

## START eco Downlight 5in1 50-125

START eco Downlight 5in1 50-125 1150LM  
0053413



### Product features

- START eco Downlight 5in1 is an integrated LED recessed / surface mounted downlight with built in non dimmable driver. Colour temperature (3000K, 4000K and 6500K) can be adjusted by a 3-way switch located on the back of the fixture. Adaptability to various cut-outs from 50mm to 125mm. 11W, 1150lm, 105lm/W.



### PRODUCT OVERVIEW

|                                 |  |
|---------------------------------|--|
| Product name                    | START eco Downlight 5in1 50-125 1150LM |
| Technology                      | LED                                    |
| Housing                         | PC Polycarbonate                       |
| Mount                           | Ceiling recessed mounting              |
| General application             | Residential & Consumer                 |
| ETIM Class                      | EC001744                               |
| E-number FI                     | 4278100                                |
| Warranty                        | 3 years                                |
| Fixture luminous flux (lm)      | 1150                                   |
| Luminaire efficacy (lm/W)       | 105                                    |
| Colour temperature (K)          | 4000                                   |
| CRI (Ra)                        | 80                                     |
| Colour Variation Initial (SDCM) | SDCM6                                  |
| Beam Angle (°)                  | 110                                    |
| Glare control                   | < 23                                   |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 11                                     |
| Electrical protection           | Class II                               |
| Control gear type               | LED driver constant current            |
| Dimmable                        | No                                     |
| LED Flickering Rate             | Ultra low (5% or less)                 |
| Housing colour                  | RAL 9003 - Signal white                |
| IP rating                       | IP20                                   |
| IK rating                       | IK03                                   |
| Product EAN number              | 5410288534138                          |

### DATA TABLE

#### General data

|              |  |
|--------------|--|
| Product name | START eco Downlight 5in1 50-125 1150LM |
| Technology   | LED                                    |
| Housing      | PC Polycarbonate                       |
| Mount        | Ceiling recessed mounting              |

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|---|------------------------|
| General application                     | Residential & Consumer |
| Operating temperature range (°C)        | -20°C - 40°C           |
| Performance ambient temperature Tq (°C) | 40                     |
| ETIM Class                              | EC001744               |
| E-number FI                             | 4278100                |
| Warranty                                | 3 years                |

### Optical data

|                                 |           |
|---------------------------------|-----------|
| Fixture luminous flux (lm)      | 1150      |
| Luminaire efficacy (lm/W)       | 105       |
| Colour temperature (K)          | 4000      |
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | SDCM6     |
| Beam Angle (°)                  | 110       |
| Distribution type               | Symmetric |
| Glare control                   | < 23      |
| Photobiological Risk Group      | RG0       |

### Electrical data

|  |                             |
|--|-----------------------------|
| Total power consumption (W)                                    | 11                          |
| Mains voltage (V)  | 220-240V~                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 22                          |
| Electrical protection  | Class II                    |
| Control gear type  | LED driver constant current |
| Dimmable   | No                          |
| Drive current (mA)   | 130                         |
| Inrush Current (A)   | 25                          |
| Inrush Duration (µs)   | 100                         |
| Glow Wire Test (°C)  | 650                         |
| Energy Efficiency Class (A->G) of contained light source       | D                           |
| Nominal Frequency (Hz)   | 50/60Hz                     |
| LED Flickering Rate  | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                              | 83                          |
| Max. Luminaires per 13A C Breaker                              | 108                         |
| Max. Luminaires per 16A C Breaker                              | 133                         |
| Max. Luminaires per 20A C Breaker                              | 167                         |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 30000 |
|------------------|-------|

### Physical data

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP20                    |
| IK rating                   | IK03                    |
| Nominal Product Length (mm) | 164                     |
| Nominal Product Width (mm)  | 164                     |
| Nominal Product Height (mm) | 15                      |

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|   |        |
|---|--------|
| Nominal Product Diameter (mm)                     | 164    |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 50-125 |
| Weight (kg)                                       | 0.315  |
| Recessed Depth (mm)                               | 50     |

