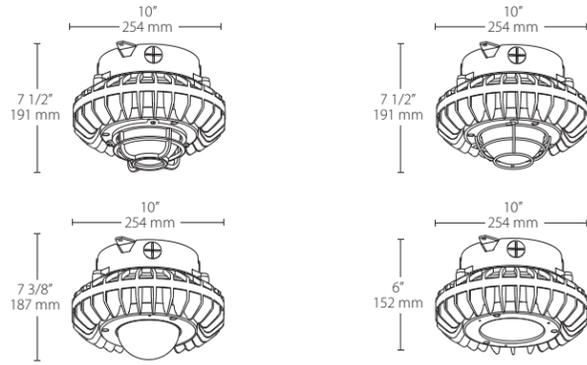
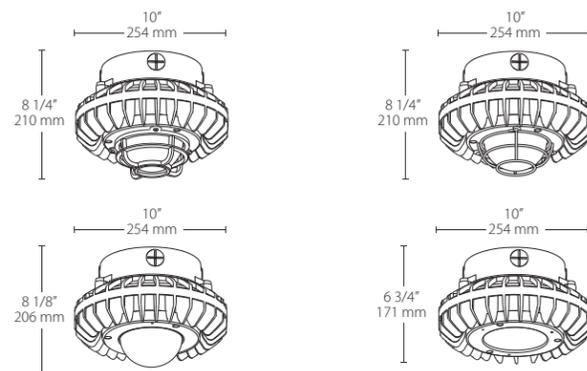


Dimensions & Weight

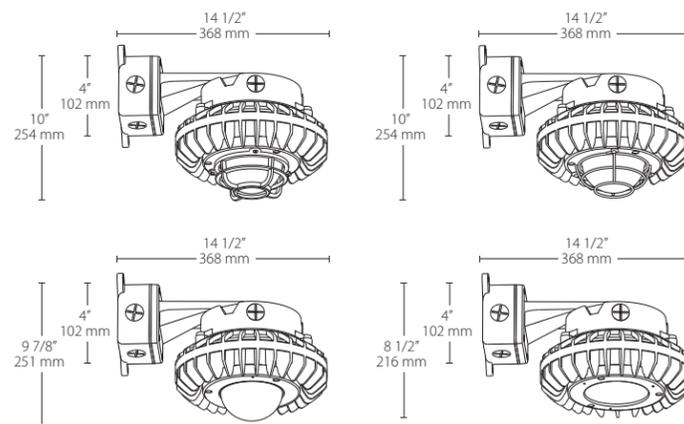
Ceiling Mount - Weight: 10.5 lbs. / 4.8 kg. (with globe and die-cast guard)



Pendant Mount - Weight: 10.5 lbs. / 4.8 kg. (with globe and die-cast guard)



Wall Mount - Weight: 13.3 lbs. / 6 kg. (with globe and die-cast guard)



Ordering Information

Product Family	Wattage	Lens/Globe	Optional Guards
HAZLED Ceiling Mount	26 26W	CF Clear Flat Lens	G Wire Guard
HAZPLED Pendant Mount	42 42W	FF Frosted Flat Lens	DG Die-cast Guard
HAZBLED Wall Mount		C Clear Globe	
		F Frosted Globe	

Hazardous Location Classifications

Class I, Division 2, Groups A, B, C and D

Class I: A hazardous location in which *flammable gases or vapors* may be present in the air in sufficient quantities to be explosive or ignitable, such as petroleum refineries, aircraft hangars, dry cleaning plants, utility gas plants or storage areas for liquified petroleum or natural gas, and spray finishing areas.

Division 2: Abnormal condition, where ignitable concentrations of flammable gases, vapors or liquids are not likely to exist under normal operating conditions, for example:

- Closed storage drums containing flammable liquids in an inside storage room would not **normally** allow the hazardous vapors to escape into the atmosphere. But if one of the containers is leaking, you've got an abnormal condition.

Groups A - D: The gases and vapors of Class I locations are broken into four groups by the Code: A, B, C, and D. These materials are grouped according to the **ignition temperature** of the substance, its **explosion pressure**, and other flammable characteristics.

- **Group A** - The only substance in Group A is acetylene because it is a gas with extremely high explosion pressures.
- **Group B** - This group includes hydrogen and other materials with similar characteristics.
- **Group C & D** - The most usual Class I groups. They comprise the greatest percentage of all Class I hazardous locations. Found in Group C is ethylene. Found in Group D are many of the most common flammable substances such as butane, gasoline, natural gas and propane.

UL Listing

Product complies with the following standards:

1. Standard for Luminaires for Use in Hazardous (Classified) Locations, **UL 844**
2. Standard for Luminaires, **UL 1598**
3. Light Emitting Diode (LED) Light Sources for Use in Lighting Products, **UL 8750**

cUL Listing

Product complies with the following standards:

1. **CSA C22.2 No. 137** - Electric Luminaires for Use in Hazardous Locations
2. **CSA C22.2 No. 250.0-08** - CSA Standard for Safety for Luminaires

IP66 Rating

- No ingress of dust; complete protection against contact (dust tight)
- No ingress of water projected in powerful jets from any direction

T Ratings

HAZLED™ 26W model is T3C rated and 42W model is T2B rated.



