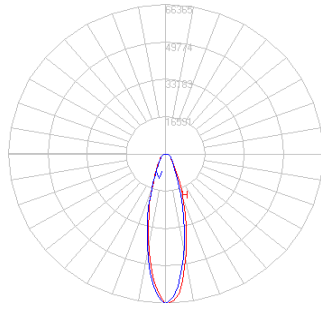
## Ordering Table:

Example: VGHL25044N1SX

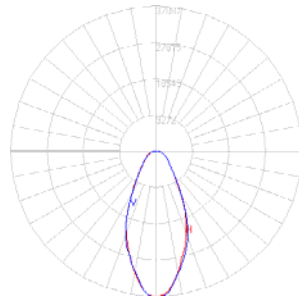
Model	Wattage	CCT	NEMA Distribution	Voltage	Color	Option 1
VGHL200	200		3=Narrow	1 = 120-277V	S=Silver	X = None
VGHL 250	250	4 = 4000K	4N=Narrow Wide			Z = Shorting Cap
VGHL300	300	5 = 5000K	4M=Medium Wide			P = Photocell
		6 = 5700K	6=Extra Wide			

\*Please contact Greenstar Sales team for more information on lens mixing.

## Photometric:

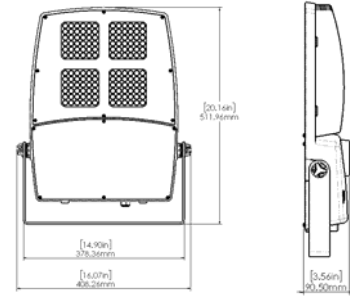


VGHL25044N1SX



VGHL300461SX

## Dimensions and Weights:



Weight=8Kg

## Performance Table:

Model	Input Watts	Input Current (A)			NEMA Distribution Type	LUMEN	Efficacy (Lm/W)
		120V	240V	277V			
VGHL	200W	1.68	0.859	0.752	3=Narrow 4N=Narrow Wide 4M=Medium Wide 6=Extra Wide	24000	≥120
VGHL	250W	2.1	1.06	0.94		30000	≥120
VGHL	300W	2.49	1.25	1.096		36000	≥120

## Mounting:

- Adjustable Mounting Bracket
- Accept Standard M10 bolts

*\*ETL Certification is yet to complete*

*NOTE: All Specification are subject to change without*

## Warranty:

Standard 5 year Warranty

