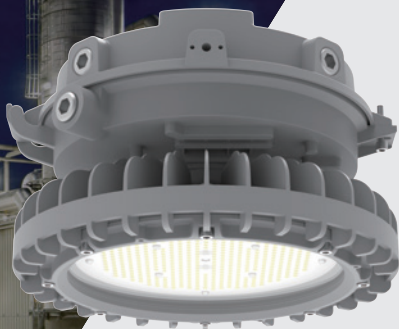




FORTRESS Series

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

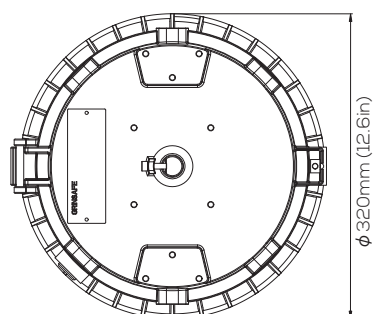
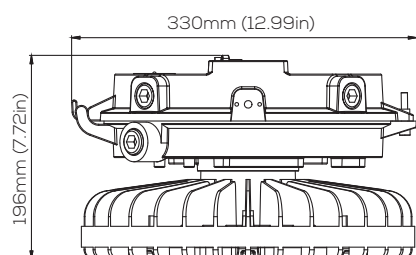
ABS

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

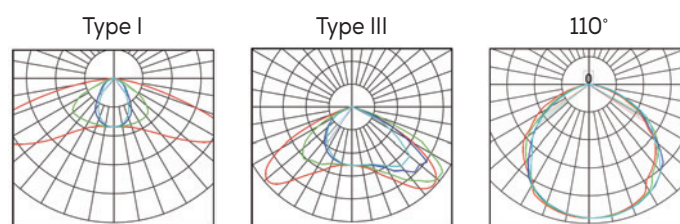
Lens Material	Glass / PC / Drop lens
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Gand's Spec	3/4" NPT, 1" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	7.7kg (16.98 lbs)

Warranty

5-year limited system warranty

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

Beam Distribution



Ordering Information and Mounting Accessories

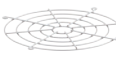
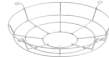
FOR	26	U	2	110	NW	TG	PD1	GR	XX
Model FOR		Voltage U -100-277V/AC N -347-480V/AC	Ex. Level 2 - C1D2, C2D1 0 - None Hazardous	Color Temp WW - 2700K (Warm white) SW - 3000K (Soft white) NW - 4000K (Neutral white) CW - 5000K (Cool white) AM - Amber AJC - Adjustable CCT (3000K/4000K/5000K)			Mount Style PD1 - 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		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' SEOWW-18/3 Cord CGL - Cable gland 3/4" NPT PS - Pole Stanchion 2" (60mm)
Power 14 - 13,600 lm (80W) 17 - 17,000 lm (100W) 26 - 25,500 lm (150W) 34 - 32,000 lm (200W)		Optics T1 - T1 T3 - T3 110 - 110°		Lens TG - Clear glass FG - Frosted glass DFG - Frosted glass drop lens TPL - Clear polycarbonate ¹ FPL - Frosted polycarbonate ¹		Color GR - Gray			

¹ Only available for C1D2 areas

Mounting Options

	PD1 Pendant mount 3/4" NPT		TB3 Trunnion Bracket 3/4" NPT		W90 Wall mount 90° 3/4" NPT		W25 Wall mount 25° 3/4" NPT
	PD2 Pendant mount 1" NPT		S90A Stanchion mount 90°, 1-1/4"NPT		S25A Stanchion mount 25°, 1-1/4"NPT		S90B Stanchion mount 90°, 1-1/2"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' SEOWW-18/3 Cord (Factory installed)		SC1 Stainless steel safety cable Ø8 (4mm)		PS Pole Stanchion 2-3/8" (60mm)
	SP10U 10KV (100-277V) SP10N 10KV (347-480V)		SP20U 20KV (100-277V) SP20N 20KV (347-480V)				