

## Features

- Public mode fire use UL1971 & CAN/ULC-S526
- Synchronised for over 2 hours per UL1971
- 38.38 eff. candela – UL1971 Public mode fire
- 180 eff. candela – UL1638 general signaling
- Choice of three flash rates: 1Hz, 1.3Hz, 2Hz
- Marine grade aluminum enclosure
- Ingress protection Type 4/4X/3R/13, IP66
- High impact resistant Borosilicate glass lens
- Duplicate, pluggable cable terminations, supervisory diode
- Surface mounting via user installed lugs
- Pendant mounting via 3/4"NPT conduit entry
- Dual 1/2"NPT and M20 cable entries
- Supplied with haz loc rated stopping plugs/adaptors

## Approvals

- UL/cUL File ref: E245313
- IECEx certificate: IECEx ULD 14.0004X
- ATEX certificate: DEMKO 14 ATEX 4786493904X
- CSFM listing: 7300-2279:0500

## Coding

- NEC / CEC:
    - Class I Div 2 ABCD T4 Ta -40°C to +50°C (T4A +40°C)
    - Class II Div 2 FG T6 Ta -40°C to +50°C
    - Class III Div 1 & 2 Ta -40°C to +50°C
  - NEC:
    - Class I Zone 2 AEx ec IIC Gc T4 Ta -40°C to +50°C
    - Zone 22 AEx tc IIIC T75°C Dc Ta -40°C to +50°C
  - CEC:
    - Class I Zone 2 Ex ec IIC Gc X T4 Ta -40°C to +50°C
    - Zone 22 Ex tc IIIC T75°C Dc X Ta -20°C to +50°C
  - IECEx & ATEX:
    - II 3G Ex ec IIC T4 Gc Ta -40°C to +50°C
    - II 3D Ex tc IIIC T75°C Dc Ta -40°C to +50°C
- See product manual for full voltage specific coding.



Specification

Source:	Array of 4 x High Power Cree® LED's
Modes:	1Hz flash (60 fpm) 1.5Hz flash (90 fpm) 2Hz flash (120 fpm)
Eff. Intensity cd:	38.38 cd UL1971 Public mode fire
Eff. Intensity cd:	180 cd UL1638 General signaling
Peak Intensity cd:	300,000 cd
LED life:	>60,000 hours
Synchronisation:	Flash rates synchronise for a minimum of 2 hours per UL 1971
Voltage:	24V dc (16-33V dc)
In-rush:	1.88A for 2ms
Ingress protection:	IP rating per EN60529:IP66 Type rating per UL50E/NEMA250:4/4X/3R/13
Enclosure material:	Marine grade LM6 aluminum alloy
Enclosure colour:	Red
Lens material:	Borosilicate glass
Cable entries:	2 x M20x1.5, 2 × 1/2"NPT, 1 × 3/4"NPT
Stopping plugs:	Nickel Plated Brass plugs included
Ground/Earth stud:	M5
Terminals:	0.5 – 2.5mm² (20-14 AWG)
Line monitoring:	Blocking diode included EOL can be factory fitted
Operating temp:	-40 to +50°C [-40° to +122°F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	95%
Weight:	1.5kg/3.31lbs

Part Codes

Part Code:	Identifier:	Description:
Product type:	D2xB1LD2	Haz loc LED warning light / beacon
Voltage:	DC024	24V dc (16-33Vdc
Cable entries: [e]	M	2 × 1/2" NPT 2 x M20x1.5 1 × 3/4" NPT
Stopping plug material: [m]	N S	Nickel plated brass Stainless Steel
Guard material & tag: [s]	0 3 5	No lens Guard No lens guard with Equip. Tag No lens guard with Equip. Tag & Duty Label
Product version: [v]	H	UL, cUL, ULC, IECEx, ATEX, CSFM – UL 1971
Product option: [o]	1 T X	Standard product Tropicalisation Custom configuration – contact E2S
Enclosure colour: [x]	R	Red
Lens colour: [y]	C	Clear
Accessories:		
SP65-0001-A4		Pole Mount Bracket Kit 2" St/St A4 (316)
SP65-0003-A4		Sunshade – St/St A4 (316)

Multi-function patterns

Stage 1: [On board]	Stage 2: [Remote]	Stage 3: [Remote]
Steady High Power	Flashing 1Hz †	Triple Strike
Steady Low Power	Flashing 1Hz †	Triple Strike
Flashing 1Hz †	2x Flash 2Hz	Triple Strike
Flashing 1.5Hz †	Flashing 2Hz †	Double Strike
Flashing 2Hz †	Triple Strike	Triple Strike
Double Strike	Steady High Power	Triple Strike
Triple Strike	Flashing 2Hz †	Double Strike

† Setting permitted for use as public mode fire alarm device

Current Consumption

Nominal Voltage:	In rush:	Voltage range:	Flash Rate setting:	Nominal operating< current:
24V dc	1.88A	Regulated 16-33V dc	1Hz (60fpm) 1.3Hz (80 fpm) 2Hz (120fpm)	99.5mA 104mA 103mA

