

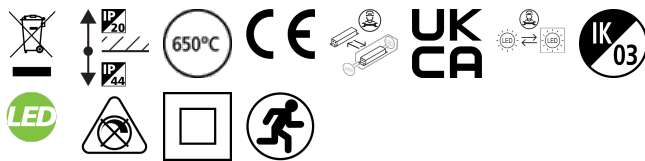
## Ascent 150 II Round Aluminium Reflector

ASCENT 150 II 1900 4K STD EM  
2059354



### Product features

- The ASCENT 150 II 1900 4K STD EM is a high efficient downlight luminaire, Colour rendering index Ra >80, Colour temperature: 4000K Neutral White, Class II, Protection rating IP44/IK03



### PRODUCT OVERVIEW

Product name	ASCENT 150 II 1900 4K STD EM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1900
Luminaire efficacy (lm/W)	119
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 21
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	451
Total power consumption (W)	16
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768593545

## Ascent 150 II Round Aluminium Reflector

*ASCENT 150 II 1900 4K STD EM*  
2059354

### DATA TABLE

#### General data

<b>Product name</b>	ASCENT 150 II 1900 4K STD EM
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium
<b>Mount</b>	Ceiling recessed mounting
<b>Environment</b>	Internal
<b>General application</b>	Hospitality, Office, Retail
<b>Operating temperature range (°C)</b>	25°C...+25°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC001744
<b>Warranty</b>	5 years

#### Optical data

<b>Fixture luminous flux (lm)</b>	1900
<b>Luminaire efficacy (lm/W)</b>	119
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	4000
<b>Correlated colour temperature range (K)</b>	4000 - 4000
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	SDCM3
<b>Colour Consistency (SDCM)</b>	3
<b>Adjustable chromaticity</b>	N
<b>Beam Angle (°)</b>	80
<b>Distribution type</b>	Diffuse
<b>Glare control</b>	< 21
<b>Photobiological Risk Group</b>	RG0
<b>Luminous flux (emergency) (lm)</b>	451
<b>Emergency duration (h)</b>	3

#### Electrical data

<b>Total power consumption (W)</b>	16
<b>Mains voltage (V)</b>	220-240V
<b>Lamp power factor</b>	1
<b>THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %</b>	10
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	Electronic ballast
<b>Transformer required</b>	Yes
<b>Dimmable</b>	No
<b>Dimming method</b>	N/A
<b>Drive current (mA)</b>	500
<b>Inrush Current (A)</b>	16
<b>Glow Wire Test (°C)</b>	650
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	B

## Ascent 150 II Round Aluminium Reflector

*ASCENT 150 II 1900 4K STD EM*  
2059354

Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 16A C Breaker	51
Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 16A B Breaker	50

### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	60000

### Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Reflector finish	Other
Nominal Product Width (mm)	189
Nominal Product Height (mm)	107
Nominal Product Diameter (mm)	189
Cutout Dimensions (W x L in mm or Diameter in mm)	176
Weight (kg)	1.78
Recessed Depth (mm)	120

### Packaging

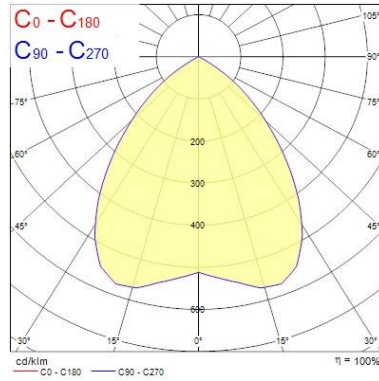
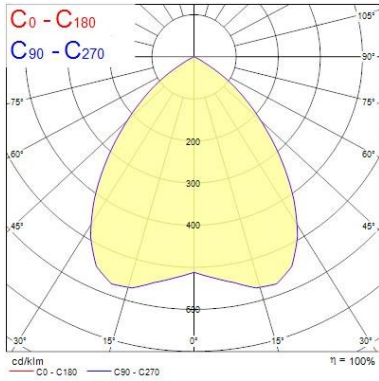
Single packaging type	Carton
Product EAN number	5025768593545
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593545
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

### Safety data

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

## PHOTOMETRY

## Ascent 150 II Round Aluminium Reflector *ASCENT 150 II 1900 4K STD EM* 2059354



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.91	3889 887	42.2° 42.2°
1.0	1.81	972 222	42.2° 42.2°
1.5	2.72	432 99	42.2° 42.2°
2.0	3.63	243 58	42.2° 42.2°
2.5	4.53	156 38	42.2° 42.2°
3.0	5.44	108 28	42.2° 42.2°

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

C0 - C180 (Half beam angle: 54.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	0.91	903 210	42.2° 42.2°
1.0	1.81	226 53	42.2° 42.2°
1.5	2.72	103 23	42.2° 42.2°
2.0	3.63	58 13	42.2° 42.2°
2.5	4.53	37 8	42.2° 42.2°
3.0	5.44	28 6	42.2° 42.2°

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

C0 - C180 (Half beam angle: 84.4°)

### TECHNICAL DRAWINGS

