

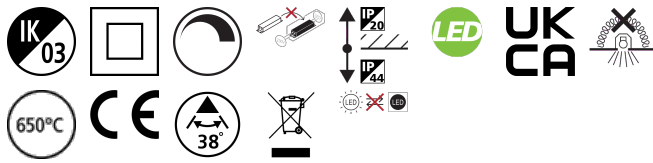
## Start Spot IP44 3-CCT

*Start Spot 550lm 3CCT DIM IP44 WH*  
0005509



### Product features

- Integrated LED recessed spotlight, vertical tilt 30°, phase dimmable, 3 CCT 2700K-3000K-4000K, 38° degree beam angle, polycarbonate white body, IP44 from the front, IK03, loop-in/loop-out terminals for fast wiring, 87mm bezel diameter, 68-74mm cutout, clear lens. Additional silver or black bezel can be ordered as accessory.



## PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | Start Spot 550lm 3CCT DIM IP44 WH           |
| Technology                      | LED   |
| Cap/Base                        | N/A   |
| Housing                         | PC Polycarbonate                            |
| Mount                           | Ceiling recessed mounting                   |
| General application             | Hospitality, Residential & Consumer, Retail |
| ETIM Class                      | EC001744                                    |
| E-number FI                     | 4278483                                     |
| Warranty                        | 3 years                                     |
| Useful luminous flux (Fuse)     | 560   |
| Fixture luminous flux (lm)      | 550   |
| Luminous flux (lm)              | 550   |
| Luminaire efficacy (lm/W)       | 100   |
| Light colour                    | Neutral White                               |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM6                                       |
| Beam Angle (°)                  | 38  |
| Photobiological Risk Group      | RG1   |
| Total power consumption (W)     | 5.5   |
| Electrical protection           | Class II                                    |
| Control gear type               | LED driver constant current                 |
| Dimmable                        | Yes   |
| Dimming method                  | Mains: leading / trailing edge              |
| LED Flickering Rate             | Low (6% - 20%)                              |
| Housing colour                  | RAL 9003 - Signal white                     |
| IP rating                       | IP44/20                                     |
| IK rating                       | IK03  |
| Product EAN number              | 5410288055091                               |

## DATA TABLE

### General data

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|   |   |
|---|---|
| Product name                            | Start Spot 550lm 3CCT DIM IP44 WH           |
| Technology                              | LED   |
| Cap/Base                                | N/A   |
| Housing                                 | PC Polycarbonate                            |
| 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                                    |
| E-number FI                             | 4278483                                     |
| Warranty                                | 3 years                                     |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Useful luminous flux (Fuse)     | 560           |
| Fixture luminous flux (lm)      | 550           |
| Luminous flux (lm)              | 550           |
| Luminaire efficacy (lm/W)       | 100           |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM6         |
| Beam Angle (°)                  | 38            |
| Distribution type               | Symmetric     |
| Photobiological Risk Group      | RG1           |

### Electrical data

|  |                                |
|--|--------------------------------|
| Total power consumption (W)                                    | 5.5                            |
| Primary Supply/Product voltage - min (V)                       | 220                            |
| Primary Supply/Product voltage - max (V)                       | 240                            |
| Lamp power factor  | 0.6                            |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 90                             |
| Electrical protection  | Class II                       |
| Control gear type  | LED driver constant current    |
| Dimmable   | Yes                            |
| Dimming method   | Mains: leading / trailing edge |
| Drive current (mA)   | 17                             |
| Inrush Current (A)   | 5.5                            |
| Inrush Duration (µs)   | 100                            |
| Glow Wire Test (°C)  | 650                            |
| Energy Efficiency Class (A->G) of contained light source       | E                              |
| Nominal Frequency (Hz)   | 50/60Hz                        |
| LED Flickering Rate  | Low (6% - 20%)                 |
| Max. products per 10A C Breaker                                | 132                            |
| Max. products per 13A C Breaker                                | 174                            |
| Max. products per 16A C Breaker                                | 222                            |
| Max. products per 20A C Breaker                                | 270                            |
| Max. products per 10A B Breaker                                | 78                             |

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|  |      |
|--|------|
| Max. products per 16A B Breaker                              | 132  |
| Connectable conductor cross section - Min (mm <sup>2</sup> ) | 0.75 |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 1.5  |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 57000 |
| Lifespan L80 B20 | 34000 |
| Lifespan L80 B10 | 33000 |

### Physical data

|                               |                         |
|-------------------------------|-------------------------|
| Housing colour                | RAL 9003 - Signal white |
| IP rating                     | IP44/20                 |
| IK rating                     | IK03                    |
| Diffuser finish               | Other                   |
| Diffuser material             | None                    |
| Reflector finish              | None                    |
| Nominal Product Height (mm)   | 45.5                    |
| Nominal Product Diameter (mm) | 87                      |
| Weight (kg)                   | 0.07                    |

