

# Insaver HO Topper LED II 150 RO 12W NW

Item No: 3033931

**SYLVANIA**

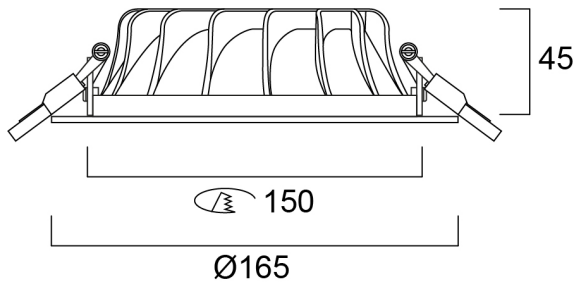
**PRO**



IP44 from the front round LED downlight with polycarbonate diffuser with a white bezel. Polycarbonate diffuser with a white bezel. Shallow recess depth (<65mm). Available in 12, 15, 21 & 25W in 150mm, 175mm, 205mm & 225mm cut out sizes. Perfect for up to 2x26W CFL replacement. Includes loop-in loop-out facility for quick installation.

## Technical Assets

### Dimensions (mm)

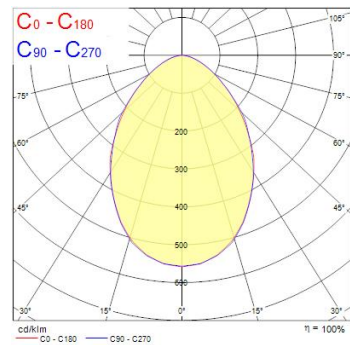


### Photometrics

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	2032
0.5	0.82	632	148	68	588
1.0	1.65	633	148	68	148
1.5	2.47	281	66	66	66
2.0	3.29	195	36	36	37
2.5	4.12	101	23	23	23
3.0	4.95	70	16	16	16

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

— C0 - C180 (Half beam angle: 78.9°)  
— C90 - C270 (Half beam angle: 79.0°)



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## General data

Product name	Insaver HO Topper LED II 150 RO 12W NW
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Hospitality
Operating temperature range (°C)	-10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number SE	7465687
Warranty	5 years

## Optical data

Useful luminous flux (Φuse)	1225
Fixture luminous flux (lm)	1225
Luminaire efficacy (lm/W)	102
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Adjustable chromaticity	N
Beam Angle (°)	74
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	12
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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
Dimmable	No
Dimming method	N/A
Drive current (mA)	290
Inrush Current (A)	6.3
Inrush Duration (µs)	830
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	12
Max. products per 13A C Breaker	16
Max. products per 16A C Breaker	20
Max. products per 20A C Breaker	25

## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	74000
Lifespan L90 B10	34000

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## Physical data

Housing colour	RAL 9010 - Pure white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	45
Nominal Product Diameter (mm)	165
Weight (kg)	0.429
Recessed Depth (mm)	150

## Packaging

Product EAN number	8711971339311
Packaging single length / height (cm)	19.5
Packaging single width (cm)	19.5
Packaging single depth (cm)	6.2
DUN14 (inner)	18711971339318
Units per outer package	12
Packaging outer length / height (cm)	42.1
Packaging outer width (cm)	42.5
Packaging outer depth (cm)	22.8

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-10-25