KIRITO



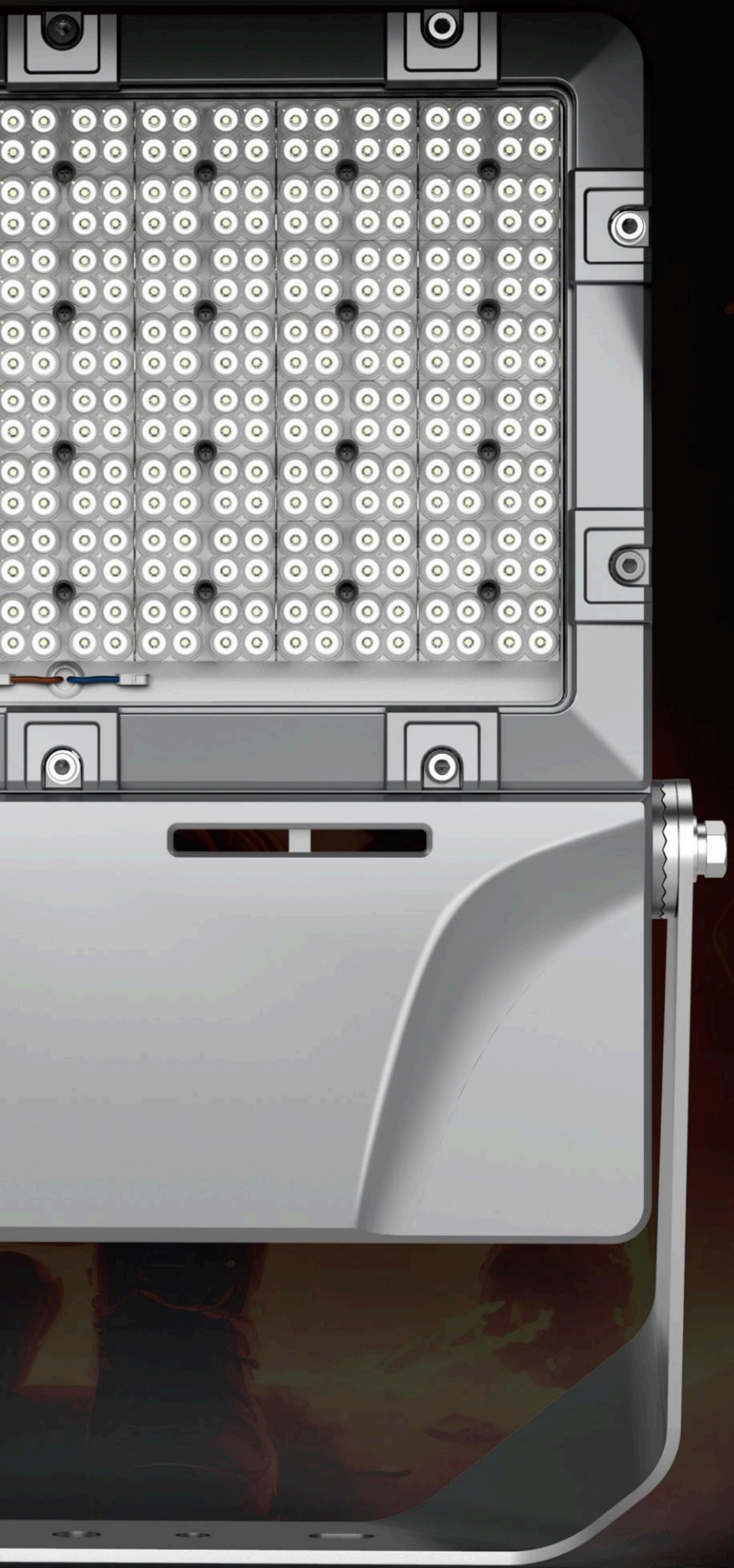
HA04 Sparkle

LED Explosion-Proof Floodlight for **Zone2 and C1D2**

150W / 200W / 240W

IECEx · Ex · UL CERTIFIED

Up to 150lm/W · IP66 · IK08 · -40°C~+65°C · Marine grade



Spakle HA04's precise material selection, robust structure, great thermal management, and thoughtful detailing creates an impression of safety and reliability.

