

## Ascent 150 II Square

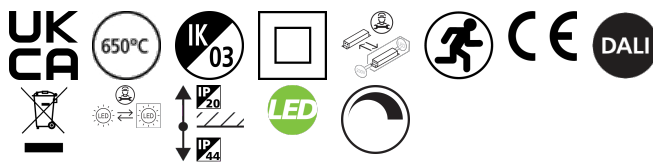
### ASCENT150 II SQ 1900 3K DALI EM

#### 2059391



#### Product features

- ASCENT150 II SQ 1900 3K 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 1900 3K DALI EM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1900
Luminaire efficacy (lm/W)	119
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	16
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
IP rating	IP44/20
IK rating	IK03
Product EAN number	5025768593910
Luminous flux (emergency) (lm)	433

### DATA TABLE

#### General data

Product name	ASCENT150 II SQ 1900 3K DALI EM
Technology	LED

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Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Internal
General application	Hospitality, Office, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	1900
Luminaire efficacy (lm/W)	119
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Glare control	< 22
Photobiological Risk Group	RG0
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 %	8
Electrical protection	Class II
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	26
Inrush Duration (µs)	151
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	31
Max. Luminaires per 13A C Breaker	43
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	66
Max. Luminaires per 10A B Breaker	19
Max. Luminaires per 13A B Breaker	26
Max. Luminaires per 16A B Breaker	32
Max. Luminaires per 20A B Breaker	40

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### Lifetime data

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

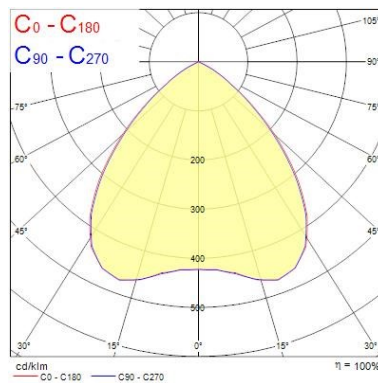
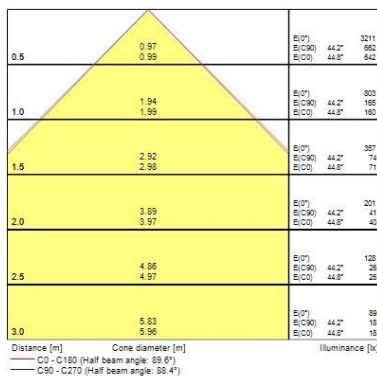
### Physical data

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)	1.78
Recessed Depth (mm)	158

### Packaging

Single packaging type	Carton
Product EAN number	5025768593910
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593910
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

## PHOTOMETRY



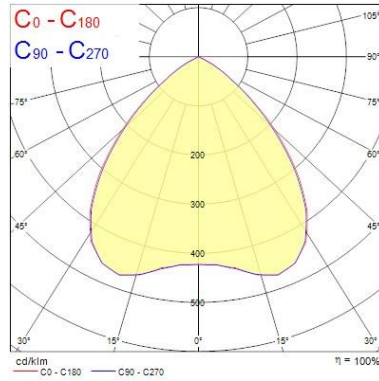
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0.5	0.97 0.99	E(0°) E(C90) E(C0)	732 151 146
1.0	1.94 1.99	E(0°) E(C90) E(C0)	183 38 37
1.5	2.92 2.98	E(0°) E(C90) E(C0)	81 17 16
2.0	3.89 3.97	E(0°) E(C90) E(C0)	46 9 9
2.5	4.86 4.97	E(0°) E(C90) E(C0)	29 6 6
3.0	5.83 5.96	E(0°) E(C90) E(C0)	20 4 4

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

— C0 - C180 (Half beam angle: 88.6°)  
— C90 - C270 (Half beam angle: 88.4°)



## TECHNICAL DRAWINGS

