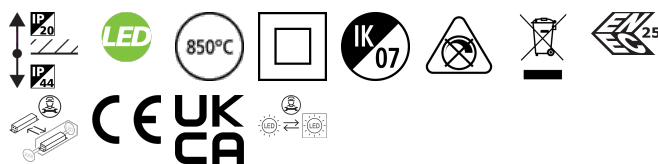


INSAVER SLIM SQUARE 200
Insaver Slim Square UGR19 200 IP44 2250lm 830
0030314



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; 2250lm; 113lm/W; 3000K; UGR <19 with shallow product depth 65mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim Square UGR19 200 IP44 2250lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276929
Warranty	5 years
Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	113
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	57
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	5410288303147

DATA TABLE

INSAVER SLIM SQUARE 200

Insaver Slim Square UGR19 200 IP44 2250lm 830

0030314

General data

Product name	Insaver Slim Square UGR19 200 IP44 2250lm 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	4276929
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2250
Luminaire efficacy (lm/W)	113
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	57
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 type	LED driver constant current
No. Of switching cycles before premature failures	>100000
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
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	32

INSAVER SLIM SQUARE 200

Insaver Slim Square UGR19 200 IP44 2250lm 830

0030314

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 Length (mm)	217
Nominal Product Width (mm)	217
Nominal Product Height (mm)	60
Cutout Dimensions (W x L in mm or Diameter in mm)	200
Weight (kg)	0.8
Recessed Depth (mm)	150

Packaging

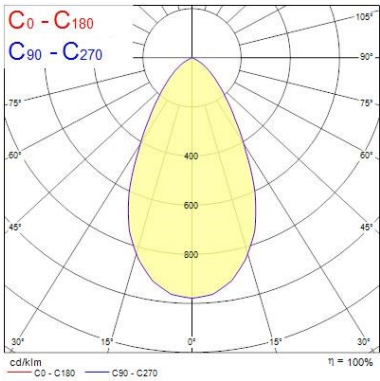
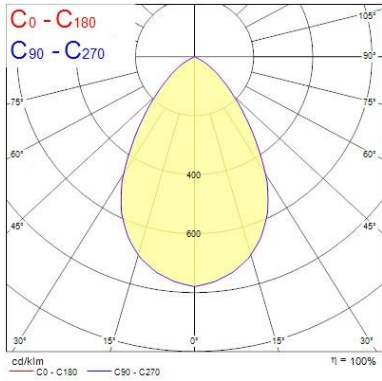
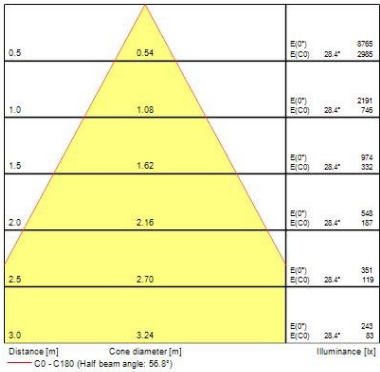
Single packaging type	Carton
Product EAN number	5410288303147
Packaging single length / height (cm)	25.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	8.0
DUN14 (outer)	15410288303144
Units per outer package	12
Packaging outer length / height (cm)	51.5
Packaging outer width (cm)	51.5
Packaging outer depth (cm)	26.0

Safety data

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

PHOTOMETRY

INSAVER SLIM SQUARE 200
Insaver Slim Square UGR19 200 IP44 2250lm 830
0030314



TECHNICAL DRAWINGS

