

Ascent 150 II Round Aluminium Reflector

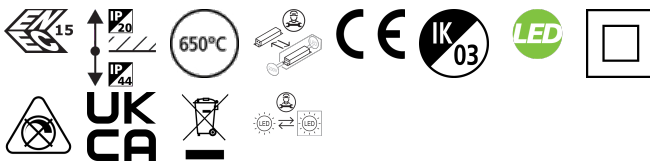
ASCENT 150 II 2500 3K STD

2059356



Product features

- The ASCENT 150 II 2500 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 2500 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	4237879
Warranty	5 years
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	19
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	5025768593569

Ascent 150 II Round Aluminium Reflector

ASCENT 150 II 2500 3K STD
2059356

DATA TABLE

General data

Product name	ASCENT 150 II 2500 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	4237879
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	132
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	< 22
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	19
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Dimming method	N/A
Drive current (mA)	700
Inrush Current (A)	16
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C

Ascent 150 II Round Aluminium Reflector

ASCENT 150 II 2500 3K STD
2059356

Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 16A C Breaker	80
Max. Luminaires per 10A B Breaker	16
Max. Luminaires per 16A B Breaker	25

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

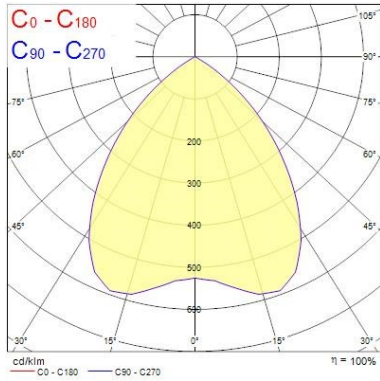
Single packaging type	Carton
Product EAN number	5025768593569
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768593569
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

Safety data

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

PHOTOMETRY

Ascent 150 II Round Aluminium Reflector *ASCENT 150 II 2500 3K STD* 2059356



0.5	0.90	E(0°) E(C0)	42.0°	5254 1217
1.0	1.80	E(0°) E(C0)	42.0°	1313 304
1.5	2.70	E(0°) E(C0)	42.0°	554 135
2.0	3.60	E(0°) E(C0)	42.0°	323 76
2.5	4.50	E(0°) E(C0)	42.0°	210 49
3.0	5.40	E(0°) E(C0)	42.0°	146 34

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 84.0°)

TECHNICAL DRAWINGS

