

HJBR Series

The FOREMAN™

Hazardous Location LED Lighting



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

Cat. #	Type
Notes	

CERTIFICATIONS / RATINGS



CLASS / DIVISION

- Class I, Div 2, Groups A, B, C, D
- Class II, Div 1, Groups E, F, G
- Class II, Div 2, Groups F, G
- Class III

KEY FEATURES AND BENEFITS

- Three sizes for precise lighting based on wattage requirements.
- *DLC V5.1 Standard (120° beam angle only, 4000K/5000K)
- Internal EM battery option (15W / 90 min)
- **Impact resistance: IK08 (standard lens) / IK10 (glass globe with wire guard)
- Corrosion proof - UL 1598A marine rated.
- Powder coated aircraft aluminum housing.
- Stainless steel hardware and mounting bracket.
- Three wire access ports (1 top / 2 side - 180° apart).
- 5G vibration rated.
- 1000 hours salt spray test passed.
- NSF Rated.



Optional glass globe
w/ wire guard



NEW

2 side wire access
connection ports

SPECIFICATIONS

Voltage	120-277 VAC / 200-480VAC (20W/40W 120-277VAC Only)
Wattage	20W / 40W / 60W / 80W / 100W / 150W / 200W
Color Temp	4000 / 5000 Kelvin
Housing	Aircraft aluminum
Color	Gray (powder coated / marine rated)
Lifetime	100,000 hrs L70
CRI	>70
Efficacy	140-160 lm/W
Lens	Tempered glass (120° beam angle) Tempered glass with polycarbonate lens (90°/60°/40° beam angles) Tempered glass globe

Beam Angles	120° (Standard) / 90° / 60° / 40° / Globe
Ambient Temperature	-40°C (-40°F) to 50°C (122°F) - 20W-80W -40°C (-40°F) to 40°C (104°F) - 100W-200W (-10°C min temp with EM Battery)
T-Rating	T3
Power Factor	> 0.95
Protection	IP66 / IP67
Warranty	5 Year Limited Warranty - Fixture 3 Year Limited Warranty - Battery

LUMENS

20W	40W	60W	80W	100W	150W	200W
3,000	5,600	8,400	11,200	16,200	23,300	28,000

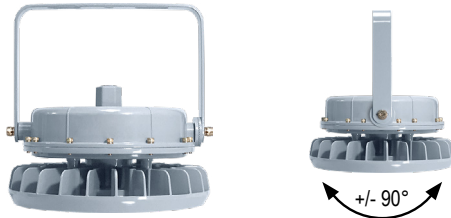
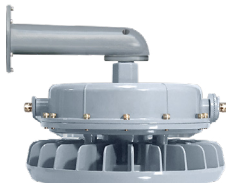
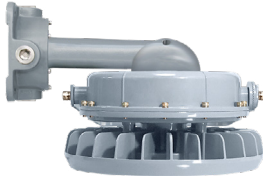
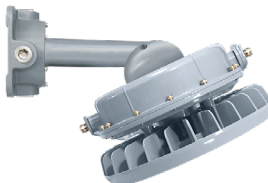
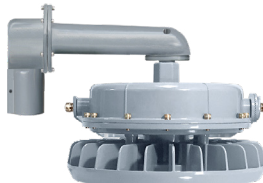
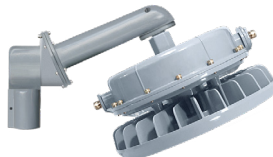
PRODUCT ORDERING SELECTION

