# START Surface IP66

*START SURFACE IK10 BLACK IP66 1000LM 840*

**0049285**



**Product features**

- LED exterior surface mounted luminaire, 1000LM, 11W power consumption, 91lm/W efficacy, 4000K color temperature, CRI80, non-dimmable, IP66, IK10, 50,000 hours (L70), black housing, vandal resistant

## PRODUCT OVERVIEW

| | |
|---|---|
| **IPC Code** | 0049285 |
| **Product name** | START SURFACE IK10 BLACK IP66 1000LM 840 |
| **Technology** | LED |
| **Housing** | PC |
| **General application** | Residential & Consumer,Logistics & Industry, |
| **Certifications** | EUNEW009 |
| **ETIM Class** | EC002892 |
| **E-number FI** | 4274495 |
| **E-number SE** | 7505129 |
| **Fixture luminous flux (lm)** | 1001 |
| **Luminaire efficacy (lm/W)** | 91 |
| **Colour temperature (K)** | 4000 |
| **CRI (Ra)** | 80 |
| **Beam Angle (°)** | 110 |
| **Photobiological Risk Group** | Group 0 |
| **Total power consumption (W)** | 11 |
| **Electrical protection** | Class II |
| **LED Flickering Rate** | Low (6% - 20%) |
| **Housing colour** | Black - 9011 |
| **IP rating** | IP66 |
| **IK rating** | IK10 |
| **Product EAN number** | 5410288492858 |
| **Lamps** | Yes |

## DATA TABLE

### General data

| | |
|---|---|
| **IPC Code** | 0049285 |
| **Product name** | START SURFACE IK10 BLACK IP66 1000LM 840 |
| **Technology** | LED |
| **Housing** | PC |
| **General application** | Residential & Consumer,Logistics & Industry, |
| **Operating temperature range (°C)** | (-)20 To 45 |
| **Certifications** | EUNEW009 |
| **ETIM Class** | EC002892 |



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| **E-number FI** | 4274495 |
| **E-number SE** | 7505129 |

## Optical data

| | |
|---|---|
| **Fixture luminous flux (lm)** | 1001 |
| **Luminaire efficacy (lm/W)** | 91 |
| **Colour temperature (K)** | 4000 |
| **CRI (Ra)** | 80 |
| **Beam Angle (°)** | 110 |
| **Photobiological Risk Group** | Group 0 |

## Electrical data

| | |
|---|---|
| **Total power consumption (W)** | 11 |
| **Mains voltage (V)** | 220-240V~ |
| **Electrical protection** | Class II |
| **Drive current (mA)** | 350 |
| **Inrush Current (A)** | 15.7 |
| **Inrush Duration (µs)** | 68 |
| **Glow Wire Test (°C)** | 850 |
| **Nominal Frequency (Hz)** | 50/60Hz |
| **LED Flickering Rate** | Low (6% - 20%) |
| **Max. Luminaires per 10A C Breaker** | 42 |
| **Max. Luminaires per 13A C Breaker** | 51 |
| **Max. Luminaires per 16A C Breaker** | 60 |
| **Max. Luminaires per 20A C Breaker** | 70 |
| **Max. Luminaires per 10A B Breaker** | 40 |
| **Max. Luminaires per 13A B Breaker** | 48 |
| **Max. Luminaires per 16A B Breaker** | 57 |
| **Max. Luminaires per 20A B Breaker** | 68 |

## Lifetime data

| | |
|---|---|
| **Lumen maintenance - L70 B50** | 50000 |
| **Lumen maintenance - L70 B20** | 40000 |
| **Lumen maintenance - L70 B10** | 30000 |
| **Lumen maintenance - L80 B50** | 30000 |
| **Lumen maintenance - L80 B20** | 20000 |
| **Lumen maintenance - L80 B10** | 18000 |
| **Lumen maintenance - L90 B50** | 15000 |
| **Lumen maintenance - L90 B20** | 12000 |
| **Lumen maintenance - L90 B10** | 8000 |

## Physical data

| | |
|---|---|
| **Housing colour** | Black - 9011 |
| **IP rating** | IP66 |
| **IK rating** | IK10 |
| **Nominal Product Length (mm)** | 300 |
| **Nominal Product Width (mm)** | 300 |
| **Nominal Product Height (mm)** | 90 |
| **Nominal Product Diameter (mm)** | 300 |



