

Ascent 150 II Round Aluminium Reflector

ASCENT 150 II 2600 4K DALI EM

2059363



Product features

- The ASCENT 150 II 2600 4k DALI 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	ASCENT 150 II 2600 4K 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)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	80
Glare control	< 22
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	5025768593637
Luminous flux (emergency) (lm)	451

DATA TABLE

General data

Product name	ASCENT 150 II 2600 4K 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)	4000
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)	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	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

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Lifetime data

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

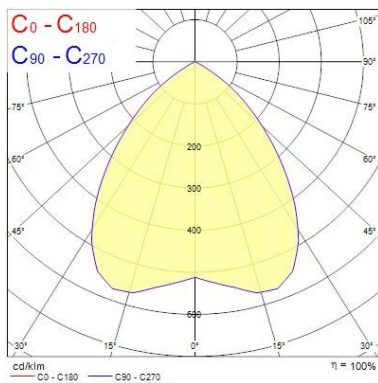
Physical data

IP rating	IP44/20
IK rating	IK03
Diffuser finish	Transparent
Nominal Product Width (mm)	189
Nominal Product Height (mm)	107
Cutout Dimensions (W x L in mm or Diameter in mm)	176
Weight (kg)	1.78
Recessed Depth (mm)	120

Packaging

Single packaging type	Carton
Product EAN number	5025768593637
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593637
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]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.91	0.91	42.2°	832
1.0	1.81	1.81	42.2°	333
1.5	2.72	2.72	42.2°	155
2.0	3.63	3.63	42.2°	78
2.5	4.53	4.53	42.2°	48
3.0	5.44	5.44	42.2°	34

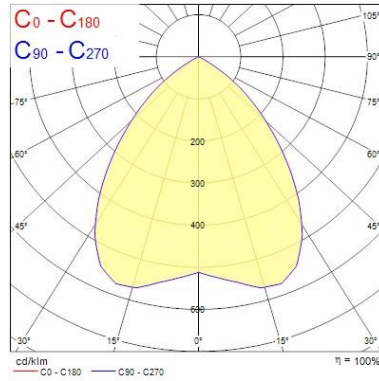
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 84.4°)

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0.5	0.91	E(0°) E(C0)	42.2°	923 210
1.0	1.81	E(0°) E(C0)	42.2°	231 53
1.5	2.72	E(0°) E(C0)	42.2°	103 23
2.0	3.63	E(0°) E(C0)	42.2°	58 13
2.5	4.53	E(0°) E(C0)	42.2°	37 8
3.0	5.44	E(0°) E(C0)	42.2°	26 6

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

— C0 - C180 (Half beam angle: 94.4°)



TECHNICAL DRAWINGS

