

Insaver Slim 225 IP54 4950lm 840

Item No: 0030311

SYLVANIA

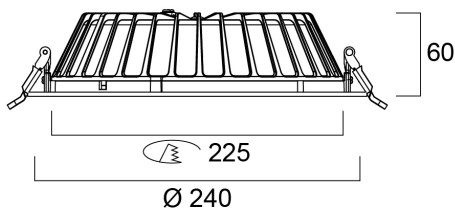
PROTM



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.

Technical Assets

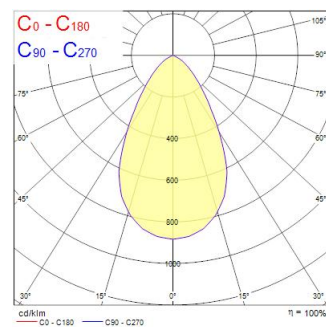
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C0) [lx]	E(C90) [lx]
0.5	0.59	1735	30.8°	889
1.0	1.16	434	30.8°	223
1.5	1.77	192	30.8°	107
2.0	2.37	108	30.8°	61
2.5	2.96	69	30.8°	37
3.0	3.55	48	30.8°	25

— C0 - C180 (Half beam angle: 61.2°)



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General data

Product name	Insaver Slim 225 IP54 4950lm 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Hospitality, Office, Retail
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	40
Virtual assistant compatibility	N/A
ETIM Class	EC001744
Warranty	5 years

Optical data

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)	SDCM3
Beam Angle (°)	60
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 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
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

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Physical data

Housing colour	RAL 9003 - Signal white
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
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