

INSAVER SLIM 225

Insaver Slim 225 IP44 DALI 4850lm 830

0030358



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 (Driver LC 45W 450-1050mA 54V o4a NF SR EXC3 875000923), 41W; 4850lm; 118lm/W; 3000K; UGR <22 with shallow product depth 65mm. Meets TP(a) requirements.



PRODUCT OVERVIEW

Product name	Insaver Slim 225 IP44 DALI 4850lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4278081
Warranty	5 years
Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	59
Beam Angle (°)	NA
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	41
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	5410288303581

INSAVER SLIM 225

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0030358

DATA TABLE

General data

Product name	Insaver Slim 225 IP44 DALI 4850lm 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 T _q (°C)	40
ETIM Class	EC001744
E-number FI	4278081
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	59
Beam Angle (°)	NA
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	41
Mains voltage (V)	220-240V
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	5
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	750
Inrush Current (A)	28
Inrush Duration (µs)	195
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

INSAVER SLIM 225

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0030358

Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	46
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	18
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	28

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)	240
Nominal Product Width (mm)	240
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	240
Cutout Dimensions (W x L in mm or Diameter in mm)	225
Weight (kg)	0.83
Recessed Depth (mm)	150

Packaging

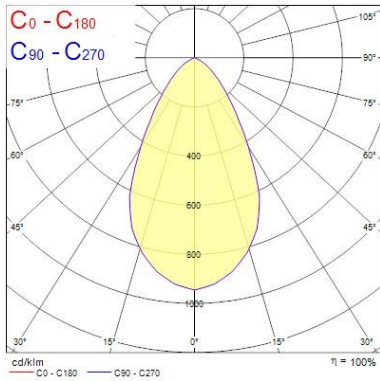
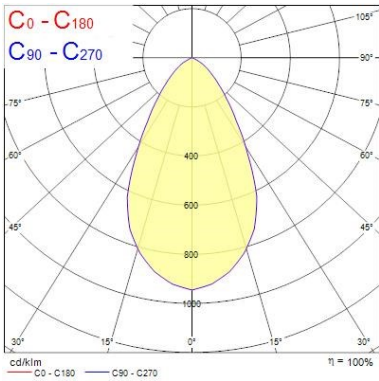
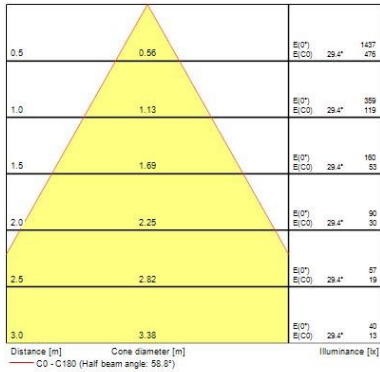
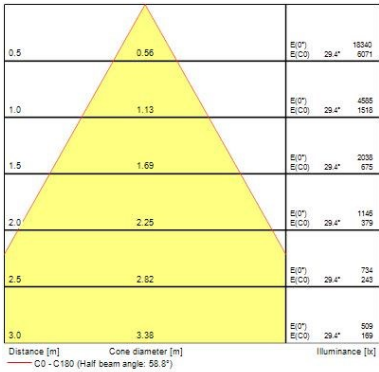
Single packaging type	Carton
Product EAN number	5410288303581
Packaging single length / height (cm)	25.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288303588
Units per outer package	12
Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	27.5

Safety data

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

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TECHNICAL DRAWINGS

