# HTR7 Series

## *The LOOKOUT™ 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 | |

40w

60w

CRUSH RESISTANT HOUSING | MARINE GRADE | High Vibration RESISTANCE | TAA COMPLIANT

## CERTIFICATIONS / RATINGS

c UL us LISTED | UL844 | CERTIFIED UL 1598 | UL 8750 LED SAFETY | IP67 | ABS | CSA C22.2 No. 137-M1981 | CSA C22.2 No. 30-M1986 | CSA C22.2 No. 25-1996 | CSA C22.2 No. 250.0 | CSA C22.2 No. 250.13 | 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.
- 304SS stainless steel bracket & hardware standard.

Included cable gland

## SPECIFICATIONS

| | |
|---|---|
| **Voltage** | 24VAC / 120VAC / 277VAC / 480VAC |
| **Wattage** | 40W / 60W |
| **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<br>(See non-hazardous location applications for warranty exceptions) |

### LUMENS

| Kelvin | 40w | 60w |
|---|---|---|
| **3000K** | 3,800 | 5,700 |
| **5000K** | 4,000 | 6,000 |

### CLASS/ DIVISION / TEMPERATURE

| Models | Class / Division | Ambient Temperature | T-Rating | IP Rating |
|---|---|---|---|---|
| **HTR7C1** | Class I Division 1<br>Groups B, C, D | -40°C ~ +40°C<br>(-40°F ~ 104°F) | T6 | IP67 |
| | Class II Division 1<br>Groups E, F, G | +40°C<br>(+104°F) | T4 | IP67 |
| | Class III | N/A | N/A | IP67 |
| **HTR7C2** | Class I Division 2<br>Groups A, B, C, D | -40°C ~ +40°C<br>(-40°F ~ 104°F) | T3C | IP67 |
| | Class II Division 1<br>Groups E, F, G | +40°C<br>(+104°F) | T4 | IP67 |
| | Class III | N/A | N/A | 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 |
|---|---|---|
| 40W 120/277VAC | **100°C (212°F)** | 1 Year Limited Warranty |
| 40W & 60W 120/277/480 VAC | **85°C (185°F)** | 2 Year Limited Warranty |
| All Models | **65°C (149°F)** | 5 Year Limited Warranty |

## PRODUCT ORDERING SELECTION

| Series | Watts | Kelvin | Voltage | Mounting Options | Other Options |
|---|---|---|---|---|---|
| ☐ HTR7C1 (CID1 / CIID1 / CIII)<br>☐ HTR7C2 (CID2 / CIID1 / CIII) | ☐ 040 - 40W<br>☐ 060 - 60W | ☐ 30 - 3000K<br>☐ 50 - 5000K | ☐ 024 - 24VAC<br>☐ 120 - 120VAC<br>☐ 277 - 277VAC<br>☐ 480 - 480VAC | ☐ AB - Adjustable Bracket (Wall, Ceiling & Hanging)<br>☐ PM - Pendant Mount (HTR7C2 Only) | ☐ 316SS - 316 Stainless Steel Bracket & Hardware<br>☐ FLC - Fluorocarbon Coating<br>☐ REF-14 - 14.5" Reflective Hood (HTR7C2 Only) |



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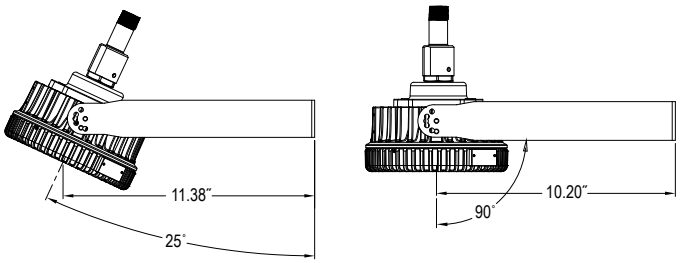
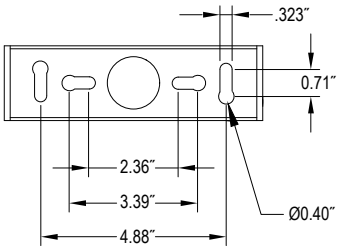
## MOUNTING OPTIONS

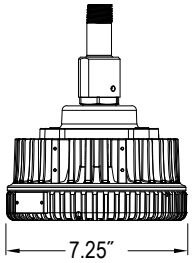
| #AB - Adjustable Bracket | #PM - Pendant Mount |
|---|---|

Adjustable bracket may be used for ceiling or wall mounting



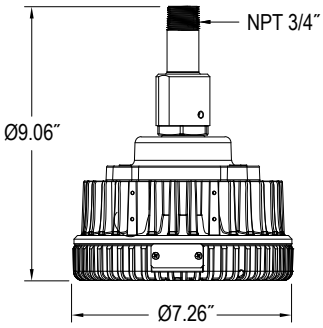

Bracket Template

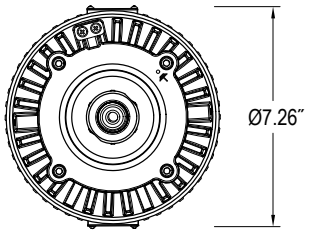


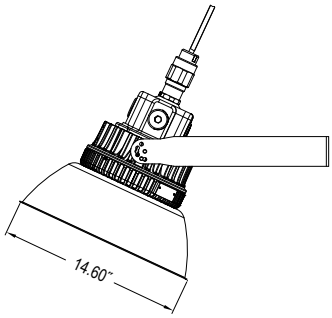




## WEIGHTS AND DIMENSIONS

| Weight | |
|---|---|
| Without Bracket | 9.9 lbs |
| With Bracket | 11.0 lbs |




#REF-14 - 14.5” Reflective Hood



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