

Description

HA06 is a certified LED Luminaire for Hazardous Locations 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, can be used in gas zone1,zone 2, dust zone 21 and 22.

Key Features

- Seven wattages 20W, 30W, 40W, 50W, 60W, 75W, 100W, efficiency up to 150lm/w,lumen packages from 3000lm to 15000lm.
- Warm white-cool white color(2000K-6500K) and AMBER optional.
- Various installation methods such as ceiling mount, trunnion mount, hoop mount, loop mount and pendant mount, are available to meet different installation demands.
- Well sealed with special structure and materials.
- IP66 & IK08 double protection.

Applications

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

Lifespan and Warranty

Operating Temperature	See Below table
	77000hrs-L90
Life Time of LED @Ta=25°C	175200hrs-L80
	282900hrs-L70
Warranty	5 Years

Temperature class and Working temperature

Table 1

Length	Model No.	Rated power	Tamb	Temperature class		Maximum surface temperature
				Gas	Dust	
2FT	HA06-020series	20W	-40°C to +60°C	T5		95°C
	HA06-030series	30W				
	HA06-040series	40W				
	HA06-050series	50W				
4FT	HA06-030series	30W	-40°C to +65°C	T4		100°C
	HA06-040series	40W				
	HA06-050series	50W				
	HA06-075series	75W	-40°C to +57°C			
	HA06-100series	100W	-40°C to +45°C			

Electrical Information									
Model No.	HA06-020	HA06-030	HA06-040	HA06-050	HA06-030	HA06-040	HA06-050	HA06-075	HA06-100
Power Consumption(±5%)	20W	30W	40W	50W	30W	40W	50W	75W	100W
Power Supply	UPSHINE								
Input Voltage	120-277Vac 50Hz/60Hz;152-300Vdc								
Power Factor	>0.90								
Surge Protection	6kV line-line, 10kV line-earth								
Driver Type	Constant Current (CC)								
Control	0-10V								

Optic Information									
LED Type	LED 3030								
Luminous Flux (±10%)	3000 lm	4500 lm	6000 lm	7500 lm	4500 lm	6000lm	7500 lm	11250lm	15000 lm
Efficacy(5000K Ra70)	150lm/W								
Correlated Color Temperature	5000K (2000K,2200K,2500K,2700K,3000K,3500K,4000K ,4500K,5700K,6500K optional,Amber								
Color Rendering Index	Ra70/Ra80/Ra90								
Beam Angle	T00807/T00805								
UGR level	/								

Dimensions and Mount

Product Dimension mm (inch)	Ceiling Mount	618x150x202 (24.33"x5.91"x7.96")	(2ft unit)	1232x150x202 (48.50"x5.91"x7.96")	(4ft unit)
	Trunnion Mount	618x120x202 (24.33"x4.73"x7.96")	(2ft unit)	1232x120x202 (48.50"x4.73"x7.96")	(4ft unit)
	Pendant Mount	618x120x178 (24.33"x4.73"x6.99")	(2ft unit)	1232x120x178 (48.50"x4.73"x6.99")	(4ft unit)
	Loop Mount	618x125x218 (24.33"x4.91"x8.57")	(2ft unit)	1232x125x218 (48.50"x4.91"x8.57")	(4ft unit)
	Hoop Mount	618x125x225 (24.33"x4.91"x8.84")	(2ft unit)	1232x125x225 (48.50"x4.91"x8.84")	(4ft unit)
	Recessed Mount	618x170x114 (24.33"x6.69"x4.85")	(2ft unit)	1232x170x114 (48.50"x6.69"x4.85")	(4ft unit)
Luminaire Net Weight	Ceiling Mount	4kg		5.5kg	
	Trunnion Mount	4.1kg		5.6kg	
	Pendant Mount	3.8kg		5.4kg	
	Loop Mount	4kg		5.5kg	
	Hoop Mount	4.1kg		5.6kg	
	Recessed Mount	4kg		5.5kg	
Export Carton Size mm (inch)	cable entry from the top: 655x140x200 (25.79"x5.51"x7.87")			1270x140x200 (50"x5.51"x7.87")	
	cable entry from the side: 725x140x180 (28.54"x5.51"x7.09")				
Gross Weight	Ceiling Mount	4.5kg		6.4kg	
	Trunnion Mount	4.16kg		6.5kg	
	Pendant Mount	4.4kg		6.3kg	
	Loop Mount	4.5kg		6.4kg	
	Hoop Mount	4.6kg		6.5kg	
	Recessed Mount	4.5kg		6.4kg	
Mounting Option	Ceiling mount / Trunnion mount / Pendant mount /Pendant & Trunnion Mount/ Loop Mount / Hoop Mount / Recessed Mount				
Cable Entry	Pendant Mount: 3/4"NPT, 1"NPT, M25*1.5, M32X1.5 Ceiling Mount / Trunion Mount/Hoop Mount/Loop Mount/Recessed Mount: M25X1.5 , M20X1.5 , 3/4"NPT , 1/2"NPT				

