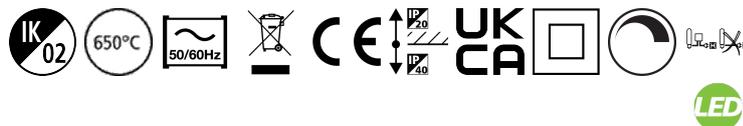


Concord

ASCENT 100 II ARCH 1200 4K DALI 120
2060527



Features

- The ASCENT 100 II ARCH 1200 4K DALI 120 is a high efficient DALI dimmable downlight luminaire, Colour rendering index Ra >80, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 137mm

Product Overview

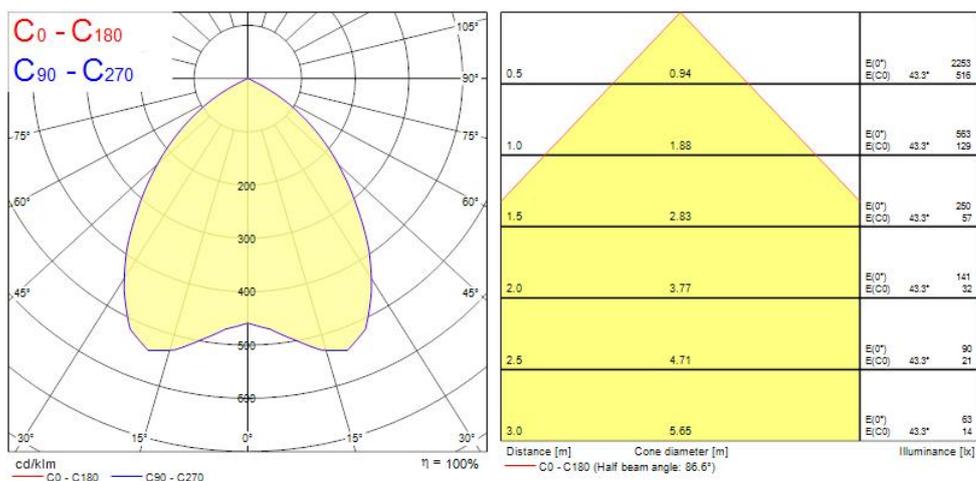
| | |
|---------------------------------|-------------------------------------|
| Product name | ASCENT 100 II ARCH 1200 4K DALI 120 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| E-number FI | 4260843 |
| Fixture luminous flux (lm) | 1228 |
| Luminaire efficacy (lm/W) | 123 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | < 23 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 10 |
| Electrical protection | Class II |
| Control gear type | Electronic ballast |
| Control gear mounting | Remote |

Concord

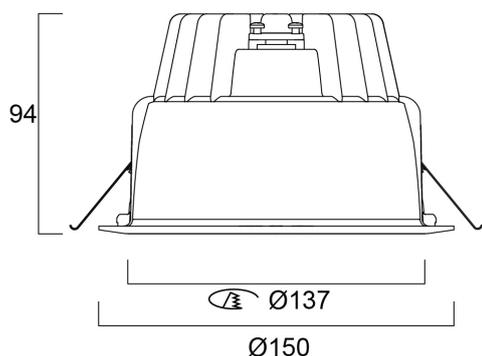
ASCENT 100 II ARCH 1200 4K DALI 120 2060527

| | |
|--------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP40/20 |
| IK rating | IK02 |
| Product EAN number | 5025768605279 |
| Warranty | 5 years |

Photometry



Technical drawings



Concord

ASCENT 100 II ARCH 1200 4K DALI 120
2060527

Data table

GENERAL DATA

| | |
|---|-------------------------------------|
| Product name | ASCENT 100 II ARCH 1200 4K DALI 120 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Ceiling recessed mounting |
| Operating temperature range (°C) | 25°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| E-number FI | 4260843 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|---------------------------------|------|
| Fixture luminous flux (lm) | 1228 |
| Luminaire efficacy (lm/W) | 123 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | < 23 |
| Photobiological Risk Group | RG0 |

ELECTRICAL DATA

| | |
|--|--------------------|
| Total power consumption (W) | 10 |
| Primary Supply/Product voltage - min (V) | 220 |
| Lamp power factor | 0.95 |
| Electrical protection | Class II |
| Control gear required | No |
| Control gear type | Electronic ballast |
| Control gear mounting | Remote |

Concord

ASCENT 100 II ARCH 1200 4K DALI 120 2060527

| | |
|--|---------|
| Drive current (mA) | 200 |
| Inrush Current (A) | 5 |
| Inrush Duration (µs) | 20 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 50 |
| Connectable conductor cross section - Min (mm ²) | 0.5 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

LIFETIME DATA

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 87500 |
| Lifespan L90 B10 | 39500 |

PHYSICAL DATA

| | |
|-------------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP40/20 |
| IK rating | IK02 |
| Diffuser finish | Opal |
| Diffuser material | PMMA Acrylic |
| Nominal Product Width (mm) | 150 |
| Nominal Product Diameter (mm) | 150 |
| Weight (kg) | 0.715 |

PACKAGING

| | |
|-----------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768605279 |
| Packaging single width (cm) | 15.0 |
| Packaging single depth (cm) | 17.5 |
| DUN14 (outer) | 05025768605279 |

Concord

ASCENT 100 II ARCH 1200 4K DALI 120
2060527

| | |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 17.5 |
|--------------------------------------|------|

SAFETY DATA

| | |
|----------------------------------|-------|
| Optimal operating condition (°C) | 25-25 |
|----------------------------------|-------|

| | |
|----------------------|----|
| Special purpose lamp | No |
|----------------------|----|

| | |
|---------------------------|----|
| Dry applications use only | No |
|---------------------------|----|

| | |
|-------------------------------------|----|
| Suitable for household illumination | No |
|-------------------------------------|----|