Just like Iron Man, defends against challenging threats and brings light to the hazardous environment.

Lens+Tempered glass

Anti-UV, IK08

IK08

Heat sink

Copper-free aluminum material for anti-corrosion, separated light source and power supply with an interval in between to get superior heat dissipation.



Visor

Prevent unwanted uplight and spill light



Offset bracket

Precise ±90°adjustable bracket makes installation easier.



Cable entry

Loop-in and loop-out design helps the lights to be interconnected, saves wires and easy to maintain.
3/4"NPT or M25×1.5



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
- Class I, Zone 2, Group IIC, IIB, IIA
- Zone 20, 21, or 22
- Zone 22
- UL1598A Marine

IECEx

- Ex nR IIC T6/T5 Gc
- Ex tb IIIC T80 ℃/95 ℃ Db IP66

ATEX

- II 3G Ex nR IIC T6/T5 Gc
- II 2D Ex tb IIIC T80 ℃/95 ℃ Db IP66

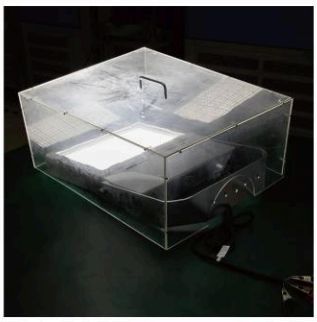
Reliability Test



IP66 test



IK08 test



Insulation test



Drop test









Color options

Warm White-Cool White options



2000K 3000K 4000K 5700K 6500K

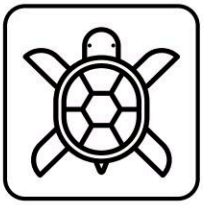
Customized solution

Colored LED R/G/B/AMBER options



Red Green Blue Amber

Reduction in light pollution and improves visibility for telescopes due to isolating blue wavelength in red and amber colors. Amber color is also wildlife-friendly specifically for coastal areas.





