

HA05 Conqueror

LED Explosion-Proof Highbay Light for Zone2 and C1D2

30W / 50W / 75W / 100W / 120W / 150W / 180W / 200W / 240W

Up to 140lm/W

1-10V

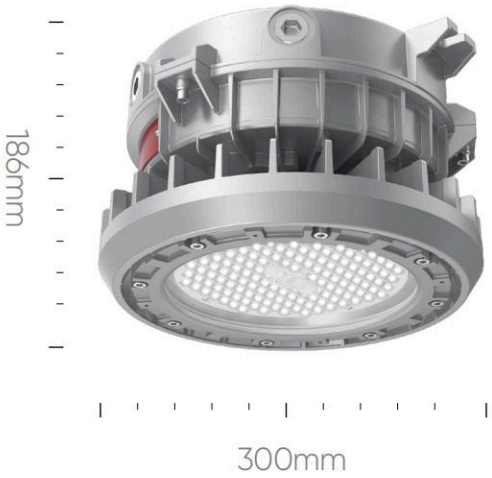
IP66

IK08

-40°C～+65°C

Marine grade

DALI





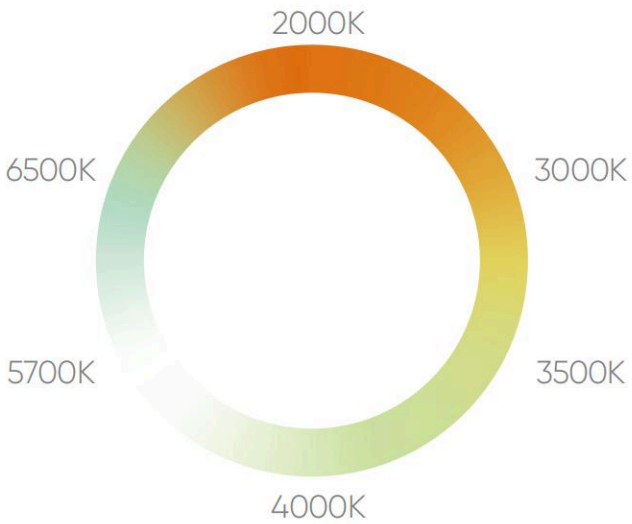
Available in
30-240W

Lumen package
4200-33600lm

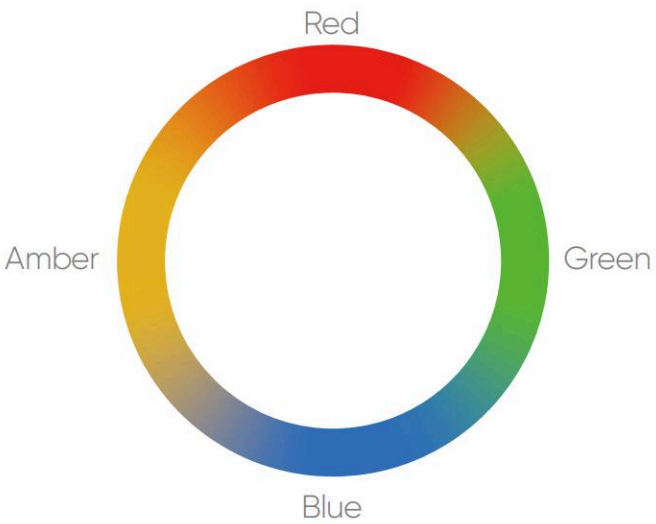
Which can replace up to
HPS 700W

Color options

Warm White-Cool White options



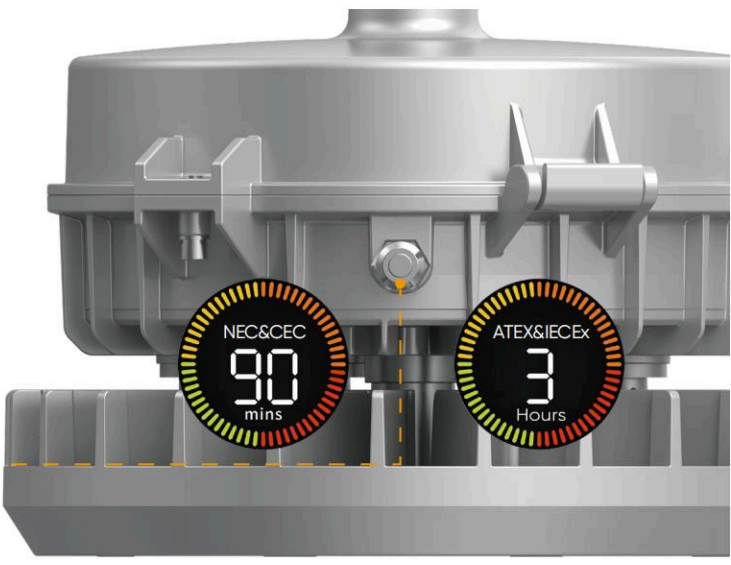
Colored LED R/G/B/AMBER options



Emergency function

Emergency backup Lighting and back-up power is critical to any safety plan. In the event of power loss or power interruption, HA05-050 with built-in backup power provided 90 minutes or 3 hours emergency lighting to help keep your people safe and your plant running smoothly.





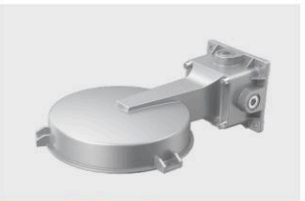
Structure

6 Mounting Options

Complying with different brackets, can be used in a variety of occasions. And it can replace traditional fixtures directly



Ceiling mount:
3/4"NPT or M25*1.5 or M20*1.5(4pcs)



Wall bracket mount:
3/4"NPT or 1"NPT or M25*1.5 or M20*1.5(4pcs)



Pendant mount:
3/4"NPT or 1"NPT or M25*1.5 or M20*1.5(1pcs)



25°stanchion mount:
1-1/4"NPT or 1-1/2"NPT(1pcs)



90°stanchion mount:
1-1/4"NPT or 1-1/2"NPT(1pcs)



Trunnion mount:
3/4"NPT or M25*1.5 or M20*1.5(4pcs)

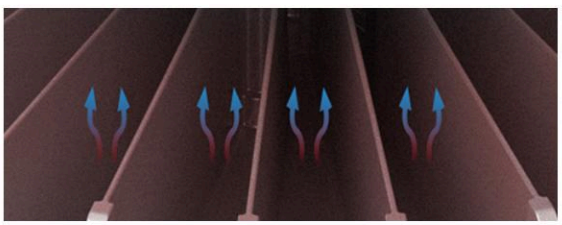
Marine grade