Material	Body: Fiberglass reinforced polycarbonate Lens(outside): Clear Polycarbonate / Diffused Polycarbonate	
Finish	Surface non-spraying	
Fixture Color	Grey	
EPA	0.09m ² (0.96ft ²)	0.18m ² (1.91ft ²)
IK Rating	IK08	
IP Rating	IP66	

* The tolerance for weight is ±6%.

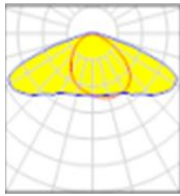
Certifications and Compliances

Zone1, 2 and Zone 21, 22
 IECEX: Ex eb mb IIC T5/T4 Gb
 Ex tb IIIC T95°C/T100°C Db IP66
 ATEX: II 2G Ex eb mb IIC T5/T4 Gb
 II 2D Ex tb IIIC T95°C/T100°C Db IP66

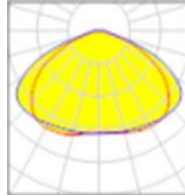
* Please consult us for details.
 *Standard version without cable gland. If need, please order separately

Model description

Model description:
 HA 06-XXX-X-XX-XXX-XX-X-XX
 Options: DM=Dimmable
 Mounting Style: C=Ceiling Mount; T=Trunnion Mount; P=Pendant Mount;
 M= Pendant & Trunnion Mount; L=Loop Mount; H=Hoop Mount; R=Recessed Mount
 Diffusion Material: CP=Clear Polycarbonate; DP=Diffused Polycarbonate
 Beam Distribution: 039=T00807(Type III); 037=T00805(Type V)
 CCT(K): 20=2000; ... ; 65=6500; Amp=Amber
 Voltage: U=120-277Vac; 50/60Hz; D3=152-300Vdc
 Lamp Wattage: 020=20W; 030=30W; 040=40W; 050=50W; 075=75W; 100=100W
 Lamp Code: 06
 Series Constant: HA-Hazardous

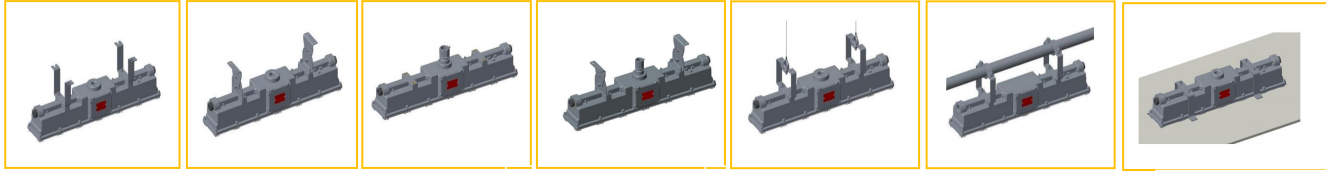


T00807(T3)



T00805(T5)

Mounting Options



Ceiling Mount

Trunnion Mount

Pendant mount

Pendant and Trunnion mount

Loop Mount

Hoop Mount

Recessed Mount

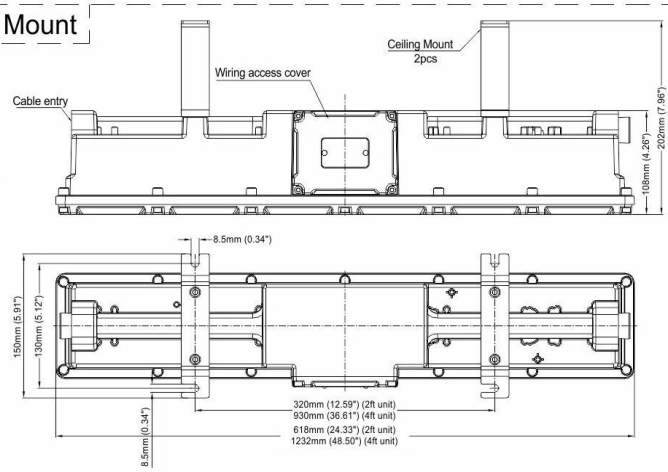
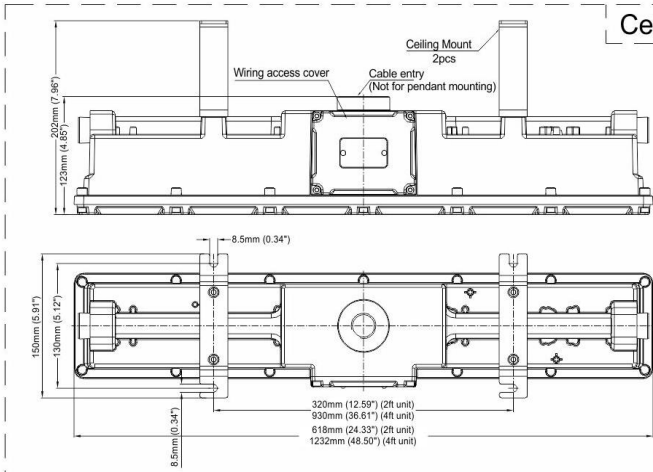
Dimensions

