

## Ascent 150 II Square

### ASCENT 150 II SQ 1600 3K STD

### 2059388



#### Product features

- The ASCENT 150 II SQ 1600 3K STD is a high efficient downlight luminaire with luminous flux: 1600lm, luminaire efficacy: 113lm/W, Colour rendering index Ra >80, Colour temperature: 3000K Warm white, Average life rated at 50,000Hrs, Class II, Protection rating IP44/IK02, Cut out dimensions: 175mm, Weight: 1.7kg



#### PRODUCT OVERVIEW

IPC Code	2059388
Product name	ASCENT 150 II SQ 1600 3K STD
Technology	LED
Housing	Aluminium
Mount	Recessed
Environment	Internal
General application	Hospitality,Office,Retail
Certifications	EUNEW008
ETIM Class	EC001744
E-number FI	4237804
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	113
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Photobiological Risk Group	Exempt Group 0
Total power consumption (W)	14
Electrical protection	Class II
Control gear type	Electronic
Average life (Nominal) (h)	50000
IP rating	IP44
IK rating	IK02
Product EAN number	5025768593880
Included lamp	INTEGRATED LED

#### DATA TABLE

##### General data

IPC Code	2059388
Product name	ASCENT 150 II SQ 1600 3K STD
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	4237804

### Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	113
LOR (%)	100
Colour temperature (K)	3000
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)	14
Mains voltage (V)	220-240V~
Electrical protection	Class II
Control gear type	Electronic
Transformer required	Yes
Inrush Current (A)	45
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60/HF
Max. Luminaires per 16A C Breaker	80

### 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
Weight (kg)	1.7

## Ascent 150 II Square

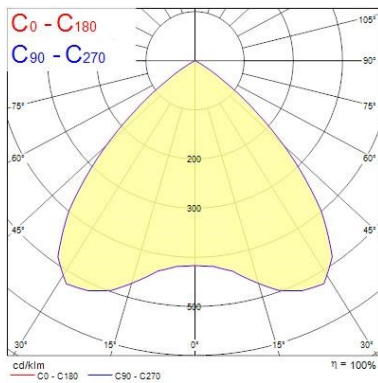
ASCENT 150 II SQ 1600 3K STD  
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Recessed Depth (mm)	158
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### Packaging

Single packaging type	Carton
Product EAN number	5025768593880
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768593880
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

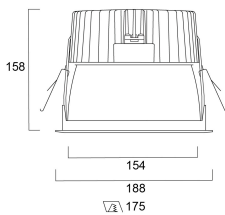
## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(CO) [lx]	Footcandle [fc]
0.5	1.03	2081	510	45.9*
1.0	2.06	617	142	45.9*
1.5	3.08	296	63	45.9*
2.0	4.11	181	38	45.9*
2.5	5.14	107	23	45.9*
3.0	6.17	74	18	45.9*


Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 91.6°)

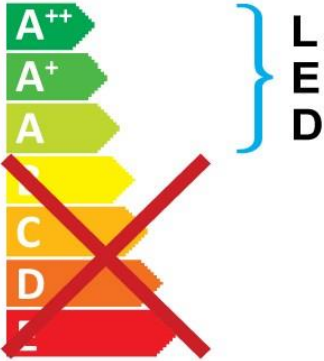
## TECHNICAL DRAWINGS




Ascent 150 II Square  
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**Concord** 2059388

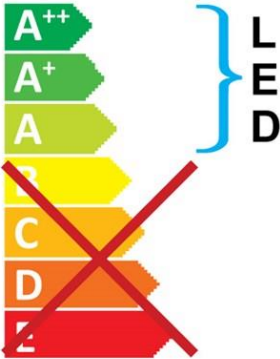
 This luminaire contains built in LED lamps.




The lamps cannot be changed in the luminaire.

874/2012 

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874/2012