

## Ascent 150 II Round Aluminium Reflector

### ASCENT 150 II 1200 4K DALI EM

#### 2059347



#### Product features

- The ASCENT 150 II 1200 4k DALI EM is a high efficient downlight luminaire with luminous flux: 1215lm, luminaire efficacy: 123lm/W, Colour rendering index Ra >80, Colour temperature: 4000K Neutral White, Average life rated at 50,000Hrs, Class II, Protection rating IP44/IK02, Cut out dimensions: 176mm, Weight: 2.45kg



### PRODUCT OVERVIEW

IPC Code	2059347
Product name	ASCENT 150 II 1200 4K DALI EM
Technology	LED
Housing	Aluminium
Mount	Recessed
Environment	Internal
General application	Hospitality,Office,Retail
Certifications	EUNEW001
ETIM Class	EC001744
Fixture luminous flux (lm)	1215
Luminaire efficacy (lm/W)	123
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	Exempt Group 0
Total power consumption (W)	10
Electrical protection	Class II
Control gear type	Electronic
Minimum dimming level (%)	99
Average life (Nominal) (h)	50000
IP rating	IP44
IK rating	IK02
Product EAN number	5025768593477
Luminous flux (emergency) (lm)	421
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	2059347
Product name	ASCENT 150 II 1200 4K DALI EM
Technology	LED

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Housing	Aluminium
Mount	Recessed
Environment	Internal
General application	Hospitality,Office,Retail
Certifications	EUNEW001
ETIM Class	EC001744

### Optical data

Fixture luminous flux (lm)	1215
Luminaire efficacy (lm/W)	123
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam angle (Rated) (°)	80
Distribution type	Direct
Photobiological Risk Group	Exempt Group 0
Emergency duration (h)	3

### Electrical data

Total power consumption (W)	10
Mains voltage (V)	220-240V~
Electrical protection	Class II
Control gear type	Electronic
Transformer required	Yes
Minimum dimming level (%)	99
Inrush Current (A)	20.9
Inrush Duration (µs)	139
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 16A C Breaker	26

### Lifetime data

Lumen maintenance - L70 B50	60000
Lumen maintenance - L70 B20	60000
Lumen maintenance - L70 B10	60000
Lumen maintenance - L80 B50	60000
Lumen maintenance - L80 B20	60000
Lumen maintenance - L80 B10	60000
Lumen maintenance - L90 B50	60000
Lumen maintenance - L90 B20	60000
Lumen maintenance - L90 B10	52000
Average life (Nominal) (h)	50000

### Physical data

IP rating	IP44
IK rating	IK02
Diffuser finish	Clear

## Ascent 150 II Round Aluminium Reflector

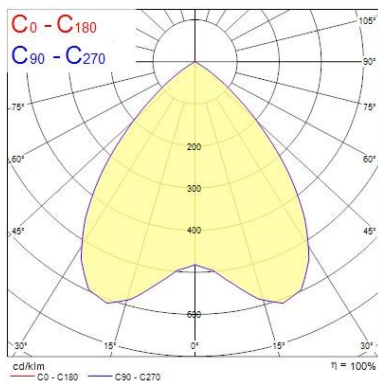
ASCENT 150 II 1200 4K DALI EM  
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Nominal Product Width (mm)	189
Nominal Product Height (mm)	142
Weight (kg)	2.45
Recessed Depth (mm)	142

### Packaging

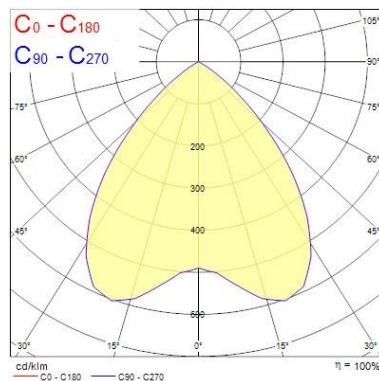
Single packaging type	Carton
Product EAN number	5025768593477
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	20.0
DUN14 (outer)	05025768593477
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	20.0

## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	0.89	828	41.8°	212
1.0	1.79	206	41.8°	52
1.5	2.68	92	41.8°	24
2.0	3.58	52	41.8°	13
2.5	4.47	33	41.8°	8
3.0	5.36	23	41.8°	6

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 83.6°)

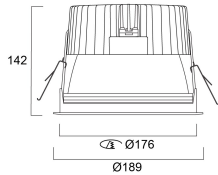


Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	0.89	2342	41.7°	619
1.0	1.78	588	41.7°	155
1.5	2.67	260	41.7°	69
2.0	3.56	146	41.7°	39
2.5	4.45	94	41.7°	25
3.0	5.35	68	41.7°	17


Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 83.4°)

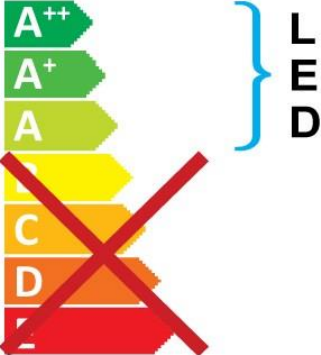
## TECHNICAL DRAWINGS

## Ascent 150 II Round Aluminium Reflector *ASCENT 150 II 1200 4K DALI EM* 2059347




**Concord** 2059347

 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

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