

INSAVER SLIM 150

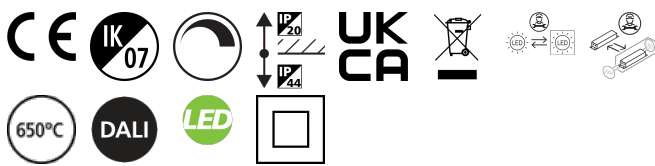
Insaver Slim 150 IP44 DALI 1150lm 840

0030349

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, Dimmable DALI driver of TRIDONIC (LCA 17W 250-700mA one4all SR PRE 28000670), 9W; 1150lm; 128lm/W; 4000K; UGR <19 with shallow product depth 50mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim 150 IP44 DALI 1150lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4278071
Warranty	5 years
Fixture luminous flux (lm)	1150
Luminaire efficacy (lm/W)	128
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral 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	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303499

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DATA TABLE

General data

Product name	Insaver Slim 150 IP44 DALI 1150lm 840
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	4278071
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1150
Luminaire efficacy (lm/W)	128
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral 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	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	290
Inrush Current (A)	18
Inrush Duration (µs)	140
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

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Max. Luminaires per 10A C Breaker	36
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	76
Max. Luminaires per 10A B Breaker	22
Max. Luminaires per 13A B Breaker	30
Max. Luminaires per 16A B Breaker	36
Max. Luminaires per 20A B Breaker	46

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	5410288303499
Packaging single length / height (cm)	17.8
Packaging single width (cm)	17.8
Packaging single depth (cm)	7.0
DUN14 (outer)	15410288303496
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

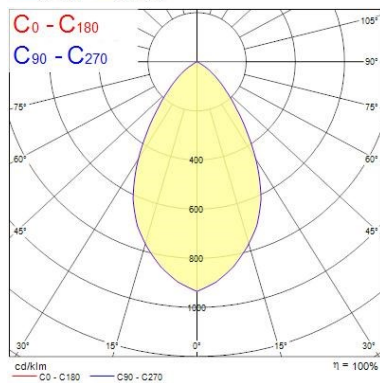
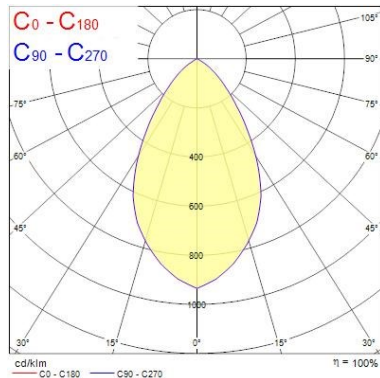
Optimal operating condition (°C)	-10-40
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	S_{CO_2} [E(CO)]	S_{CO} [E(CO)]	Illuminance [lx]
0.5	0.60	S_{CO_2} [E(CO)]	30.9°	166 52
1.0	1.20	S_{CO_2} [E(CO)]	30.9°	41 12
1.5	1.80	S_{CO_2} [E(CO)]	30.9°	18 5
2.0	2.39	S_{CO_2} [E(CO)]	30.9°	10 3
2.5	2.99	S_{CO_2} [E(CO)]	30.9°	6 2
3.0	3.59	S_{CO_2} [E(CO)]	30.9°	4 1

Distance [m]	Cone diameter [m]	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	Illuminance [lx]
0.5	0.60	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	430 136
1.0	1.20	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	107 34
1.5	1.80	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	47 15
2.0	2.39	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	26 8
2.5	2.99	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	17 5
3.0	3.59	$\frac{E(0^{\circ})}{E(CO)}$	30.9°	11 3

TECHNICAL DRAWINGS

