

HA05
LED Luminaires for Hazardous Locations

With its superior waterproof, dustproof, anti-corrosion and anti-vibration properties, HA05 series provide the ideal solution for lighting in various harsh and hazardous locations

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

Up to 140lm/W

0-10V

IP66

IK08

-40℃ ~ +65℃

10 Years

Corrosion Resistance





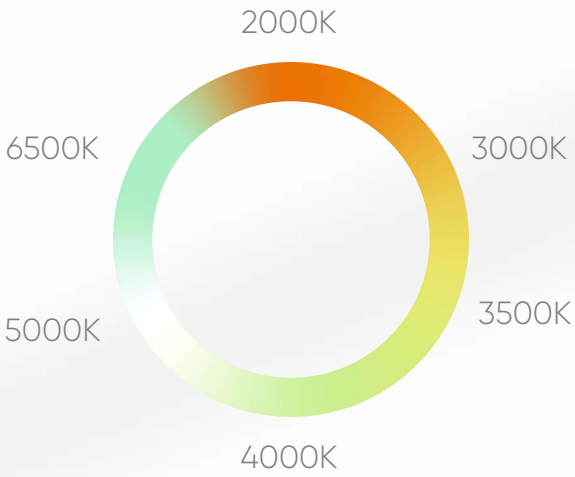
Available in
30-240W

Lumen package
4050-36000lm

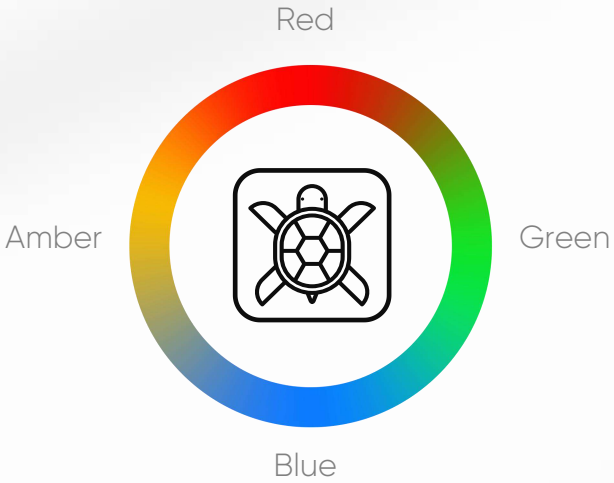
Which can replace up to
HPS 700W

Color options

Warm White-Cool White options



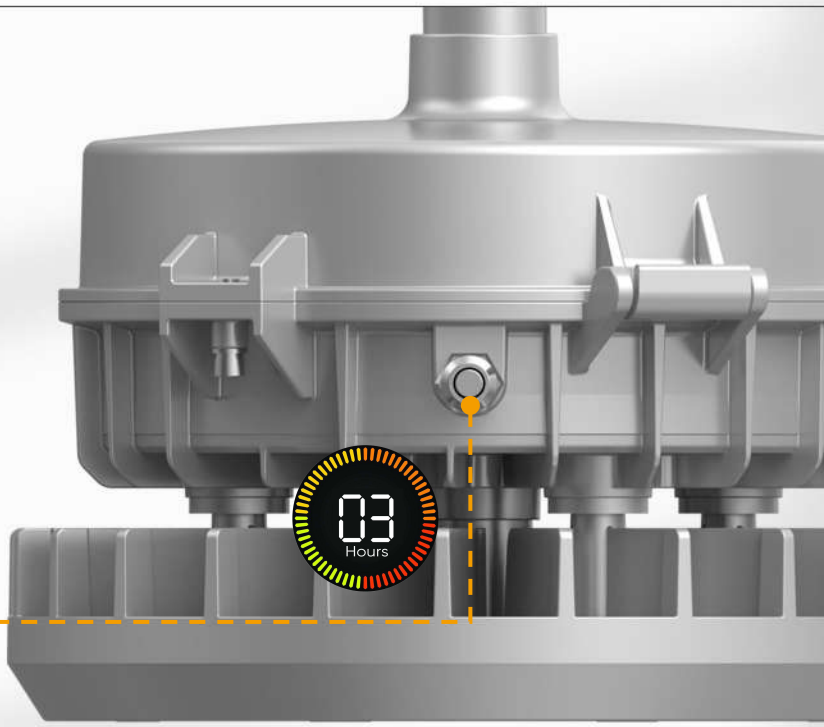
Colored LED R/G/B/AMBER options



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 provides 3 hours of 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

