

Hill Myna Series



LED Explosion proof Portable Light
Ex mark:Ex ib II C T4 Gb

★ **KHJ-LED Explosion Proof Lighting**

Features and benefits

1. Osram and Cree LED source, high lumen output and long lifespan.
2. Import advanced technology to deliver excellent performance, robustness, reliability and versatility in the harshest environments.
3. Equipped with adjustable stainless steel bracket.
4. For safe use in Zone 1 (with Ex mark: Ex ib IIC T4 Gb).
5. IP68 can be used underwater 3meters.
6. Advanced optics with high intensity spot beam, visible at 200m, also can be switchable to wide-angle flood light.
7. Battery duration is up to 8 hours at work light.
8. Environmental friendly Lithium battery with over-charge and over-discharge protection.
9. Ambient temperature from -20°C to 40°C.

Application:

1. Petroleum Industry, Petrochemical Industry, Metallurgical Industry, Power Generation Industry, Power Transmission Industry, Railway Industry, Public Security and Fire Fighting, etc.
2. Petroleum and petrochemical, aircraft, military, outdoors, indoors, portable emergency kits.

Division:

- Class I Divison 1&2 Groups A、 B、 C、 D
- Class II Divison 1 Groups E、 F、 G
- Class II Divison 2 Groups F、 G
- Class III Divison 1
- Class III Divison 2

Ex Mark&Certifications:

- Ex ib IIC T4 Gb;
- CE Compliant;
- RoHS Compliant;
- IP 68 Rated .



Executive standard

1. EN60079-0:2007
2. EN60079-11:2007
3. EN60598-1:2008
4. IEC60079-0:2007
5. IEC60079-11:2006
6. IEC60598-1:2008
7. IEC60529:2001

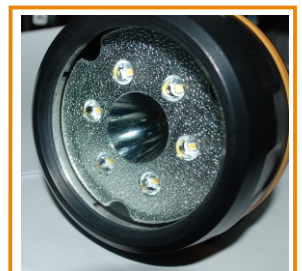
★ CHARACTERISTIC DETAILS



Import advanced technology to deliver excellent performance, robustness, reliability and versatility in the harshest environments



IP 68 can be used underwater 3meters



Advanced optics with high intensity spot beam, visible at 200m, also can be switchable to wide-angle flood light

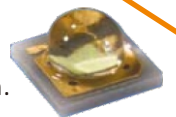


Button switch with waterproof Holzer, human switch interface design, the operation is more simple and comfortable.



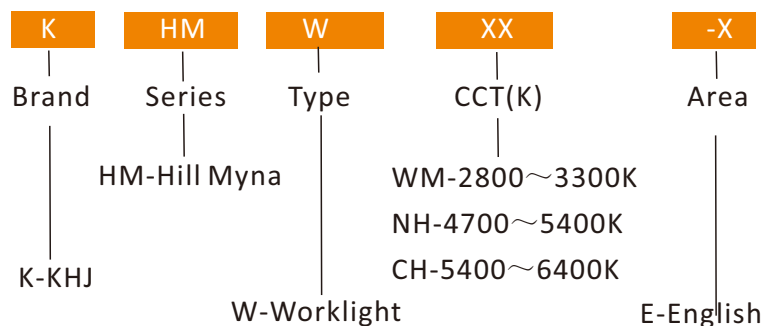
Equipped with adjustable stainless steel bracket.

Osram LED Cree LED source, high lumen output and long lifespan.



