CANNON™ GHRL

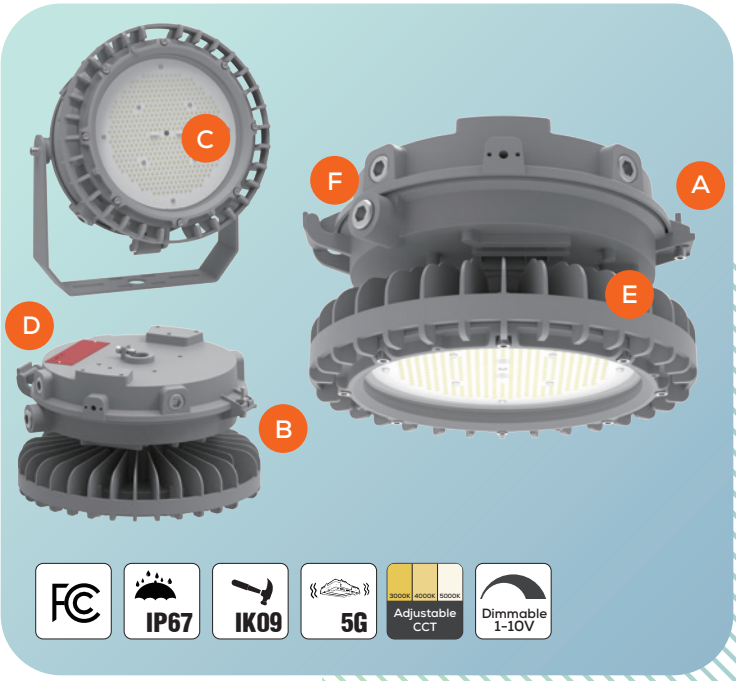
GHRL UL844 listed lighting is designed for oil and gas, mining, metal processing and other environments with flammable and ignitable elements.

CLASS I DIV. 2 | CLASS II DIV. 1
CLASS II DIV. 2 | CLASS III

c UL us LISTED

ABS

KEY FEATURES



A **EASY INSTALLATION.** Single barrel nut and hinge design, one-hand operation for quick and easy installation

B **LOW PROFILE.** 196mm in height with maximum 32,000 lumen output fits perfectly for mounting in confined areas.

C **HIGH EFFICACY.** Lumens efficacy up to 170lm/W, reducing energy costs by up to 75% over conventional lamps.

D **RETROFIT FRIENDLY**. Universal mounting accessories minimizes the SKUs and maximizes the flexibility.

E **BUILD TO LAST**. Copper-free aluminum housing and impact resistant lens sealed from the outside environment provides ingress protection against water and dust.

F **EXPANDABILITY**. Sensor can be attached on the light to realize the intelligent application.

HAZARDOUS LOCATION LIGHTING

CLASSIFICATIONS

NEC/CEC Standard

UL 844 Hazardous Locations
- Class I Division 2, Group A, B, C, D
- Class II Division 1, Group E, F, G
- Class II Division 2, Group F, G
- Class III
- Class I, Zone 2, Group IIC

CSA C22.2 No.137
CSA C22.2 No.250.0
UL 1598 Wet Locations
UL 1598A Marine Outside Type (Salt Water)
UL 8750 LED Safety
ABS, FCC
IP66/67 | IK09 | 5G | NEMA 4X

TECHNICAL DATA

ELECTRICAL & OPTICAL

Rated Power	80W / 100W / 150W / 200W
Input Voltage	100-277, 347-480V/AC
Input Frequency	50/60Hz
Lumen Output	13,600lm ~ 32,000lm
Luminous Efficacy	160 - 170lm/W
Beam Angle	T1, T3, 110°
Color Temperature	Amber 2700K 3000K 4000K 5000K
CRI	Ra>70

ENVIRONMENTAL & TECHNICAL

Ambient Temperature	-40°C~+65°C (80W 100W 150W) -40°C~+60°C (200W)
Ambient Humidity	10%~90% RH
Lens Material	Glass / PC / Drop lens
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT

OPTIONS AND WARRANTY

- Glass lens standard, PC, drop lens options
- CCT Adjustable (3000K/ 4000K /5000K)
- Wire guard
- Safety cable
- Dark sky visor
- 10kV surge protector is standard, 20kV is optional
- 1-10V dimming capabilities
- L70 › 150,000 operation hours @ 25°C
- 5-year limited system warranty

7 MOUNTING OPTIONS

Pendant

Ceiling

Trunnion Bracket

Wall 90°

Wall 25°

Stanchion 25°

Stanchion 90°