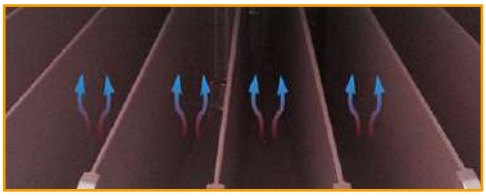


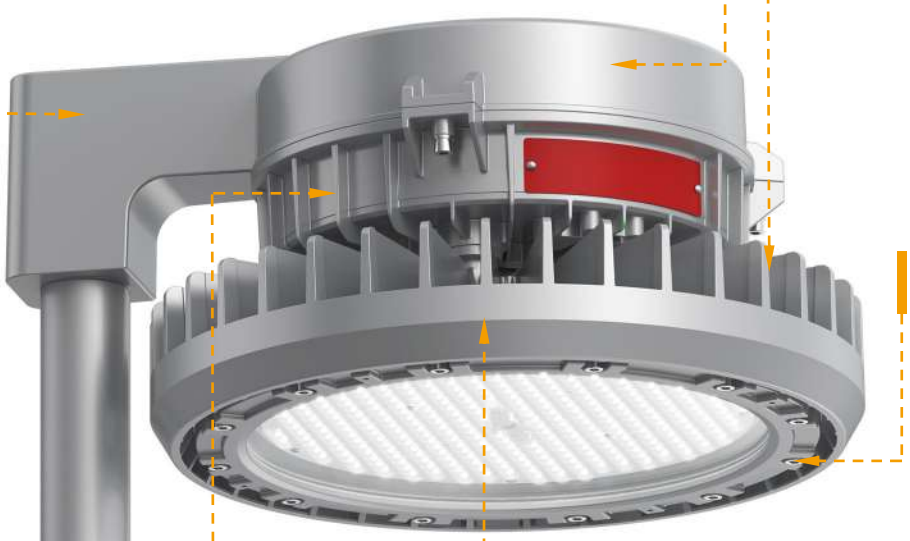
Corrosion-resistant

Adopt high-strength low-copper 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, corrosion-resistant for more than 10 years

Heat dissipation

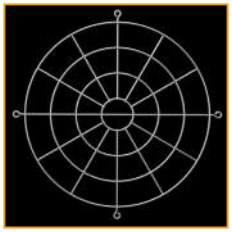
Optimal heat management designed with separate volumes for the LED modules and the driver





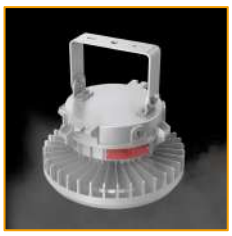
Protective cover option

Heavy gauge stainless steel wire guard provides extra protection



Complete protection

No ingress of dust; complete protection against contact (dust tight), and no ingress of water projected in powerful jets from any direction

