

## Ascent 100 II Arch 160

### ASCENT 100 II ARCH 1900 3K STD EMG 160

### 2060551



#### Product features

- The ASCENT 100 II ARCH 1900 3K STD EMG 160 is a high efficient non dimmable downlight luminaire with 3 hour emergency, luminous flux: 1847lm, luminaire efficacy: 97lm/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                    | 2060551                                |
| Product name                | ASCENT 100 II ARCH 1900 3K STD EMG 160 |
| Technology                  | LED                                    |
| Housing                     | Aluminium                              |
| Mount                       | Ceiling recessed                       |
| General application         | Hospitality, Retail, Office,           |
| Certifications              | EUNEW001                               |
| ETIM Class                  | EC001744                               |
| Fixture luminous flux (lm)  | 1847                                   |
| Luminaire efficacy (lm/W)   | 97                                     |
| LOR (%)                     | 100                                    |
| Colour temperature (K)      | 3000                                   |
| CRI (Ra)                    | 80                                     |
| Glare control               | 23.4                                   |
| Photobiological Risk Group  | Group 0                                |
| Total power consumption (W) | 19                                     |
| Electrical protection       | Class II                               |
| Control gear type           | Electronic Emergency                   |
| Control gear mounting       | Remote                                 |
| Dimmable                    | No                                     |
| Housing colour              | White - RAL9016                        |
| IP rating                   | IP40                                   |
| IK rating                   | IK02                                   |
| Product EAN number          | 5025768605514                          |
| Lamps                       | Yes                                    |
| Included lamp               | INTEGRATED LED                         |

#### DATA TABLE

##### General data

|          |         |
|----------|---------|
| IPC Code | 2060551 |
|----------|---------|

## Ascent 100 II Arch 160

*ASCENT 100 II ARCH 1900 3K STD EMG 160*  
2060551

|                                  |                                        |
|----------------------------------|----------------------------------------|
| Product name                     | ASCENT 100 II ARCH 1900 3K STD 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) | 1847    |
| Luminaire efficacy (lm/W)  | 97      |
| LOR (%)                    | 100     |
| Colour temperature (K)     | 3000    |
| CRI (Ra)                   | 80      |
| Beam angle (Rated) (°)     | 85      |
| Distribution type          | Direct  |
| Glare control              | 23.4    |
| Photobiological Risk Group | Group 0 |
| Emergency duration (h)     | 3       |

### Electrical data

|                                   |                      |
|-----------------------------------|----------------------|
| Total power consumption (W)       | 19                   |
| Mains voltage (V)                 | 220-240V~            |
| Electrical protection             | Class II             |
| Control gear required             | Yes                  |
| Control gear type                 | Electronic Emergency |
| Control gear mounting             | Remote               |
| Dimmable                          | No                   |
| 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 |
| Lumen maintenance - L90 B50 | 60000 |
| Lumen maintenance - L90 B20 | 34000 |
| Lumen maintenance - L90 B10 | 48000 |

### Physical data

## Ascent 100 II Arch 160

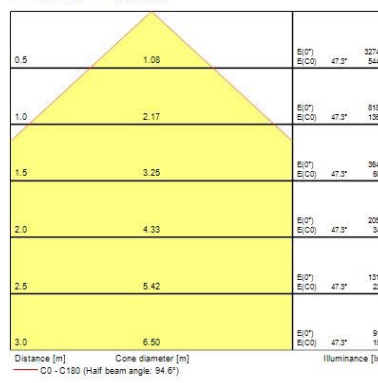
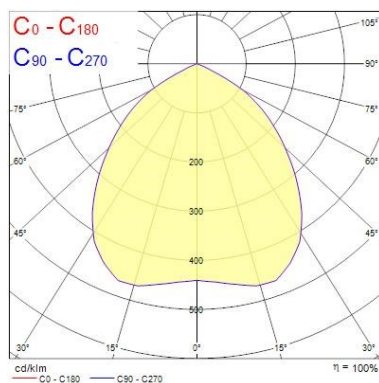
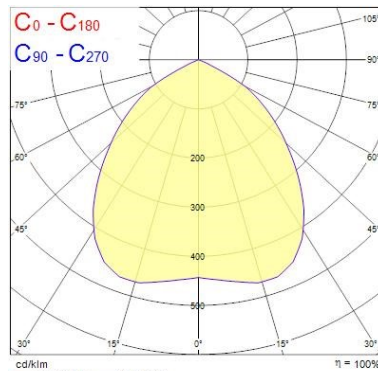
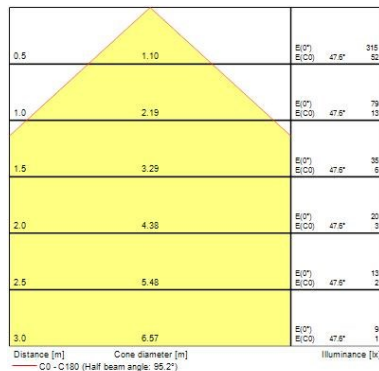
ASCENT 100 II ARCH 1900 3K STD EMG 160  
2060551

|                               |                 |
|-------------------------------|-----------------|
| 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                    | 5025768605514  |
| Packaging single length / height (cm) | 30.0           |
| Packaging single width (cm)           | 30.0           |
| Packaging single depth (cm)           | 12.5           |
| DUN14 (outer)                         | 05025768605514 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 30.0           |
| Packaging outer width (cm)            | 30.0           |
| Packaging outer depth (cm)            | 12.5           |

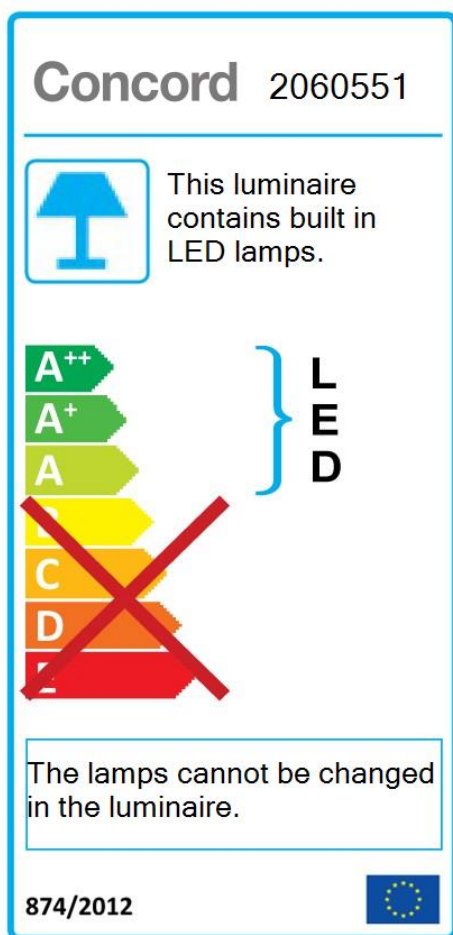
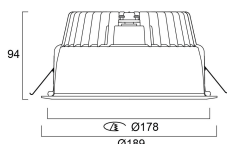
## PHOTOMETRY



## Ascent 100 II Arch 160

ASCENT 100 II ARCH 1900 3K STD EMG 160  
2060551

### TECHNICAL DRAWINGS



## Ascent 100 II Arch 160

ASCENT 100 II ARCH 1900 3K STD EMG 160

2060551

