



## INTRINSICALLY SAFE RESCUE FLASHLIGHT: EX-2280

**Ex** II 2G Ex ib op is IIC T4 Gb  
II 2D Ex ib op is IIIC T130°C Db

Source Lumens: High: 210 lm, Medium: 126 lm, Low: 53 lm, Strobe light: 210 lm, S.O.S.: 210 lm  
Effective Lumens: High: 125 lm, Medium: 75 lm, Low: 32 lm, Strobe light: 125 lm, S.O.S.: 125 lm

LED 6V, 3W  
High, Medium, Low, Strobe light & S.O.S.

Beam distance: 120m

Impact resistance: 1.8m

Area of classification (gases): Zones 1 & 2, Gas Groups IIA, IIB & IIC

Area of classification (dusts): Zones 21 & 22, Dust Groups IIIA, IIIB & IIIC

Temp. classification (gases): T4

Max. surface temp. (dusts): 130°C

Ambient temperature: -20°C to +40°C

## INTRINSICALLY SAFE HEAD LIGHT: EX-2680

**Ex** II 2G ib op is IIC T4 Gb  
II 2D ib op is IIIC T130°C Db

Source Lumens: 137lm

Effective Lumens: 119lm

LED 6V, 1.8W

Beam distance: 76m

Impact resistance: 1.8m

Area of classification (gases): Zones 1 & 2, Gas Groups IIA, IIB & IIC

Area of classification (dusts): Zones 21 & 22, Dust Groups IIIA, IIIB & IIIC

Temp. classification (gases): T4

Max. surface temp. (dusts): 130°C

Ambient temperature: -20°C to +40°C

SPOT

Light duration: Up to 8hrs

Battery type: 4X LR6(AA) Alkaline battery 4x1.5V

without headband and cells: 173g

IP68

792286

330619

Dry battery 6V  
Maintain (hrs): High: 5.5, Medium: 9, Low: 22, Strobe light: 16, S.O.S.: 14

Battery type: 4X LR6(AA) Alkaline battery 4x1.5V

SPOT

without cells: 230g

IP66

## INTRINSICALLY SAFE HEAD LIGHT: EX-2980

**Ex** I M1 Ex ia I Ma  
II 1G Ex ia op is IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

Mining

Source Lumens: High: 193 lm, Medium: 64 lm, Flood: 210 lm, Strobe light: 193 lm  
Effective Lumens: High: 132 lm, Low: 44 lm, Flood: 65 lm, Strobe light: 132 lm

LED 4.5V, 1.8W  
High, Low, Flood mode & Strobe light

Beam distance: 58m

Impact resistance: 2m

Area of classification (gases): Zones 0, 1 & 2, Gas Groups IIA, IIB & IIC

Area of classification (dusts): Zones 20, 21 & 22, Dust Groups IIIA, IIIB & IIIC

Temp. classification (gases): T4

Max. surface temp. (dusts): 135°C

Ambient temperature: -20°C to +40°C

SPOT/ FLOOD

3X LR03(AAA) Alkaline battery 3x1.5V

Maintain (hrs): High: 5.3, Low: 16, Flood mode: 11.5, Strobe light: 7.5

without cells & headband: 116g

IP67

330620

## INTRINSICALLY SAFE FLASHLIGHT: EX-5380

**Ex** I M1 Ex ia I Ma  
II 1G Ex ia op is IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

Mining

Source Lumens: 174lm

Effective Lumens: 110lm

LED 3V, 1.2W

Beam distance: 81m

Impact resistance: 1.8m

Area of classification (gases): Zones 0, 1 & 2, Gas Groups IIA, IIB & IIC

Area of classification (dusts): Zones 20, 21 & 22, Dust Groups IIIA, IIIB & IIIC

Temp. classification (gases): T4

Max. surface temp. (dusts): 135°C

Ambient temperature: -20°C to +40°C

SPOT

Light duration: Up to 4.75hrs

Battery type: 2X LR6(AA) Alkaline battery 2x1.5V

Weight without cells: 114g

IP67

B-50  
FLASHLIGHT  
HELMET  
MOUNT:  
330606A

792206

# INTRINSICALLY SAFE SAFETY

HAND LAMP:  
EX-4DCL 330607L



<b>Ex</b> II 2G Ex ib op is IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP66	Source Lumens <b>106 lm</b>	Effective Lumens <b>50 lm</b>	<b>LED</b> 6V, 1W
Beam distance <b>50m</b>	Impact resistance <b>1.5m</b>	Area of classification (gases) Zones 1 & 2 Gas Groups IIA, IIB & IIC	Area of classification (dusts) Zones 21 & 22 Dust Groups IIIA, IIIB & IIIC
Temp. classification (gases) <b>T4</b>	Ambient temperature <b>-20°C to +40°C</b>	Max. surface temp. (dusts) <b>135°C</b>	<b>SPOT</b>
Light duration <b>Up to 20hrs</b>	Life time <b>25000hrs</b>	Battery type <b>4X LR20(D) Alkaline battery 4x1.5V</b>	without shoulder strap and cells. <b>850g</b> , <b>IP66</b>

