



Features

- START Downlight 5in1 is an integrated LED recessed / surface mounted downlight with built in 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.

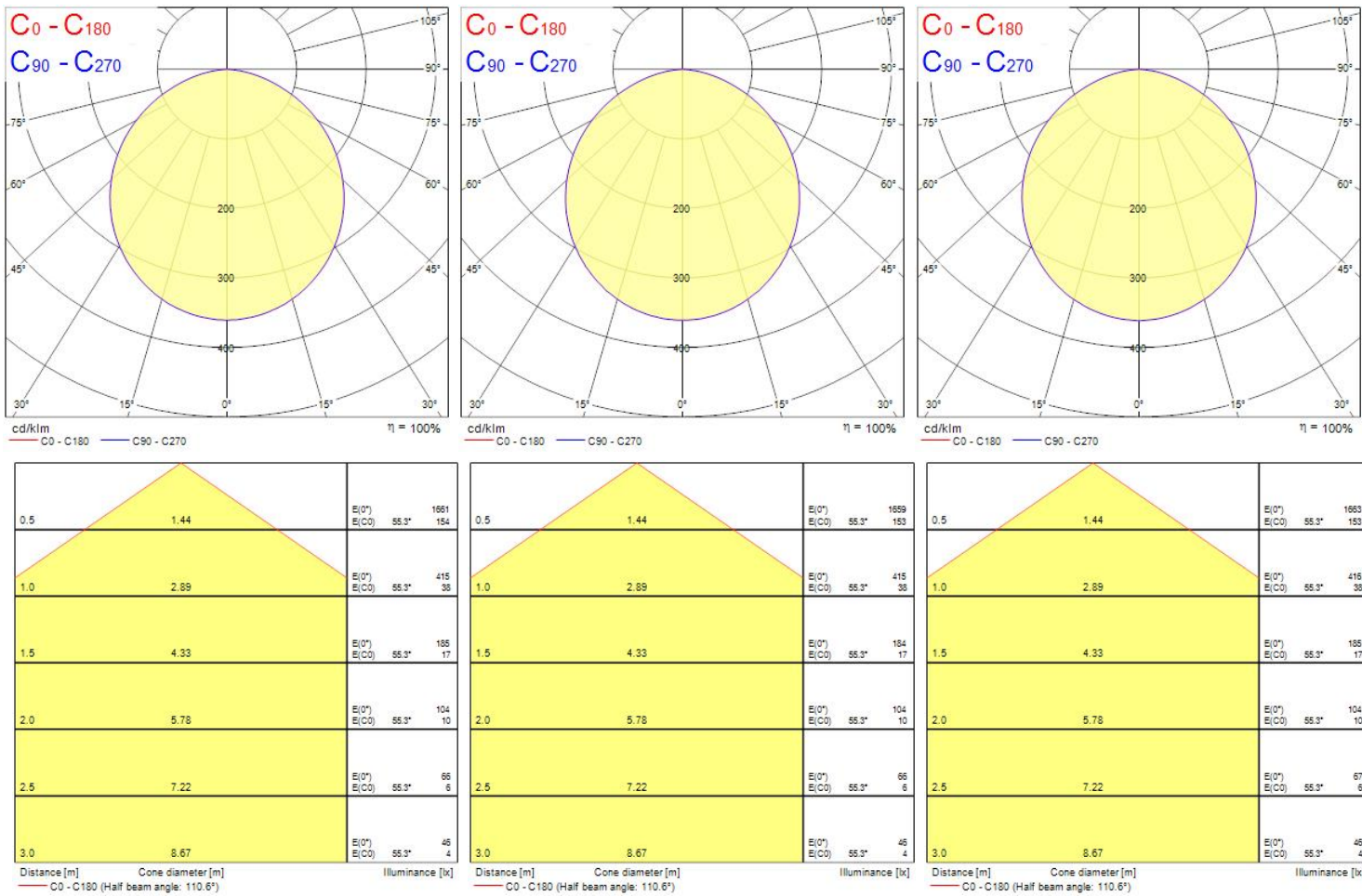
Product Overview

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | START Downlight 5IN1 50-125 1150LM DIM |
| Technology                      | LED                                    |
| Cap/Base                        | N/A                                    |
| Housing                         | PC Polycarbonate                       |
| Mount                           | Ceiling recessed mounting              |
| General application             | Residential & Consumer                 |
| ETIM Class                      | EC001744                               |
| E-number FI                     | 4279671                                |
| Fixture luminous flux (lm)      | 1150                                   |
| Luminaire efficacy (lm/W)       | 95                                     |
| Light colour                    | N/A                                    |
| CRI (Ra)                        | 80                                     |
| Colour Variation Initial (SDCM) | 6                                      |
| Beam Angle (°)                  | 110                                    |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 12                                     |
| Electrical protection           | Class II                               |
| Control gear type               | LED driver constant current            |
| Dimmable                        | Yes                                    |
| Minimum dimming level (%)       | 10                                     |

