

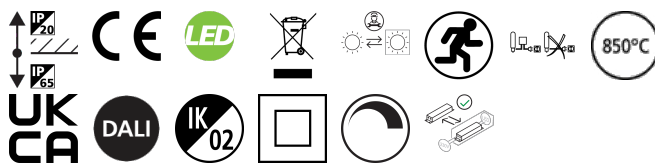
Ascent 100 II Arch 160 IP65

ASCENT 100 II ARCH 1775 3K IP65 DALI EMG 160
2060665



Product features

- The ASCENT 100 II ARCH 1775 3K IP65 DALI EMG 160 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: 178mm.



PRODUCT OVERVIEW

Product name	ASCENT 100 II ARCH 1775 3K IP65 DALI EMG 160
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)	1775
Luminous flux (lm)	1775
Luminaire efficacy (lm/W)	93
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	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	19
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Remote
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP65/20
IK rating	IK02
Product EAN number	5025768606658
Dimming method	DALI, Switch-dim (mains-rated)

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DATA TABLE

General data

Product name	ASCENT 100 II ARCH 1775 3K IP65 DALI EMG 160
Technology	LED
Cap/Base	Cable
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	25°C - 25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1775
Luminous flux (lm)	1775
Luminaire efficacy (lm/W)	93
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
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	19
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
Minimum dimming level (%)	1
Drive current (mA)	700
Drive current - Range (mA)	700mA / 700mA
Inrush Current (A)	45
Inrush Duration (µs)	20

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Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
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	39000

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)	160
Cutout Dimensions (W x L in mm or Diameter in mm)	178
Weight (kg)	1.92

Packaging

Single packaging type	Carton
Product EAN number	5025768606658
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	12.5
DUN14 (outer)	05025768606658
Units per outer package	1
Packaging outer length / height (cm)	30.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	12.5

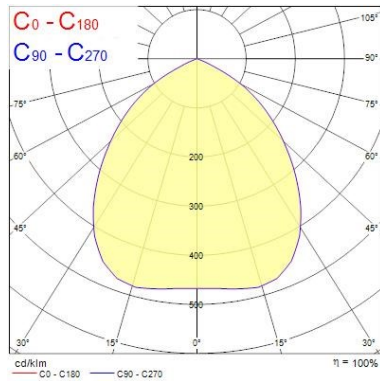
Safety data

Optimal operating condition (°C)	25-25
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.05	93.0°	3319
1.0	2.11	93.0°	830
1.5	3.16	93.0°	369
2.0	4.22	93.0°	207
2.5	5.27	93.0°	133
3.0	6.32	93.0°	92

TECHNICAL DRAWINGS

