

INSAVER SLIM 175 PIR

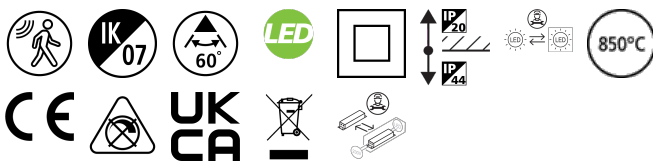
Insaver Slim UGR19 175 IP44 PIR 1075lm 840

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Product features

- Insaver Slim is a ceiling recessed LED downlight (IP44 from the front), with integrated PIR sensor with time (up to 8 mins) and daylight lux level settings. Die-cast aluminium body, loop in loop out connector for quick installation, Non dimmable LED driver, 9W; 1075lm; 119lm/W; 4000K; UGR <19 with shallow product depth 50mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim UGR19 175 IP44 PIR 1075lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276932
Warranty	5 years
Fixture luminous flux (lm)	1075
Luminaire efficacy (lm/W)	119
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
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	5410288303215

DATA TABLE

General data

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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	4276932
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1075
Luminaire efficacy (lm/W)	119
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
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. products per 10A C Breaker	56
Max. products per 13A C Breaker	70
Max. products per 16A C Breaker	88
Max. products per 20A C Breaker	110
Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	42
Max. products per 16A B Breaker	52
Max. products per 20A B Breaker	66

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0030321

Connectable conductor cross section - Min (mm ²)	0.26
Connectable conductor cross section - Max (mm ²)	1.26

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)	195
Cutout Dimensions (W x L in mm or Diameter in mm)	175
Weight (kg)	0.913
Recessed Depth (mm)	150

Packaging

Single packaging type	Carton
Product EAN number	5410288303215
Packaging single length / height (cm)	25.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288303212
Units per outer package	12
Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	27.5

Safety data

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

INSAVER SLIM 175 PIR

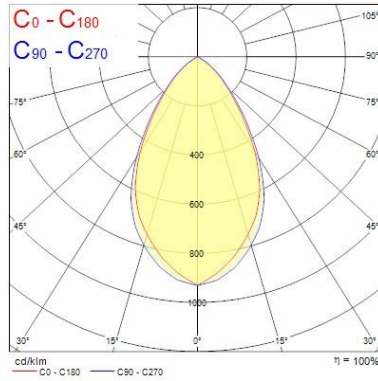
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0.5	0.68 0.70	E(0°) E(C90) E(C0)	9576 1958 1548
1.0	1.36 1.40	E(0°) E(C90) E(C0)	1394 342° 397° 357°
1.5	2.04 2.10	E(0°) E(C90) E(C0)	520 179° 172°
2.0	2.72 2.80	E(0°) E(C90) E(C0)	348 99° 91°
2.5	3.40 3.50	E(0°) E(C90) E(C0)	223 64° 62°
3.0	4.08 4.20	E(0°) E(C90) E(C0)	156 44° 43°

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 70.0°)
— C90 - C270 (Half beam angle: 66.4°)



TECHNICAL DRAWINGS

