

Ascent 150 II Square

ASCENT150 II SQ 2000 4K STD

2059392



Product features

- ASCENT150 II SQ 2000 4K STD is a high efficient downlight luminaire , Colour rendering index Ra >80, Colour temperature: 3000K Warm white, Class II, Protection rating IP44/IK03



PRODUCT OVERVIEW

| | |
|-----------------------------|-----------------------------|
| Product name | ASCENT150 II SQ 2000 4K STD |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| Environment | Internal |
| General application | Hospitality, Office, Retail |
| ETIM Class | EC001744 |
| E-number FI | 4237806 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 2000 |
| Luminaire efficacy (lm/W) | 154 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Beam Angle (°) | 80 |
| Glare control | < 22 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 13 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Dimmable | No |
| IP rating | IP44/20 |
| IK rating | IK03 |
| Product EAN number | 5025768593927 |

DATA TABLE

General data

| | |
|--------------|-----------------------------|
| Product name | ASCENT150 II SQ 2000 4K STD |
| Technology | LED |
| Housing | Aluminium |

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| | |
|---|-----------------------------|
| Mount | Ceiling recessed mounting |
| Environment | Internal |
| General application | Hospitality, Office, Retail |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC001744 |
| E-number FI | 4237806 |
| Warranty | 5 years |

Optical data

| | |
|----------------------------|------|
| Fixture luminous flux (lm) | 2000 |
| Luminaire efficacy (lm/W) | 154 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Adjustable chromaticity | N |
| Beam Angle (°) | 80 |
| Glare control | < 22 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|--------------------|
| Total power consumption (W) | 13 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 1 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Transformer required | Yes |
| Dimmable | No |
| Drive current (mA) | 500 |
| Inrush Current (A) | 16 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | B |
| Nominal Frequency (Hz) | 50/60/HF |
| Max. Luminaires per 10A B Breaker | 32 |
| Max. Luminaires per 16A B Breaker | 50 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L90 B10 | 60000 |

Physical data

| | |
|----------------------------|-------------|
| IP rating | IP44/20 |
| IK rating | IK03 |
| Diffuser finish | Transparent |
| Nominal Product Width (mm) | 188 |

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| | |
|---|---------|
| Nominal Product Height (mm) | 123 |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 175x175 |
| Weight (kg) | 1.03 |
| Recessed Depth (mm) | 158 |

Packaging

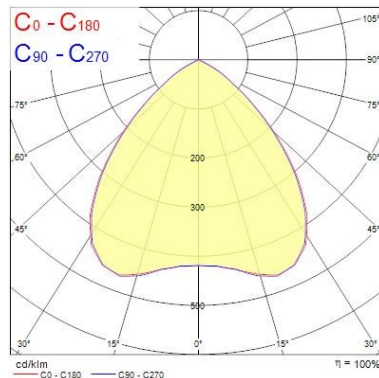
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768593927 |
| Packaging single length / height (cm) | 25.0 |
| Packaging single width (cm) | 20.0 |
| Packaging single depth (cm) | 25.0 |
| DUN14 (outer) | 05025768593927 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 25.0 |
| Packaging outer width (cm) | 20.0 |
| Packaging outer depth (cm) | 25.0 |

PHOTOMETRY

| Distance (m) | Cone diameter (m) | E(0°) | E(C90) | E(C0) | Illuminance (lx) |
|--------------|-------------------|-------|--------------|--------------|------------------|
| 0.5 | 0.98 0.99 | 3550 | 44.3° 690 | 44.8° 670 | |
| 1.0 | 1.95 1.99 | 838 | 44.3° 172 | 44.8° 167 | |
| 1.5 | 2.93 2.98 | 372 | 44.3° 77 | 44.8° 74 | |
| 2.0 | 3.90 3.97 | 209 | 44.3° 43 | 44.8° 42 | |
| 2.5 | 4.88 4.97 | 134 | 44.3° 28 | 44.8° 27 | |
| 3.0 | 5.86 5.96 | 90 | 44.3° 19 | 44.8° 19 | |

Distance (m) Cone diameter (m) Illuminance (lx)

— C0 - C180 (Half beam angle: 99.9°)
— C90 - C270 (Half beam angle: 88.6°)



TECHNICAL DRAWINGS