CHARACTERISTIC DETAILS

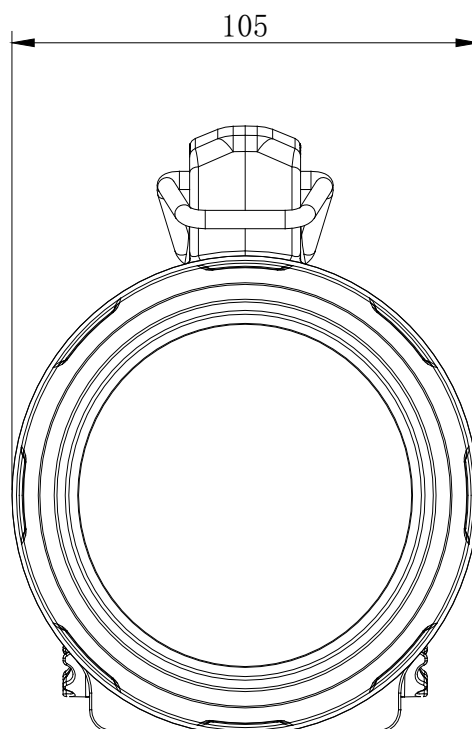
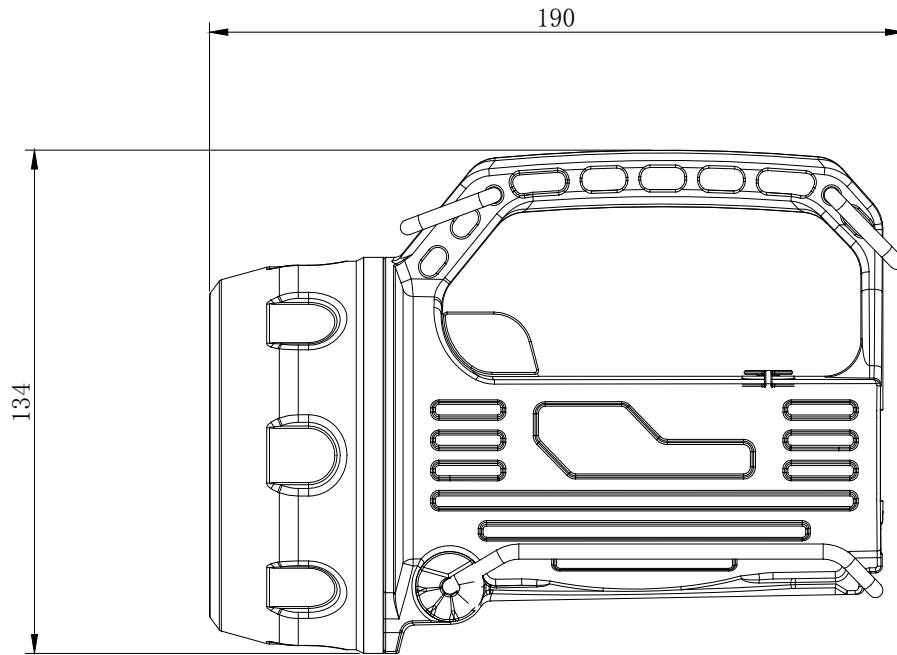
Product Definition



The main performance parameters

Product type	KHMWCH	
Ex type	Ex ib IIC T4 Gb	
Temp.classification	T4	
Ambient temp. (°C)	-20~+40	
Input voltage(V)	3.7	
Power(W)	6W/9W	
Rated capacity(Ah)	13.2	
Charging time(h)	10	
Type	Lithium battery	
Lifespan	500 cycles	
Illumination(lx) (Distance:1M)	High intensity spotlight	10000
	Standard spotlight	5000
	High output floodlight	2000
	Standard floodlight	1200
Working time(h)	High intensity spotlight	≥8
	Standard spotlight	≥16
	High output floodlight	≥16
	Standard floodlight	≥30
Size (mm)	190*105*134	
Weight (Kg)	1.0	
IP Code	IP68(3 m)	
Insulation	I	

(Unit : mm)



⚠ Caution

- 1.To avoid the risk of fire, explosion, or electric shock, this product should be installed, inspected, and maintained by a qualified electrician only, in accordance with all applicable electrical codes.
- 2.To avoid electric shock:
Be certain electrical power is OFF before and during installation and maintenance.
- 3.To avoid explosion:
 - 1)Make sure the supply voltage is the same as the luminaire voltage.
 - 2)Do not install where the marked operating temperatures exceed the ignition temperature of the hazardous atmosphere.
 - 3)Do not operate in ambient temperatures above those indicated on the luminaire nameplate.
 - 4)All gasket seals must be clean.
 - 5)Before opening, electrical power to the luminaire must be turned off. Keep tightly closed when in operation.

Package Check

1. Check the carton and all the components according to the packing list.
2. Make sure the product is in good conditions.

Transportation

Please keep this product from heavy mechanical shock, exposure to strong sunshine, throwing, rolling and stress during transport.

Storage:

Kept in dry, clean and well-ventilated, non-corrosive medium warehouse, the ambient temperature should be -20°C to 40°C

After-sales service

Installation and maintenance must be according to the instruction.
If customer can not deal with it by themselves, please contact with sales department.

Contact

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