

INSAVER SLIM 150

Insaver Slim UGR19 150 IP44 1050lm 830

0030300

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, 9W; 1050lm; 117lm/W; 3000K; UGR <19 with shallow product depth 50mm.



PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 150 IP44 1050lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276913
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
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303000
Dimming method	N/A

DATA TABLE

INSAVER SLIM 150

Insaver Slim UGR19 150 IP44 1050lm 830

0030300

General data

Product name	Insaver Slim UGR19 150 IP44 1050lm 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 Tq (°C)	40
ETIM Class	EC001744
E-number FI	4276913
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 required	Yes
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	No
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

INSAVER SLIM 150

Insaver Slim UGR19 150 IP44 1050lm 830

0030300

Max. Luminaires per 16A C Breaker	88
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	IP44/20
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)	50
Nominal Product Diameter (mm)	164
Cutout Dimensions (W x L in mm or Diameter in mm)	150
Weight (kg)	0.45
Recessed Depth (mm)	150

Packaging

Single packaging type	Carton
Product EAN number	5410288303000
Packaging single length / height (cm)	17.8
Packaging single width (cm)	17.8
Packaging single depth (cm)	7.0
DUN14 (outer)	15410288303007
Units per outer package	20
Packaging outer length / height (cm)	37.0
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	37.0

Safety data

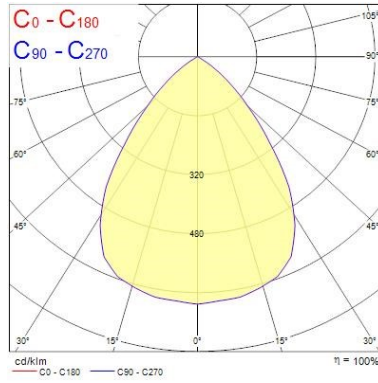
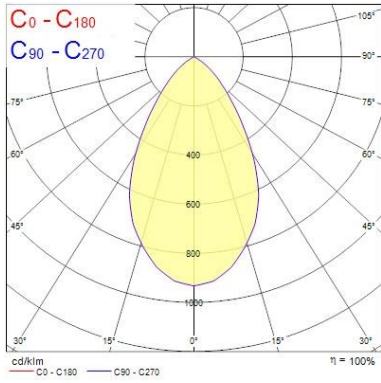
Optimal operating condition (°C)	-10-40
----------------------------------	--------

PHOTOMETRY

INSAVER SLIM 150

Insaver Slim UGR19 150 IP44 1050lm 830

0030300



0.5	0.60	E(0°) E(C0)	3588 1236
1.0	1.19	E(0°) E(C0)	972 309
1.5	1.79	E(0°) E(C0)	432 137
2.0	2.38	E(0°) E(C0)	243 77
2.5	2.98	E(0°) E(C0)	156 49
3.0	3.58	E(0°) E(C0)	106 34

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 61.6°)

TECHNICAL DRAWINGS

