



SCOUT™ GHSL light weight and high performance 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.

Compliance

NEC/CEC Standard

UL 844 Hazardous Locations

- Class I Division 1, Group 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
- 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

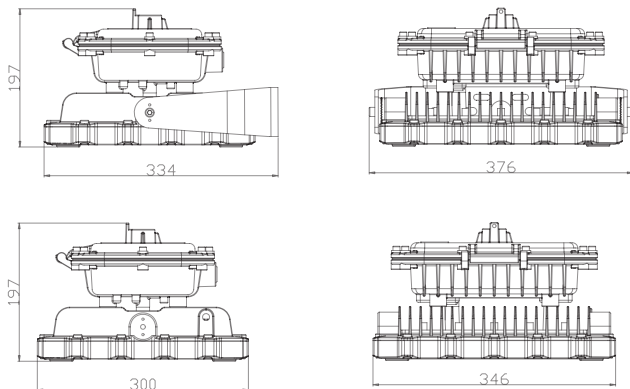
Paint Spray Booth

CSA C22.2 No.137-M1981

CSA C22.2 NO. 250.0

Dimensions

Dimensions in millimeters (mm)



Technical Data

Electric

Rated Power	80W/100W/150W/200W
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	12800lm ~ 32000lm
Luminous Efficacy (Lumens per Watt)	160 - 170Lm/W
Beam Angle	35° / 60° / 90° / 110° / T2 / T3 / T4
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

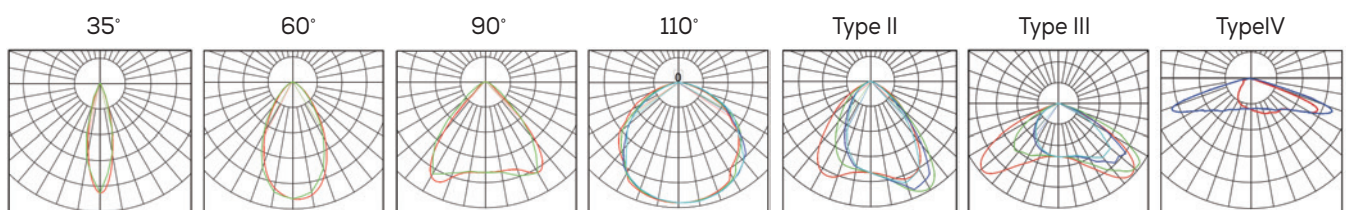
Lens Material	Glass
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cable Entries	3/4" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	11.5kg

Warranty

5-year limited system warranty

Lumen Maintenance:150,000hours@L70










Beam Distribution



Ordering Information and Mounting Accessories

GHSL	24	U	1	60	NW	TG	PD	GR	XX
Model GHSL		Voltage U - AC100-277V N - AC347-480V	Ex. Level 1 - CID1, C2D1 2 - CID2, C2D1		Color Temp WW - 2700K (Warm white) SW - 3000K (Soft white) NW - 4000K (Neutral white) CW - 5000K (Cool white) AJC - Adjustable CCT (3000K/4000K/5000K)		Mount Style PD - Pendant mount (3/4" NPT) TB1 - 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) CJB - Ceiling Junction Box		Accessories EMB - Emergency battery backup WGS1 - Wire guard SC1 - Safety cable VS1 - Dark sky visor 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
Power 13 - 12,800 lm (80w) 16 - 16,000 lm (100W) 24 - 24,000 lm (150W) 32 - 32,000 lm (200W)					Lens TG - Transparent glass FG - Frosted glass		Color GR - Gray		

Mounting Options

 PD (Standard) Pendant Mount 3/4" NPT A356	 TB1 Trunnion Bracket 3/4" NPT A356	 W90 Wall mount 90° 3/4" NPT A356	 W25 Wall mount 25° 3/4" NPT A356
 S90A Stanchion mount 90°, 1-1/4"NPT	 S25A Stanchion mount 25°, 1-1/4"NPT	 CJB Junction Box 3/4"NPT	
 S90B Stanchion mount 90°, 1-1/2"NPT	 S25B Stanchion mount 25°, 1-1/2"NPT		

Accessories

 TB1 Trunnion Bracket 3/4" NPT	 WGS1 Stainless steel wire guard	 SC1 Stainless steel safety cable	 VS1 Stainless steel dark sky visor
 PBC48 Pipe Clamp (M8*48mm) for pole Ø 1 7/8"	 PBC60 Pipe Clamp (M8*60mm) for pole Ø 2 3/8"	 CAB 3' SEOOW-18/3 Cord (Factory installed)	 CGL Cable Gland 3/4" NPT Suitable for CID2
 10KV Surge Protector *Standard SP10U 10KV (100-277V) SP10N 10KV (347-480V)	 20KV Surge Protector SP20U 20KV (100-277V) SP20N 20KV (347-480V)		