

BL Series

The BEAST™

Industrial High Bay LED Lighting



SOLAS RAY™ LIGHTING

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

Cat. #	Type
Notes	

CERTIFICATIONS / RATINGS



CERTIFIED
UL 1598

IP66



KEY FEATURES AND BENEFITS

- 20" Diameter design provides a large surface area to deliver optimal light output without the discomfort of glare.
- Superior passive cooling engineered for high temperature applications or locations.
- Angle mounted LEDs deliver light distribution similar to traditional HID lamps.
- Wide angle polycarbonate and wide angle acrylic drop lens evenly distributes light in all directions while also providing 10% uplighting.
- DLC approved.
- 1-10v dimming driver standard (If external access to dimming control wiring is needed, please request when ordering).
- Flat tempered glass lens option is available.
- Built-in 6kV DM (differential mode) and 10kV CM (common mode) surge protection.
- Aluminum housing with oven baked white nylon powder-coating.
- Proprietary silicone based potting compound used in driver for effective thermal conduction away from components.
- 10ft SOOW power cord included.



SPECIFICATIONS

Voltage	120-277VAC / 277-480VAC / 250VDC
Wattage	49w / 104w / 144w / 175w / 219w / 260w / 328w / 384w
Color Temp	5000 (Standard) / 4000 Kelvin
Housing	Die-cast aluminum
Color	White
Coating	Corrosion resistant nylon powder-coat
Lens	UV-resistant polycarbonate (standard) Flat tempered glass (optional)
Hardware	S304 stainless steel end caps

Ambient Temperature	-40°C (-40°F) to 65°C (149°F)
NPT	3/4"
Lifetime	100,000 hrs L70
CRI	≥ 70
Power Factor	> 0.95
Protection	IP66
Warranty	5 Year Limited Warranty

LUMENS / EFFICACY

49w	104w	144w	175w	219w	260w	328w	384w
5,800 lm	14,000 lm	18,600 lm	22,400 lm	26,700 lm	33,300 lm	41,000 lm	48,600 lm
118 lm/w	135 lm/w	129 lm/w	128 lm/w	122 lm/w	128 lm/w	125 lm/w	127 lm/w

PRODUCT ORDERING SELECTION

<input type="text"/>	-	<input type="text"/>	-	EX	-	<input type="text"/>	-	WT	-	<input type="text"/>	-	<input type="text"/>
Series/Watts		Kelvin		Driver		Voltage		Color		Mounting Options		Other Options
<input type="checkbox"/> BL06-049 (49w)		<input type="checkbox"/> 50 - 5000K (standard)		<input checked="" type="checkbox"/> EX - External		<input type="checkbox"/> U - 120-277VAC		<input checked="" type="checkbox"/> WT - White		<input type="checkbox"/> UB - Universal Bracket (Included)		<input type="checkbox"/> GL - Flat Tempered Glass Lens
<input type="checkbox"/> BL12-104 (104w)						<input type="checkbox"/> 48 - 277-480VAC				<input type="checkbox"/> PM3 - Pendant Mount 3"		<input type="checkbox"/> HDM - Medium Reflective Hood
<input type="checkbox"/> BL18-144 (144w)						<input type="checkbox"/> 250VDC - 250VDC				<input type="checkbox"/> PM6 - Pendant Mount 6"		<input type="checkbox"/> C5 - 5 Ft. Safety Cable
<input type="checkbox"/> BL22-175 (175w)		<input type="checkbox"/> 40 - 4000K								<input type="checkbox"/> PM12 - Pendant Mount 12"		<input type="checkbox"/> C10 - 10 Ft. Safety Cable
<input type="checkbox"/> BL27-219 (219w)										<input type="checkbox"/> PM18 - Pendant Mount 18"		<input type="checkbox"/> MS - Motion Sensor
<input type="checkbox"/> BL32-260 (260w)										<input type="checkbox"/> PM24 - Pendant Mount 24"		<input type="checkbox"/> EM-90 - Battery Backup
<input type="checkbox"/> BL40-328 (328w)										<input type="checkbox"/> PHS - Mounting Hook		<input type="checkbox"/> EMA40ACT-170 - Battery Backup
<input type="checkbox"/> BL50-384 (384w)										<input type="checkbox"/> WMB - Wall Mount Bracket		<input type="checkbox"/> WGHB - Wire Guard
										<input type="checkbox"/> CRMB - Crane Mount Bracket		

