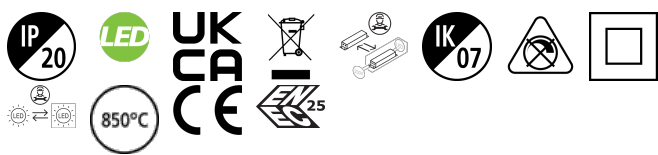


INSAVER SLIM 220 SURFACE MOUNTED
Insaver Slim UGR19 220 2350lm 830 Surface Mounted
0030516



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, 20W; 2350lm; 118lm/W; 3000K; UGR <19 with height of 95 mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 220 2350lm 830 Surface Mounted
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4278545
Warranty	5 years
Fixture luminous flux (lm)	2350
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	20
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	5410288305165

DATA TABLE

General data	
Product name	Insaver Slim UGR19 220 2350lm 830 Surface Mounted

INSAVER SLIM 220 SURFACE MOUNTED

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Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-20°C...+40°C
ETIM Class	EC001744
E-number FI	4278545
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2350
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	70
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	20
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	101
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 16A C Breaker	57
Max. Luminaires per 16A B Breaker	45

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B10	39000

INSAVER SLIM 220 SURFACE MOUNTED

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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 Height (mm)	95
Nominal Product Diameter (mm)	220
Cutout Dimensions (W x L in mm or Diameter in mm)	N/A
Weight (kg)	1.65

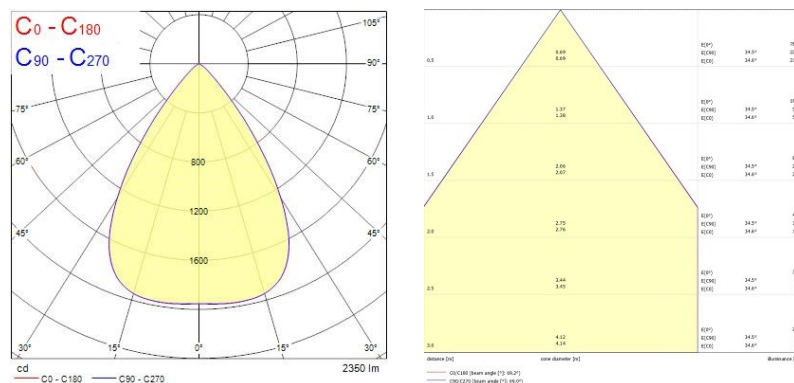
Packaging

Single packaging type	Carton
Product EAN number	5410288305165
Packaging single length / height (cm)	22.6
Packaging single width (cm)	22.6
Packaging single depth (cm)	10.3
DUN14 (outer)	15410288305162
Units per outer package	8
Packaging outer length / height (cm)	45.5
Packaging outer width (cm)	23.5
Packaging outer depth (cm)	43.0

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



TECHNICAL DRAWINGS

INSAVER SLIM 220 SURFACE MOUNTED

Insaver Slim UGR19 220 2350lm 830 Surface Mounted

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