

Insaver Slim IP44 DALI 225 4800lm 830 0030540



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; 4800lm; 117lm/W; 3000K; UGR <22 with shallow product depth 65mm. Meets TP(a) requirements.

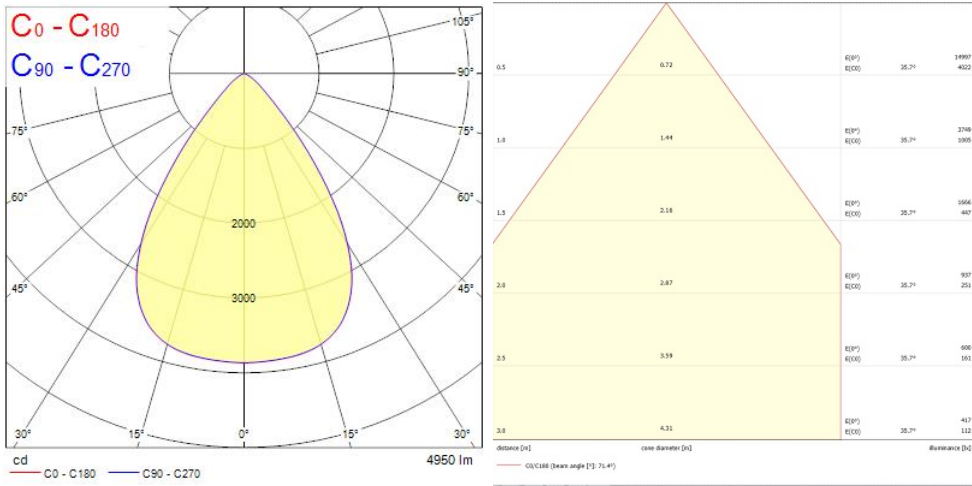
Product Overview

Product name	Insaver Slim IP44 DALI 225 4800lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4278536
Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	117
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	70
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

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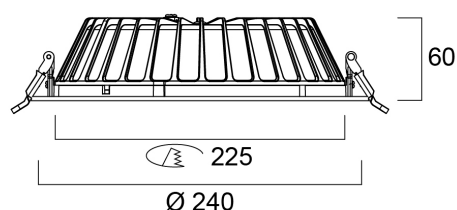
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288305400
Warranty	5 years
Colour Code	830
Dimming method	DALI

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	Insaver Slim IP44 DALI 225 4800lm 830
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278536
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	117

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Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	70
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) $\leq$ xx.x %	5
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	1050
Inrush Current (A)	28
Inrush Duration (µs)	195
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	21
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	46

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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	100000
Lifespan L70 B20	90000
Lifespan L70 B10	90000
Lifespan L80 B50	90000
Lifespan L80 B20	88000
Lifespan L80 B10	80000
Lifespan L90 B50	49000
Lifespan L90 B20	42000
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)	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	5410288305400
Packaging single length / height (cm)	25.5

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Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288305407
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)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No