

Ascent 150 II Square

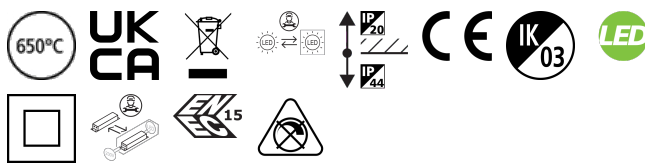
ASCENT150 II SQ 3900 3K STD

2059404



Product features

- ASCENT150 II SQ 3900 3K 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 3900 3K STD
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4237812
Warranty	5 years
Fixture luminous flux (lm)	3900
Luminaire efficacy (lm/W)	139
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	28
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	No
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768594047

DATA TABLE

General data

Product name	ASCENT150 II SQ 3900 3K 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	4237812
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3900
Luminaire efficacy (lm/W)	139
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Glare control	< 24
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	28
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
Drive current (mA)	1050
Inrush Current (A)	10
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 10A C Breaker	35
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	65
Max. Luminaires per 20A C Breaker	75
Max. Luminaires per 10A B Breaker	35
Max. Luminaires per 13A B Breaker	50
Max. Luminaires per 16A B Breaker	65
Max. Luminaires per 20A B Breaker	75

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000

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Lifespan L90 B10	55000
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Physical data

IP rating	IP44/20
IK rating	IK03
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

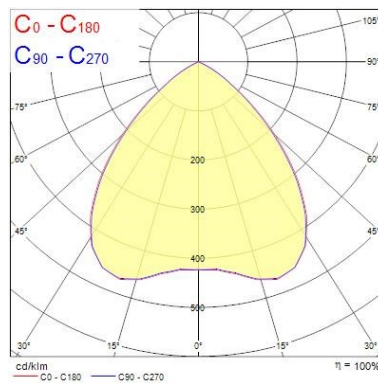
Single packaging type	Carton
Product EAN number	5025768594047
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768594047
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

PHOTOMETRY

0.5	0.98 0.98	E(I) ⁰ 6596 E(C90) 1348 E(C0) 1318
1.0	1.96 1.96	E(I) ⁰ 1650 E(C90) 336 E(C0) 329
1.5	2.93 2.93	E(I) ⁰ 733 E(C90) 149 E(C0) 146
2.0	3.90 3.97	E(I) ⁰ 412 E(C90) 84 E(C0) 82
2.5	4.88 4.97	E(I) ⁰ 264 E(C90) 54 E(C0) 53
3.0	5.86 5.96	E(I) ⁰ 183 E(C90) 37 E(C0) 37

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

— C0 - C180 (Half beam angle: 88.6°)
— C90 - C270 (Half beam angle: 88.6°)



TECHNICAL DRAWINGS

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