

Ascent 150 II Square

ASCENT150 II SQ 2600 3K DALI EM

2059399



Product features

- ASCENT150 II SQ 2600 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 2600 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)	2600
Luminaire efficacy (lm/W)	118
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	22
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	5025768593996
Luminous flux (emergency) (lm)	433

DATA TABLE

General data

Product name	ASCENT150 II SQ 2600 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)	2600
Luminaire efficacy (lm/W)	118
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	80
Glare control	< 23
Photobiological Risk Group	RG0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	22
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
Minimum dimming level (%)	1
Drive current (mA)	700
Inrush Current (A)	25
Inrush Duration (µs)	141
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	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

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Lifetime data

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

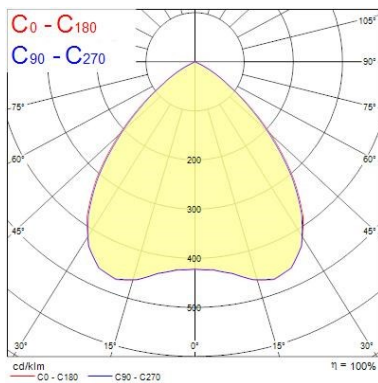
Physical data

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	5025768593996
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593996
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

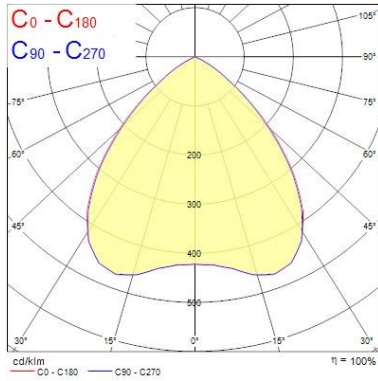
PHOTOMETRY



Distance [m]	Cone diameter [m]	E [0°]	E [C90]	E [C0]	illuminance [lx]
0.5	0.97 0.99	4391	44.2°	967	901
1.0	1.94 1.98	1098	44.2°	237	222
1.5	2.92 2.97	488	44.2°	151	99
2.0	3.89 3.95	274	44.2°	87	55
2.5	4.86 4.95	178	44.2°	58	35
3.0	5.83 5.94	122	44.2°	38	23

Distance [m] Cone diameter [m] illuminance [lx]
 — C0 - C180 (Half beam angle: 99.4°)
 — C90 - C270 (Half beam angle: 88.4°)

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Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.97 0.99	E(0°) E(C90)	44.2° 44.7°	731 151
1.0	1.94 1.98	E(0°) E(C90)	44.2° 44.7°	183 38
1.5	2.92 2.97	E(0°) E(C90)	44.2° 44.7°	81 17
2.0	3.89 3.96	E(0°) E(C90)	44.2° 44.7°	48 9
2.5	4.86 4.95	E(0°) E(C90)	44.2° 44.7°	38 6
3.0	5.83 5.94	E(0°) E(C90)	44.2° 44.7°	28 4

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 89.4°)
 C90 - C270 (Half beam angle: 89.4°)

TECHNICAL DRAWINGS