Cable entry from the top

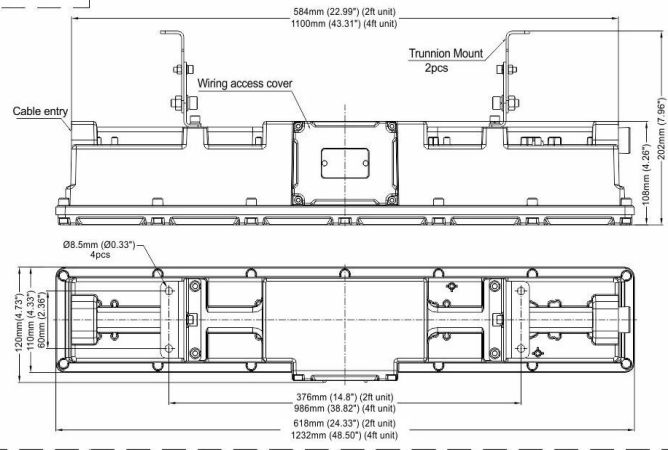
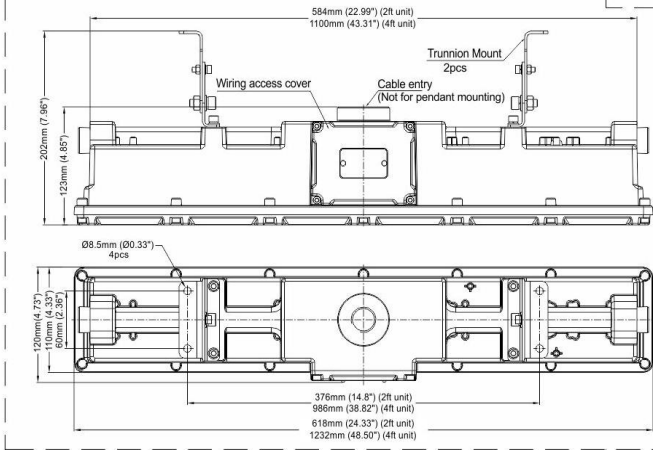
Cable entry from the side

Unit: mm (inch)

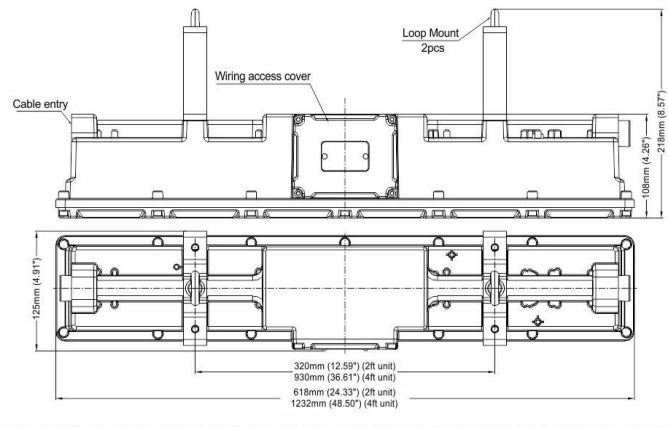
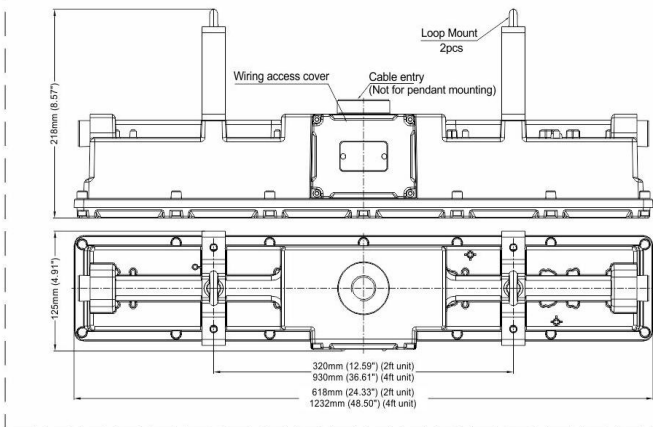
Ceiling Mount



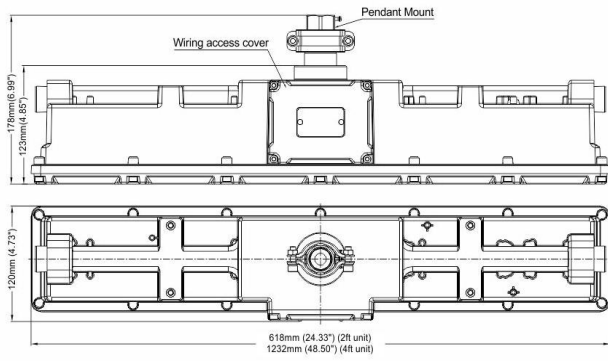
Trunnion Mount



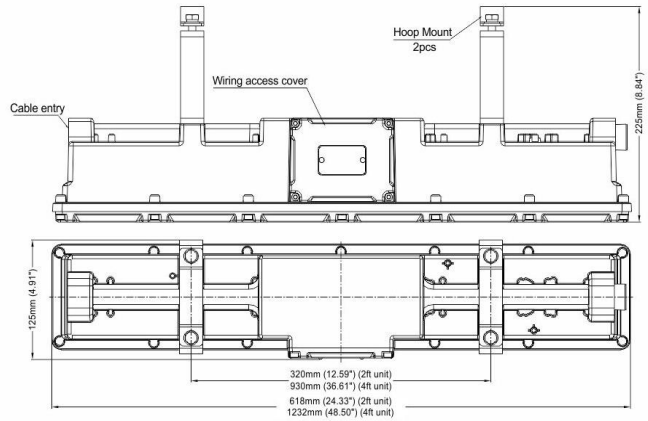
Loop Mount



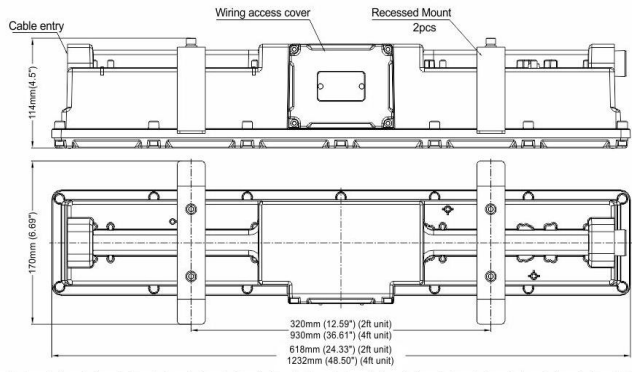
Pendant Mount



Hoop Mount

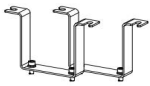


Recessed Mount



Notice: 2ft include: 20W, 30W, 40W, 50W 4ft include: 30W, 40W, 50W, 75W, 100W

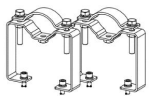
Accessories



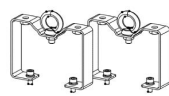
Ceiling Mount
Dimension: 150*30*100mm
Surface Treatment: Powder coating
Color: Grey



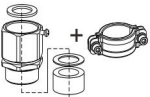
Trunnion Mount
Dimension: 86*43*100mm
Surface Treatment: Powder coating
Color: Grey



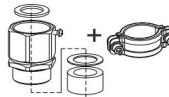
Hoop Mount
Dimension: 119*25*122mm
Surface Treatment: Powder coating
Color: Grey
Code: BC-HA06-03



Loop Mount
Dimension: 119*25*115mm
Surface Treatment: Powder coating
Color: Grey
Code: BC-HA06-04



Pendant Mount
Dimension: $\Phi 33 \times 65$ mm
Surface Treatment: Surface passivation
Color: Stainless steel color
Tube specification: M25X1.5 or 3/4"NPT
Cable outer diameter: 8-12
Code: BC-HA06-05



Pendant Mount
Dimension: $\Phi 41 \times 65$ mm
Surface Treatment: Surface passivation
Color: Stainless steel color
Tube specification: M32X1.5 or 1"NPT
Cable outer diameter: 15-19
Code: BC-HA06-06



Recessed Mount
Dimension: 170*30*90mm
Surface Treatment: Powder coating
Color: Grey
Code: BC-HA06-07