

Ascent 150 II Square

ASCENT150 II SQ 2800 4K STD

2059400



Product features

- ASCENT150 II SQ 2800 4K STD 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	ASCENT150 II SQ 2800 4K STD
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4237810
Warranty	5 years
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	147
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	19
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768594009

DATA TABLE

General data

Product name	ASCENT150 II SQ 2800 4K STD
Technology	LED
Housing	Aluminium

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Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4237810
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	147
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Glare control	< 23
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
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	B
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

IP rating	IP44/20
IK rating	IK03

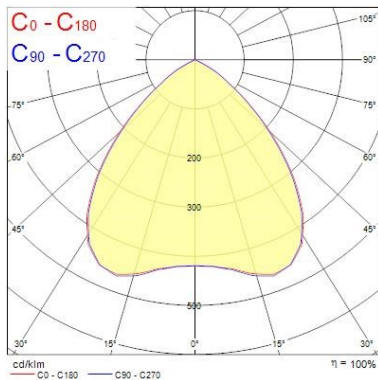
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Diffuser finish	Transparent
Nominal Product Width (mm)	188
Nominal Product Height (mm)	123
Cutout Dimensions (W x L in mm or Diameter in mm)	175x175
Weight (kg)	1.03
Recessed Depth (mm)	158

Packaging

Single packaging type	Carton
Product EAN number	5025768594009
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768594009
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.98 0.99	4530	44.3° 964	44.8° 958	
1.0	1.95 1.99	1170	44.3° 241	44.8° 234	
1.5	2.93 2.98	521	44.3° 107	44.8° 104	
2.0	3.90 3.97	290	44.3° 60	44.8° 59	
2.5	4.88 4.97	188	44.3° 38	44.8° 37	
3.0	5.86 5.96	130	44.3° 27	44.8° 26	

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 59.6°)
 C90 - C270 (Half beam angle: 86.6°)

TECHNICAL DRAWINGS

