

Start Highbay

START Highbay IP65 1-10V 13000lm 840 MB

0039344



Product features

- START Highbay, includes 1 m cables, black aluminium housing, 13,000 Lm, 100 W, 130 Lm/W, 4000 K, drive current: 2140 mA, CRI 80, 60° beam angle, 1-10 V dimmable, IP65, IK08, 50,000 hrs (L80/B50), (D x H) 270 x 170 mm.



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| IPC Code | 0039344 |
| Product name | START Highbay IP65 1-10V 13000lm 840 MB |
| Technology | LED |
| Housing | Aluminium alloy |
| Mount | Suspended |
| Fixture rating | Enclosed |
| General application | Logistics & Industry |
| Certifications | EUNEW009 |
| ETIM Class | EC001716 |
| E-number FI | 4306960 |
| Fixture luminous flux (lm) | 13000 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Beam Angle (°) | 60 |
| Glare control | 24.6 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 100 |
| Electrical protection | Class I |
| Control gear type | Dimmable 1-10V analogue |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| LED Flickering Rate | Ultra low (5% or less) |
| Average life (Nominal) (h) | 50000 |
| Housing colour | Black |
| IP rating | IP65 |
| IK rating | IK08 |
| Product EAN number | 5410288393445 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

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DATA TABLE

General data

| | |
|----------------------------------|---|
| IPC Code | 0039344 |
| Product name | START Highbay IP65 1-10V 13000lm 840 MB |
| Technology | LED |
| Housing | Aluminium alloy |
| Mount | Suspended |
| Fixture rating | Enclosed |
| General application | Logistics & Industry |
| Operating Temperature Range (°C) | -30 to +50 |
| Certifications | EUNEW009 |
| ETIM Class | EC001716 |
| E-number FI | 4306960 |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 13000 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Beam Angle (°) | 60 |
| Distribution type | Direct |
| Glare control | 24.6 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|-------------------------|
| Total power consumption (W) | 100 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10 |
| Electrical protection | Class I |
| Control gear type | Dimmable 1-10V analogue |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 2140 |
| Inrush Current (A) | 50 |
| Inrush Duration (µs) | 400 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 7 |
| Max. Luminaires per 13A C Breaker | 9 |
| Max. Luminaires per 16A C Breaker | 11 |
| Max. Luminaires per 20A C Breaker | 14 |
| Max. Luminaires per 10A B Breaker | 4 |
| Max. Luminaires per 13A B Breaker | 5 |

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| | |
|-----------------------------------|---|
| Max. Luminaires per 16A B Breaker | 6 |
| Max. Luminaires per 20A B Breaker | 8 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 54000 |
| Lumen maintenance - L70 B20 | 54000 |
| Lumen maintenance - L70 B10 | 54000 |
| Lumen maintenance - L80 B50 | 50000 |
| Lumen maintenance - L80 B20 | 50000 |
| Lumen maintenance - L80 B10 | 50000 |
| Lumen maintenance - L90 B50 | 22000 |
| Lumen maintenance - L90 B20 | 22000 |
| Lumen maintenance - L90 B10 | 22000 |
| Average life (Nominal) (h) | 50000 |

