HTR9 Series

The MONITOR™ C Series

Hazardous Location Lighting

SOLAS RAY™ LIGHTING

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

Cat. #	Type
Notes	

60w

80w

100w

CERTIFICATIONS / RATINGS

c UL us LISTED · UL844 · CERTIFIED UL 1598 · IP67 · UL 8750 LED SAFETY · CSA C22.2 · CSA C22.2 · ABS · NEMA 6 · IEC · IECEx · Ex

KEY FEATURES AND BENEFITS

- Vibration / anti-resonance design.
- Crush resistant with high impact resistance.
- Marine grade housing / salt water spray resistant.
- Atmospheric pressure tolerance up to 10 meter depth.
- Factory installed stainless steel cable gland included standard. Precision machined and torque tested.
- 304 stainless steel bracket & hardware standard.
- IP67 rating.

Included cable gland

SPECIFICATIONS

Voltage	120VAC / 277VAC / 480VAC
Wattage	60W / 80W / 100W
Color Temp	3000 / 5000 Kelvin
Housing	Coated copper free aluminum alloy
Color	Gray
Lens	Tempered glass
Lifetime	60,000 hrs L_{70}
CRI	≥ 80 (3000K) / ≥70 (5000K)
Beam Angles	X-110° / Y-110°
Power Factor	cos ≥ 0.9, cos ≥ 0.87 (480vAC)
Protection	IP67 / NEMA 6
Warranty	5 Year Limited Warranty (See non-hazardous location applications for warranty exceptions)

LUMENS

Kelvin	60W	80W	100W
3000K	5,700	7,600	9,000
5000K	6,000	8,000	10,000

CLASS/ DIVISION / TEMPERATURE

Models	Class / Division	Ambient Temperature	T-Rating	IP Rating
HTR91C	Class I Division 1 Groups B, C, D	-40°C ~ +40°C (-40°F ~ 104°F)	T5	IP67
	Class II Division 1 Groups E, F, G	+40°C (+104°F)	T5	IP67
	Class III	N/A	N/A	IP67
HTR92C	Class I Division 2 Groups A, B, C, D	-40°C ~ +40°C (-40°F ~ 104°F)	T4	IP67
	Class II Division 2 Groups F, G	+40°C (+104°F)	T4	IP67

HIGH AMBIENT TEMPERATURE APPLICATIONS

Non-Hazardous Location Applications - Temperature / Warranty Information

Some models of this light are rated for high ambient temperature operation in **non-hazardous locations**. In hazardous locations, the lights **MUST** be operated within the UL rated temperature range detailed in the Class/Division/Temperature chart above. Warranty limitations apply to high ambient temp. operation.

Models	Max Ambient Temp.	Warranty
60W 120/277VAC	**100°C (212°F)**	1 Year Limited Warranty
60W All Voltages / 80W 120/277VAC	**85°C (185°F)**	2 Year Limited Warranty
All Models	**65°C (149°F)**	5 Year Limited Warranty

PRODUCT ORDERING SELECTION

	–		–		–		–		–	

Series
- ☐ HTR91C (CID1 / CIID1 / CIII)
- ☐ HTR92C (CID2 / CIID2)

Watts
- ☐ 060 - 60W
- ☐ 080 - 80W
- ☐ 100 - 100W

Kelvin
- ☐ 30 - 3000K
- ☐ 50 - 5000K

Voltage
- ☐ 120 - 120VAC
- ☐ 277 - 277VAC
- ☐ 480 - 480VAC

Mounting Options
- ☐ AB - Adjustable Bracket (Wall, Ceiling & Hanging)
- ☐ PM - Pendant Mount
- ☐ SM25 - 25° Pole Stanchion
- ☐ SM90 - 90° Pole Stanchion
- ☐ CM - Ceiling Mount
- ☐ RTM - Rotation Triangle Mount
- ☐ WM - Wall Mount

HTR92C Models Only

- ☐ JB - J-Box Mount (Class I, Div 2 Only)

Other Options
- ☐ 316SS - 316 Stainless Steel Bracket & Hardware
- ☐ FLC - Fluorocarbon Coating
- ☐ REF-16 - 16.5" Reflective Hood (HTR92C Only)