### Packaging

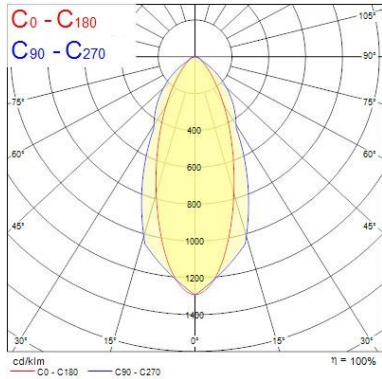
|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288055091  |
| Packaging single length / height (cm) | 9.0            |
| Packaging single width (cm)           | 6.0            |
| Packaging single depth (cm)           | 9.0            |
| DUN14 (inner)                         | 25410288055095 |
| Units per inner package               | 6              |
| Packaging inner length / height (cm)  | 28.5           |
| Packaging inner width (cm)            | 7.5            |
| Packaging inner depth (cm)            | 19.0           |
| DUN14 (outer)                         | 15410288055098 |
| Units per outer package               | 48             |
| Packaging outer length / height (cm)  | 32.0           |
| Packaging outer width (cm)            | 30.0           |
| Packaging outer depth (cm)            | 40.5           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

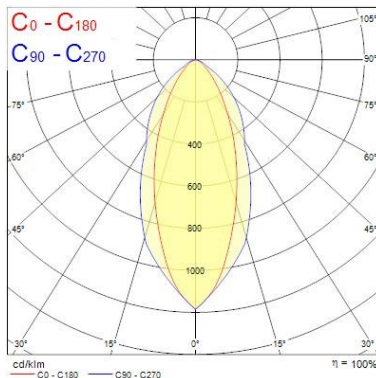
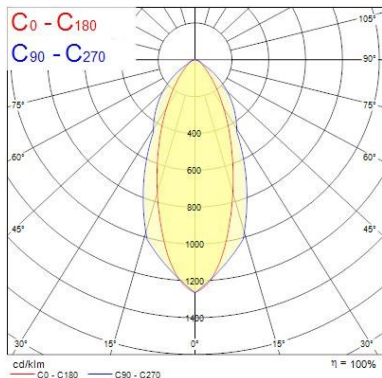
## PHOTOMETRY

## Start Spot IP44 3-CCT Start Spot 550lm 3CCT DIM IP44 WH 0005509



| Distance [m] | Cone diameter [m] | E <sub>0°</sub> [lx] | E <sub>C90</sub> [lx] | E <sub>C0</sub> [lx] |
|--------------|-------------------|----------------------|-----------------------|----------------------|
| 0.5          | 0.47<br>0.34      | 2766                 | 251°                  | 1037                 |
| 1.0          | 0.94<br>0.69      | 689                  | 251°                  | 267                  |
| 1.5          | 1.41<br>1.03      | 306                  | 251°                  | 114                  |
| 2.0          | 1.87<br>1.38      | 172                  | 251°                  | 64                   |
| 2.5          | 2.34<br>1.72      | 110                  | 251°                  | 41                   |
| 3.0          | 2.81<br>2.07      | 77                   | 251°                  | 29                   |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 38.0°)  
 — C90 - C270 (Half beam angle: 50.2°)



| Distance [m] | Cone diameter [m] | E <sub>0°</sub> [lx] | E <sub>C90</sub> [lx] | E <sub>C0</sub> [lx] |
|--------------|-------------------|----------------------|-----------------------|----------------------|
| 0.5          | 0.47<br>0.34      | 2580                 | 250°                  | 964                  |
| 1.0          | 0.93<br>0.69      | 645                  | 250°                  | 241                  |
| 1.5          | 1.40<br>1.03      | 297                  | 250°                  | 107                  |
| 2.0          | 1.87<br>1.38      | 161                  | 250°                  | 60                   |
| 2.5          | 2.33<br>1.72      | 103                  | 250°                  | 39                   |
| 3.0          | 2.80<br>2.07      | 72                   | 250°                  | 27                   |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 38.0°)  
 — C90 - C270 (Half beam angle: 50.0°)

| Distance [m] | Cone diameter [m] | E <sub>0°</sub> [lx] | E <sub>C90</sub> [lx] | E <sub>C0</sub> [lx] |
|--------------|-------------------|----------------------|-----------------------|----------------------|
| 0.5          | 0.48<br>0.35      | 2574                 | 258°                  | 945                  |
| 1.0          | 0.96<br>0.70      | 644                  | 258°                  | 236                  |
| 1.5          | 1.44<br>1.05      | 298                  | 258°                  | 108                  |
| 2.0          | 1.92<br>1.40      | 161                  | 258°                  | 60                   |
| 2.5          | 2.40<br>1.75      | 103                  | 258°                  | 38                   |
| 3.0          | 2.87<br>2.10      | 72                   | 258°                  | 26                   |

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 38.0°)  
 — C90 - C270 (Half beam angle: 51.2°)

## TECHNICAL DRAWINGS

