

# Helmet Mounted **Lighting Solutions**

A unique range of ATEX approved lamps



*Because every life has a **purpose...***

# Helmet Mounted **Lighting Solutions**

*When working in fire & rescue environment, it is essential to have a good view of any potential hazards and risks. For this purpose, MSA offers a unique range of lighting solutions for firefighting helmets.*

## Key Product Features

- Hands free operation with light always directed to the target
- ATEX approved LED lamps for use in hazardous areas
- Specific helmet attachment, safe and angle adjustable, ergonomic position on lower part of helmet
- Robust, compact and functional lamp design
- Variety of performance and operating concepts for different applications
- Water resistant or water proof according to the model



### Lamp XPS

- Constant LED illumination over nominal burn time, medium range, high light penetration in heavy fume environments.
- Compact and lightweight



The benchmark for firefighter helmet lights!

### Lamp XP LED

- High-power, constant LED illumination over nominal burntime, medium to long range, high light penetration in heavy fume environments
- Rotary on/off switch to prevent unwanted start-up



### Lamp AS-R

- Rechargeable with remaining burn time indicator
- Medium to long range
- High light penetration in heavy fume environments
- Two power modes
- Additional red LED to indicate wearers position
- Ergonomic and lightweight design
- Individual or collective charger (up to 40 lamps)



### Lamp XS

- Short range lamp, ideal for reading maps or illuminating a working area
- Very compact and lightweight
- Supplied with adapter and lanyard



### Gallet F1 XF integrated light module

- 2 LEDs on both sides
- Short range illumination with innovative light distribution, forward and downward
- Compact, protected and perfectly balanced
- Battery level indicator

|  | XPS   | XP LED  | AS-R   | XS                          | F1 XF<br>Light Module                     |
|--|---|---|--|-----------------------------|---|
| <b>Application</b>                                     |   |   |  |                             |   |
| <b>Illumination Range</b>                              | Medium  | Medium to long                                      | Medium to long   | Short                       | Short                                     |
| <b>High heat &amp; flame environment</b>               | ■   | ■   | ■  |                             | ■   |
| <b>Heavy fume penetration</b>                          | ■   | ■   | ■  |                             | ■   |
| <b>Technical Rescue</b>                                | ■   | ■   | ■  | ■                           | ■   |
| <b>Use in potentially explosive atmospheres (ATEX)</b> | ■<br>Zone 0   | ■<br>Zone 1   | ■<br>Zone 0  | ■<br>Zone 0                 | ■<br>Zone 1                               |
| <b>Technical Specifications</b>                        |   |   |  |                             |   |
| <b>IP</b>  | 67  | 67  | 67   | X4                          | 56  |
| <b>Light technology</b>                                | High performance LED white                          | High performance LED white                          | High performance LED White + Lateral LED Red               | LED white                   | 4 LEDs, white                             |
| <b>Power supply</b>                                    | 3AA batteries (alkaline)                            | 4AA batteries (alkaline)                            | Rechargeable Li-Ion battery pack, various charging options | 4 LR44 batteries (alkaline) | 3AAA batteries (alkaline or rechargeable) |
| <b>Nominal light output (lumen)</b>                    | 103   | 76  | 135<br>27 (economy mode)                                   | 12                          | 25  |
| <b>Burn time (at indicated light output)</b>           | 6 h   | 7.45 h  | 3.15 h<br>6.15 h (economy mode)                            | 4.15 h                      | 10h<br>(with alkaline batteries)          |
| <b>Weight (with batteries)</b>                         | 180 g   | 235 g   | 180 g  | 35 g                        | 100 g                                     |
| <b>Length</b>  | 154 mm  | 178 mm  | 156 mm   | 67 mm                       | Integrated                                |
| <b>Colours</b>   | Hi-Visibility yellow with photoluminescent elements | Hi-Visibility yellow with photoluminescent elements | Hi-Visibility yellow with photoluminescent elements        | Grey with black shroud      | Black (integrated)                        |



| Part No                                  | Description   |
|--|---|
| <b>Helmet mounted Lighting Solutions</b> |   |
| GA1481                                   | Lamp AS-R (rechargeable)  |
| GA1464                                   | Lamp XP LED (4AA batteries included)                                |
| GA1488                                   | Lamp XPS (3AA batteries included)                                   |
| GA1466                                   | Lamp XS (4 LR44 batteries, lanyard, adapter included)               |
| GA1484                                   | Gallet F1 XF integrated light module (3 AAA batteries included)     |
| <b>Accessories</b>                       |   |
| GA1485D                                  | Lamp support (right) for Gallet F1 XF helmets                       |
| GA1485G                                  | Lamp support (left) for Gallet F1 XF helmets                        |
| GA1468                                   | Lamp support, for F2X-TREM helmets                                  |
| GA1431                                   | Lamp support for F1E/F1S helmets                                    |
| GA1483-A                                 | Individual 220V charger for AS-R Lamp (other chargers upon request) |
| GA1465                                   | 90° adapter for XP LED  |
| GA1440                                   | Vehicle mount (all torches)   |
| GA1441                                   | Belt clip (all torches)   |

- AS-R Lamp is manufactured by ADARO
- MSA by PELI lamps are manufactured by PELICAN. MSA by PELI lamps come with an unlimited warranty, except for the batteries
- ATEX approval is valid only with the battery brand specified in the users instructions
- All lamps are approved accessories for MSA helmets with their specific attachments



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