# INTRINSICALLY SAFE SAFETY HAND LAMP: EX-6100

**Ex** I M1 Ex ia I Ma  
II 1G Ex ia op is IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

<b>Mining</b>	Source Lumens <b>446 lm</b>	Effective Lumens <b>237 lm</b>	<b>LED</b> 6V, 4.2W
Beam distance <b>232m</b>	Impact resistance <b>1.5m</b>	Area of classification (gases) Zones 0, 1 & 2 Gas Groups IIA, IIB & IIC	Area of classification (dusts) Zones 20, 21 & 22 Dust Groups IIIA, IIIB & IIIC
Temp. classification (gases) <b>T4</b>	Max. surface temp. (dusts) <b>135°C</b>	Ambient temperature <b>-20°C to +40°C</b>	<b>SPOT</b>
Light duration <b>Up to 28.3hrs</b>	Battery type <b>4X LR20(D) Alkaline battery 4x1.5V</b>	without shoulder strap and cells. <b>940g</b>	<b>IP66</b>



# INTRINSICALLY SAFE 2D PRIMARY CELL POWERED FLASHLIGHT: EX-6180

**Ex** I M1 Ex ia I Ma  
II 1G Ex ia op is IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

<b>Mining</b>	Source Lumens <b>148 lm</b>	Effective Lumens <b>124 lm</b>	<b>LED</b> 3V, 1.7W	Beam distance <b>80m</b>	Impact resistance <b>2.5m</b>
Area of classification (gases) Zones 0, 1 & 2 Gas Groups IIA, IIB & IIC	Area of classification (dusts) Zones 20, 21 & 22 Dust Groups IIIA, IIIB & IIIC	Temp. classification (gases) <b>T4</b>	Max. surface temp. (dusts) <b>135°C</b>	Ambient temperature <b>-20°C to +40°C</b>	<b>SPOT</b>
Light duration <b>Up to 15hrs</b>	Battery type <b>2X LR20(D) Alkaline battery 2x1.5V</b>	without cells. <b>176g</b>	<b>IP67</b>	<b>B-60 Safety Wand (sold separately)</b>	



# INTRINSICALLY SAFE FLASHLIGHT EX-7180 792207



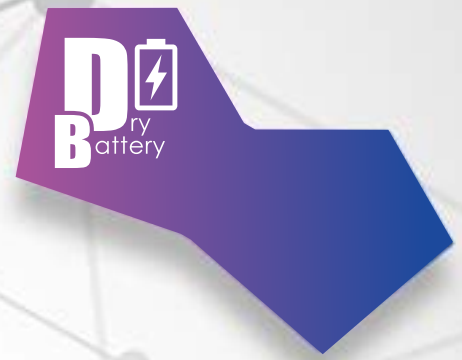
<b>Mining</b>	<b>Ex</b> I M1 Ex ia I Ma II 1G Ex ia op is IIC T4 Ga II 1D Ex ia IIIC T135°C Da	Source Lumens <b>68 lm</b>	Effective Lumens <b>53 lm</b>	<b>LED</b> 3V, 0.6W	Beam distance <b>35m</b>	Impact resistance <b>1.5m</b>
Ambient temperature <b>-20°C to +40°C</b>	<b>SPOT</b>	Light duration <b>Up to 4.4hrs</b>	Battery type <b>2X LR03(AAA) Alkaline battery 2x1.5V</b>	Weight without cells. <b>31g</b>	Temp. classification (gases) <b>T4</b>	Max. surface temp. (dusts) <b>135°C</b>
<b>IP68</b>						

**DRY BATTERY**  
**Ex**  
**CE**  
**RoHS**



# Centurion

EXPLOSION PROOF



## TRIPOD STAND FOR STACKING STAND: B-400

Material: **304 Stainless steel with anti-static coating**

Rotating angle: **360°**

Unfolded height: **1348 mm**

Net weight: **5.30kg**

Suitable for:  
FS-004,  
FS-006,  
FS-104,  
FS-106  
Stacking  
Stand



## EXPLOSION-PROOF SAFETY HAND LAMP STACKING STAND WITH 6 X EX-6100: FS-006

Hand lamp holder material: **Polypropylene (PP)**

Flood light stand material: **304 Stainless steel with anti-static coating**

Length x width x height: **370 x 510 x 522 mm**

Weight-carrying in work:  
1 x stand +  
6 x EX-6100  
hand lamp  
w batteries **14.60kg**

Stand net weight: **7.00kg**

331904

HAND LAMP HOLDER  
WITH "SNAP-IN/SNAP-OUT" FUNCTION



HAND LAMP HOLDER WITH  
"SNAP-IN/SNAP-OUT" FUNCTION

331903

## INTRINSICALLY SAFE SAFETY HAND LAMP: EX-6100



**Ex** I M1 Ex ia I Ma  
II 1G Ex ia op is IIC T4 Ga  
II 1D Ex ia IIIC T135°C Da

Mining Source Lumens **446 lm**

LED 6V, 4.2W Effective Lumens **237 lm**

\*\*For more information about the EX-6100, please refer to Dry Battery Series Page 2.

## EXPLOSION-PROOF SAFETY HAND LAMP STACKING STAND WITH 4 X EX-6100: FS-004

Hand lamp holder material: **Polypropylene (PP)**

Flood light stand material: **304 Stainless steel with anti-static coating**

Length x width x height: **370 x 380 x 522 mm**

Weight-carrying in work:  
1 x stand +  
4 x EX-6100  
hand lamp  
w batteries **10.20kg**

Stand net weight: **5.00kg**

Beam distance **232m**

Light duration **Up to 28.3hrs**