

Ascent 150 II Square

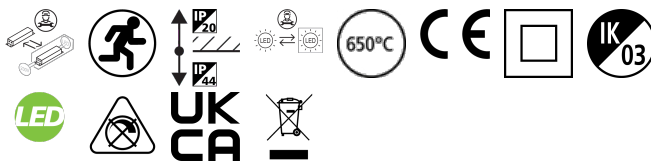
ASCENT150 II SQ 1400 4K STD EM

2059386



Product features

- ASCENT150 II SQ 1400 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	ASCENT150 II SQ 1400 4K STD EM
Technology	LED
Cap/Base	S14d
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1400
Luminaire efficacy (lm/W)	117
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)	460
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
Dimming method	N/A
Housing colour	Aluminium
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768593866

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DATA TABLE

General data

Product name	ASCENT150 II SQ 1400 4K STD EM
Technology	LED
Cap/Base	S14d
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)	1400
Luminaire efficacy (lm/W)	117
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	< 21
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	460
Emergency duration (h)	3

Electrical data

Total power consumption (W)	12
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	B

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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	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	5025768593866
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593866
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

