

Flint™ GHSM series LED explosion proof lighting is designed to be installed in areas where flammable gases, vapors, or dusts are present in sufficient quantities to create a risk of explosion or fire. Shock and vibration resistant withstand the use in the most hazardous environments.

Compliance

NEC/CEC Standard

UL 844 Hazardous Locations

- Class I Division 1, Group B, C, D
- 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 1, Group IIB+H2
- Class I, Zone 2, Group IIC
- Zone 21, Zone 22

UL 1598 Wet Locations

UL 1598A Marine Outside Type (Salt Water)

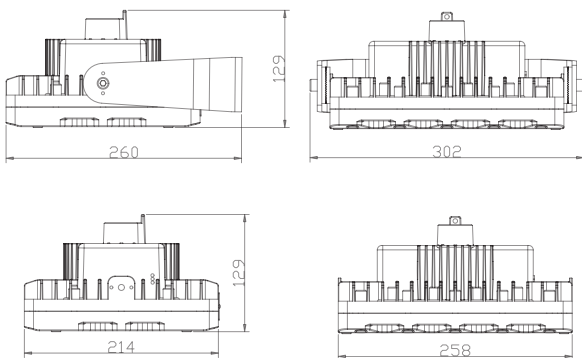
UL 8750 LED Safety

CSA C22.2 No.137-M1981

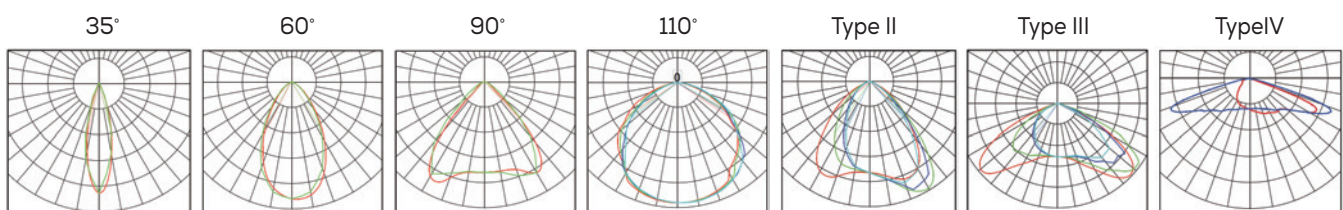
CSA C22.2 NO. 250.0

Dimensions

Dimensions in millimeters (mm)



Beam Distribution



Technical Data

Electric

Rated Power	20W / 40W / 60W
Input Voltage	AC100-277, 347-480V
Input Frequency	50/60Hz
Power Factor	> 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	< 200mVP-P

Optical

Lumen Output	3200lm ~ 9600lm
Luminous Efficacy (Lumens per Watt)	160Lm/W
Beam Angle	35° / 60° / 90° / 110° / T2 / T3 / T4
Correlated Color Temperature (CCT)	Amber 2700K 3000K 4000K
CRI	Ra>70

