

INSAVER SLIM 165 SURFACE MOUNTED

Insaver Slim UGR19 165 1050lm 830 Surface

0030316



Product features

- Insaver Slim is a surface mounted LED downlight, Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 9W; 1050lm; 117lm/W; 3000K; UGR <19 with height of 95 mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 165 1050lm 830 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4275973
Warranty	5 years
Fixture luminous flux (lm)	1050
Luminaire efficacy (lm/W)	117
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	62
Beam Angle (°)	NA
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Product EAN number	5410288303161

DATA TABLE

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General data

Product name	Insaver Slim UGR19 165 1050lm 830 Surface
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature T _a (°C)	40
ETIM Class	EC001744
E-number FI	4275973
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1050
Luminaire efficacy (lm/W)	117
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	62
Beam Angle (°)	NA
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	290
Inrush Current (A)	7.48
Inrush Duration (µs)	160
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	56
Max. Luminaires per 13A C Breaker	70
Max. Luminaires per 16A C Breaker	88

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Max. Luminaires per 20A C Breaker	110
Max. Luminaires per 10A B Breaker	33
Max. Luminaires per 13A B Breaker	42
Max. Luminaires per 16A B Breaker	52
Max. Luminaires per 20A B Breaker	66

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B10	39000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Length (mm)	164
Nominal Product Width (mm)	164
Nominal Product Height (mm)	94
Nominal Product Diameter (mm)	164
Weight (kg)	0.694

Packaging

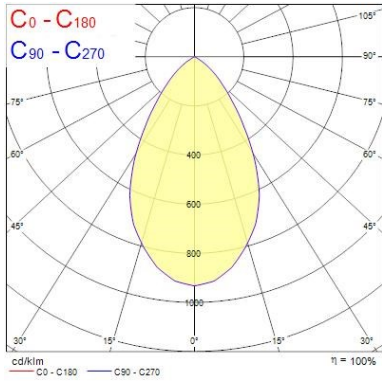
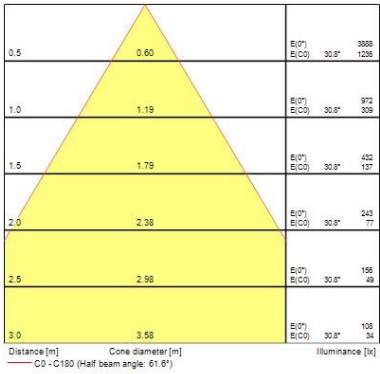
Single packaging type	Carton
Product EAN number	5410288303161
Packaging single length / height (cm)	16.5
Packaging single width (cm)	16.5
Packaging single depth (cm)	10.3
DUN14 (outer)	15410288303168
Units per outer package	12
Packaging outer length / height (cm)	34.0
Packaging outer width (cm)	34.0
Packaging outer depth (cm)	32.5

Safety data

Optimal operating condition (°C)	-10-40
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PHOTOMETRY

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TECHNICAL DRAWINGS

