

LACE™

ARCUS

Hazardous Location Lighting

Lace™ series lights are energy-efficient and constructed from corrosion-resistant, copper-free aluminum. Designed to withstand corrosion, water, dust, shock, and vibrations, they ensure long-lasting, safe operation in harsh and hazardous environments.

Compliance

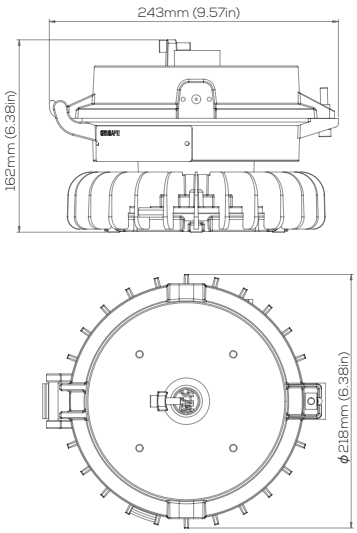
NEC/CEC Standard

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 | IK09 | 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	40W / 60W
Input Voltage	100-277, 347-480V/AC
Input Frequency	50/60Hz
Power Factor	› 0.95
Driver Efficiency	≥ 90%
DC output Ripple & Noise	‹200mVP-P

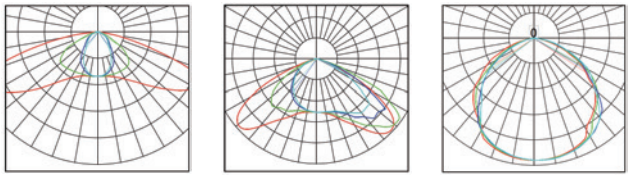
Optical	
Lumen Output	6,000lm / 9,600lm
Luminous Efficacy (Lumens per Watt)	150~160 lm/W
Beam Angle	T1 / T3 / 110°
Correlated Color Temperature (CCT)	Amber 3000K 4000K 5000K
CRI	Ra›70

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

Technical	
Lens Material	Glass / PC / Drop Lens
Mounting Options	Pendant / Ceiling / Wall mount / Stanchion / U-Bracket
Cable Entries	3/4" NPT, 1" NPT, 1-1/4" NPT, 1-1/2" NPT
Net Weight	3.2kg (7.05 lbs)

Beam Distribution

Type I | Type III | 110°



Ordering Information and Mounting Accessories

LAC	-	HL	-	PM	-	TG	-	RV	-	110	-	5K	-	80	-	S	-	XXX

Model	Type	Mount Style	Lens	Voltage	Optics	Color Temp	Power	Color	Accessories
	CID2	**PM** – Pendant mount (3/4" NPT) **SBP** - Swivel Bracket Pendant **WM** - Wall mount 90° **WA** - Wall mount 25° **SS** - Stanchion-90° (1-1/4" NPT) **SSB** - Stanchion-90° (1-1/2" NPT) **SA** - Stanchion-25° (1-1/4" NPT) **SAB** - Stanchion-25° (1-1/2" NPT) **CJB** - Ceiling junction box	**TG** - Clear glass **FG** - Frosted glass **DFG** - Frosted glass drop lens **TPL** - Clear polycarbonate **FPL** - Frosted polycarbonate	**RV** - 120-277 VAC **HV** - 347-480 VAC	**110** - 110° **T1** - T1 **T3** - T3	**3K** - 3000K **4K** - 4000K **5K** - 5000K **AM** - Amber	**40W** - 6,000 lm **60W** - 9,600 lm * Only available for 60W	S - Silver	SC1 PBC48 PBC60 CAB CGL PS SB1 WGR4 WGR3

Mounting Options



PD
Pendant mount
3/4" NPT



SBP
Swivel Bracket
3/4" NPT



WM
Wall mount 90°
3/4" NPT



WA
Wall mount 25°
3/4" NPT



SS
Stanchion mount 90°
1-1/4"NPT

SSB
Stanchion mount
90°1-1/2"NPT



SS
Stanchion mount 25°
1-1/4"NPT

SSB
Stanchion mount 25°
1-1/2"NPT



CJB
Ceiling junction box
3/4" NPT

Accessories



SBP
Trunnion Bracket
3/4" NPT



SC2
Stainless steel
safety cable
Ø6 (3mm)



WGR3
Bolt-on wire guard
for flat glass



WGR4
Stainless steel wire
guard For drop lens



VRM25
Spinning aluminium
dark sky visor 25°



VRM90
Spinning aluminium
dark sky visor 90°



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



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



CGL
Cable Gland
3/4" NPT
Suitable for C1D2



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



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



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



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