



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. Meets TP(a) requirements.

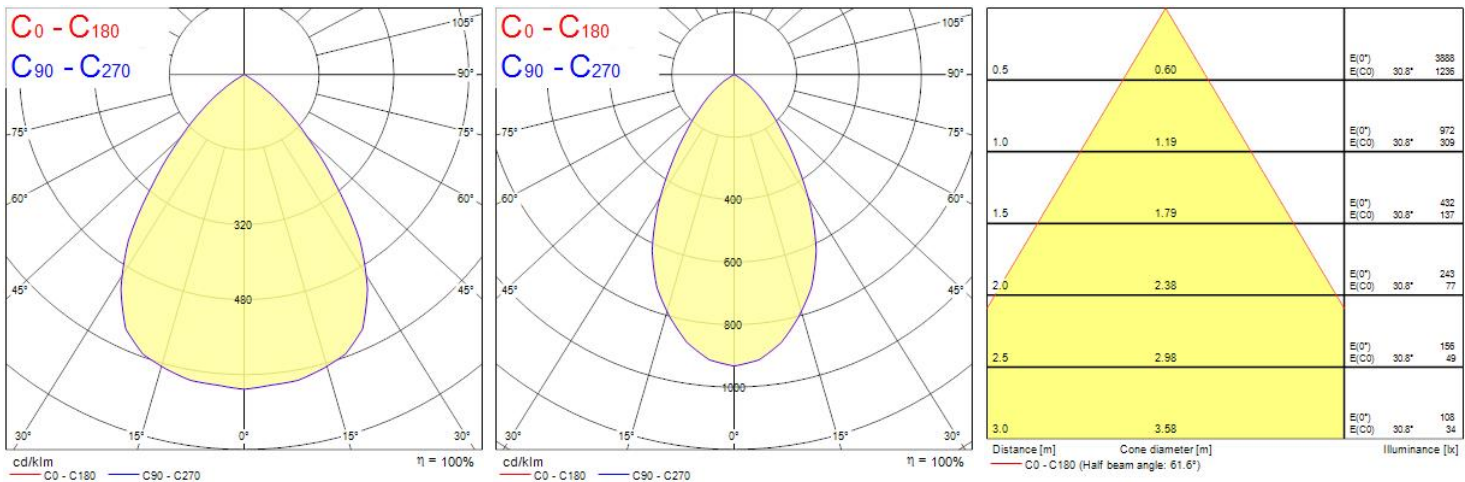
Product Overview

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
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)	3
Beam Angle (°)	62
Beam Angle (°)	NA
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class II

Insaver Slim UGR19 150 IP44 1050lm 830
0030300

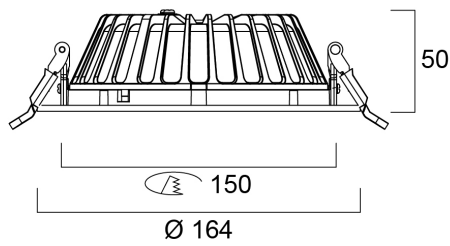
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303000
Warranty	5 years
Dimming method	N/A

Photometry



Insaver Slim UGR19 150 IP44 1050lm 830
0030300

Technical drawings



Data table

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

Insaver Slim UGR19 150 IP44 1050lm 830 0030300

Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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
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

Insaver Slim UGR19 150 IP44 1050lm 830 0030300

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 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



Insaver Slim UGR19 150 IP44 1050lm 830
0030300

Packaging outer width (cm)	37.0
Packaging outer depth (cm)	37.0

SAFETY DATA

Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No