Designed with 57 years of experience in hazardous location lighting.

Introducing the Class I Div 2 HAZLED™.

HAZLED™
HAZARDOUS LOCATION LED

RAB®
LIGHTING
RABWEB.COM • 888-722-1000



- Available in 26W (replaces 100W MH) or 42W (replaces 175W MH)
- Class I, Division 2, Groups A, B, C, D
- IP66, UL 1598, UL 8750 and UL 844 ratings
- Resistant to shock and vibration
- Three mounting options: ceiling, pendant or wall
- Rugged construction ensures long-life and safe operation
- 100,000-Hour LED lifespan
- 5-Year, no-compromise warranty

Specifications

UL Listing

Please see back page for complete UL listings

LEDs

Multi-chip, high-output, long-life LEDs

Drivers

26W - Constant Current, Class 2, 100-277V, 50/60 Hz, 700mA, THD <20%, PF 95%

42W - Constant Current, Class 2, 100-277V, 50/60 Hz, 1050mA, THD <20%, PF 95%

Lifespan

100,000-Hour LED Lifespan based on IES LM-80 results and TM-21 calculations

Wattage	26W	42W
Input Watts	28.3	42.3
Output Lumens*	2878	3810
Lumens Per Watt*	102	90
Color Accuracy (CRI)*	70	70
Color Temperature (CCT)	5000K	5000K

Maximum Ambient Temperature

55°C (131°F) for 26W models. 40°C (104°F) for 42W models.

Thermal Management

Superior heat sinking with external Air-Flow fins

Housing

Die-cast aluminum housing, lens frame and mounting arm

Hardware

All external hardware is stainless steel

Reflector

Semi-specular aluminum

Lens/Globes

Clear or frosted glass lens, clear or frosted glass globes

Mounting

Three mounting styles: ceiling mounting with (2) steel lugs; 3/4" NPT threaded pendant; or wall mounting with junction box included.

Gaskets

Closed cell silicone gasket

Finish

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Color Stability

LED color temperature warranted not to shift more than 200K in CCT in 5 years

Color Uniformity

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Green Technology

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

IESNA LM-79 & LM-80 Testing

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

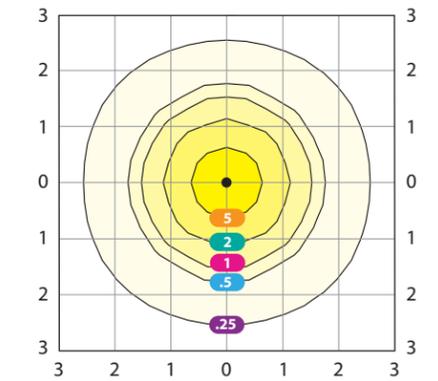
California Title 24

26 Watt HAZLED complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture ≤ 30 Watts when used with a remote mounted photosensor control.

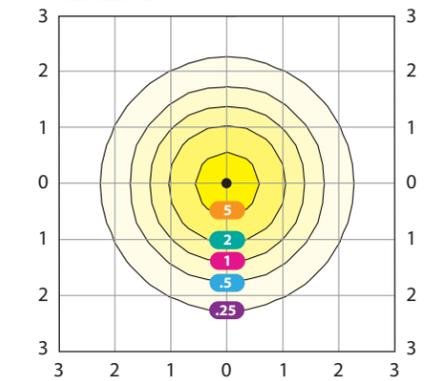
*Values shown for cool temperature with clear globe only. For other performance, visit rabweb.com.

Photometrics

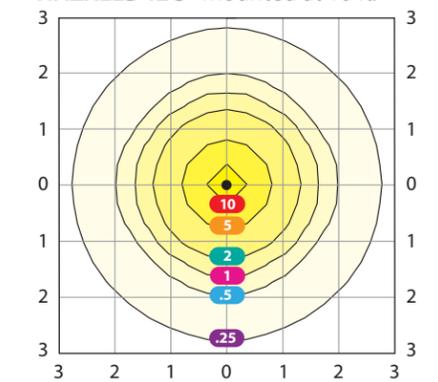
HAZXLED26C - Mounted at 10 ft.



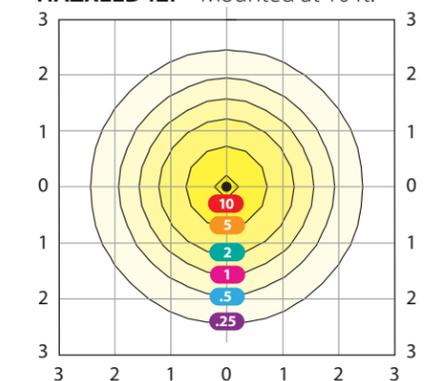
HAZXLED26F - Mounted at 10 ft.



HAZXLED42C - Mounted at 10 ft.



HAZXLED42F - Mounted at 10 ft.



Mounting Height	10	12	15	18	20
Multiplier	2.3	1.6	1.0	0.7	0.6

Grid scale: multiples of mounting height • Values shown in footcandles
Photometric Reports #ITL79182, #ITL79186, #ITL79200, #ITL79204