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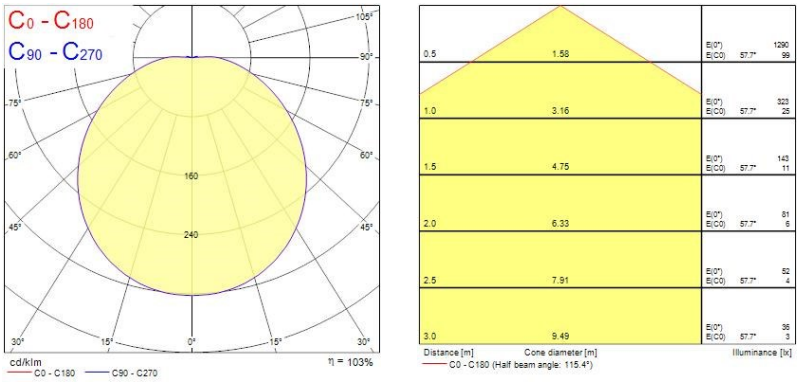
**0049285**

| | |
|---|---|
| **Weight (kg)** | 0.78 |

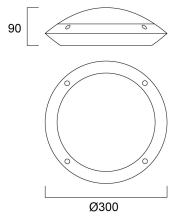
### Packaging

| | |
|---|---|
| **Single packaging type** | Carton |
| **Product EAN number** | 5410288492858 |
| **Packaging single length / height (cm)** | 30.2 |
| **Packaging single width (cm)** | 9.9 |
| **Packaging single depth (cm)** | 30.5 |
| **DUN14 (outer)** | 15410288492855 |
| **Units per outer package** | 6 |
| **Packaging outer length / height (cm)** | 61.5 |
| **Packaging outer width (cm)** | 31.0 |
| **Packaging outer depth (cm)** | 32.0 |

## PHOTOMETRY




## TECHNICAL DRAWINGS



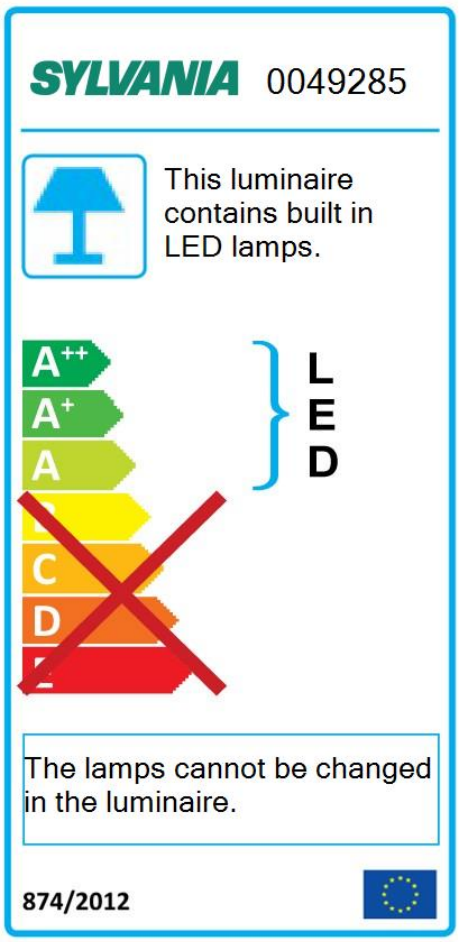


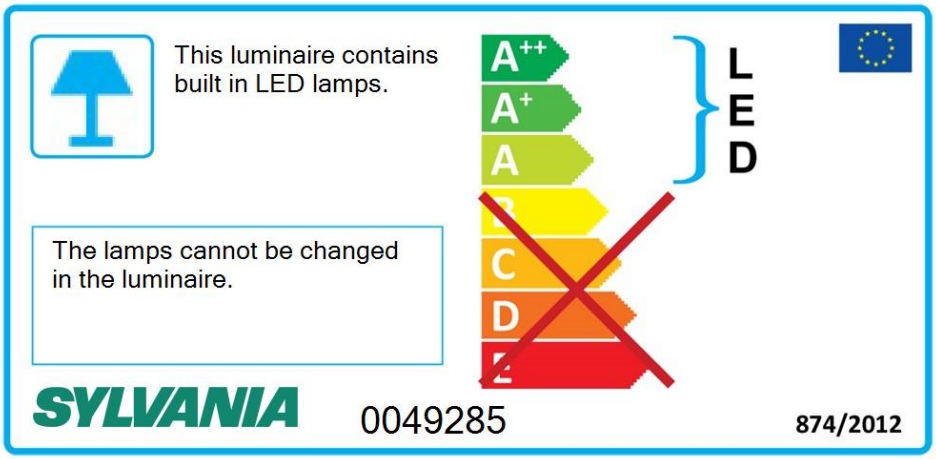

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