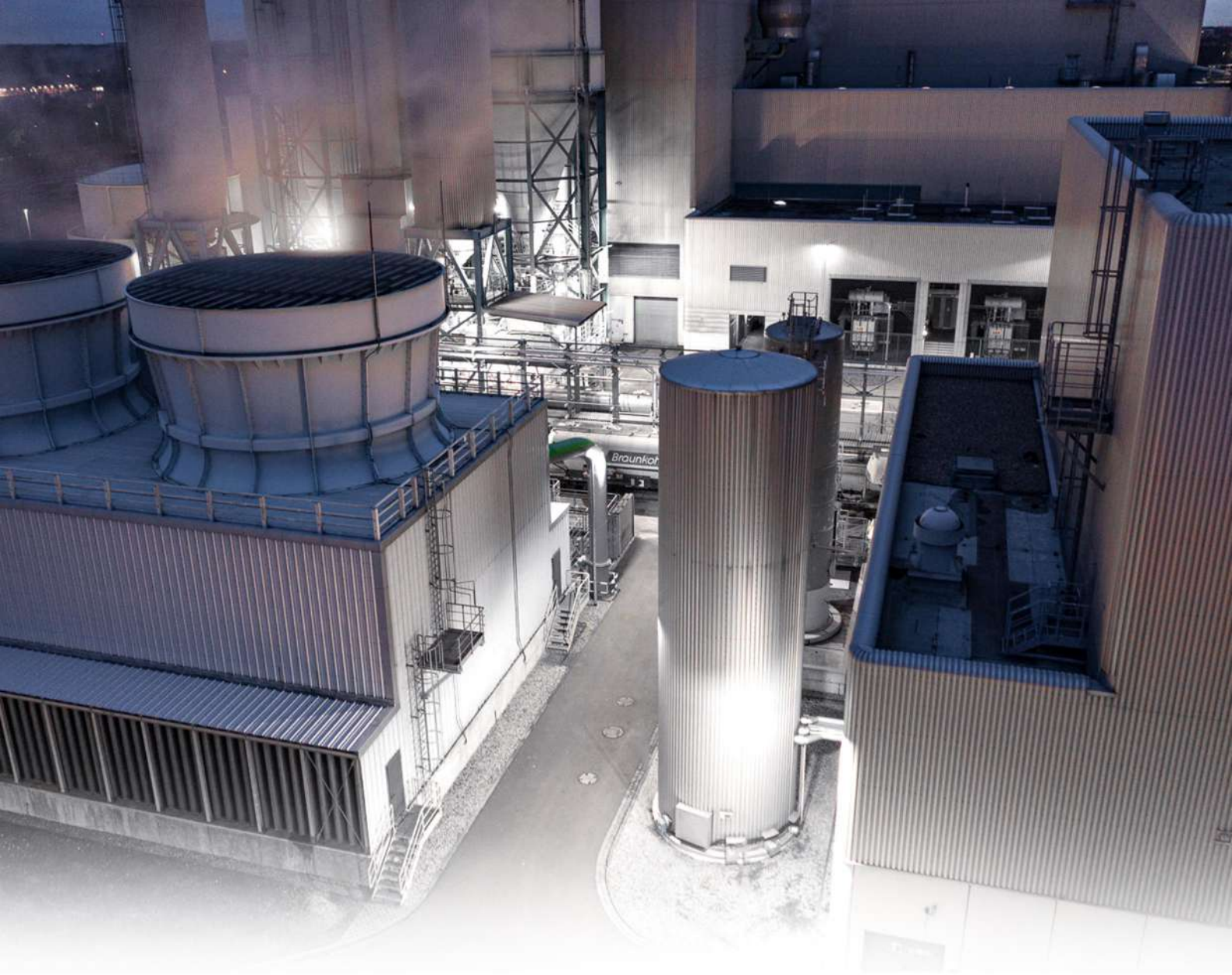


Flexible installation

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 (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 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

IECEX

- Ex nR IIC T6/T5 Gc
- Ex tb IIIC T80°C/T95°C Db IP66
- IECEx Certificate: IECEx CSAE 22.0036X

ATEX

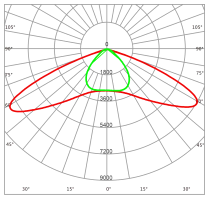
- II 3G Ex nR IIC T6/T5 Gc
- II 2D Ex tb IIIC T80°C/T95°C Db IP66
- ATEX Certificate (Gas): CSANe 22ATEX1059X
- ATEX Certificate (Dust): CSANe 22ATEX1079X

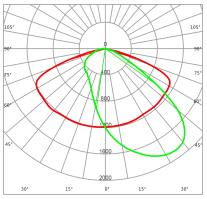
HA05 Product Range

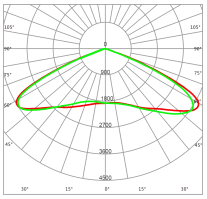
Model No	HA05-030	HA05-050	HA05-075	HA05-100	HA05-120	HA05-150	HA05-180	HA05-200	HA05-240
Power Consumption(±5%)	30W	50W	75W	100W	120W	150W	180W	200W	240W
Input Voltage	100-277 Vac, 50 / 60 Hz								
Control	Dimmable and Non-dimmable								
Luminous Flux (±10%)	4200lm	7000lm	10500lm	14000lm	16800lm	21000lm	25200lm	28000lm	33600lm
Efficacy (4000K RA70)	≥140LM/W								
CCT & CRI	5000K (3000K, 4000K optional), Ra70 (Ra80 optional)								
Beam Angle	T13801(Type I), T13803(Type III), T13805(Type Ⅴ), T32001(Type I), T32003(Type III), T32005(Type Ⅴ)								
Operating Temperature	30W: -40℃ to +65℃, 50W/75W: -40℃ to +60℃, 100W:-40℃ to +50℃, 120W:-40℃ to +65℃, 150W:-40℃ to +55℃, 180W/200W: -40℃ to +45℃, 240W: -40℃ to +40℃								
Protection Rating	IP66,IK08								
Warranty	5 years								

Photometric Diagrams

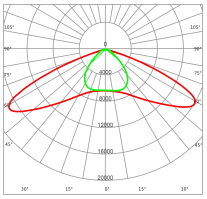
30W-100W beam angle

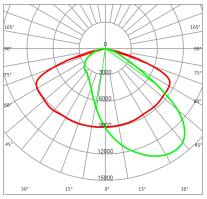

T13801 (type Ⅰ)

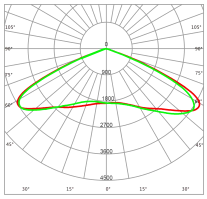

T13803 (typeIII)


T13805 (type Ⅴ)

120W-240W beam angle

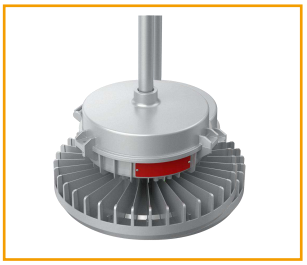

T32001 (type Ⅰ)

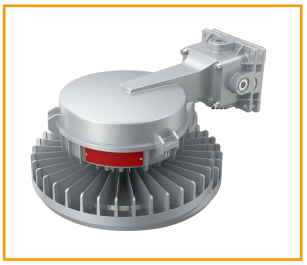

T32003 (typeIII)


T32005 (type Ⅴ)

Mounting Options

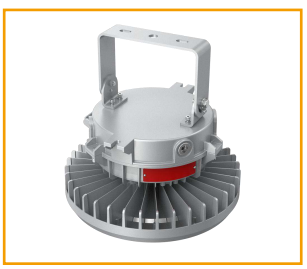

C=Ceiling mount


P=Pendant Mount


W=Wall Bracket


S=25° Stanchion Mount


V=90° Stanchion Mount


T=Trunnion Mount