

Ascent 100 II Deco 120

ASCENT 100 II DECO 1200 4K EMPRO 120

2060629



Product features

- The ASCENT 100 II DECO 1200 4K EMPRO 120 is a high efficient DALI dimmable downlight luminaire with 3 hour EM PRO emergency, luminous flux: 1228lm, luminaire efficacy: 102lm/W, Colour rendering index Ra >80, Colour temperature: 4000K Neutral White, Average life rated at 50,000Hrs, Class II, Protection rating IP44/IK02, Cut out dimensions: 137mm



PRODUCT OVERVIEW

| | |
|-----------------------------|--------------------------------------|
| IPC Code | 2060629 |
| Product name | ASCENT 100 II DECO 1200 4K EMPRO 120 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Recessed |
| General application | Hospitality, Retail, Office, |
| Certifications | EUNEW001 |
| ETIM Class | EC001744 |
| Fixture luminous flux (lm) | 1228 |
| Luminaire efficacy (lm/W) | 102 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Glare control | 22.5 |
| Photobiological Risk Group | Group 0 |
| Total power consumption (W) | 12 |
| Electrical protection | Class II |
| Control gear type | Electronic Emergency |
| Control gear mounting | Remote |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Housing colour | White - RAL9016 |
| IP rating | IP40 |
| IK rating | IK02 |
| Product EAN number | 5025768606290 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

Ascent 100 II Deco 120

ASCENT 100 II DECO 1200 4K EMPRO 120
2060629

DATA TABLE

General data

| | |
|----------------------------------|--------------------------------------|
| IPC Code | 2060629 |
| Product name | ASCENT 100 II DECO 1200 4K EMPRO 120 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Recessed |
| General application | Hospitality,Retail,Office, |
| Operating temperature range (°C) | 0-25 |
| Certifications | EUNEW001 |
| ETIM Class | EC001744 |

Optical data

| | |
|----------------------------|---------|
| Fixture luminous flux (lm) | 1228 |
| Luminaire efficacy (lm/W) | 102 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 3 |
| Beam angle (Rated) (°) | 85 |
| Distribution type | Direct |
| Glare control | 22.5 |
| Photobiological Risk Group | Group 0 |
| Emergency duration (h) | 3 |

Electrical data

| | |
|-----------------------------------|----------------------|
| Total power consumption (W) | 12 |
| Mains voltage (V) | 220-240V~ |
| Electrical protection | Class II |
| Control gear type | Electronic Emergency |
| Control gear mounting | Remote |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 700 |
| Inrush Current (A) | 45 |
| Inrush Duration (µs) | 20 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 50 |
| Max. Luminaires per 16A C Breaker | 80 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 60000 |
| Lumen maintenance - L70 B20 | 60000 |
| Lumen maintenance - L70 B10 | 60000 |
| Lumen maintenance - L80 B50 | 60000 |
| Lumen maintenance - L80 B20 | 60000 |
| Lumen maintenance - L80 B10 | 60000 |

Ascent 100 II Deco 120

ASCENT 100 II DECO 1200 4K EMPRO 120
2060629

| | |
|-----------------------------|-------|
| Lumen maintenance - L90 B50 | 60000 |
| Lumen maintenance - L90 B20 | 48000 |
| Lumen maintenance - L90 B10 | 34000 |

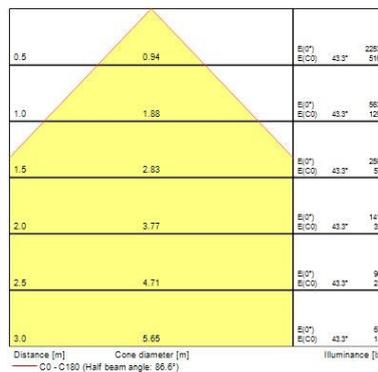
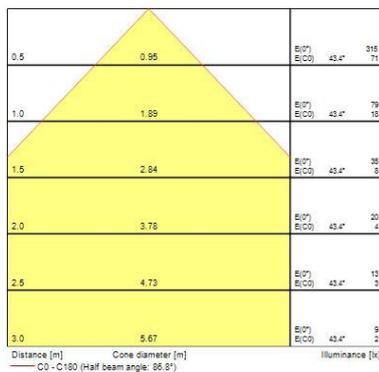
Physical data

| | |
|-------------------------------|-----------------|
| Housing colour | White - RAL9016 |
| IP rating | IP40 |
| IK rating | IK02 |
| Diffuser finish | Opal |
| Diffuser material | Acrylic |
| Reflector finish | Deco |
| Nominal Product Width (mm) | 150 |
| Nominal Product Height (mm) | 94 |
| Nominal Product Diameter (mm) | 120 |
| Weight (kg) | 1.43 |

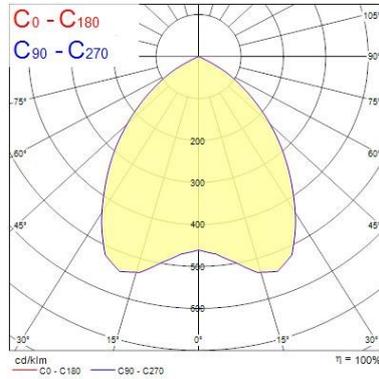
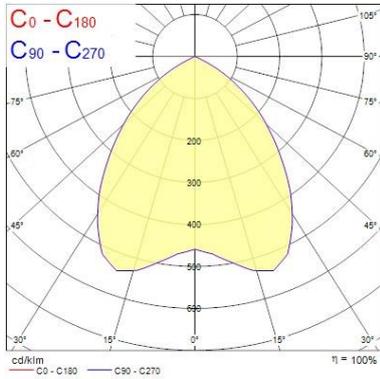
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768606290 |
| Packaging single length / height (cm) | 30.0 |
| Packaging single width (cm) | 30.0 |
| Packaging single depth (cm) | 12.5 |
| DUN14 (outer) | 05025768606290 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 30.0 |
| Packaging outer width (cm) | 30.0 |
| Packaging outer depth (cm) | 12.5 |

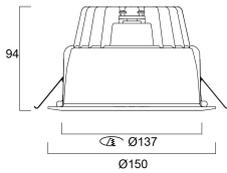
PHOTOMETRY



Ascent 100 II Deco 120 ASCENT 100 II DECO 1200 4K EMPRO 120 2060629



TECHNICAL DRAWINGS



Ascent 100 II Deco 120 ASCENT 100 II DECO 1200 4K EMPRO 120 2060629

Concord 2060629

 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.

Concord 2060629  874/2012