

# HBGO Series

## The GOLIATH™

Industrial LED Lighting

**60,000 Lumens!** | **105°C**  
Max Amb. Temp



CERTIFIED  
UL 1598

IP66



### CERTIFICATIONS / RATINGS

### KEY FEATURES AND BENEFITS

- Ultra high lumen output / high ambient temperature LED high bay lighting.
- 60,000 max lumen output.
- Ambient temperature range of -80°C to 105°C (-112°F to 221°F).
- C5-M epoxy marine grade standard finish in black or white.
- Optional PVDF (polyvinylidene fluoride) chemical repellent finish.
- Stainless steel dust cover keeps heat sink clear for longer life.
- \*IK07 impact rating on 500W model, IK08 impact rating on 350W/225W models.
- NORD-LOCK® anti-vibration washers included standard.
- NEMA ANSI C136.32 vibration standard compliant.
- Stainless steel safety cable included.
- Driver on Board technology.
- Anti-vulcanization LED light engine.
- Surge protection: >10kV.
- Trade Agreement Act (TAA) compliant.
- Optional wire guard.
- Up to 5 year warranty.

Shown with optional  
wire guard.



### SPECIFICATIONS

<b>Voltage</b>	120VAC / 208VAC / 277VAC / 480VAC
<b>Wattage</b>	225W / 350W / 500W
<b>Color Temp</b>	5000 Kelvin
<b>Ambient Temperature</b>	-80°C (-112°F) to 105°C (221°F)
<b>Housing</b>	Copper free aluminum alloy
<b>Color</b>	Black (standard) / white
<b>Lens</b>	Tempered glass
<b>Lifetime</b>	>53,000 at L70
<b>CRI</b>	>70
<b>Beam Angles</b>	70° (standard) / 110°
<b>Power Factor</b>	>0.88
<b>Protection</b>	IP66

### LUMENS

225W	350W	500W
25,000	39,250	60,000

### WARRANTY

Ambient Temperature	Warranty Length
65° (149°F) Max Ambient Temp.	5 Year Limited Warranty
85° (185°F) Max Ambient Temp.	2 Year Limited Warranty
105°C (221°F) Max Ambient Temp.	1 Year Limited Warranty

### PRODUCT ORDERING SELECTION

<b>HBGO</b>	<b>50</b>	<b>UB</b>	
<b>Series</b>	<b>Watts</b>	<b>Kelvin</b>	<b>Voltage</b>
<input checked="" type="checkbox"/> HBGO	<input type="checkbox"/> 225 - 225W <input type="checkbox"/> 350 - 350W <input type="checkbox"/> 500 - 500W	<input checked="" type="checkbox"/> 50 - 5000K	<input type="checkbox"/> 120V - 120VAC <input type="checkbox"/> 208V - 208VAC <input type="checkbox"/> 277V - 277VAC <input type="checkbox"/> 480V - 480VAC
<b>Beam Angle</b>	<b>Color</b>	<b>Mounting Options</b>	<b>Other Options</b>
<input type="checkbox"/> 70 - 70° (std) <input type="checkbox"/> 110 - 110°*	<input type="checkbox"/> BK - Black (std) <input type="checkbox"/> WH - White	<input checked="" type="checkbox"/> UB - Universal Bracket with Latching J-Hook	<input type="checkbox"/> PVDF - PVDF Chemical Resistant Finish (Black Only) <input type="checkbox"/> WG - Protective Wire Guard <input type="checkbox"/> VR - Visor

\* 110° beam angle not available for 500W models.

Cat. #	Type
Notes	

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## The GOLIATH™



5935 West 84th St. | Indianapolis, IN 46278 | 1-888-391-4822 | www.SolasRay.com

### MOUNTING

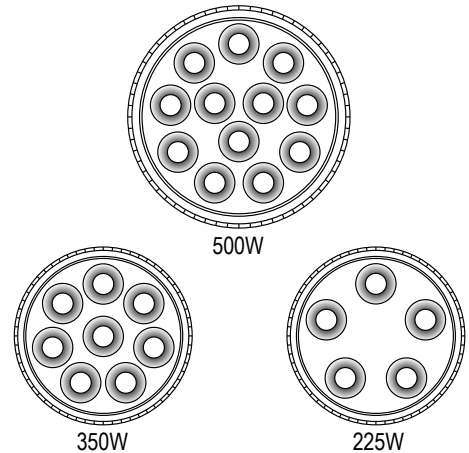


A universal mounting bracket with latching 304 stainless steel J-hook is included standard.

Bracket is adjustable 180°



### CONFIGURATIONS



### OPTIONAL PVDF FINISH

For harsh chemical environments, the Goliath is available with an optional PVDF coating. PVDF is a type of thermoplastic fluoropolymer derived from vinylidene fluoride. It is known for its high chemical resistance, UV resistance, and excellent weatherability.



### CHEMICAL AGENT RESISTANCE LIST

Acetamide 50%	Glykol	Salicylic acid
Acetic acid, aqueous solution 5%	Glysantin, aqueous solution 40%	Silicone oils
Acetic acid, aqueous solution 10%	Heating Oil	Soda lye, aqueous solution 50%
Ammonia solution 10%	Hydrachloric acid, aqueous solution 36%	Soda solution, aqueous solution 10%
Benzene	Hydrogen peroxide, aqueous solution 30%	Sodium bisulphate, aqueous solution 10%
Benzine	Ink	Sodium chloride, aqueous solution 10%
Boric acid, aqueous solution 10%	Isopropanol	Sodium nitrate, aqueous solution 10%
Butyl acetate	Lactic acid, aqueous solution 90%	Sodium thiosulphate 10%
Calcium chloride solution 10%	Linseed oil	Sulphur dioxide
Carbon trachloride	Methanol	Sulphuric acid, aqueous solution 2%
Chloroform	Mythylene chloride	Tartaric acid
Citric acid, aqueous solution 10%	Milk	Tetrahydrofurane
Cupric sulphate 10%	Nitric acid, aqueous solution 2%	Toluene
Cyclohexane	Oxalic acid, aqueous solution 10%	Transformer oil
Diesel Oil	Ozone	Trichlorethylene
Dioxane	Paraffin oil	Vaseline
Edible fats and oils	Perchlorethylene	Wax, molten
Ethanol 96%	Petroleum	Winer, Brandy
Ethyl acetate	Phenol, aqueous solution	Xylene
Ethyl ether	Phosphoric acid concentrate	Zinc chloride, aqueous solution 10%
Formaldehyde, aqueous solution 30%	Potassium dichromate, aqueous solution 10%	
Formic acid, aqueous solution 10%	Propanol	
Glycerine	Pyridine	

### WEIGHTS AND DIMENSIONS

#### WEIGHTS

Model	Weight
HBGO-225	33.7 lb
HBGO-350	33.7 lb
HBGO-500	53.4 lb

#### Dimensions

	225W / 350W	500W
A	17 3/4"	22 1/16"
B	20 1/2"	24 7/16"
C	8 1/4"	8 11/16"
D	14 11/16"	17 3/4"

