

Ascent 150 II Square

ASCENT150 II SQ 2000 4K DALI EM

2059395



Product features

- ASCENT150 II SQ 2000 4K DALI EM 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	ASCENT150 II SQ 2000 4K DALI EM
Technology	LED
Cap/Base	SFc15.5-6
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	125
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 22
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	460
Total power consumption (W)	16
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Housing colour	Aluminium
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768593958

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DATA TABLE

General data

Product name	ASCENT150 II SQ 2000 4K DALI EM
Technology	LED
Cap/Base	SFc15.5-6
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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	125
LOR (%)	100
Colour temperature (K)	4000
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
Luminous flux (emergency) (lm)	460
Emergency duration (h)	3

Electrical data

Total power consumption (W)	16
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	7
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	25
Inrush Duration (µs)	141
Glow Wire Test (°C)	650

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Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 10A C Breaker	31
Max. Luminaires per 13A C Breaker	40
Max. Luminaires per 16A C Breaker	51
Max. Luminaires per 20A C Breaker	66
Max. Luminaires per 10A B Breaker	19
Max. Luminaires per 13A B Breaker	24
Max. Luminaires per 16A B Breaker	31
Max. Luminaires per 20A B Breaker	40

Lifetime data

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

Physical data

Housing colour	Aluminium
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Reflector finish	Other
Nominal Product Length (mm)	188
Nominal Product Width (mm)	188
Nominal Product Height (mm)	123
Cutout Dimensions (W x L in mm or Diameter in mm)	175x175
Weight (kg)	1.78
Recessed Depth (mm)	158

Packaging

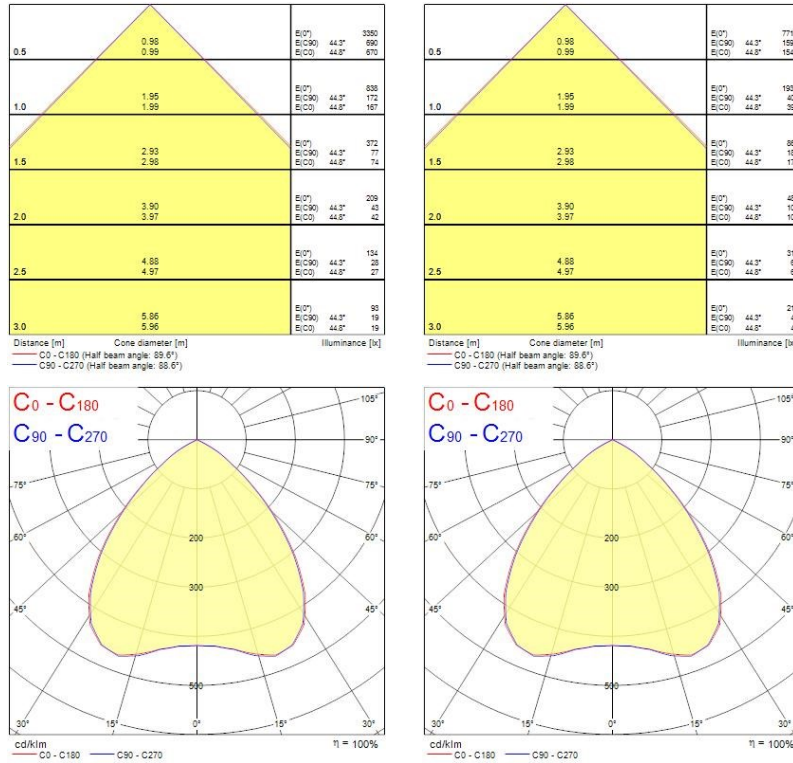
Single packaging type	Carton
Product EAN number	5025768593958
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593958
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

Safety data

Optimal operating condition (°C)	25-25
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PHOTOMETRY



TECHNICAL DRAWINGS