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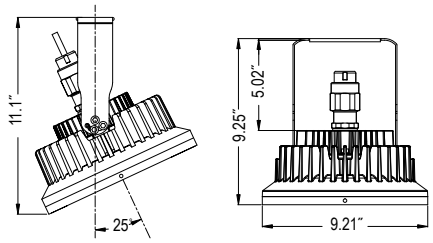
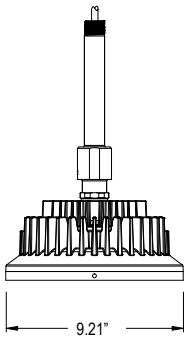
MOUNTING OPTIONS

#AB - Adjustable Bracket

Adjustable bracket may be used for ceiling or wall mounting

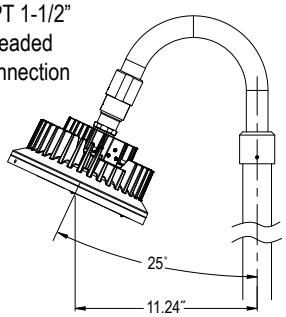


#PM - Pendant Mount



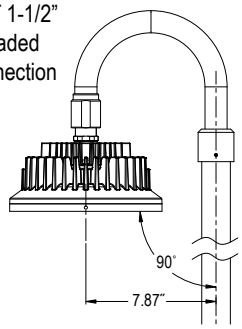
#SM25 - 25° Pole Stanchion

NPT 1-1/2" threaded connection

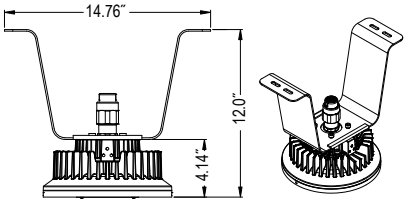


#SM90 - 90° Pole Stanchion

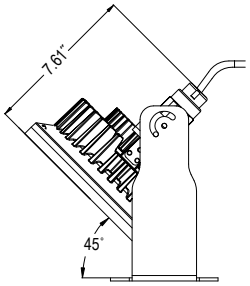
NPT 1-1/2" threaded connection



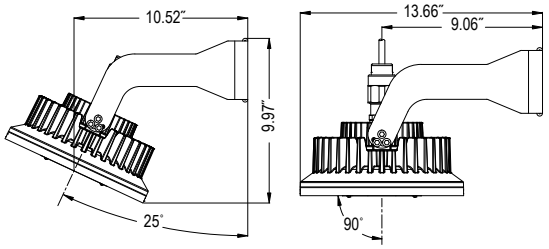
#CM - Ceiling Mount



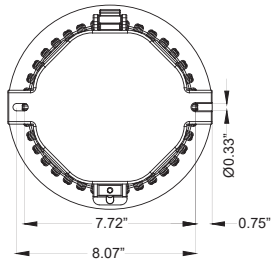
#RTM - Rotation Triangle Mount

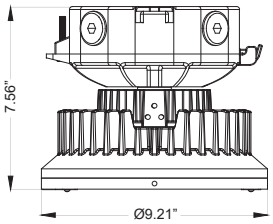


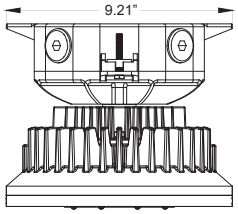
#WM - Wall Mount



#JB - J-Box Mount





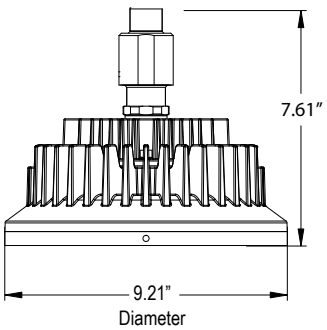


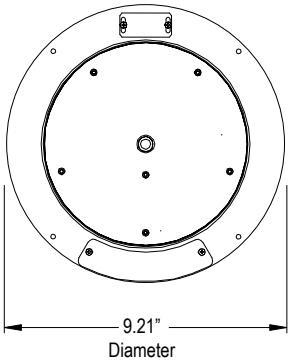
Class I, Division 2 Group A,B,C,D Only

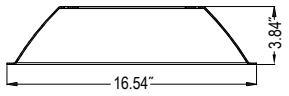
In this configuration, the following are the only ratings that apply:
UL 844
UL 1598 Luminaires
UL 8750
CSA C22.2 No. 137-18
CSA C22.2 No. 250.0
CSA C22.2 No. 250.13

WEIGHTS AND DIMENSIONS

Weight	
Without Bracket	12.1 lbs
With Bracket	16.3 lbs







#REF-16 - 16.5" Reflective Hood

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