Adopt high-strength copper-free aluminum alloy die-casting shell, surface spraying special outdoor powder, standard parts and brackets are made of stainless steel + special anti-corrosion treatment, suitable for marine environment.



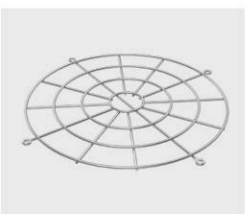
Heat dissipation

Optimal heat management designed with separate volumes for the LED modules and the driver



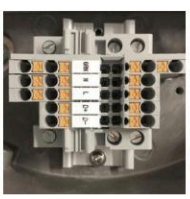
Protective cover option

Heavy gauge stainless steel wire guard provides extra protection



Loop-in & Loop-out

Well-organized terminal block, the ceiling mounting, bracket mounting and wall mounting are equipped with four conduit holes, which can realize lamps interconnection, greatly facilitating on-site installation and wiring







Key Features

- Available in 30W, 50W, 75W, 100W, 120W; 150W, 180W, 200W, 240W
- Input Voltage: AC100-277V， AC277-480V (50/60Hz)
- Pendant, ceiling, wall, Trunnion, 25° stanchion and 90° stanchion mounting options
- Type I, III and V light distribution options
- The max operating ambient temperature range: -40°C to +65°C
- Optional stainless steel guard
- Flip-type structure for easy access to internal components
- Provides up to 1620 lumens illumination for 90 minutes or 720 lumens illumination for 3 hours of emergency lighting
- Die-cast aluminum body and frame-corrosion resistant . Rugged construction ensures long-life and safe operation



