

SPECIFICATIONS

M-SAB15-5400M	
Brightness:	1600Lm
Colour Temperature:	4000K
Output Power:	15W
Equivalent Mains Power:	150W
Li-Ion Battery Pack:	18650, 7.4V/ 5400mAh, replaceable
Solar Panel:	9.5W, Mono-crystalline silicone material
Beam Angle:	140X70°-TPIII
Working Modes:	Two Auto Working Modes
Pole Size:	ø50mm
Spigot Size:	ø40-50mm
PIR Detection Angle/ Distance:	120°/ 3 - 8Mtrs
IP Rating:	IP65
Installation Height:	3-5 metres
Working Temperature:	-20°C~60°C
Warranty	12 Months

COMPLIANT WITH:

The products listed in these instructions have been tested and comply with the following:

- EMC (2014/30/EU) Directives
- EMC (2014/30) Statutory Instruments
- BS EN 55015
- BS EN 61000-3-2
- BS EN 61000-3-3
- BS EN 61547
- EN 60598-2-3
- LVD Directives
- IEC 60598-2-3/AMD1 used in conjunction with IEC 60598-1
- RoHS Directive (EU)2015/863

SENSORS - PIR

Fig 12.

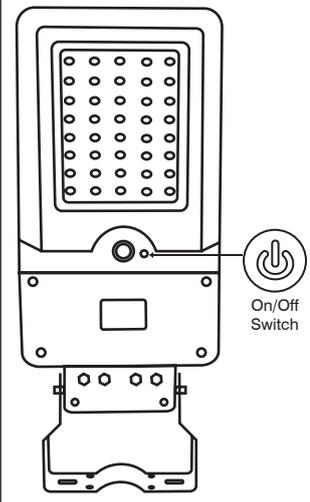
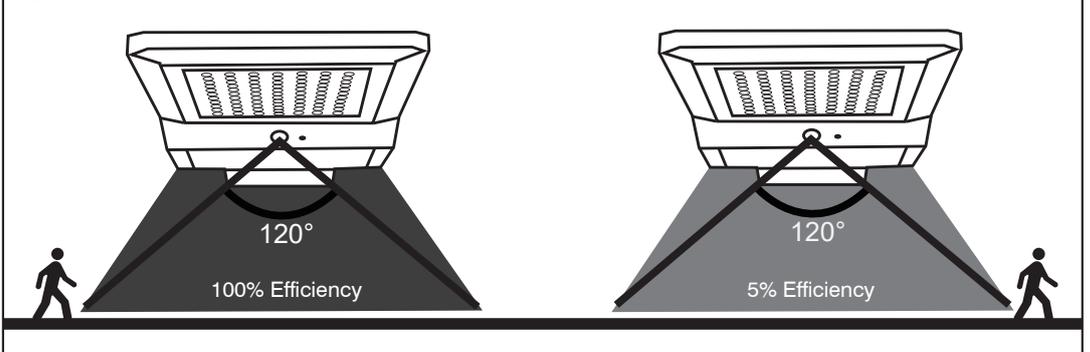


Fig 12. On/ Off Switch is indicated above. Press the switch once and the lamp will Auto-adjust through the modes shown to the right.

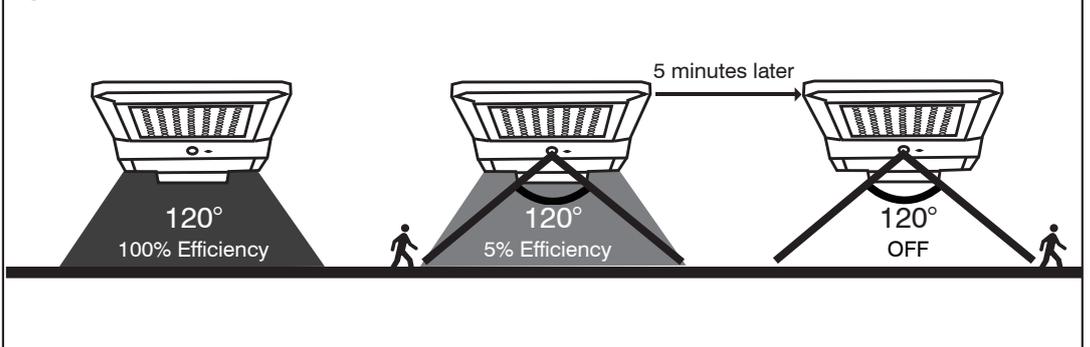
Fig 13.