1 Chemical

3 Foundries

5 Power Generation

7 Manufacturing

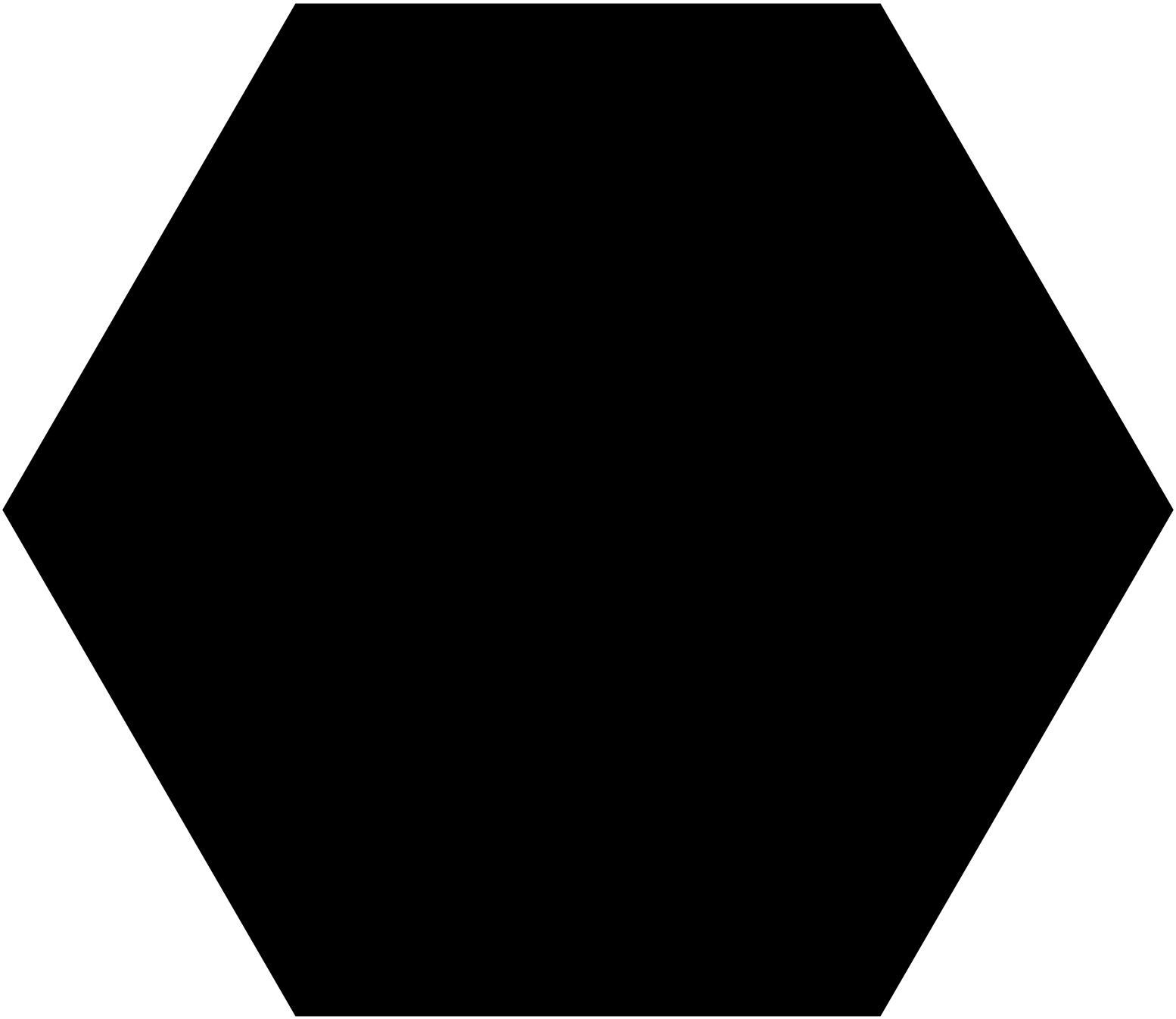
2 Oil, Gas, and Petrochemical

4 Pulp and Paper

6 Waste and sewage treatment

Key Features

- Available in 150W, 200W, 240W.
- Efficiency is up to 150LM/W.
- 12 optical patterns available to accommodate a variety of applications.
- The max operating ambient temperature range: -40°C to +65°C (-40°F to +149°F).
- Optional stainless steel guard and visor.
- Adjustable bracket, mounting angle ±90°.
- Warm White-Cool White color and colored LED R/G/B/AMBER options.
- Standard 10Kv surge protection.
- 5-year warranty.



ADDITIONAL PRODUCT SPECIFICATIONS

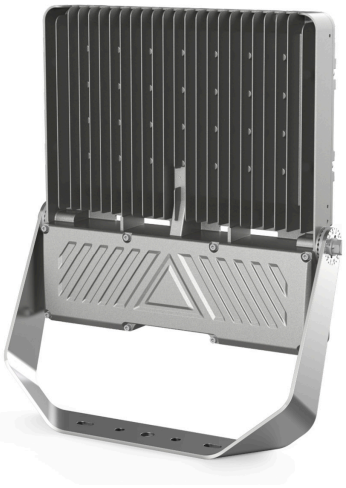
Series Code	HA04
Power	150W, 200W, 240W
Efficacy	150lm/W
Input Voltage	100-277VAC, 277-480VAC, 50 / 60 Hz
Power Factor	>0.90
CCT	White (2000K ~ 6500K), Red, Green, Blue, Amber
CRI(Ra)	70, 80, 90
Control	No Dim
IP Rating	IP66
IK Rating	IK08
Mounting Option	Bracket Mounting
Warranty	5 Years
Surge Protection	10kV line-line, 10kV line-earth
Operating Temperature	-40°C to + 65°C (40°F to +149°F)

Inspired by the design of the Iron Man mask, Sparkle features a robust structure and effective thermal management, collectively conveying a sense of safety and reliability. Just like Iron Man defends against challenging threats and brings light to the hazardous environment.

PRODUCT VIEWS



VIEW 1



VIEW 2



VIEW 3



VIEW 4