

Ascent 100 II Arch 120

ASCENT 100 II ARCH 1200 3K STD EMG 120
2060521



Product features

- The ASCENT 100 II ARCH 1200 3K STD EMG 120 is a high efficient non dimmable downlight luminaire with 3 hour emergency, 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 ARCH 1200 3K STD EMG 120
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1160
Luminaire efficacy (lm/W)	97
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	85
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768605217

DATA TABLE

General data

Product name	ASCENT 100 II ARCH 1200 3K STD EMG 120
Technology	LED

Ascent 100 II Arch 120

ASCENT 100 II ARCH 1200 3K STD EMG 120

2060521

Housing	Aluminium
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)	1160
Luminaire efficacy (lm/W)	97
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	85
Glare control	< 23
Photobiological Risk Group	RG0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V
Lamp power factor	0.90
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
Dimming method	N/A
Drive current (mA)	200
Inrush Current (A)	8
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A B Breaker	38
Max. Luminaires per 16A B Breaker	60

Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
----------------	----------------------------------

Ascent 100 II Arch 120

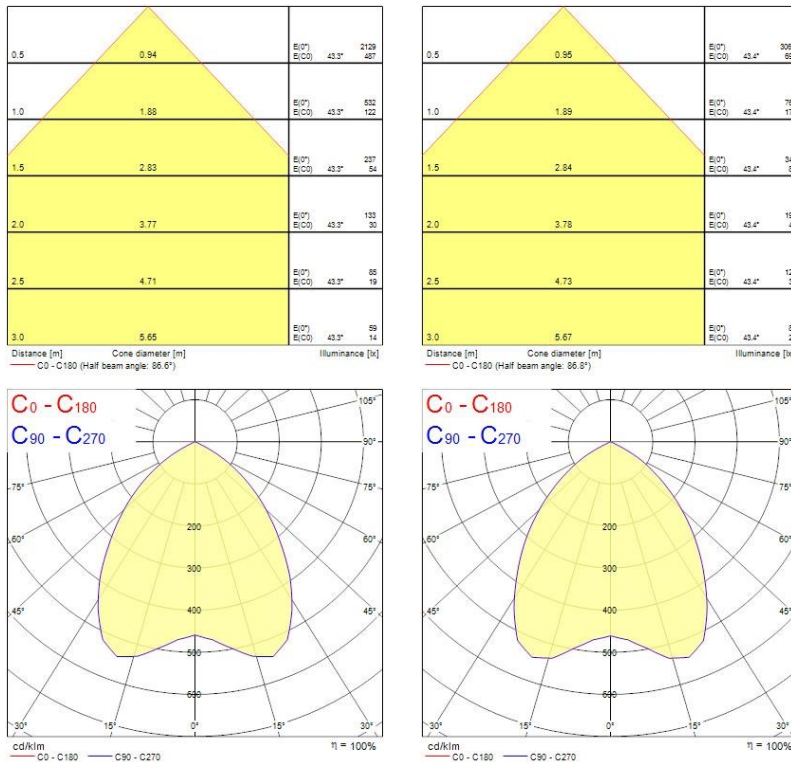
ASCENT 100 II ARCH 1200 3K STD EMG 120
2060521

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)	150
Cutout Dimensions (W x L in mm or Diameter in mm)	137
Weight (kg)	1.43

Packaging

Single packaging type	Carton
Product EAN number	5025768605217
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	12.5
DUN14 (outer)	05025768605217
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	12.5

PHOTOMETRY



Ascent 100 II Arch 120
ASCENT 100 II ARCH 1200 3K STD EMG 120
2060521

TECHNICAL DRAWINGS

