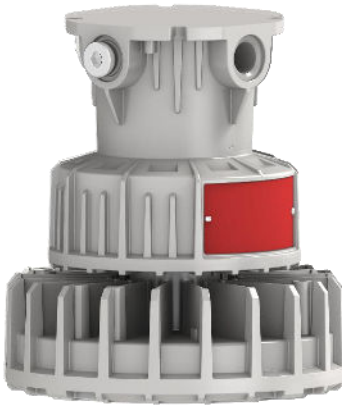




Description

HA03 is a certified Explosion-proof LED Luminaire with waterproof, dustproof, anti-corrosion and shock resistance, well combination of robust structure and outstanding appearance. It's an ideal solution for all types of harsh and hazardous applications.

Key Features

- Five wattages: 30W, 40W, 50W, 60W, 70W, efficiency up to 140lm/w, lumen packages from 4200lm to 9800lm.
- Warm white-cool white color(2000K-6500K) and colored LED R/G/B/AMBER optional.
- Well combination of robust structure and outstanding appearance.
- Various installation methods such as ceiling mount, stanchion mount, wall bracket, pendant mount and trunnion mount are available to meet different installation demands.
- Ceiling mount and wall bracket are equipped with multiple conduit holes(cable entry holes), which can realize the interconnection of fixtures, greatly facilitates on-site installation and wiring.
- Quick connection design, the installation wiring module is connected with the fixture thread, more convenient and faster installation and wiring.
- Equipped with low copper aluminum alloy body and special powder coating, as well as stainless steel components with special anti-corrosion treatment, all those anti-corrosion aspects make it suitable for marine environments for over 10 years.
- The body adopts special design, avoid water being accumulated, easy clean and well heat performance.
- Well sealed with special structure and materials.
- IP66 & IK10 double protection.
- Operating ambient temperature range: -40°C to 65°C.
- Wire guard optional.

Applications

- Chemical
- Oil, gas and petrochemical
- Pulp and paper
- Foundries
- Manufacturing
- Waste and sewage treatment
- Power generation
- Paint spray booths and so on

Electrical Information

Model No.	HA03-030	HA03-040	HA03-050	HA03-060	HA03-070
Power Consumption(±5%)	30W	40W	50W	60W	70W
Power Supply	MOSO / INVENTRONICS / MOONS'				
Input Voltage	100-277Vac / 277-480Vac, 50 / 60 Hz				
Power Factor	>0.90				
Surge Protection	4kV line-line, 6kV line-earth			6kV line-line, 10kV line-earth	
Driver Type	Constant Current (CC)				
Control	/				

Optic Information

LED Type	LED 3030				
Luminous Flux (±10%)	4200 lm	5600 lm	7000 lm	8400 lm	9800 lm
Efficacy(5000K Ra70)	140lm/W				
Correlated Color Temperature	5000K (2000K,2200K,2500K,2700K,3000K,3500K,4000K,4500K,5700K,6500K optional)/Red,Green,Blue,Amber				
Color Rendering Index	Ra70/Ra80/Ra90				
Beam Angle	120°				
UGR level	/				

Dimensions and Mount

Product Dimension	Ceiling mount: Ø248x274mm (Dia.9.8" x10.8") 25° Stanchion mount: 320 x248x275mm (12.6"x9.8"x10.8") Wall bracket: 336x248x271mm (13.2"x9.8"x10.7") Pendant mount: Ø248x292mm (Dia.9.8" x11.5") Trunnion mount: 284x248x348mm (11.2"x9.8"x13.7")
Luminaire Net Weight (±0.3kg/±0.66Lbs)	Ceiling mount: 8.3kg(18.26Lbs) 25° Stanchion mount: 7.9kg(17.38Lbs) Wall bracket: 9kg(19.8Lbs) Pendant mount: 7.3kg(16.06Lbs) Trunnion mount: 9kg(19.8Lbs)
Export Carton Size	Ceiling mount: 320x320x335mm(12.60"x12.6"x13.19") 25° Stanchion mount: 405x320x320mm(15.95"x12.6"x12.6") Wall bracket: 405x320x320mm(15.95"x12.6"x12.6") Pendant mount: 320x320x335mm(12.6"x12.6"x13.19") Trunnion mount: 405x320x375mm(15.95"x12.6"x14.76")
Gross Weight (±0.3kg/±0.66Lbs)	Ceiling mount: 9.5kg(20.9Lbs) 25° Stanchion mount: 9.5kg(20.9Lbs) Wall bracket: 10.6kg(23.32Lbs) Pendant mount: 8.6kg(18.92Lbs) Trunnion mount: 10.6kg(23.32Lbs)
Mounting Option	Ceiling mount / 25° Stanchion mount / Wall bracket Pendant mount / Trunnion mount
Material	Aluminum alloy (less than 0.4% copper content)
Finish	Glass
Fixture Color	Powder coating
EPA	Silver (RAL9007)
IK Rating	0.05m ² (0.5ft ²)
IP Rating	IK10
	IP66

