



LED Explosion Proof Portable Light

ATEX Certified LED Portable light in Hazardous Area.

Hill Myna Series

- ⚡ II 2 G Ex mb ib op is IIC T6 Gb
- ⚡ II 2 D Ex tb op is IIC T80°C Db IP66





Features And Benefits:

- High efficacy LED Source with long lifespan, L70 > 100,000 hours @ 25°C ambient
- 3-year performance warranty
- C/W battery level indicator function
- Designed with advanced optical principle ,making visual distance up to 200m
- Extreme resistance to abrasion and corrosion
- Low maintenance

Applications:



Oil&Gas Exploration



Drilling



Oil Refinery



Petrochemical Plant



Power Plant



Pharmaceutical Plant



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LED Portable Light

Standard & Certificate:

Ex Mark:	Gas:  II 2 G Ex mb ib op is IIC T6 Gb Dust:  II 2 D Ex tb op is IIIC T80°C Db IP66
Certificate:	• ATEX Certification NO.:ECM 19 ATEX-B SU43 • RoHS • CE
Executive Standard:	• EN 60079-0:2018 • EN 60079-1:2014 • EN 60079-7:2015+A1:2018 • EN 60079-11:2012 • EN 60079-18:2015+A1:2017 • EN 60079-28:2015 • EN 60079-31:2014. • IEC 60079-0:2018 • IEC 60079-7:2015+A1:2018
Classification:	• Group II Zone 1 & 21 and 2 & 22

Electrical & Photometric Features:

Luminaire Efficacy:	110lm/W
Illuminance:	480 lx(5m)
Lifespan:	>100,000 hours
Charge Voltage:	100-240VAC 141-339 VDC
Input voltage:	3.7V
Power:	3W/6W
Battery Capacity:	15.6 Ah
Battery Type:	Lithium battery
Battery Lifespan:	500 cycles
Light Duration:	>8h(High output) >16h(Normal output)
Charging Time: (after full discharge)	<6h
Frequency:	50/60Hz
Power Factor:	>0.98
Insulation Class:	I
LED Driver:	Over voltage protection/short circuit protection

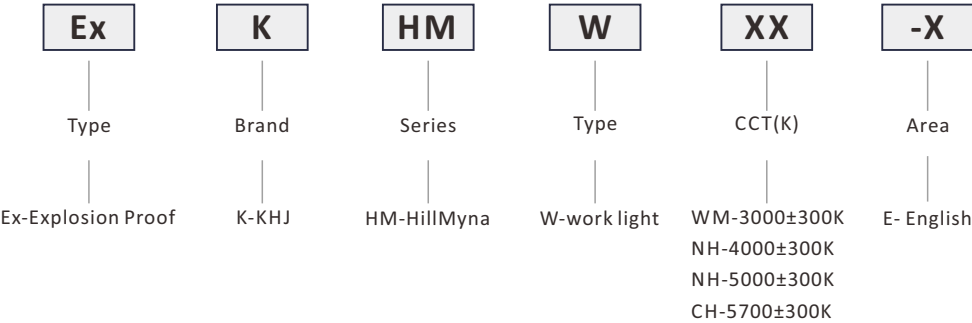
Mechanical Features:

Weight:	1Kg
Size:	190*105*134mm
Ambient Temperature:	-20°C--+40°C
IP Code:	IP66



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Production Definition



Ordering Information

P/N	Charge Voltage(V)	Luminous Flux(lm)		Power(W)		CRI	Color Temp.	CCT(K)	Temp. Classification
		3W	6W	Spotlight	Floodlight				-20℃~+40℃
Ex-KHMWWM-E	100~240AC (141~339 DC)	270	540	6	3	80	Warm white	3000±300	T6
Ex-KHMWNH-E		330	660	6	3	70	Natural white	4000±300	
Ex-KHMWNH-E		330	660	6	3	70	Natural white	5000±300	
Ex-KHMWCH-E		330	660	6	3	70	Cool white	5700±300	

Size

