

# ZONE 0/1/2 APPLICABLE INTRINSICALLY SAFE HEAD/FLASH LIGHT



SCARLET | TECH

SL-11 Explosion proof Headlight

SL-21 Explosion proof Flashlight

SL-23 Explosion proof Flashlight



**IECEx**

**ATEX/IECEx intrinsically safe approved**  
Bright and powerful light  
Durable impact-resistant structure  
Special reflector for long-range lighting  
Integration via industrial output

# SL-11 EXPLOSION PROOF HEADLIGHT

## Features:

- Cree XP-G2 LED
- Durable, impact-resistant structure
- 90-degree tiltable head with an adjustable headband
- Bright and powerful light
- Safety lock on battery compartment
- Available for two LED colors:  
(1) White: Provide clear and bright light  
(2) Amber: Suitable for use in dark fog or thick smoke areas
- Lumens: 216

Certifications:   **IECEX** 



# SL-21 EXPLOSION PROOF FLASHLIGHT

## Features:

- Cree XP-G2 LED
- Mining flashlight (ATEX / IECEx approved)
- Air free heat sink to enhance LED heat dissipation
- Stainless belt / pocket clip
- Valve design for hydrogen gas release
- Battery carriage with a foolproof mechanism
- Flameproof accessories available
- Lumens: 133

Certifications:   **IECEX** 



# SL-23 EXPLOSION PROOF FLASHLIGHT

## Features:

- Cree XP-E LED
- Aluminum heat sink to enhance LED efficiency
- Special reflector for long-range lighting
- Tough and durable casing
- High impact lens
- Non-clip handle
- Fastener prevents from switching on torch in hazardous places
- Valve design for hydrogen gas release
- Lumens: 323

Certifications:   **IECEX** 



| SL-11         | Low              | High       |
|---------------|------------------|------------|
| Battery Size  | 3 x AAA          |            |
| Light Source  | Cree XP-G2 LED   |            |
| Mode          | High / Low / Off |            |
| Light Output  | 100lm            | 216lm      |
| Beam Distance | 75m              | 100m       |
| Run Time      | 12hrs 12mins     | 5hrs 8mins |
| IP Rating     | IP67             |            |
| Weight        | 130g             |            |
| Dimension     | 80 x 50 x 45mm   |            |
| Lumens        | 216              |            |



CLASS I DIV 1&2 GRP ABCD  
CLASS II DIV 1&2 GRP EFG  
CLASS III  
TEMP CODE: T4 IP67  
FILE NUMBER E324236



IECEx

II 1G Ex ia IIC T4 Ga IP67  
DEMKO 14 ATEX 1354X

Ex ia IIC T4 Ga IP67  
IECEx UL 14.0059X



Approved

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| SL-21         | Low              | High  |
|---------------|------------------|-------|
| Battery Size  | 4 x AA           |       |
| Light Source  | Cree XP-E LED    |       |
| Mode          | High / Low / Off |       |
| Light Output  | 32lm             | 133lm |
| Beam Distance | 110m             | 231m  |
| Run Time      | 69hrs 10mins     | 6hrs  |
| IP Rating     | IP67             |       |
| Weight        | 115g             |       |
| Dimension     | 174 x 47 x 47mm  |       |
| Lumens        | 133              |       |



CLASS I DIV 1 GRP ABCD  
CLASS II DIV 1 GRP EFG  
CLASS III  
TEMP CODE: T4  
FILE NUMBER E324236



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II 1G Ex ia IIC T4  
DEMKO 13 ATEX 1302999X

Ex ia IIC T4 Ga  
IECEx UL 13.0013X



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| SL-23         | Low              | High        |
|---------------|------------------|-------------|
| Battery Size  | 4 x AA           |             |
| Light Source  | Cree XP-G2 LED   |             |
| Mode          | High / Low / Off |             |
| Light Output  | 140lm            | 323lm       |
| Beam Distance | 184m             | 288m        |
| Run Time      | 13hrs            | 6hrs 30mins |
| IP Rating     | IP54             |             |
| Weight        | 250g             |             |
| Dimension     | 183 x 69 x 63mm  |             |
| Lumens        | 323              |             |



CLASS I DIV 1&2 GRP ABCD  
CLASS II DIV 1&2 GRP EFG  
CLASS III  
TEMP CODE: T4 IP54  
FILE NUMBER:261379



IECEx

I M1 Ex ia I Ma  
II 1G Ex ia IIC T4 Ga  
Sira 15ATEX2166X

GAS:Ex ia IIC T4 Ga  
MINING:Ex ia Ma  
IECEx SIR 15.0062X



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