Lifespan and Warranty

Operating Temperature	-40°C to + 65°C (-40°F to +149°F)
Life Time of LED @Ta=25°C	77000hrs-L90 175200hrs-L80 282900hrs-L70
Warranty	5 Years

Certifications and Compliances

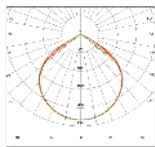
Class I, Division 1, Groups B, C, D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III

Suitable for Use Wet Locations
Suitable for Marine locations
NEMA 4X IP66

Certification No.:CSA22CA80083143X

* Please consult us for details.

Item	Product model	Input Voltage	Rated Power	Tamb	T-Code	
					CID1& CID2	Cli D1&D2 Cili
1	HA03-030series	100-277Vac 277-480Vac	30W	-40°C to +65°C	T6	T5
2	HA03-040series	100-277Vac	40W			
3	HA03-050series	100-277Vac	50W			
4	HA03-060series	100-277Vac 277-480Vac	60W	-40°C to +65°C	T5	T5
				-40°C to +60°C	T6	
				-40°C to +65°C	T5	
5	HA03-070series	100-277Vac	70W	-40°C to +60°C	T6	



T00C04

Mounting Options



Ceiling Mount



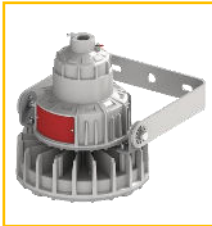
25°Stanchion Mount



Wall Bracket



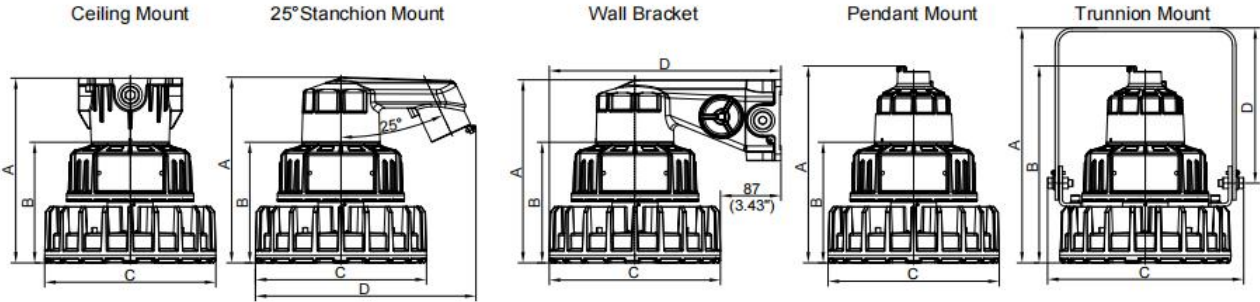
Pendant Mount



Trunnion Mount

Dimensions

Unit: mm



Dimensions In/mm																		
Unit	Ceiling Mount			25°Stanchion Mount				Wall Bracket				Pendant Mount			Trunnion Mount			
	A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	D
Inch	10.8	7.0	9.8	10.8	7.0	9.8	12.6	10.7	7.0	9.8	13.2	11.5	7.0	9.8	13.7	11.5	11.2	9.1
mm	274	179	248	275	179	248	320	271	179	248	336	292	179	248	348	292	284	230

Accessories



Wire Guard
Wire guard 242*242*6mm
Surface treatment: Nickel plating
Color: Nickel color

Code: BC-HA03-01