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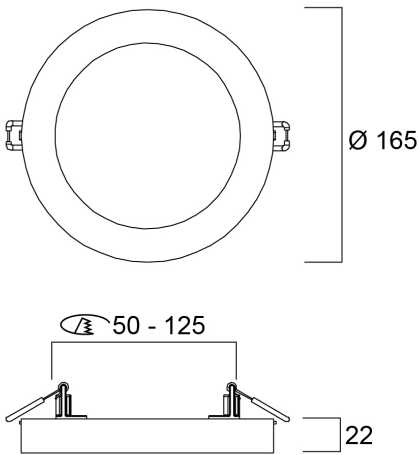
|                     |                                |
|---------------------|--------------------------------|
| LED Flickering Rate | Low (6% - 20%)                 |
| Housing colour      | RAL9003                        |
| IP rating           | IP20                           |
| IK rating           | IK03                           |
| Product EAN number  | 5410288530710                  |
| Warranty            | 3 years                        |
| Dimming method      | Mains: leading / trailing edge |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | START Downlight 5IN1 50-125 1150LM DIM |
| Technology                       | LED                                    |
| Cap/Base                         | N/A                                    |
| Housing                          | PC Polycarbonate                       |
| Mount                            | Ceiling recessed mounting              |
| General application              | Residential & Consumer                 |
| Operating temperature range (°C) | -20°C...+40°C                          |
| ETIM Class                       | EC001744                               |
| E-number FI                      | 4279671                                |
| Warranty                         | 3 years                                |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1150 |
| Luminaire efficacy (lm/W)  | 95   |
| Light colour               | N/A  |
| CRI (Ra)                   | 80   |

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|                                 |           |
|---------------------------------|-----------|
| Colour Variation Initial (SDCM) | 6         |
| Beam Angle (°)                  | 110       |
| Distribution type               | Symmetric |
| Photobiological Risk Group      | RG0       |

### ELECTRICAL DATA

|                                                                       |                                |
|-----------------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                           | 12                             |
| Current (A)                                                           | 0.065                          |
| Primary Supply/Product voltage - min (V)                              | 220.0                          |
| Primary Supply/Product voltage - max (V)                              | 240.0                          |
| Lamp power factor                                                     | 0.8                            |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 40.0                           |
| 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)                                                    | 128                            |
| Inrush Current (A)                                                    | 5                              |
| Inrush Duration ( $\mu$ s)                                            | 100                            |
| 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                                       | 83                             |
| Max. products per 13A C Breaker                                       | 108                            |
| Max. products per 16A C Breaker                                       | 154                            |
| Max. products per 20A C Breaker                                       | 167                            |
| Max. products per 10A B Breaker                                       | 58                             |
| Max. products per 13A B Breaker                                       | 76                             |
| Max. products per 16A B Breaker                                       | 154                            |
| Max. products per 20A B Breaker                                       | 117                            |

## START Downlight 5IN1 50-125 1150LM DIM 0053071

|                                                                 |      |
|-----------------------------------------------------------------|------|
| Connectable conductor cross section -<br>Min (mm <sup>2</sup> ) | 0.75 |
|-----------------------------------------------------------------|------|

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 1.5 |
|-----------------------------------------------------------------|-----|

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 55000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L80 B50 | 36000 |
|------------------|-------|

|                  |       |
|------------------|-------|
| Lifespan L80 B10 | 30000 |
|------------------|-------|

### PHYSICAL DATA

|                |         |
|----------------|---------|
| Housing colour | RAL9003 |
|----------------|---------|

|           |      |
|-----------|------|
| IP rating | IP20 |
|-----------|------|

|           |      |
|-----------|------|
| IK rating | IK03 |
|-----------|------|

|                 |      |
|-----------------|------|
| Diffuser finish | Opal |
|-----------------|------|

|                   |                |
|-------------------|----------------|
| Diffuser material | PS Polystyrene |
|-------------------|----------------|

|                  |                |
|------------------|----------------|
| Reflector finish | Not Applicable |
|------------------|----------------|

|                             |    |
|-----------------------------|----|
| Nominal Product Height (mm) | 22 |
|-----------------------------|----|

|                               |     |
|-------------------------------|-----|
| Nominal Product Diameter (mm) | 165 |
|-------------------------------|-----|

|             |       |
|-------------|-------|
| Weight (kg) | 0.269 |
|-------------|-------|

### PACKAGING

|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288530710 |
|--------------------|---------------|

|                                       |      |
|---------------------------------------|------|
| Packaging single length / height (cm) | 20.3 |
|---------------------------------------|------|

|                             |      |
|-----------------------------|------|
| Packaging single width (cm) | 19.2 |
|-----------------------------|------|

|                             |     |
|-----------------------------|-----|
| Packaging single depth (cm) | 4.8 |
|-----------------------------|-----|

|               |                |
|---------------|----------------|
| DUN14 (inner) | 15410288530717 |
|---------------|----------------|

|                         |    |
|-------------------------|----|
| Units per outer package | 14 |
|-------------------------|----|

|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 19.5 |
|--------------------------------------|------|

|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 44.7 |
|----------------------------|------|

|                            |      |
|----------------------------|------|
| Packaging outer depth (cm) | 37.5 |
|----------------------------|------|

### SAFETY DATA



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|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 650    |
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |