

## Ascent 100 II Deco 120

ASCENT 100 II DECO 900 4K STD EMG 120  
2060616



### PRODUCT OVERVIEW

|                             |                                       |
|-----------------------------|---------------------------------------|
| Product name                | ASCENT 100 II DECO 900 4K STD EMG 120 |
| Technology                  | LED                                   |
| Cap/Base                    | N/A                                   |
| Housing                     | Aluminium                             |
| Mount                       | Ceiling recessed mounting             |
| Warranty                    | 5 years                               |
| Fixture luminous flux (lm)  | 931                                   |
| Luminaire efficacy (lm/W)   | 93                                    |
| LOR (%)                     | 100                                   |
| Colour temperature (K)      | 4000                                  |
| CRI (Ra)                    | 80                                    |
| Colour Consistency (SDCM)   | 3                                     |
| Glare control               | < 22                                  |
| Photobiological Risk Group  | RG0                                   |
| Total power consumption (W) | 10                                    |
| Electrical protection       | Class II                              |
| Control gear type           | Electronic ballast                    |
| Control gear mounting       | Remote                                |
| Housing colour              | RAL 9016 - Traffic white / Bezel      |
| IP rating                   | IP40/20                               |
| IK rating                   | IK02                                  |
| Product EAN number          | 5025768606160                         |

### DATA TABLE

#### General data

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Product name                     | ASCENT 100 II DECO 900 4K STD EMG 120 |
| Technology                       | LED                                   |
| Cap/Base                         | N/A                                   |
| Housing                          | Aluminium                             |
| Mount                            | Ceiling recessed mounting             |
| Operating temperature range (°C) | 0°C...+25°C                           |

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|   |         |
|---|---------|
| Performance ambient temperature Tq (°C) | 25      |
| Warranty                                | 5 years |

### Optical data

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 931  |
| Luminaire efficacy (lm/W)  | 93   |
| LOR (%)                    | 100  |
| Colour temperature (K)     | 4000 |
| CRI (Ra)                   | 80   |
| Colour Consistency (SDCM)  | 3    |
| Glare control              | < 22 |
| Photobiological Risk Group | RG0  |

### Electrical data

|  |                    |
|--|--------------------|
| Total power consumption (W)                              | 10                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Lamp power factor  | 0.90               |
| Electrical protection                                    | Class II           |
| Control gear type  | Electronic ballast |
| Control gear mounting                                    | Remote             |
| Drive current (mA)                                       | 150                |
| Inrush Current (A)                                       | 8                  |
| Glow Wire Test (°C)                                      | 650                |
| Energy Efficiency Class (A->G) of contained light source | C                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 87500  |
| Lifespan L90 B10 | 39000  |

### 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)                   | 1.43                             |

### Packaging

|                             |                |
|-----------------------------|----------------|
| Single packaging type       | Carton         |
| Product EAN number          | 5025768606160  |
| Packaging single width (cm) | 30.0           |
| Packaging single depth (cm) | 12.5           |
| DUN14 (outer)               | 05025768606160 |

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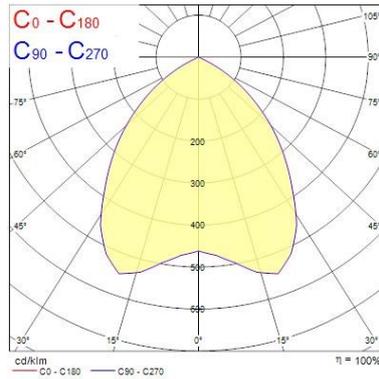
Packaging outer length / height (cm) 30.0

### PHOTOMETRY

|     |      |                |       |             |
|-----|------|----------------|-------|-------------|
| 0.5 | 0.94 | E(0°)<br>E(C0) | 43.3° | 1719<br>394 |
| 1.0 | 1.88 | E(0°)<br>E(C0) | 43.3° | 430<br>99   |
| 1.5 | 2.83 | E(0°)<br>E(C0) | 43.3° | 191<br>44   |
| 2.0 | 3.77 | E(0°)<br>E(C0) | 43.3° | 107<br>28   |
| 2.5 | 4.71 | E(0°)<br>E(C0) | 43.3° | 69<br>18    |
| 3.0 | 5.65 | E(0°)<br>E(C0) | 43.3° | 48<br>11    |

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

— C0 - C180 (Half beam angle: 56.6°)



### TECHNICAL DRAWINGS

