



**ECO  
LIGHT**  
*INDUSTRIAL LED*

**LED  
IECEx  
PORTABLE**

**Ex-MV01**

## **EXPLOSION PROOF PORTABLE LED LIGHT**

The **EX-MV01 Explosion Proof Portable Light** is a **ATEX Zone 0, and IECEx ia-certified remote area light**, designed for maximum safety and performance in **hazardous and volatile environments**.

Delivering up to 1,600 lumens of powerful illumination across a 125° beam angle, with up to 10 hours of continuous run time it perfectly suited for full work shifts in demanding industrial locations.

Lightweight at only 7kg and fully collapsible, the EX-MV01 is easy to carry, deploy, and store. It features dual light modes (High/Low), multiple deployment positions, and a 360° rotating mast for flexible illumination. With three brightness levels, real-time battery indication, and low-level alerts, it ensures optimal visibility and operational safety at all times.

Certified to the highest explosion-proof standards — ATEX Zone 0, and IECEx ia — the EX-MV01 provides reliable, safe lighting in hazardous areas, including oil rigs, refineries, chemical plants, and confined spaces.

Built to withstand extreme conditions, it operates flawlessly within a temperature range of -20°C to +40°C and offers IP66 protection against dust, water, and impacts.



## **TECHNICAL SPECIFICATIONS**

<b>Fixture/Part No.</b>	<b>Ex-MV01</b>
<b>IECEx Compliance</b>	<b>Zones 0, 1/21 &amp; 2/22</b>
ATEX Standard, II 2GD	II 1 G Ex ia IIC T4 Ga
<b>IECEx Standard</b>	<b>Ex ia IIC T4 Ga</b>
Power	19.5 W
Fixture Lumens	Up to 1,600lm (at 5000K White)
LED Lighting Efficiency	100lm/W (at 6000K White)
BeamAngle	125°
Luminaire Head Rotation	360°
Protection	IP66/IK08
Battery Power	10.8V, 9Ah
Portable Charger AC Input	100-277V AC
Battery Runtime	10hrs (at full power)
Charging DC Voltage	10.8V-14.4V DC
Battery Type	Ni-MH
Output Modes	High: 19.5W = 1,600lm, Low: 5W = 500lm Strobing/Flashing
Weight	7kg
Body Construction	Industrial Grade Plastic
Operating Temperature	T4/T130°C: -40°C to +60°C
Dimensions	Folded: 210x237x386mm; Lifted: 205x355x777mm
Warranty	5yrs

**e** **ECO**  
**LIGHT**  
[www.ecolight.co.nz](http://www.ecolight.co.nz)