

GUARDIAN Series

Hazardous Area Wall-pack Lighting

Guardian wall-pack light is designed to meet specific requirements for safe operation in hazardous areas. These areas are defined as locations where flammable gases, vapors, or dust are present in quantities sufficient to pose a risk of explosion or fire.

Compliance

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.250.0:21

UL 1598 Wet Locations

UL 1598A Marine Outside Type (Salt Water)

UL 8750 LED Safety

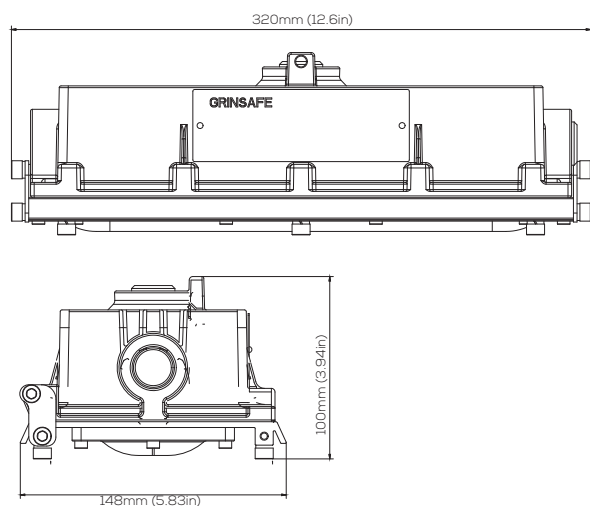
ABS

FCC

IP66/67 | IK10 | 5G | NEMA 4X

Dimensions

unit: mm(in)



Warranty

5-year limited system warranty

Lumen Maintenance: L70 > 150,000 hours @ 25°C

Technical Data

Electrical

Rated Power	20W / 30W
Input Voltage	100-277V/AC
Input Frequency	50/60Hz
Power Factor	> 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	< 200mVP-P

Optical

Lumen Output	3,300lm / 4,950lm
Luminous Efficacy (Lumens per Watt)	165 lm/W
Beam Angle	110°
Correlated Color Temperature (CCT)	Amber 2700K 3000K 4000K 5000K
CRI	Ra>70

Environmental

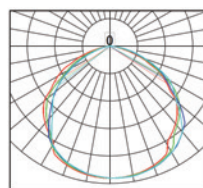
Ambient Operating Temperature	-40°C~+65°C
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

Technical

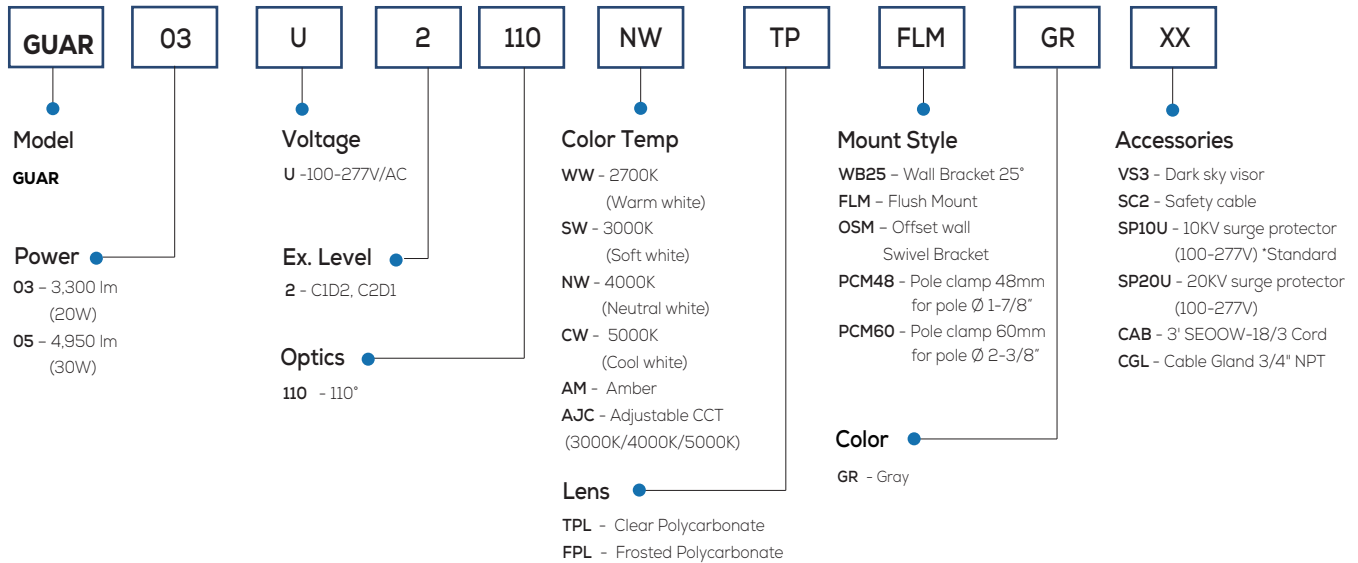
Lens Material	Polycarbonate
Mounting Options	Wall mount / Ceiling mount
Cable Entry	3/4" NPT
Net Weight	2.7kg (5.95lbs)

Beam Distribution

110°



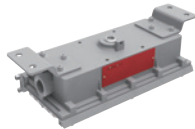
Ordering Information and Mounting Accessories



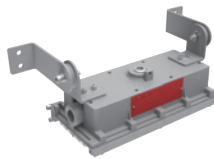
Mounting Options



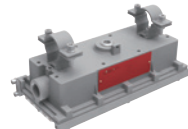
WB25
Wall bracket 25°



FLM
Flush mount



OSM
Offset ceiling / wall
Swivel Bracket



PCM48
Pole clamp 48mm
for pole Ø 1-7/8"

PCM60
Pole clamp 60mm
for pole Ø 2-3/8"

Accessories



WB25
Wall Bracket
Mount Kit 1 pair



FLM
Flush Mount Kit 1 pair



OSM
Offset ceiling /
wall Swivel Bracket



VS3
Stainless steel
dark sky visor



SC2
Stainless steel
safety cable
Ø6 (3mm)



CAB
3' SEOW-18/3 Cord
(Factory installed)



PCM48
Pole clamp 48mm 1 pair
for pole Ø 1-7/8"



CGL
Cable Gland
3/4" NPT
Suitable for C1D2



SP10U
10KV Surge Protector
(100-277V)
*Standard



SP20U
20KV Surge Protector
(100-277V)

PCM60
Pole clamp 60mm 1 pair
for pole Ø 2-3/8"