GRINSAFE®

CANNON™ GHRL

Hazardous Location Lighting

These versatile, feature-packed fixtures are designed to not only meet but surpass the rigorous demands of the food processing industry, industrial and commercial settings, as well as architectural applications.

Compliance

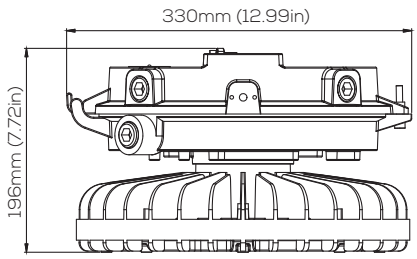
NEC/CEC Standard

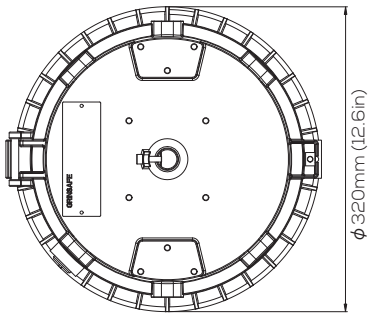
UL 844 Hazardous Locations
- Class I Division 2, Groups A, B, C, D
- Class II Division 1, Groups E, F, G
- Class II Division 2, Groups F, G
- Class III
- Class I, Zone 2, Group IIC

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

Dimensions

unit: mm(in)





Technical Data

Electrical

Rated Power	80W / 100W / 150W / 200W
Input Voltage	100-277V, 347-480V/AC
Input Frequency	50/60Hz
Power Factor	› 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	‹200mVP-P

Optical

Lumen Output	13,600lm ~ 32,000lm
Luminous Efficacy (Lumens per Watt)	170 lm/W
Beam Angle	T1 / T3 / 110°
Correlated Color Temperature (CCT)	Amber 2700K 3000K 4000K 5000K
CRI	Ra›70

Environmental

Ambient Operating Temperature	-40°C~+65°C (80W / 100W / 150W) -40°C~+60°C (200W)
Ambient Operating Humidity	10%~90% RH
Atmospheric pressure	86~106KPa

Technical

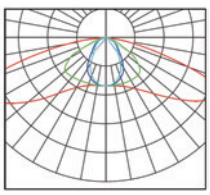
Lens Material	Glass / PC / Drop lens
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Gand's Spec	3/4" NPT, 1" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	7.7kg (16.98 lbs)

Warranty

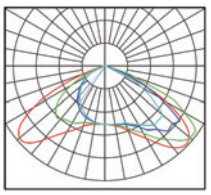
5-year limited system warranty
Lumen Maintenance: L70 › 150,000 hours @ 25°C

Beam Distribution

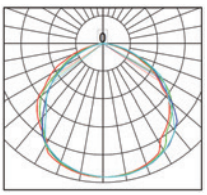
Type I



Type III



110°



GRINSAFE®

GRIN Industrial Co.,Ltd.
www.grinsafe.com

Product design and specifications subject to change without notice.

Ordering Information and Mounting Accessories

GHRL	26	U	2	110	NW	TG	PD1	GR	XX

Model
GHRL

Power
14 – 13,600 lm (80W)
17 – 17,000 lm (100W)
26 – 25,500 lm (150W)
34 – 32,000 lm (200W)

Voltage
U -100-277V/AC
N -347-480V/AC

Ex. Level
2 - C1D2, C2D1
0 - None Hazardous

Optics
T1 - T1
T3 - T3
110 - 110°

Color Temp
WW - 2700K (Warm white)
SW - 3000K (Soft white)
NW - 4000K (Neutral white)
CW - 5000K (Cool white)
AM - Amber
AJC - Adjustable CCT (3000K/4000K/5000K)

Lens
TG - Clear glass
FG - Frosted glass
DFG - Frosted glass drop lens
TPL - Clear polycarbonate [1]
FPL - Frosted polycarbonate [1]

Mount Style
PD1 – Pendant mount (3/4" NPT)
PD2 – Pendant mount (1" NPT)
TB3 – Trunnion bracket (3/4" NPT)
W90 – Wall mount 90°
W25 – Wall mount 25°
S90A - Stanchion-90° (1-1/4" NPT)
S90B - Stanchion-90° (1-1/2" NPT)
S25A - Stanchion-25° (1-1/4" NPT)
S25B - Stanchion-25° (1-1/2" NPT)
FLM – Flush ceiling mount

Color
GR - Gray

Accessories
WGR1 - Wire guard for flat glass
WGR2 - wire guard for drop lens
SC1 - Safety cable
VRL25 - Dark sky bolt-on visor 25°
VRL90 - Dark sky bolt-on visor 90°
SP10U - 10KV surge protector (100-277V) *Standard
SP10N - 10KV surge protector (347-480V) *Standard
SP20U - 20KV surge protector (100-277V)
SP20N - 20KV surge protector (347-480V)
PBC48 - Pipe clamp (M8*48mm) for pole Ø 1-7/8" (48mm)
PBC60 - Pipe clamp (M8*60mm) for pole Ø 2-3/8" (60mm)
CAB - 3' SEOOW-18/3 Cord
CGL - Cable gland 3/4" NPT
PS - Pole Stanchion 2" (60mm)

[1] Only available for C1D2 areas

Mounting Options

PD1
Pendant mount
3/4" NPT

PD2
Pendant mount 1" NPT

TB3
Trunnion Bracket
3/4" NPT

W90
Wall mount 90°
3/4" NPT

W25
Wall mount 25°
3/4" NPT

S90A
Stanchion mount 90°,
1-1/4"NPT

S90B
Stanchion mount 90°,
1-1/2"NPT

S25A
Stanchion mount 25°,
1-1/4"NPT

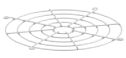
S25B
Stanchion mount 25°,
1-1/2"NPT

FLM
Flush Ceiling Mount

Accessories

TB3
Trunnion Bracket
3/4" NPT

FLM
Flush ceiling mount kit
1 pair



WGR1
Bolt-on wire guard
for Flat Glass

WGR2
Bolt-on wire guard
for Drop Lens

PBC48
Pipe clamp
(M8*48mm)
for pole Ø 1-7/8"

PBC60
Pipe clamp
(M8*60mm)
for pole Ø 2-3/8"

VRL25
Dark sky bolt-on visor
25°
(Spinning aluminium)

VRL90
Dark sky bolt-on visor
90°
(Spinning aluminium)

CGL
Cable gland
3/4" NPT
Suitable for C1D2

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

SC1
Stainless steel
safety cable
Ø8 (4mm)

PS
Pole Stanchion
2-3/8" (60mm)

10KV Surge Protector
*Standard
SP10U
10KV (100-277V)
SP10N
10KV (347-480V)

20KV Surge Protector
SP20U
20KV (100-277V)
SP20N
20KV (347-480V)