Auto Mode A - First 5 Hours:

Automatically turns on at full brightness (1600lm) when motion is detected in an ≤ 8 mtrs range the fitting turns to a dimmer brightness after 20 seconds of no motion.

Fig 14.



Auto Mode B - After 5 Hours or $\leq 30\%$ Battery Capacity

Automatically turns on at full brightness (1600lm) when motion is detected in an ≤ 8 mtrs range switching to 5% efficiency after 20 seconds of no motion, turning off after 5 minutes (if no motion is detected).



Errors & Omissions excluded.

Specification is subject to change without notice.

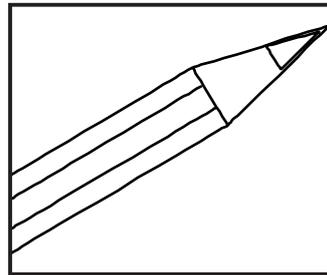


GENERAL INFORMATION

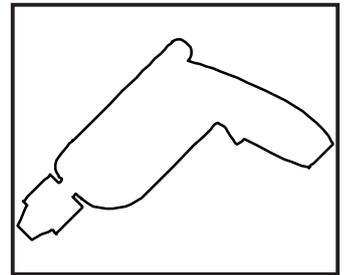
PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE. Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

- If this product is being fitted as a replacement for an existing wired installation, the wiring must be isolated in accordance with the latest IET Wiring Regulations, BS7671. If in doubt consult a qualified electrician.
- Before commencing installation, ensure the fitting is complete with the fixings required.
- When installing the fitting please note the position of any pipes or wiring behind the fixed surface to prevent the risk of damage.
- With all painted/plated products some shade variation may occur. Please ensure products are checked before fitting.
- The LED light source is replaceable by professionals only.
- The manufacturer reserves the right to improve the product specification without prior notice.

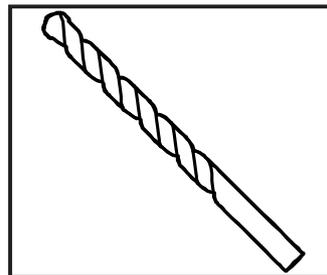
INSTALLATION TOOLS



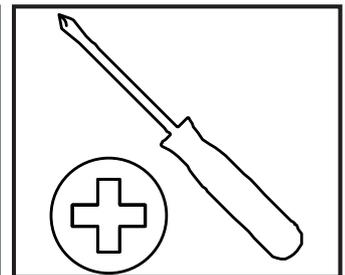
Pencil



Drill



Suitable Drill Bit



Cross-Head Screwdriver

INSTALLATION A- Straight Pole

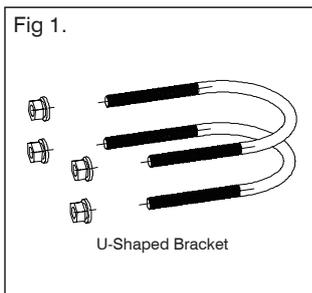


Fig 1. Prepare lamp, accessories and tools first.

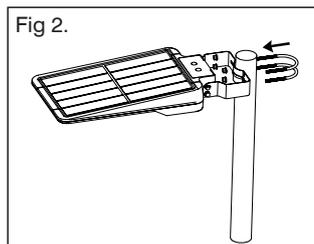


Fig 2. Remove bolts from U-brackets, insert U-bracket through the pole then into the lamp bracket

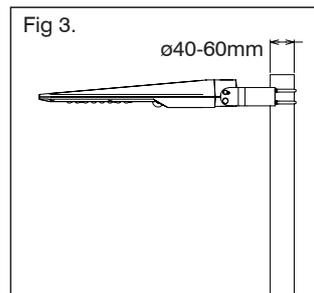


Fig 3. Tighten screws to fix lamp onto the pole (size ø40-60mm).

