



Features

- Insaver Slim is a ceiling recessed LED downlight (IP54 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.

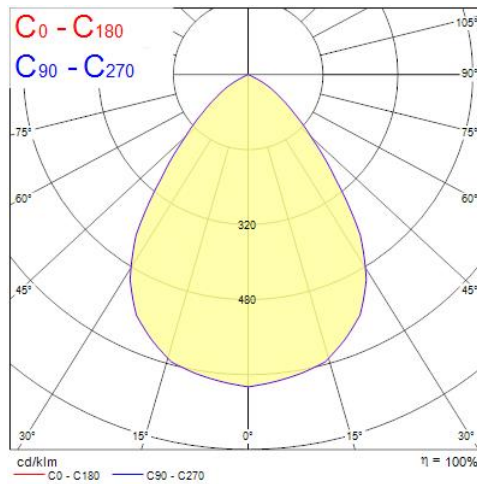
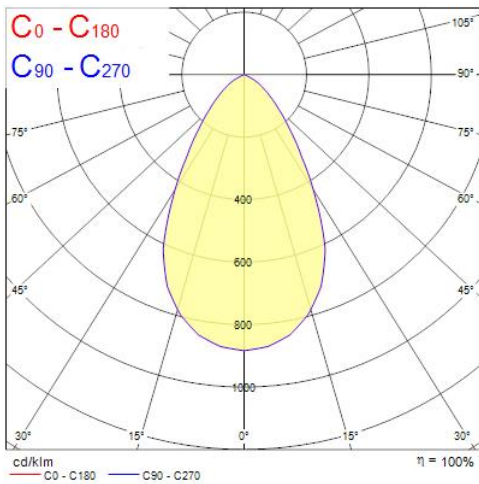
Product Overview

Product name	Insaver Slim 225 IP54 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
Fixture luminous flux (lm)	4950
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Beam Angle (°)	NA
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	40
Electrical protection	Class II

Insaver Slim 225 IP54 4950lm 840 0030311

Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK07
Product EAN number	5410288303116
Warranty	5 years
Dimming method	N/A

Photometry

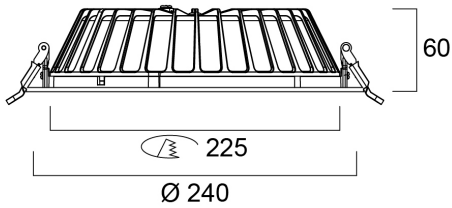


Distance [m]	Cone diameter [m]	$E(0^\circ)$	$E(C0)$	$E(C90)$
0.5	0.59	17388	30.6°	6596
1.0	1.18	4347	30.6°	1329
1.5	1.77	1902	30.6°	617
2.0	2.37	1037	30.6°	347
2.5	2.96	696	30.6°	222
3.0	3.55	493	30.6°	154

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

— C0 - C180 (Half beam angle: 61.2°)

Technical drawings



Data table

GENERAL DATA

Product name	Insaver Slim 225 IP54 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

Insaver Slim 225 IP54 4950lm 840 0030311

Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	60
Beam Angle (°)	NA
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	40
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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 required	No
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
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 IP54 4950lm 840 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 ²)	0.16
Connectable conductor cross section - Max (mm ²)	1.16

LIFETIME DATA

Lifespan L70 B50	90000
Lifespan L80 B20	90000
Lifespan L90 B10	39000

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	60
Nominal Product Diameter (mm)	240
Built-in diameter (mm)	225
Weight (kg)	0.83
Recessed Depth (mm)	150

PACKAGING

Product EAN number	5410288303116
Packaging single length / height (cm)	25.5
Packaging single width (cm)	25.5
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288303113
Units per outer package	12

Insaver Slim 225 IP54 4950lm 840 0030311

Packaging outer length / height (cm)	52.5
Packaging outer width (cm)	52.5
Packaging outer depth (cm)	27.5

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No