

## Start Spot Fire 540lm 3CCT IP65 WH 0059830



### Features

- Integrated LED fire rated recessed spotlight, white bezel colour, three temperature light colours selectable: 3000K, 4000K, 6500K. Lumen output 540lm (4000K), 5.5W, dimmable trailing/leading edge, 60° degree beam angle, polycarbonate and steel body with aluminium bezel, low profile 60mm recessed depth, IP65 frontal degree, IK03, loop-in/loop-out terminals for fast wiring, 87mm bezel diameter, 70-75mm cutout, clear lens. . Fire rated 30,60,90 minutes.

### Product Overview

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Product name                    | Start Spot Fire 540lm 3CCT IP65 WH          |
| Technology                      | LED                                         |
| Cap/Base                        | N/A                                         |
| Housing                         | Metal/plastic                               |
| Mount                           | Ceiling recessed mounting                   |
| General application             | Hospitality, Residential & Consumer, Retail |
| ETIM Class                      | EC001744                                    |
| Fixture luminous flux (lm)      | 540                                         |
| Luminaire efficacy (lm/W)       | 98                                          |
| Colour temperature (K)          | 4000                                        |
| Light colour                    | Neutral White                               |
| CRI (Ra)                        | 80                                          |
| Colour Variation Initial (SDCM) | 6                                           |
| Beam Angle (°)                  | 60                                          |
| Photobiological Risk Group      | RG0                                         |
| Total power consumption (W)     | 5.5                                         |
| Electrical protection           | Class II                                    |
| Control gear type               | LED driver constant current                 |
| Dimmable                        | Yes                                         |
| Minimum dimming level (%)       | 10                                          |
| LED Flickering Rate             | Medium (21% - 40%)                          |
| Housing colour                  | RAL 9003 - Signal white                     |
| IP rating                       | IP65/20                                     |

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|                    |                                |
|--------------------|--------------------------------|
| IK rating          | IK03                           |
| Product EAN number | 5410288598307                  |
| Warranty           | 3 years                        |
| Colour Code        | 840                            |
| Dimming method     | Mains: leading / trailing edge |

### Data table

#### GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | Start Spot Fire 540lm 3CCT IP65 WH          |
| Technology                              | LED                                         |
| Cap/Base                                | N/A                                         |
| Housing                                 | Metal/plastic                               |
| Mount                                   | Ceiling recessed mounting                   |
| General application                     | Hospitality, Residential & Consumer, Retail |
| Operating temperature range (°C)        | -10°C...+40°C                               |
| Performance ambient temperature Tq (°C) | 25                                          |
| ETIM Class                              | EC001744                                    |
| Warranty                                | 3 years                                     |

#### OPTICAL DATA

|                                         |               |
|-----------------------------------------|---------------|
| Fixture luminous flux (lm)              | 540           |
| Luminaire efficacy (lm/W)               | 98            |
| Colour temperature (K)                  | 4000          |
| Correlated colour temperature range (K) | 3000 - 6500   |
| Colour Code                             | 840           |
| Light colour                            | Neutral White |
| CRI (Ra)                                | 80            |
| Colour Variation Initial (SDCM)         | 6             |
| Beam Angle (°)                          | 60            |
| Distribution type                       | Symmetric     |
| Photobiological Risk Group              | RG0           |

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### ELECTRICAL DATA

|                                                                       |                                |
|-----------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                           | 5.5                            |
| Mains voltage (V)                                                     | 220-240V                       |
| Lamp power factor                                                     | 0.9                            |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 25                             |
| Electrical protection                                                 | Class II                       |
| Control gear required                                                 | No                             |
| Control gear type                                                     | LED driver constant current    |
| Dimmable                                                              | Yes                            |
| Dimming method                                                        | Mains: leading / trailing edge |
| Minimum dimming level (%)                                             | 10                             |
| Drive current (mA)                                                    | 135                            |
| Drive current - Range (mA)                                            | 14mA / 135mA                   |
| Inrush Current (A)                                                    | 10                             |
| Inrush Duration ( $\mu$ s)                                            | 150                            |
| Glow Wire Test ( $^{\circ}$ C)                                        | 650                            |
| Energy Efficiency Class (A->G) of contained light source              | E                              |
| Nominal Frequency (Hz)                                                | 50/60Hz                        |
| LED Flickering Rate                                                   | Medium (21% - 40%)             |
| Max. Luminaires per 10A C Breaker                                     | 50                             |
| Max. Luminaires per 13A C Breaker                                     | 65                             |
| Max. Luminaires per 16A C Breaker                                     | 80                             |
| Max. Luminaires per 20A C Breaker                                     | 100                            |
| Max. Luminaires per 10A B Breaker                                     | 35                             |
| Max. Luminaires per 13A B Breaker                                     | 45                             |
| Max. Luminaires per 16A B Breaker                                     | 56                             |
| Max. Luminaires per 20A B Breaker                                     | 70                             |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 124000 |
| Lifespan L80 B20 | 59000  |
| Lifespan L90 B10 | 27000  |

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### PHYSICAL DATA

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Housing colour                                    | RAL 9003 - Signal white |
| IP rating                                         | IP65/20                 |
| IK rating                                         | IK03                    |
| Diffuser finish                                   | Other                   |
| Diffuser material                                 | None                    |
| Reflector finish                                  | None                    |
| Nominal Product Height (mm)                       | 60                      |
| Nominal Product Diameter (mm)                     | 87                      |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 70-75                   |
| Weight (kg)                                       | 0.27                    |
| Recessed Depth (mm)                               | 55                      |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288598307  |
| Packaging single length / height (cm) | 10.5           |
| Packaging single width (cm)           | 7.0            |
| Packaging single depth (cm)           | 10.5           |
| DUN14 (outer)                         | 15410288598304 |
| Units per outer package               | 50             |
| Packaging outer length / height (cm)  | 54.5           |
| Packaging outer width (cm)            | 23.0           |
| Packaging outer depth (cm)            | 37.0           |

### SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -10-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |