

ZONE 0/1/2 APPLICABLE INTRINSICALLY SAFE HEADLAMP/FLASHLIGHT



SCARLET | TECH

SL-11 Explosion-proof Headlamp

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 HEADLAMP

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 / Lifespan of 50,000 hrs	
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



II 1G Ex ia IIC T4 Ga IP67
DEMKO 14 ATEX 1354X
Ex ia IIC T4 Ga IP67
IECEx UL 14.0059X



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SL-21	Low	High
Battery Size	4 x AA	
Light Source	Cree XP-E LED / Lifespan of 50,000 hrs	
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



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 / Lifespan of 50,000 hrs	
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



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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