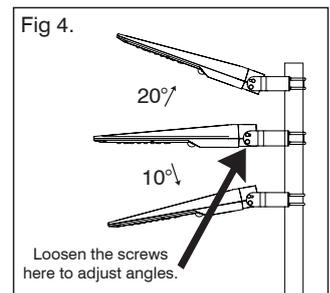


Fig 4. Loosen screws and adjust angle position as needed.

INSTALLATION B- Curved Pole

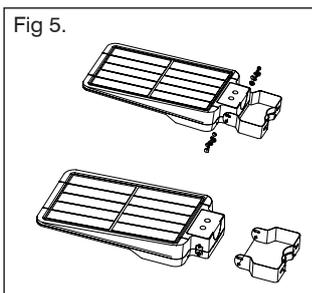


Fig 5. Loosen the screws and remove the bracket

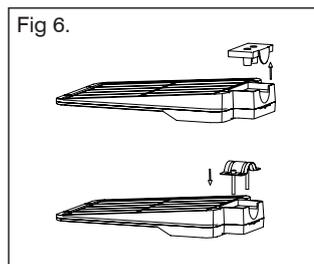


Fig 6. Remove the top cover from fitting and replace with arch-shaped bracket

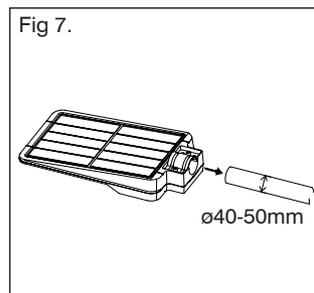


Fig 7. Add the fitting onto the pole (ø40-50mm)

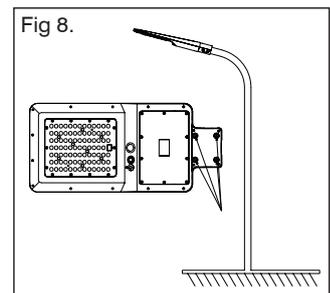


Fig 8. Adjust & balance, then lock the arch-shaped bracket to secure

INSTALLATION C- Wall Mount

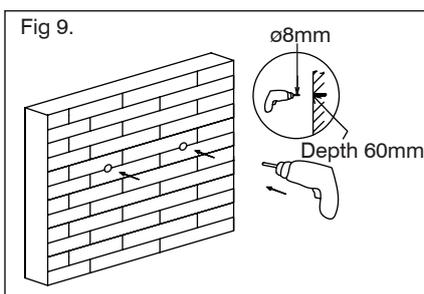


Fig 9. Drill two ø8mm holes approx. 105mm spacing with depth of 60mm

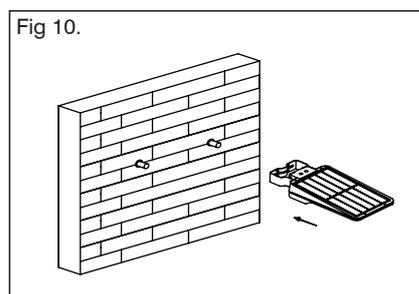


Fig 10. Fix the Rawl plugs into the previously drilled holes

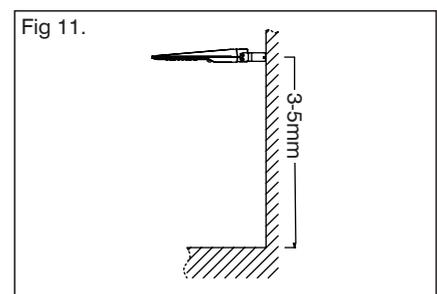


Fig 11. Fix the fitting onto the wall with screws