

INSAVER SLIM 205
Insaver Slim UGR19 205 IP44 2300lm 830
0030304



Product features

- Insaver Slim is a ceiling recessed LED downlight (IP44 from the front), Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 20W; 2300lm; 115lm/W; 3000K; UGR <19 with shallow product depth 60mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 205 IP44 2300lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276918
Warranty	5 years
Fixture luminous flux (lm)	2300
Luminaire efficacy (lm/W)	115
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
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	IP44/20
IK rating	IK07
Product EAN number	5410288303048

DATA TABLE

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General data

Product name	Insaver Slim UGR19 205 IP44 2300lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed 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	4276918
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2300
Luminaire efficacy (lm/W)	115
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
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
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	17.2
Inrush Duration (µs)	200
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	20

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Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	32
Max. Luminaires per 20A C Breaker	40
Max. Luminaires per 10A B Breaker	12
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	19
Max. Luminaires per 20A B Breaker	24

Lifetime data

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

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Silver
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	220
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.73
Recessed Depth (mm)	150

Packaging

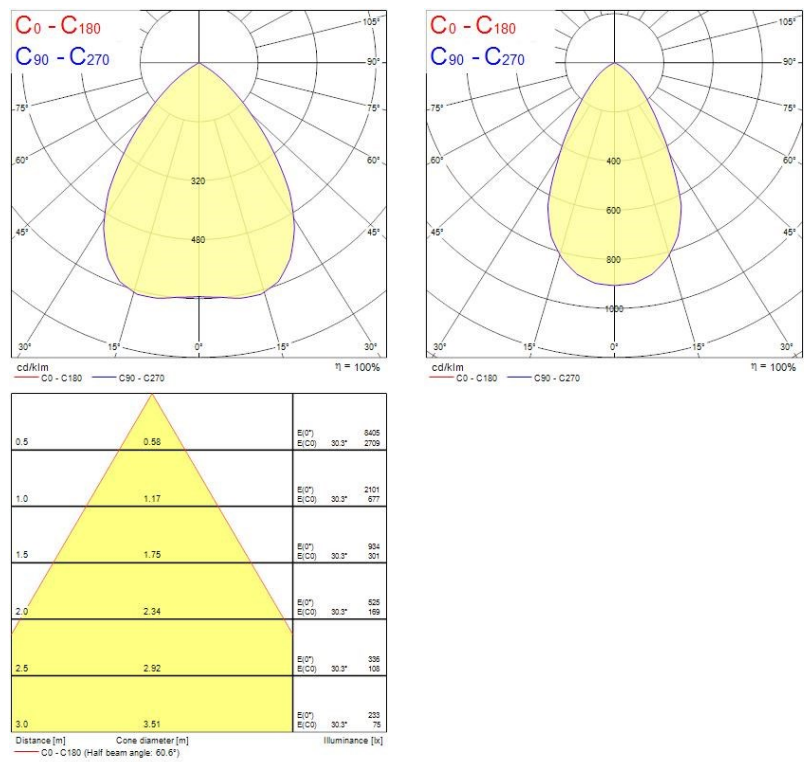
Single packaging type	Carton
Product EAN number	5410288303048
Packaging single length / height (cm)	23.2
Packaging single width (cm)	23.2
Packaging single depth (cm)	8.0
DUN14 (outer)	15410288303045
Units per outer package	12
Packaging outer length / height (cm)	48.0
Packaging outer width (cm)	48.0
Packaging outer depth (cm)	26.0

Safety data

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

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TECHNICAL DRAWINGS

