

## INSAVER SLIM 225

*Insaver Slim 225 IP44 4950lm 840*

0030311

### 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, Non dimmable LED driver, 40W; 4950lm; 124lm/W; 4000K; UGR <22 with shallow product depth 65mm. Meets TP(a) requirements.



### PRODUCT OVERVIEW

Product name	Insaver Slim 225 IP44 4950lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality, Office, Retail
ETIM Class	EC001744
E-number FI	4276925
Warranty	5 years
Fixture luminous flux (lm)	4950
Luminaire efficacy (lm/W)	124
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	40
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303116

### DATA TABLE

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### General data

Product name	Insaver Slim 225 IP44 4950lm 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 Tq (°C)	40
ETIM Class	EC001744
E-number FI	4276925
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4950
Luminaire efficacy (lm/W)	124
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	60
Beam Angle (°)	NA
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	40
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	750
Inrush Current (A)	5.36
Inrush Duration (µs)	60
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	28
Max. products per 13A C Breaker	36
Max. products per 16A C Breaker	44
Max. products per 20A C Breaker	56

## INSAVER SLIM 225

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0030311

Max. products per 10A B Breaker	16
Max. products per 13A B Breaker	21
Max. products per 16A B Breaker	26
Max. products per 20A B Breaker	33
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.16
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.16

### 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)	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	5410288303116
Packaging single length / height (cm)	25.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288303113
Units per outer package	12
Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	27.5

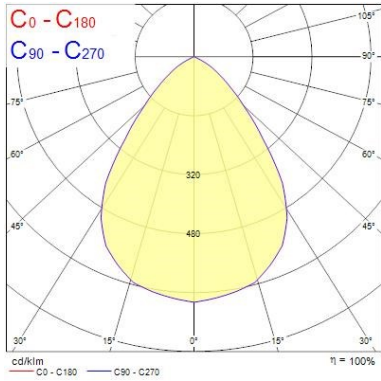
### Safety data

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

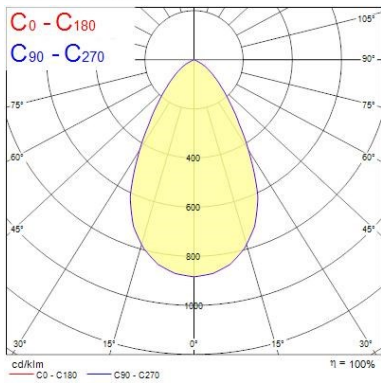
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0.5	0.59	E(0°) E(C0)	30.6°	17388 6556
1.0	1.18	E(0°) E(C0)	30.6°	4347 1359
1.5	1.77	E(0°) E(C0)	30.6°	1932 617
2.0	2.37	E(0°) E(C0)	30.6°	1087 347
2.5	2.96	E(0°) E(C0)	30.6°	696 222
3.0	3.55	E(0°) E(C0)	30.6°	493 154

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 61.2°)



## TECHNICAL DRAWINGS

