

## Ascent 150 II Square

### ASCENT 150 II SQ 2400 4K DALI

#### 2059401



#### Product features

- The ASCENT 150 II SQ 2400 4K DALI is a high efficient downlight luminaire with luminous flux: 2483lm, luminaire efficacy: 131lm/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: 175mm, Weight: 1.7kg



### PRODUCT OVERVIEW

IPC Code	2059401
Product name	ASCENT 150 II SQ 2400 4K DALI
Technology	LED
Housing	Aluminium
Mount	Recessed
Environment	Internal
General application	Hospitality,Office,Retail
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4237811
Fixture luminous flux (lm)	2483
Luminaire efficacy (lm/W)	131
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	Exempt Group 0
Total power consumption (W)	19
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	5025768594016
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	2059401
Product name	ASCENT 150 II SQ 2400 4K DALI
Technology	LED
Housing	Aluminium
Mount	Recessed

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Environment	Internal
General application	Hospitality,Office,Retail
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4237811

### Optical data

Fixture luminous flux (lm)	2483
Luminaire efficacy (lm/W)	131
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

### Electrical data

Total power consumption (W)	19
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	48

### 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
Nominal Product Width (mm)	188
Nominal Product Height (mm)	158

## Ascent 150 II Square

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Weight (kg)	1.7
Recessed Depth (mm)	158

### Packaging

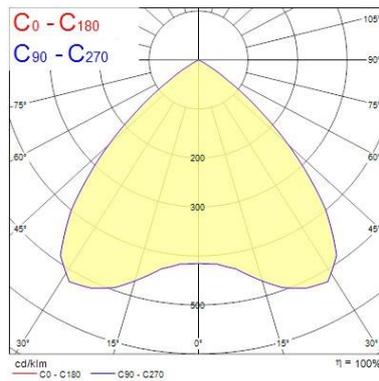
Single packaging type	Carton
Product EAN number	5025768594016
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768594016
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

## PHOTOMETRY

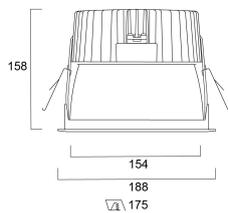
0.5	1.03	E(0°) E(C0)	4124 376
1.0	2.06	E(0°) E(C0)	1031 219
1.5	3.10	E(0°) E(C0)	458 97
2.0	4.13	E(0°) E(C0)	258 55
2.5	5.16	E(0°) E(C0)	165 35
3.0	6.19	E(0°) E(C0)	115 24

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

— C0 - C180 (Half beam angle: 91.8°)



## TECHNICAL DRAWINGS



## Ascent 150 II Square ASCENT 150 II SQ 2400 4K DALI 2059401

**Concord** 2059401

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

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 } **LED**

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**Concord** 2059401  874/2012