

Ascent 100 II Arch 120

ASCENT 100 II ARCH 1200 4K DALI 120
2060527



PRODUCT OVERVIEW

Product name	ASCENT 100 II ARCH 1200 4K DALI 120
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
E-number FI	4260843
Warranty	5 years
Fixture luminous flux (lm)	1228
Luminaire efficacy (lm/W)	123
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	10
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768605279

DATA TABLE

General data

Product name	ASCENT 100 II ARCH 1200 4K DALI 120
Technology	LED
Cap/Base	N/A
Housing	Aluminium

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Mount	Ceiling recessed mounting
Operating temperature range (°C)	25°C...+25°C
Performance ambient temperature Tq (°C)	25
E-number FI	4260843
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1228
Luminaire efficacy (lm/W)	123
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	10
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Drive current (mA)	200
Inrush Current (A)	5
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	50
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	87500
Lifespan L90 B10	39500

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

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Nominal Product Diameter (mm)	150
Weight (kg)	0.715

Packaging

Single packaging type	Carton
Product EAN number	5025768605279
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (outer)	05025768605279
Packaging outer length / height (cm)	17.5

Safety data

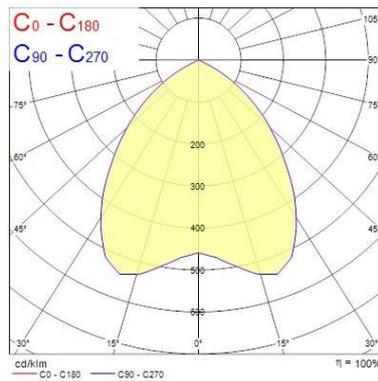
Optimal operating condition (°C)	25-25
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PHOTOMETRY

0.5	0.94	E(0°) E(C0)	43.3°	2253 516
1.0	1.88	E(0°) E(C0)	43.3°	863 129
1.5	2.83	E(0°) E(C0)	43.3°	285 87
2.0	3.77	E(0°) E(C0)	43.3°	141 32
2.5	4.71	E(0°) E(C0)	43.3°	90 21
3.0	5.65	E(0°) E(C0)	43.3°	63 14

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

— C0 - C180 (Half beam angle: 86.6°)



TECHNICAL DRAWINGS

