

## SPL-F Series LED Headlamp

Class I, Division 1, Groups C, D	Ex ib IIC T4 Gb
Class I, Division 2, Groups A, B, C, D	Ex tb IIIC T80, Db IP67
Class II, Division 1, Groups E, F, G	Zone 1, Zone 2
Class II, Division 2, Groups F, G	Zone 21, Zone 22
Class III	Type 4X, IP67
LED 1W/3W	



### Applications

Explosion proof flashlight can be applied: Based on the application industry, explosion proof flashlight can be used as temporary lighting in oil and gas processing plant, petrochemical plant, pharmaceutical plant, power generation plant, waste water treatment plant, anywhere there is flammable gas, vapor, mist and dust.

### Features

Just like intrinsically safe headlamp, rated to class 1 division 1 headlamp, SPL-F series explosion proof headlight trends to replace other explosion proof flashlight because of hand-free and labor-free features. Fixed on the head with high lumens efficiency led explosion lamp, this explosion proof led headlamp present the utmost convenience from explosion lighting and explosion led lights in sites of hazardous location lighting.



- > Head-mounted design with circular belt on head or helmet
- > Led 1 or 3w to meet the low lumens lighting request

### International Certifications

#### IEC Standard

IEC60079-0, IEC60079-11  
 Ex ib IIC T4 Gb  
 Ex tb IIIC T80°C Db IP67  
 Zone 1, Zone 2  
 Zone 21, Zone 22

#### EU Standard

EN60079-0, EN60079-11  
  
  
 Zone 1, Zone 2  
 Zone 21, Zone 22

#### NEC & CEC Standard

Class I, Division 1, Groups C, D  
 Class I, Division 2, Groups A, B, C, D  
 Class II, Division 1, Groups E, F, G  
 Class II, Division 2, Groups F, G  
 Class III

#### UL Standard

UL844, UL1598, UL1598A

#### CSA Standard

CSA C22.2 No.137

### Technical Datasheet

Rated Voltage	DC 3.7V
Charging Voltage	100-240V AC,50/60Hz
Wattage(W)	1W/3W
Battery Capacity	2400mAh
Working Time	6-8h
Function	Working Light / Signal Light / Strong Light / Inductive Switch
IP Grade	Wet Locations, Type 4X, IP67
Ambient Temperature	-40°C~ +55°C / -40° F ~ +131° F
Size & Weight	85X75X52mm, 0.115Kg