

Ascent 150 II Round Aluminium Reflector

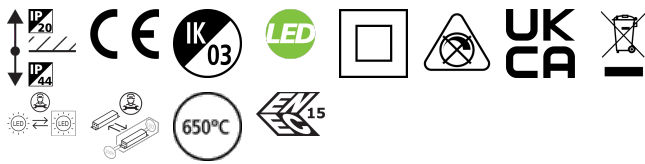
ASCENT 150 II 1250 3K STD

2059340



Product features

- The ASCENT 150 II 1250 3K STD is a high efficient downlight luminaire ,Colour rendering index Ra >80, Colour temperature: 3000K Warm white, Class II, Protection rating IP44/IK03



PRODUCT OVERVIEW

Product name	ASCENT 150 II 1250 3K STD
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4237871
Warranty	5 years
Fixture luminous flux (lm)	1250
Luminaire efficacy (lm/W)	139
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 20
Photobiological Risk Group	RG0
Total power consumption (W)	9
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	5025768593408

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DATA TABLE

General data

Product name	ASCENT 150 II 1250 3K STD
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
Operating temperature range (°C)	25°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4237871
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1250
Luminaire efficacy (lm/W)	139
LOR (%)	100
Colour temperature (K)	3000
Correlated colour temperature range (K)	3000 - 3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Distribution type	Diffuse
Glare control	< 20
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	9
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	3.78
Inrush Duration (µs)	42
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C

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Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 10A C Breaker	80
Max. Luminaires per 13A C Breaker	107
Max. Luminaires per 16A C Breaker	133
Max. Luminaires per 20A C Breaker	160
Max. Luminaires per 10A B Breaker	80
Max. Luminaires per 13A B Breaker	107
Max. Luminaires per 16A B Breaker	133
Max. Luminaires per 20A B Breaker	160

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)	1.03
Recessed Depth (mm)	120

Packaging

Single packaging type	Carton
Product EAN number	5025768593408
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768593408
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

Safety data

Optimal operating condition (°C)	25-25
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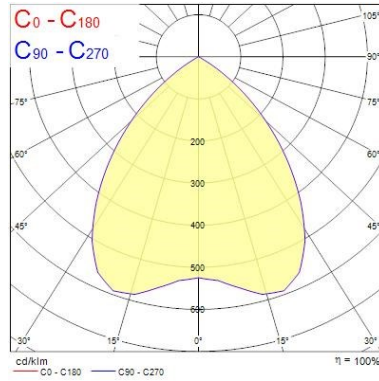
PHOTOMETRY

Ascent 150 II Round Aluminium Reflector *ASCENT 150 II 1250 3K STD* 2059340

0.5	0.90	E(0°) E(C0)	42.0°	2623 609
1.0	1.80	E(0°) E(C0)	42.0°	656 152
1.5	2.70	E(0°) E(C0)	42.0°	291 68
2.0	3.60	E(0°) E(C0)	42.0°	164 38
2.5	4.50	E(0°) E(C0)	42.0°	105 24
3.0	5.40	E(0°) E(C0)	42.0°	73 17

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

— C0 - C180 (Half beam angle: 84.0°)



TECHNICAL DRAWINGS

