

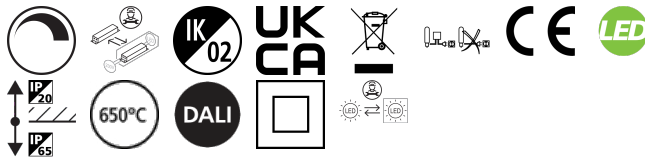
## Ascent 100 II Arch 120 IP65

ASCENT 100 II ARCH 1125 3K IP65 DALI 120  
2060694



### Product features

- The ASCENT 100 II ARCH 1125 3K DALI 120 is a high efficient DALI dimmable downlight luminaire with 3 hour emergency, Colour rendering index Ra >80, Colour temperature: 3000K Warm White, Class II, Protection rating IP65/IK02, Cut out dimensions: 137mm



### PRODUCT OVERVIEW

Product name	ASCENT 100 II ARCH 1125 3K IP65 DALI 120
Technology	LED
Cap/Base	Cable
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1125
Luminous flux (lm)	1125
Luminaire efficacy (lm/W)	113
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	85
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
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP65/20
IK rating	IK02
Product EAN number	5025768606948

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### DATA TABLE

#### General data

Product name	ASCENT 100 II ARCH 1125 3K IP65 DALI 120
Technology	LED
Cap/Base	Cable
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)	1125
Luminous flux (lm)	1125
Luminaire efficacy (lm/W)	113
LOR (%)	100
Colour temperature (K)	3000
Correlated colour temperature range (K)	3000 - 3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	85
Glare control	< 23
Photobiological Risk Group	RG0

#### Electrical data

Total power consumption (W)	10
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class II
Control gear required	Yes
Control gear type	Electronic ballast
Control gear mounting	Remote
Transformer required	No
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	200
Drive current - Range (mA)	200mA / 200mA
Inrush Current (A)	5
Inrush Duration (µs)	20
Glow Wire Test (°C)	650

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Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	50
Max. Luminaires per 16A C Breaker	80
Max. Luminaires per 10A B Breaker	82
Max. Luminaires per 16A B Breaker	130

### Lifetime data

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

### Physical data

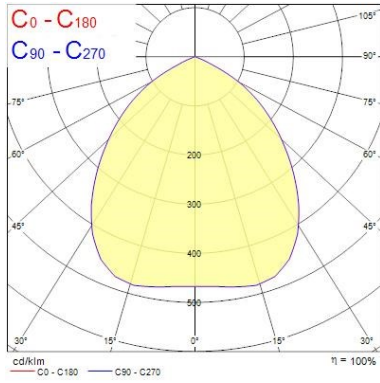
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP65/20
IK rating	IK02
Diffuser finish	Transparent
Diffuser material	Glass
Reflector finish	High-gloss
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	150
Cutout Dimensions (W x L in mm or Diameter in mm)	137
Weight (kg)	0.715

### Packaging

Single packaging type	Carton
Product EAN number	5025768606948
Packaging single length / height (cm)	17.5
Packaging single width (cm)	15.0
Packaging single depth (cm)	17.5
DUN14 (outer)	05025768606948
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

## Ascent 100 II Arch 120 IP65 *ASCENT 100 II ARCH 1125 3K IP65 DALI 120* 2060694



0.5	1.05	E(0°) E(C0)	45.8°	2100 354
1.0	2.11	E(0°) E(C0)	45.8°	525 86
1.5	3.16	E(0°) E(C0)	45.8°	234 39
2.0	4.22	E(0°) E(C0)	45.8°	131 22
2.5	5.27	E(0°) E(C0)	45.8°	84 14
3.0	6.32	E(0°) E(C0)	45.8°	58 10

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 C0 - C180 (Half beam angle: 93.0°)

### TECHNICAL DRAWINGS