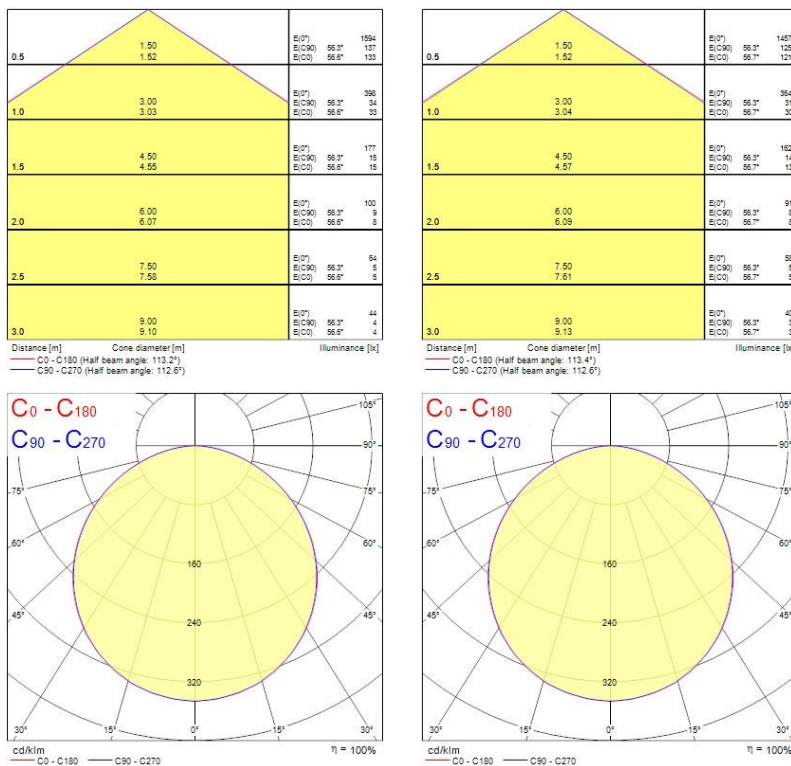
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288534138  |
| Packaging single length / height (cm) | 20.3           |
| Packaging single width (cm)           | 19.2           |
| Packaging single depth (cm)           | 4.8            |
| DUN14 (outer)                         | 15410288534135 |
| Units per outer package               | 20             |
| Packaging outer length / height (cm)  | 43.0           |
| Packaging outer width (cm)            | 26.7           |
| Packaging outer depth (cm)            | 40.8           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-40 |
|----------------------------------|--------|

## PHOTOMETRY



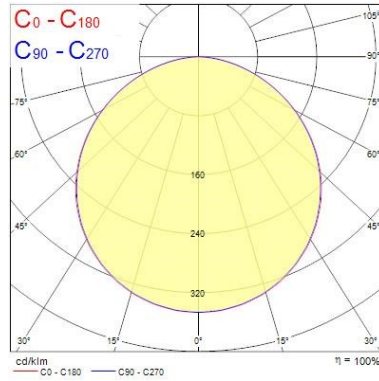
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|     |              |                          |                    |
|-----|--------------|--------------------------|--------------------|
| 0.5 | 1.50<br>1.52 | E(0°)<br>E(C90)<br>E(C0) | 1594<br>137<br>133 |
| 1.0 | 3.00<br>3.03 | E(0°)<br>E(C90)<br>E(C0) | 398<br>34<br>33    |
| 1.5 | 4.50<br>4.55 | E(0°)<br>E(C90)<br>E(C0) | 177<br>15<br>15    |
| 2.0 | 6.00<br>6.07 | E(0°)<br>E(C90)<br>E(C0) | 100<br>9<br>8      |
| 2.5 | 7.50<br>7.58 | E(0°)<br>E(C90)<br>E(C0) | 64<br>5<br>5       |
| 3.0 | 9.00<br>9.10 | E(0°)<br>E(C90)<br>E(C0) | 44<br>4<br>4       |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 113.2°)  
— C90 - C270 (Half beam angle: 112.6°)



## TECHNICAL DRAWINGS

