

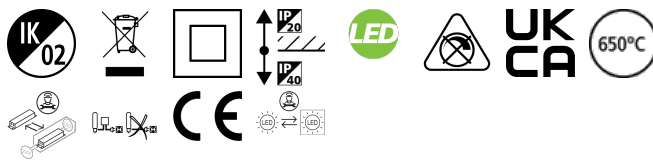
Ascent 100 II Deco 160

ASCENT 100 II DECO 1900 4K STD EMG 160
2060646



Product features

- The ASCENT 100 II DECO 1900 4K STD EMG 160 is a high efficient non dimmable downlight luminaire with 3 hour emergency, Colour rendering index Ra >80, Colour temperature: 4000K Neutral White, Class II, Protection rating IP40/IP20, Cut out dimensions: 178mm



PRODUCT OVERVIEW

Product name	ASCENT 100 II DECO 1900 4K STD EMG 160
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	1921
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
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	No
Dimming method	N/A
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Product EAN number	5025768606467

DATA TABLE

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General data

Product name	ASCENT 100 II DECO 1900 4K STD EMG 160
Technology	LED
Cap/Base	N/A
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)	1921
Luminaire efficacy (lm/W)	101
LOR (%)	100
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG0

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	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	14.5
Inrush Duration (µs)	114
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 13A C Breaker	67
Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 20A C Breaker	104

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Max. Luminaires per 10A B Breaker	32
Max. Luminaires per 13A B Breaker	41
Max. Luminaires per 16A B Breaker	50
Max. Luminaires per 20A B Breaker	62

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	580000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PMMA Acrylic
Reflector finish	High-gloss
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	189
Cutout Dimensions (W x L in mm or Diameter in mm)	178
Weight (kg)	1.92

Packaging

Single packaging type	Carton
Product EAN number	5025768606467
Packaging single length / height (cm)	30.0
Packaging single width (cm)	30.0
Packaging single depth (cm)	12.5
DUN14 (outer)	05025768606467
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

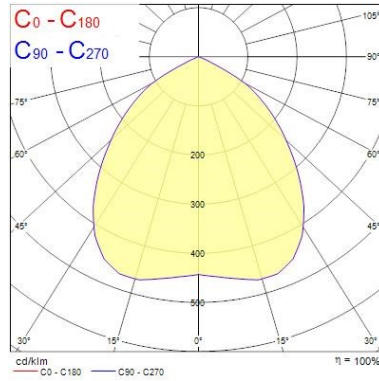
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0.5	1.08	E(0°) E(C0)	47.3°	3425 568
1.0	2.17	E(0°) E(C0)	47.3°	851 141
1.5	3.25	E(0°) E(C0)	47.3°	373 63
2.0	4.33	E(0°) E(C0)	47.3°	213 36
2.5	5.42	E(0°) E(C0)	47.3°	136 23
3.0	6.50	E(0°) E(C0)	47.3°	96 16

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

— C0 - C180 (Half beam angle: 94.6°)



TECHNICAL DRAWINGS

