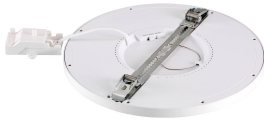


START eco Downlight 5in1 55-250

Start eco Downlight 5in1 55-250 2500LM
0053416



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 55mm to 250mm. 23W, 2500lm, 109lm/W, 30000hrs (L70).



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| IPC Code | 0053416 |
| Product name | Start eco Downlight 5in1 55-250 2500LM |
| Technology | LED |
| Housing | PC Polycarbonate |
| Mount | Ceiling recessed mounting |
| General application | Residential & Consumer |
| Certifications | EUNEW009 |
| ETIM Class | EC002892 |
| E-number FI | 4278103 |
| Fixture luminous flux (lm) | 2500 |
| Luminaire efficacy (lm/W) | 109 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Beam Angle (°) | 110 |
| Glare control | < 26 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 23 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| Dimmable | No |
| LED Flickering Rate | Ultra low (5% or less) |
| Average life (Nominal) (h) | 30000 |
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP20 |
| IK rating | IK03 |
| Product EAN number | 5410288534169 |
| Lamps | Yes |

DATA TABLE

General data

| | |
|--------------|--|
| IPC Code | 0053416 |
| Product name | Start eco Downlight 5in1 55-250 2500LM |

START eco Downlight 5in1 55-250

Start eco Downlight 5in1 55-250 2500LM
0053416

| | |
|---|---------------------------|
| Technology | LED |
| Housing | PC Polycarbonate |
| Mount | Ceiling recessed mounting |
| General application | Residential & Consumer |
| Operating temperature range (°C) | -20°C - 40°C |
| Performance ambient temperature Tq (°C) | 40 |
| Certifications | EUNEW009 |
| ETIM Class | EC002892 |
| E-number FI | 4278103 |

Optical data

| | |
|---------------------------------|-----------|
| Fixture luminous flux (lm) | 2500 |
| Luminaire efficacy (lm/W) | 109 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Beam Angle (°) | 110 |
| Distribution type | Symmetric |
| Glare control | < 26 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 23 |
| 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) | 260 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 100 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 63 |
| Max. Luminaires per 13A C Breaker | 81 |
| Max. Luminaires per 16A C Breaker | 100 |
| Max. Luminaires per 20A C Breaker | 125 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 30000 |
| Average life (Nominal) (h) | 30000 |

Physical data

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP20 |
| IK rating | IK03 |
| Nominal Product Length (mm) | 290 |
| Nominal Product Width (mm) | 290 |

START eco Downlight 5in1 55-250

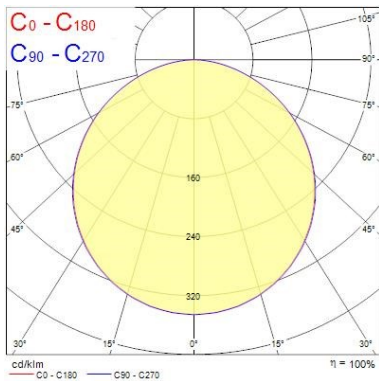
Start eco Downlight 5in1 55-250 2500LM
0053416

| | |
|-------------------------------|------|
| Nominal Product Height (mm) | 35 |
| Nominal Product Diameter (mm) | 290 |
| Weight (kg) | 0.72 |
| Recessed Depth (mm) | 50 |

Packaging

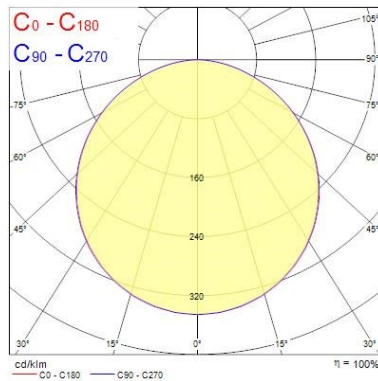
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288534169 |
| Packaging single length / height (cm) | 31.2 |
| Packaging single width (cm) | 30.0 |
| Packaging single depth (cm) | 4.8 |
| DUN14 (outer) | 15410288534166 |
| Units per outer package | 8 |
| Packaging outer length / height (cm) | 41.4 |
| Packaging outer width (cm) | 33.5 |
| Packaging outer depth (cm) | 32.3 |

PHOTOMETRY



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C180) |
|--------------|-------------------|-------|--------|---------|
| 0.5 | 1.51 | 3251 | 274 | 278 |
| | 1.50 | | | |
| 1.0 | 3.02 | 813 | 69 | 68 |
| | 3.00 | | | |
| 1.5 | 4.53 | 361 | 30 | 31 |
| | 4.50 | | | |
| 2.0 | 6.04 | 203 | 17 | 17 |
| | 6.00 | | | |
| 2.5 | 7.55 | 130 | 11 | 11 |
| | 7.50 | | | |
| 3.0 | 9.07 | 90 | 8 | 8 |
| | 9.00 | | | |

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 112.6°)
C90 - C270 (Half beam angle: 113.0°)



| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C180) |
|--------------|-------------------|-------|--------|---------|
| 0.5 | 1.51 | 3113 | 262 | 266 |
| | 1.50 | | | |
| 1.0 | 3.02 | 778 | 66 | 67 |
| | 3.00 | | | |
| 1.5 | 4.53 | 346 | 29 | 30 |
| | 4.50 | | | |
| 2.0 | 6.04 | 196 | 16 | 17 |
| | 6.00 | | | |
| 2.5 | 7.55 | 128 | 10 | 11 |
| | 7.50 | | | |
| 3.0 | 9.07 | 88 | 7 | 7 |
| | 9.00 | | | |

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 112.6°)
C90 - C270 (Half beam angle: 113.0°)

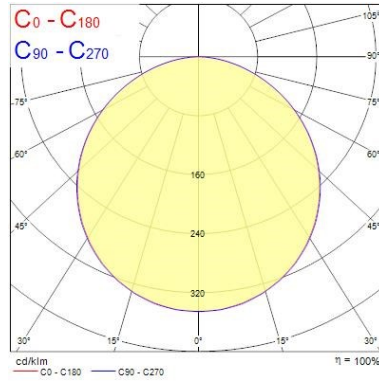
START eco Downlight 5in1 55-250

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0053416

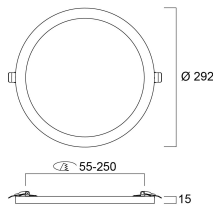
| | | | |
|-----|--------------|--------------------------|--------------------|
| 0.5 | 1.51 1.50 | E(0°) E(C90) E(C0) | 3487 281 296 |
| 1.0 | 3.02 3.00 | E(0°) E(C90) E(C0) | 864 73 74 |
| 1.5 | 4.53 4.50 | E(0°) E(C90) E(C0) | 354 32 33 |
| 2.0 | 6.04 6.00 | E(0°) E(C90) E(C0) | 216 19 18 |
| 2.5 | 7.55 7.50 | E(0°) E(C90) E(C0) | 138 12 12 |
| 3.0 | 9.07 9.00 | E(0°) E(C90) E(C0) | 96 8 8 |

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

— C0 - C180 (Half beam angle: 112.6°)
— C90 - C270 (Half beam angle: 113.0°)




TECHNICAL DRAWINGS




START eco Downlight 5in1 55-250


Start eco Downlight 5in1 55-250 2500LM
0053416


SYLVANIA 0053416


 This luminaire contains built-in LED lamps

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built-in LED lamps

 } LED

The lamps cannot be changed in the luminaire.

SYLVANIA 0053416 

874/2012