BL Series

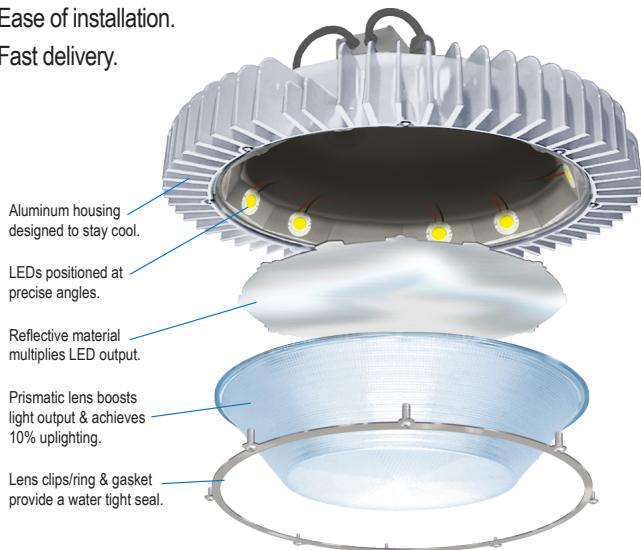
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The Beast™ features the perfect combination of LEDs, positioning, power, reflectivity, prisms and more to provide superior benefits and unique advantages over other industrial bay lighting.

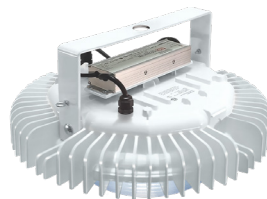
- Efficient 118-135 lumen per watt power utilization.
- 220° + wide light distribution spread.
- 10% uplighting eliminates the “cave effect”.
- Fewer bay lights needed and lights more efficiently.
- Includes universal bracket.
- Lens options available.
- Ease of installation.
- Fast delivery.



MOUNTING OPTIONS

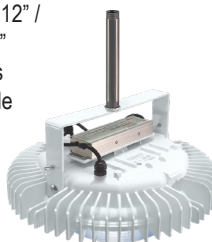
#UB - Universal Bracket

Included standard.
3/4" NPT threads.

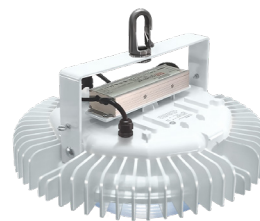


#PM(X) - Pendant Mount

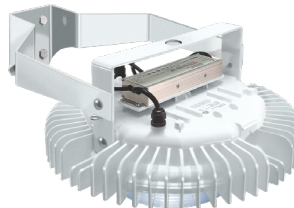
3" / 6" / 12" /
18" / 24"
Lengths
Available



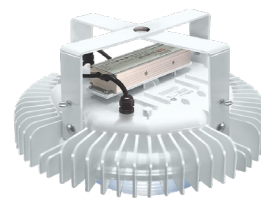
#PHS - Mounting Hook



#WMB - Wall Mount Bracket



#CRMB - Crane Mount Bracket



OTHER OPTIONS

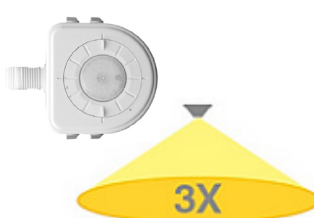
#HDM - Medium Reflective Hood



#WGHB - Wire Guard



#MS - Motion Sensor



#EM-90 - Battery Backup



#EMA40ACT-170 - Battery Backup



For 219W models and lower.

WEIGHTS AND DIMENSIONS

WEIGHTS

BL06	24 lb
BL12	24.5 lb
BL18	25 lb
BL22	25 lb
BL27	25 lb
BL32	26 lb
BL40	27 lb
BL50	28 lb

