

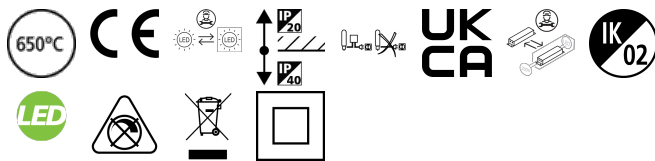
Ascent 100 II Deco 120

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, Colour rendering index Ra >80, Colour temperature: 3000K Warm White, Class II, Protection rating IP40/IP20, Cut out dimensions: 137mm



PRODUCT OVERVIEW

Product name	ASCENT 100 II DECO 650 3K STD 120
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	638
Luminaire efficacy (lm/W)	128
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	85
Glare control	< 21
Photobiological Risk Group	RG0
Total power consumption (W)	5
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768606009

DATA TABLE

General data

Product name	ASCENT 100 II DECO 650 3K STD 120
Technology	LED
Housing	Aluminium

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Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	0°C - 25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	638
Luminaire efficacy (lm/W)	128
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	85
Glare control	< 21
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	5
Mains voltage (V)	220-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class II
Control gear required	Yes
Control gear type	Electronic ballast
Control gear mounting	Remote
Transformer required	No
Dimmable	No
Drive current (mA)	100
Inrush Current (A)	5
Inrush Duration (µs)	50
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	52
Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 20A C Breaker	54
Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 16A B Breaker	50
Max. Luminaires per 20A B Breaker	63

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	87500
Lifespan L90 B10	39000

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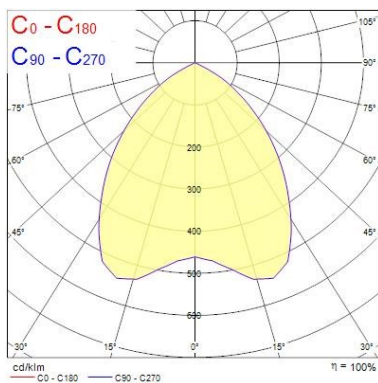
Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Nominal Product Width (mm)	150
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	120
Cutout Dimensions (W x L in mm or Diameter in mm)	137
Weight (kg)	0.715

Packaging

Single packaging type	Carton
Product EAN number	5025768606009
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (outer)	05025768606009
Units per outer package	1
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	15.0
Packaging outer depth (cm)	17.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{43.4°} [lx]
0.5	0.95	1178	288
1.0	1.89	294	57
1.5	2.84	131	32
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: 86.8°)

TECHNICAL DRAWINGS

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