HJBR2						
Series	Watts	Kelvin	Voltage	Lens / Beam Angle	Mounting Options	Other Options
☒ HJBR2	☐ 020 - 20W ☐ 040 - 40W ☐ 060 - 60W ☐ 080 - 80W ☐ 100 - 100W ☐ 150 - 150W ☐ 200 - 200W	☐ 40 - 4000K ☐ 50 - 5000K	☐ U - 120-277 VAC ☐ 48 - 200-480 VAC (20W/40W 120-277VAC Only)	☐ 120 - 120° Flat Lens (Std) ☐ 90 - 90° Flat Lens ☐ 60 - 60° Flat Lens ☐ 40 - 40° Flat Lens ☐ GL-HJGU - Globe Lens w/ Wire Guard	☐ HJTB - Universal/Trunnion Bracket ☐ HJCJB - Ceiling Junction Box ☐ HJPP - Pendant Pipe ☐ HJPP12 - 12° Pendant Pipe ☐ HJWA - Wall Arm ☐ HJW90 - 90° Junction Box Wall Arm ☐ HJW25 - 25° Junction Box Wall Arm ☐ HJPS90 - 90° Pole Stanchion ☐ HJPS25 - 25° Pole Stanchion	☐ HJDR - Dome Reflective Hood ☐ HJAR - Angled Reflective Hood ☐ EM - Emergency Battery Backup - 15W (100W and up / 120-277VAC models only) ☐ PCOL - Polycarbonate Outer Lens (recommended for food service applications)

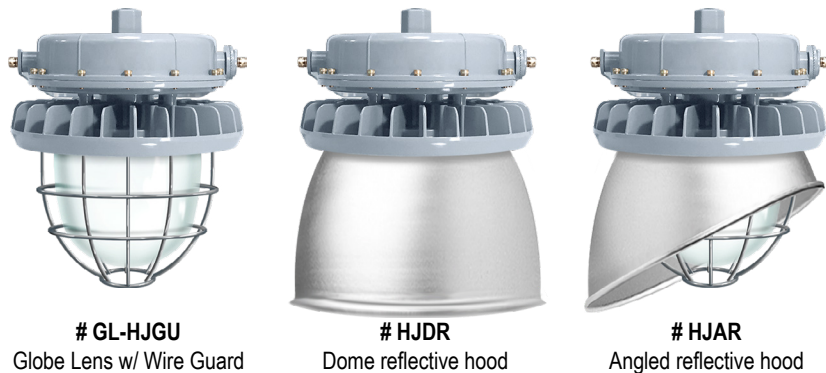
HJBR Series

The FOREMAN™

MOUNTING OPTIONS

#HJTB - Universal / Trunnion Bracket	#HJCJB - Ceiling Junction Box	#HJPP - Pendant Pipe	#HJPP12 - 12° Pendant Pipe	
Universal / Trunnion bracket may be used for ceiling or wall mounting. 				
#HJWA - Wall Arm	#HJW90 - 90° Junction Box Wall Arm	#HJW25 - 25° Junction Box Wall Arm	#HJPS90 - 90° Pole Stanchion	#HJPS25 - 25° Pole Stanchion
			 1.9" ID Designed for 1-1/2" pipe/pole top	 1.9" ID Designed for 1-1/2" pipe/pole top

OPTIONS



EM BATTERY OPTION (INTERNAL)

Available for 100W and higher / 100-277VAC models only.

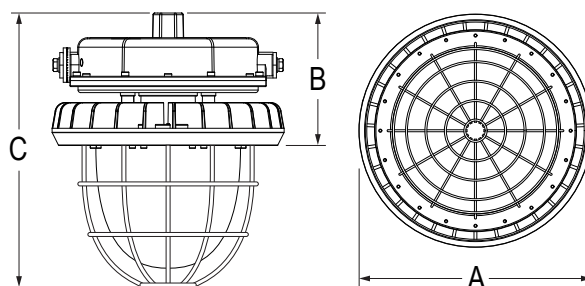
Input Rating	AC 120-277V
Output Wattage	15W
Battery Capacity	2000 mAh
Battery Run-time	90 minutes
Charge Time	≥ 24 hours
Ambient Temperature	-10°C (14°F) to 60°C (140°F)
Battery Warranty	3 Year Limited Warranty



WEIGHTS AND DIMENSIONS

WEIGHTS

Watts	Weight
20W - 40W	7.7 lb
60W - 80W	9.7 lb
100W - 200W	18.1 lb



DIMENSIONS

Watts	A	B	C
20W - 40W	9.2"	6.7"	14"
60W - 80W	10.6"	6.2"	15.5"
100W - 200W	14.6"	7.8"	15.5"