Environmental

Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106kPa

Technical

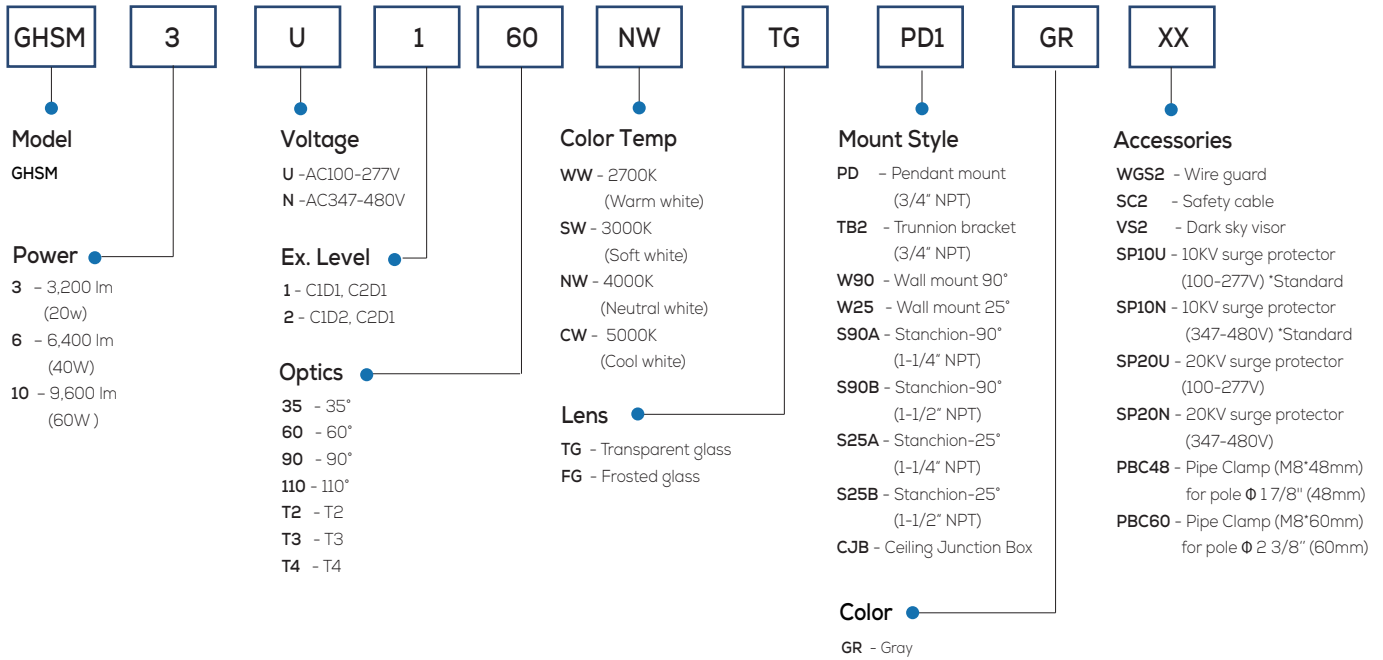
Lens Material	Glass
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cabling	1m leads standard (L/N/G, Dim+, Dim-) Special request for various length
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	6.3kg

Warranty

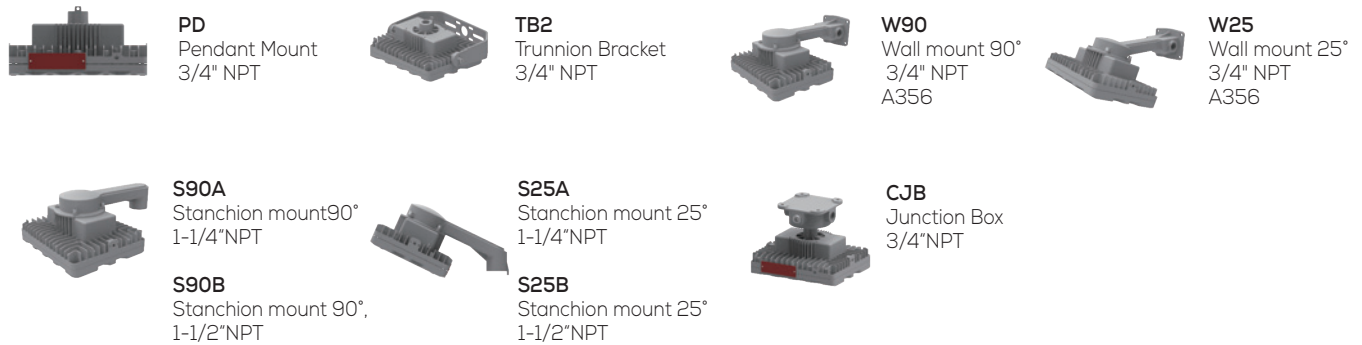
5-year limited system warranty

Lumen Maintenance:150,000hours@L70

Ordering Information and Mounting Accessories



Mounting Options



Accessories

