



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.

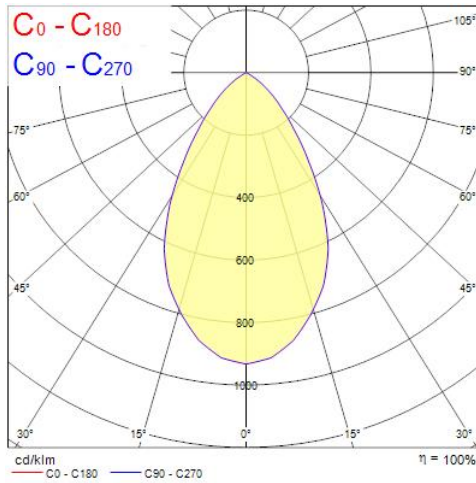
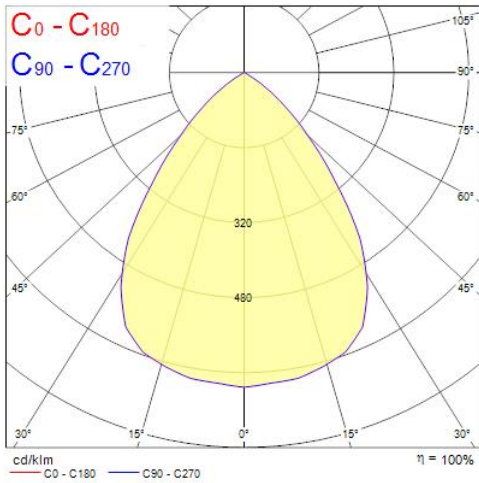
Product Overview

Product name	Insaver Slim UGR19 150 IP44 1050lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
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 (°)	NA
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class II
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white

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IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303000
Warranty	5 years

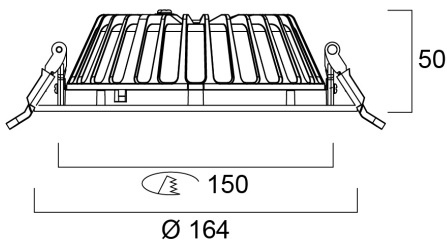
Photometry



Distance [m]	Cone diameter [m]	E _v (0°) E _v (C0)	30.8°	Illuminance [lx]
0.5	0.60	3888	1236	
1.0	1.19	972	309	
1.5	1.79	432	137	
2.0	2.38	243	77	
2.5	2.98	156	49	
3.0	3.58	108	34	

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

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
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
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)	3
Beam Angle (°)	NA
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	9
Lamp power factor	0.9
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	290
Inrush Current (A)	7.48

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Inrush Duration (μ s)	160
Glow Wire Test ($^{\circ}$ 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. products per 10A C Breaker	56
Max. products per 20A B Breaker	66
Connectable conductor cross section - Min (mm ²)	0.5
Connectable conductor cross section - Max (mm ²)	1.5

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
Nominal Product Diameter (mm)	164
Weight (kg)	0.45
Recessed Depth (mm)	150

PACKAGING

Single packaging type	Carton
Product EAN number	5410288303000
Packaging single width (cm)	17.8
Packaging single depth (cm)	7.0
DUN14 (outer)	15410288303007

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Packaging outer length / height (cm)	37.0
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SAFETY DATA

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