Physical data

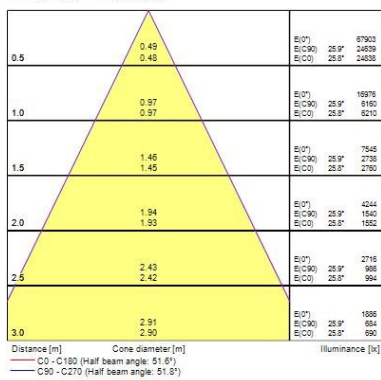
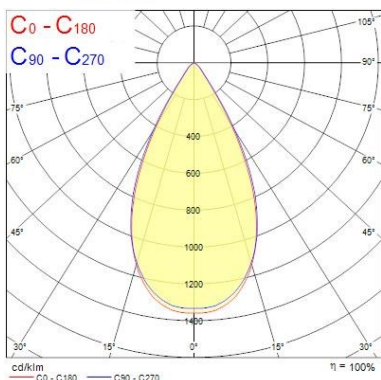
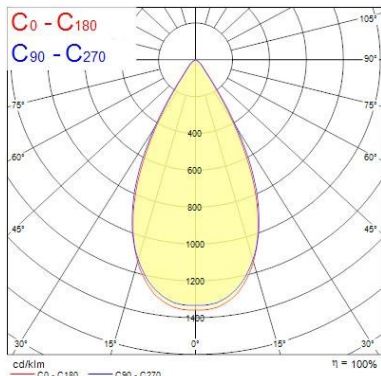
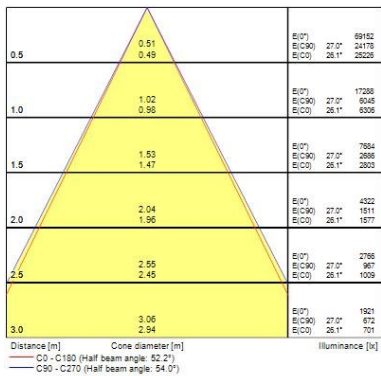
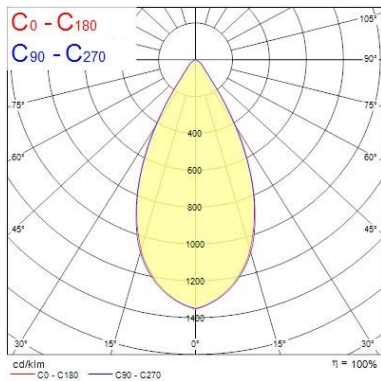
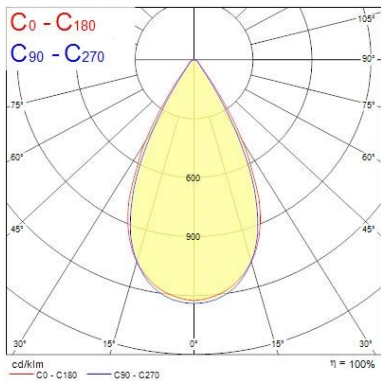
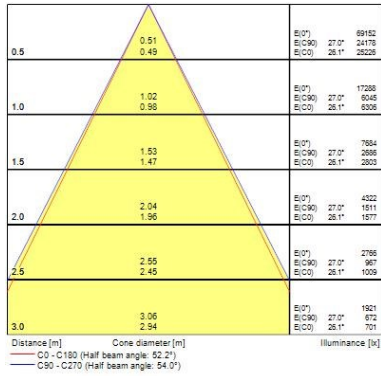
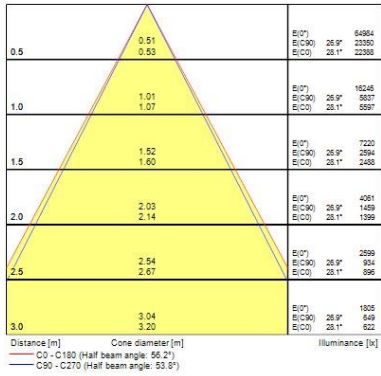
| | |
|-----------------------------|---------------|
| Housing colour | Black |
| IP rating | IP65 |
| IK rating | IK08 |
| Diffuser finish | Clear |
| Diffuser material | Polycarbonate |
| Nominal Product Length (mm) | 270 |
| Nominal Product Width (mm) | 270 |
| Nominal Product Height (mm) | 170 |
| Weight (kg) | 3.0 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288393445 |
| Packaging single length / height (cm) | 33.0 |
| Packaging single width (cm) | 33.0 |
| Packaging single depth (cm) | 16.7 |
| DUN14 (outer) | 05410288393445 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 33.0 |
| Packaging outer width (cm) | 33.0 |
| Packaging outer depth (cm) | 16.7 |

PHOTOMETRY

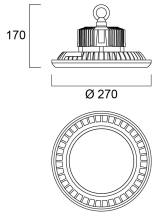
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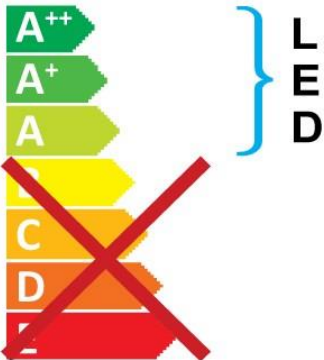
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TECHNICAL DRAWINGS




SYLVANIA 0039344

 This luminaire contains built in LED lamps.




The lamps cannot be changed in the luminaire.

874/2012 

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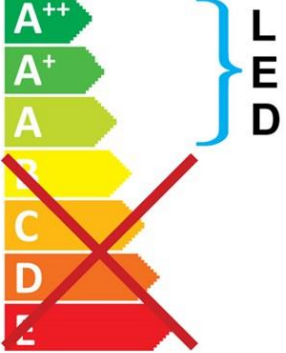
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