

Ascent 100 II Arch 160

ASCENT 100 II ARCH 2700 3K DALI EMG 160

2060563



Product features

- The ASCENT 100 II ARCH 2700 3K DALI EMG 160 is a high efficient DALI dimmable downlight luminaire with 3 hour emergency, luminous flux: 2649lm, luminaire efficacy: 115lm/W, Colour rendering index Ra >80, Colour temperature: 3000K Warm White, Average life rated at 50,000Hrs, Class II, Protection rating IP44/IK02, Cut out dimensions: 178mm



PRODUCT OVERVIEW

| | |
|-----------------------------|---|
| IPC Code | 2060563 |
| Product name | ASCENT 100 II ARCH 2700 3K DALI EMG 160 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed |
| General application | Hospitality, Retail, Office, |
| Certifications | EUNEW001 |
| ETIM Class | EC001744 |
| Fixture luminous flux (lm) | 2649 |
| Luminaire efficacy (lm/W) | 115 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| CRI (Ra) | 80 |
| Glare control | 24.6 |
| Photobiological Risk Group | Group 0 |
| Total power consumption (W) | 23 |
| Electrical protection | Class II |
| Control gear type | DALI Emergency |
| Control gear mounting | Remote |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Housing colour | White - RAL9016 |
| IP rating | IP40 |
| IK rating | IK02 |
| Product EAN number | 5025768605637 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

DATA TABLE

Ascent 100 II Arch 160

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General data

| | |
|----------------------------------|---|
| IPC Code | 2060563 |
| Product name | ASCENT 100 II ARCH 2700 3K DALI EMG 160 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling recessed |
| General application | Hospitality,Retail,Office, |
| Operating temperature range (°C) | 0-25 |
| Certifications | EUNEW001 |
| ETIM Class | EC001744 |

Optical data

| | |
|----------------------------|---------|
| Fixture luminous flux (lm) | 2649 |
| Luminaire efficacy (lm/W) | 115 |
| LOR (%) | 100 |
| Colour temperature (K) | 3000 |
| CRI (Ra) | 80 |
| Beam angle (Rated) (°) | 85 |
| Distribution type | Direct |
| Glare control | 24.6 |
| Photobiological Risk Group | Group 0 |
| Emergency duration (h) | 3 |

Electrical data

| | |
|-----------------------------------|----------------|
| Total power consumption (W) | 23 |
| Mains voltage (V) | 220-240V~ |
| Electrical protection | Class II |
| Control gear required | Yes |
| Control gear type | DALI Emergency |
| Control gear mounting | Remote |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 1000 |
| 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 |
| Lumen maintenance - L90 B50 | 60000 |
| Lumen maintenance - L90 B20 | 34000 |

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| | |
|-----------------------------|-------|
| Lumen maintenance - L90 B10 | 48000 |
|-----------------------------|-------|

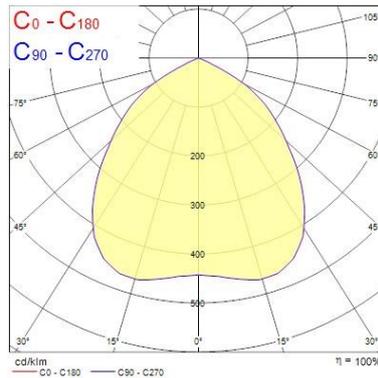
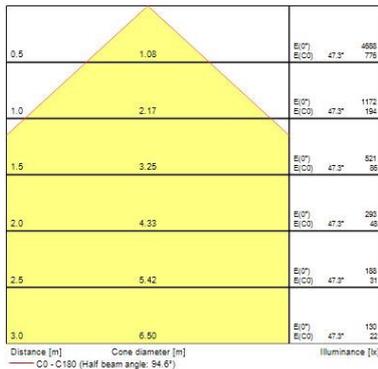
Physical data

| | |
|-------------------------------|-----------------|
| Housing colour | White - RAL9016 |
| IP rating | IP40 |
| IK rating | IK02 |
| Diffuser finish | Light Opal |
| Diffuser material | Arcylic |
| Reflector finish | Arch |
| Nominal Product Width (mm) | 150 |
| Nominal Product Height (mm) | 94 |
| Nominal Product Diameter (mm) | 160 |
| Weight (kg) | 1.92 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5025768605637 |
| Packaging single length / height (cm) | 30.0 |
| Packaging single width (cm) | 30.0 |
| Packaging single depth (cm) | 12.5 |
| DUN14 (outer) | 05025768605637 |
| 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



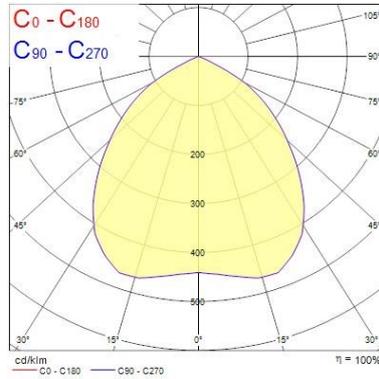
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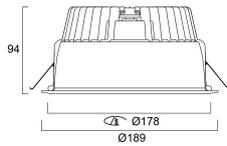
| | | | | |
|-----|------|----------------|-------|-----------|
| 0.5 | 1.10 | E(0°) E(C0) | 47.6° | 215 52 |
| 1.0 | 2.19 | E(0°) E(C0) | 47.6° | 79 13 |
| 1.5 | 3.29 | E(0°) E(C0) | 47.6° | 35 6 |
| 2.0 | 4.38 | E(0°) E(C0) | 47.6° | 25 3 |
| 2.5 | 5.48 | E(0°) E(C0) | 47.6° | 13 2 |
| 3.0 | 6.57 | E(0°) E(C0) | 47.6° | 9 1 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 95.2°)



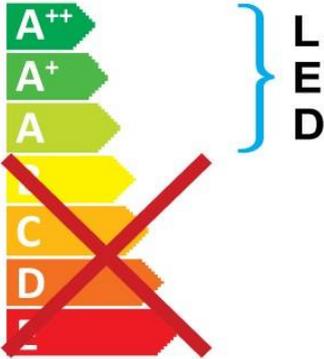
TECHNICAL DRAWINGS



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Concord 2060563

 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

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