

# Explosionproof LED Light Fitting



- Explosion protection to  
CENELEC  
IEC  
NEC
- Can be used in Zone 1 & 2      Zone 21 & 22
- Single or dual lamp versions
- Available with 9W x 1, 9W x 2, 18W x 1, 18W x 2
- The glass tube stands 4J impact
- Enclosure in copper free aluminium, powder coated external surface, yellow (RAL 1021)
- Wide voltage range, power factor  $\geq 0.98$

## Technical Data

### Explosion Protection

- Gas explosion protection :  $\text{Ex} \text{II} 2 \text{G Ex d IIC T6 Gb}$   
 Dust explosion protection :  $\text{Ex} \text{II} 2 \text{D Ex t IIIC T80}^\circ\text{C Db IP66}$

### Certificates

: ATEX / IECEx / FM(USA) / GOST.R (RUSSIA)

### Material of Construction

- Enclosure : Copper free aluminium, powder coated external surface, yellow (RAL1021)  
 Glass tube : Toughened glass, stands 4J impact  
 Power controller : Wide voltage input, CC-CV (constant current-constant voltage) output, power factor  $\geq 0.98$ , with function of distributed current, constant current, surge proof & anti-electromagnetic interference & protection against over current, open circuit & short circuit  
 Wire guard (optional) : Powder coated carbon steel (white) or stainless steel  
 Exposed fastener : Stainless steel

### Lamp

- Lamp specification : CREE plural white LED modules  
 Lamp Power wattage : 9w x 1 ; 9w x 2 ; 18w x 1 ; 18w x 2

### Rated Voltage

: 110 ~ 265V AC      50/60Hz

### Earthing Protection

: M5 (internal & external earth bolts)

### Degree of Protection

: IP66

### Ambient Temperature

:  $-40^\circ\text{C} \sim +55^\circ\text{C}$

### Terminal

: 3 x 1.5 ~ 4sqmm (L+N+PE)

### Cable entries

- Single lamp : 3 x M25  
 Dual lamp : 4 x M25

