# SYLVANIA

# Start Downlight 5in1 65-185
*START Downlight 5in1 65-185 1750LM*
0053149

### Product features

- NEW -START 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 65mm to 185mm

## PRODUCT OVERVIEW

| | |
|---|---|
| Product name | START Downlight 5in1 65-185 1750LM |
| Technology | LED |
| Cap/Base | N/A |
| Housing | PC Polycarbonate |
| Mount | Ceiling recessed mounting, Ceiling surface mounting |
| General application | Residential & Consumer |
| ETIM Class | EC001744 |
| E-number FI | 4278427 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 1750 |
| Luminaire efficacy (lm/W) | 97 |
| Colour temperature (K) | 4000 |
| Light colour | N/A |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 110 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 18 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| Dimmable | No |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP20 |
| IK rating | IK05 |
| Product EAN number | 5410288531496 |
| Dimming method | N/A |

## DATA TABLE

### General data

| | |
|---|---|
| Product name | START Downlight 5in1 65-185 1750LM |
| Technology | LED |

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| | |
|---|---|
| Cap/Base | N/A |
| Housing | PC Polycarbonate |
| Mount | Ceiling recessed mounting, Ceiling surface mounting |
| General application | Residential & Consumer |
| Operating temperature range (°C) | -20°C - 40°C |
| ETIM Class | EC001744 |
| E-number FI | 4278427 |
| Warranty | 3 years |

## Optical data

| | |
|---|---|
| Fixture luminous flux (lm) | 1750 |
| Luminaire efficacy (lm/W) | 97 |
| Colour temperature (K) | 4000 |
| Correlated colour temperature range (K) | 3000 - 6500 |
| Light colour | N/A |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 110 |
| Distribution type | Symmetric |
| Photobiological Risk Group | RG0 |

## Electrical data

| | |
|---|---|
| Total power consumption (W) | 18 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.7 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level)   xx.x % | 85.0 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Drive current (mA) | 55 |
| Inrush Current (A) | 2 |
| 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. Luminaires per 16A C Breaker | 62 |
| Max. Luminaires per 16A B Breaker | 34 |

## Lifetime data

| | |
|---|---|
| Lifespan L70 B50 | 55000 |
| Lifespan L80 B10 | 30000 |

## Physical data

| | |
|---|---|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP20 |
| IK rating | IK05 |
| Diffuser finish | Opal |

| Diffuser material | PC Polycarbonate |
|---|---|
| Reflector finish | White |
| Nominal Product Height (mm) | 22 |
| Nominal Product Diameter (mm) | 217 |
| Weight (kg) | 0.413 |

### Packaging

| Single packaging type | Carton |
|---|---|
| Product EAN number | 5410288531496 |
| Packaging single length / height (cm) | 23.7 |
| Packaging single width (cm) | 4.3 |
| Packaging single depth (cm) | 22.7 |
| DUN14 (outer) | 15410288531493 |
| Units per outer package | 14 |
| Packaging outer length / height (cm) | 48.9 |
| Packaging outer width (cm) | 32.1 |
| Packaging outer depth (cm) | 25.2 |

### Safety data

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

## PHOTOMETRY
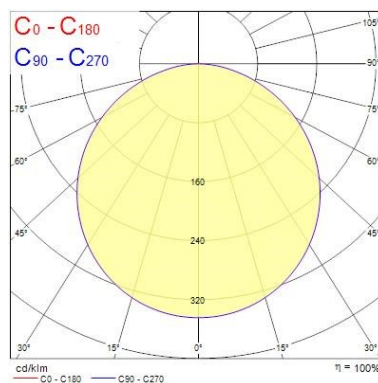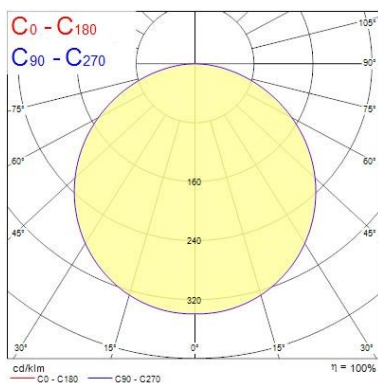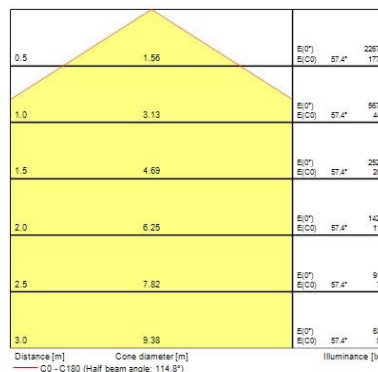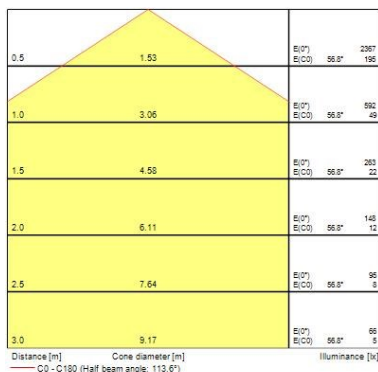
| Distance [m] | Cone diameter [m] | | | Illuminance [lx] |
|---|---|---|---|---|
| 0.5 | 1.56 | E(0°) | 2270 | |
| | | E(C0) 57.3° | 179 | |
| 1.0 | 3.12 | E(0°) | 567 | |
| | | E(C0) 57.3° | 45 | |
| 1.5 | 4.67 | E(0°) | 252 | |
| | | E(C0) 57.3° | 20 | |
| 2.0 | 6.23 | E(0°) | 142 | |
| | | E(C0) 57.3° | 11 | |
| 2.5 | 7.79 | E(0°) | 91 | |
| | | E(C0) 57.3° | 7 | |
| 3.0 | 9.35 | E(0°) | 63 | |
| | | E(C0) 57.3° | 5 | |

—— C0 - C180 (Half beam angle: 114.6°)

C0 - C180
C90 - C270

cd/klm

η = 100%

—— C0 - C180  —— C90 - C270

## TECHNICAL DRAWINGS

Ø 217

65 - 185

22