Certification and compliances

NEC & CEC

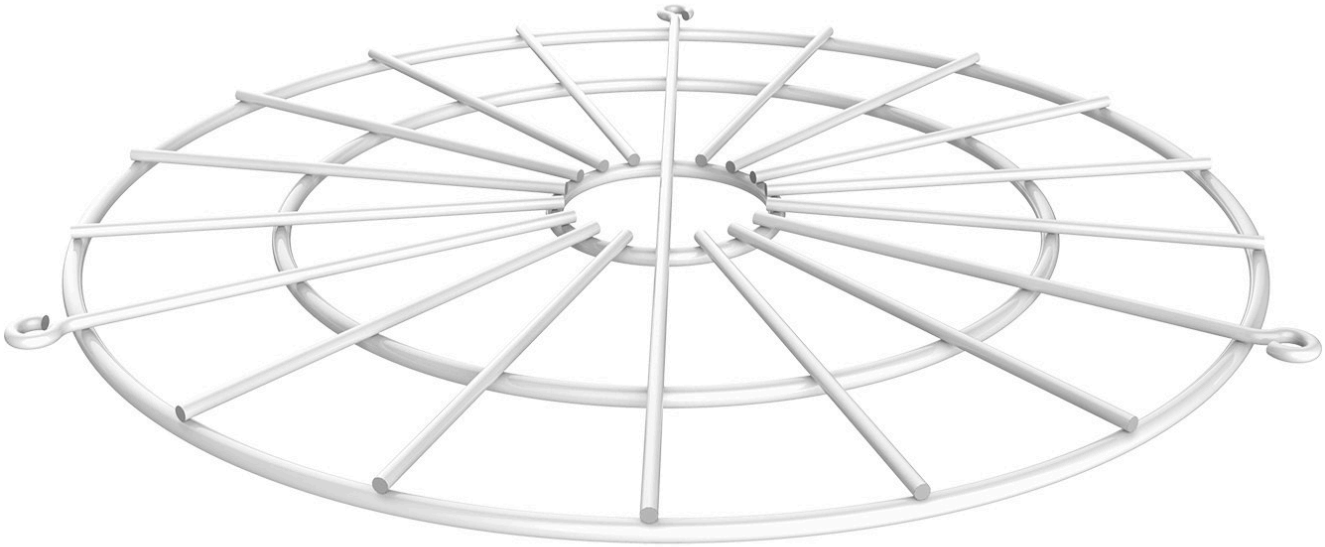
- Class I, Division II, Group A, B, C, D
- Class II, Division I, Group E, F, G
- Class II, Division II, Group F, G
- Class III
- UL1598A Marine
- Class I, Zone 2, Group IIC
- Zone 20 and Zone 21
- Zone 22

IECEX

- Ex nR IIC T6/T5 Gc
- Ex tb IIIC T80 ̊C /T95 ̊C Db IP66

ATEX

- II 3G Ex nR IIC T6/T5 Gc
- II 2D Ex tb IIIC T80 ̊C /T95 ̊C Db IP66



ADDITIONAL PRODUCT SPECIFICATIONS

Series Code	HA05
Power	30W, 50W, 75W, 100W, 120W, 150W, 180W, 200W, 240W
Efficacy	140lm/W
Input Voltage	100-277VAC, 277-480VAC, 50 / 60 Hz
Power Factor	>0.90
CCT	White (2000K ~ 6500K), Red, Green, Blue, Amber
CRI(Ra)	70, 80, 90
Control	No Dim, 1-10V Dim, DALI Dim; 90 mins/3 hrs Emergency battery backup (for HA05-050 only)
IP Rating	IP66
IK Rating	IK08
Mounting Option	Ceiling mount/Pendant mount/Wall bracket/25° Stanchion mount/90° Stanchion mount /Trunnion mount
Warranty	5 Years
Surge Protection	10kV line-line, 10kV line-earth
Operating Temperature	-40°C to + 65°C (40°F to +149°F)

Conqueror offers a comprehensive solution for your hazardous lighting project, providing a complete range of products from 4500 to 36000 lumen, equivalent to 70W to 1000W HID fixtures. Our familiar design mimics the look of leading brands, ensuring a seamless integration into your existing setup.

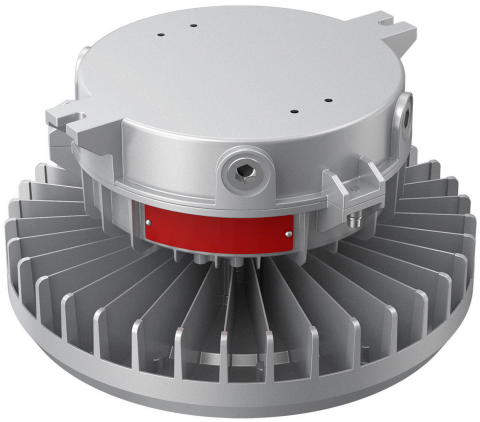
PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4