

## Ascent 100 II Deco 120

ASCENT 100 II DECO 650 3K STD 120  
2060600



### Product features

- The ASCENT 100 II DECO 650 3K STD 120 is a high efficient non dimmable downlight luminaire, luminous flux: 638lm, luminaire efficacy: 128lm/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: 137mm



## PRODUCT OVERVIEW

IPC Code	2060600
Product name	ASCENT 100 II DECO 650 3K STD 120
Technology	LED
Housing	Aluminium
Mount	Recessed
General application	Hospitality, Retail, Office,
Certifications	EUNEW008
ETIM Class	EC001744
Fixture luminous flux (lm)	638
Luminaire efficacy (lm/W)	128
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	20.4
Photobiological Risk Group	Group 0
Total power consumption (W)	5
Electrical protection	Class II
Control gear type	Electronic
Control gear mounting	Remote
Dimmable	No
Minimum dimming level (%)	1
Housing colour	White - RAL9016
IP rating	IP40
IK rating	IK02
Product EAN number	5025768606009
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

### General data

IPC Code	2060600
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<b>Product name</b>	ASCENT 100 II DECO 650 3K STD 120
<b>Technology</b>	LED
<b>Housing</b>	Aluminium
<b>Mount</b>	Recessed
<b>General application</b>	Hospitality,Retail,Office,
<b>Operating temperature range (°C)</b>	0-25
<b>Certifications</b>	EUNEW008
<b>ETIM Class</b>	EC001744

### Optical data

<b>Fixture luminous flux (lm)</b>	638
<b>Luminaire efficacy (lm/W)</b>	128
<b>LOR (%)</b>	100
<b>Colour temperature (K)</b>	3000
<b>CRI (Ra)</b>	80
<b>Colour Consistency (SDCM)</b>	3
<b>Beam angle (Rated) (°)</b>	85
<b>Distribution type</b>	Direct
<b>Glare control</b>	20.4
<b>Photobiological Risk Group</b>	Group 0

### Electrical data

<b>Total power consumption (W)</b>	5
<b>Mains voltage (V)</b>	220-240V~
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	Electronic
<b>Control gear mounting</b>	Remote
<b>Dimmable</b>	No
<b>Minimum dimming level (%)</b>	1
<b>Drive current (mA)</b>	350
<b>Inrush Current (A)</b>	45
<b>Inrush Duration (µs)</b>	20
<b>Glow Wire Test (°C)</b>	650
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>Max. Luminaires per 10A C Breaker</b>	50
<b>Max. Luminaires per 16A C Breaker</b>	80

### Lifetime data

<b>Lumen maintenance - L70 B50</b>	60000
<b>Lumen maintenance - L70 B20</b>	60000
<b>Lumen maintenance - L70 B10</b>	60000
<b>Lumen maintenance - L80 B50</b>	60000
<b>Lumen maintenance - L80 B20</b>	60000
<b>Lumen maintenance - L80 B10</b>	60000
<b>Lumen maintenance - L90 B50</b>	60000
<b>Lumen maintenance - L90 B20</b>	48000
<b>Lumen maintenance - L90 B10</b>	34000

### Physical data

## Ascent 100 II Deco 120

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Housing colour	White - RAL9016
IP rating	IP40
IK rating	IK02
Diffuser finish	Opal
Diffuser material	Acrylic
Reflector finish	Deco
Nominal Product Width (mm)	150
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	120
Weight (kg)	0.715

### Packaging

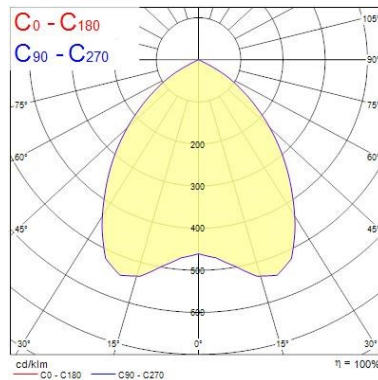
Single packaging type	Carton
Product EAN number	5025768606009
Packaging single length / height (cm)	25.0
Packaging single width (cm)	20.0
Packaging single depth (cm)	25.0
DUN14 (outer)	05025768606009
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	20.0
Packaging outer depth (cm)	25.0

## PHOTOMETRY

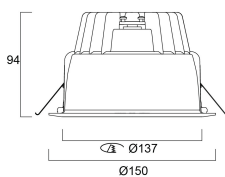
Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(15°) E(C15)	E(30°) E(C30)	E(45°) E(C45)	E(60°) E(C60)	E(75°) E(C75)	E(90°) E(C90)
0.5	0.95	1178	268					
1.0	1.89	294	67					
1.5	2.84	131	30					
2.0	3.78	73	17					
2.5	4.73	47	11					
3.0	5.67	33	7					

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

— C0 - C180 (Half beam angle: 96.8°)




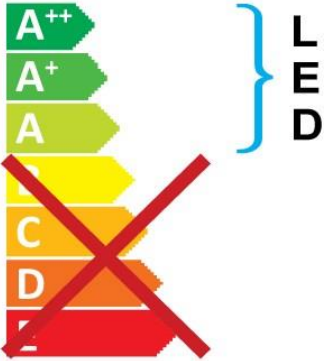
## TECHNICAL DRAWINGS




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**Concord** 2060600

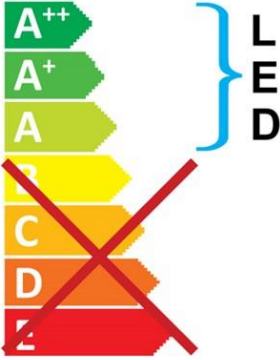
 This luminaire contains built in LED lamps.




The lamps cannot be changed in the luminaire.

874/2012 

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