



INSAVER HO TOPPER LED

Low recess high performing LED downlight



Insaver HO Topper LED is a range of LED downlights made for the replacement of CFL luminaire solutions. With its IP44 rating, the range is perfect for corridors, areas of high public circulation and reception areas.

Available in round or square body configurations, **Insaver HO Topper LED** also offers the choice between two colour temperatures: warm white (3,000K) or

neutral white (4,000K). Thanks to LED technology, the range is able to cope with high switching cycles, operate in low temperatures and benefits from a long lifetime.

Additionally, with a recessed depth as low as 35mm (Insaver HO Topper LED Round 90mm) and the use of external LED driver, **Insaver HO Topper LED** provides a simple yet effective installation solution.

INSAVER HO TOPPER LED

Low recess depth LED downlight

FEATURES :

- 12W, 15W & 21W LED white downlight
- Ideal for applications such as corridors, back of house and any location that requires long service hours and high switching cycles
- Insaver HO Topper LED Square is available in 3 different cut-out sizes: 150mm, 185mm & 205mm
- Insaver HO Topper LED Round is available in 4 different cut-out sizes: 90mm, 145mm, 175mm & 200mm
- Insaver HO Topper LED Round 90mm benefits from a recessed diffuser for an improved visual comfort
- Choice of 3,000K (Warm white) or 4,000K (Neutral white)
- High lumen output - up to 1,724lm (Insaver HO topper LED Round 205mm 21W)
- Cost effective product - will help you comply with Building regulations - up to 82.1lm/W (Insaver HO topper LED Square 175mm 15W)
- Small recess depth < 90mm
- Quick and easy to install
- LED technology provides energy efficient solution and reduced maintenance costs

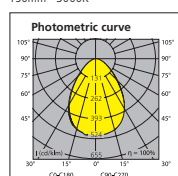


Code	Description	Cut-out size (mm)	Body size (mm)	Beam angle (°)	Colour name	Color temperature (K)	Voltage (V)	Drive current (mA)	System power consumption (W)	Luminaire lumen output (lm)	Lumen / Watt (lm/W)	Dimming type
Insaver HO Topper LED - Square - 150mm												
New 3033702	Insaver 150 HO Topper LED SQ 12W WW	150 x 150	170 x 170	78	Warm white	3,000	220 - 240	350	12	874	72.8	Leading / Trailing edge
New 3033701	Insaver 150 HO Topper LED SQ 12W NW	150 x 150	170 x 170	78	Neutral white	4,000	220 - 240	350	12	826	68.8	Leading / Trailing edge
Insaver HO Topper LED - Square - 185mm												
New 3033704	Insaver 185 HO Topper LED SQ 15W WW	185 x 185	205 x 205	90	Warm white	3,000	220 - 240	350	15	1,258	83.9	Leading / Trailing edge
New 3033703	Insaver 185 HO Topper LED SQ 15W NW	185 x 185	205 x 205	90	Neutral white	4,000	220 - 240	350	15	1,191	79.4	Leading / Trailing edge
Insaver HO Topper LED - Square - 205mm												
New 3033706	Insaver 205 HO Topper LED SQ 21W WW	205 x 205	225 x 225	85	Warm white	3,000	220 - 240	500	21	1,710	81.4	Leading / Trailing edge
New 3033705	Insaver 205 HO Topper LED SQ 21W NW	205 x 205	225 x 225	85	Neutral white	4,000	220 - 240	500	21	1,678	79.9	Leading / Trailing edge
Insaver HO Topper LED - Round - 90mm												
New 3033807	Insaver 90 HO Topper LED 12W WW	Ø90	Ø110	78	Warm white	3,000	220 - 240	350	12	800	66.7	Leading / Trailing edge
New 3033808	Insaver 90 HO Topper LED 12W NW	Ø90	Ø110	78	Neutral white	4,000	220 - 240	350	12	760	63.3	Leading / Trailing edge
Insaver HO Topper LED - Round - 145mm												
Upgraded 3033801	Insaver 145 HO Topper LED 12W WW	Ø145	Ø165	74	Warm white	3,000	220 - 240	350	12	945	78.8	Leading / Trailing edge
Upgraded 3033802	Insaver 145 HO Topper LED 12W NW	Ø145	Ø165	74	Neutral white	4,000	220 - 240	350	12	897	74.8	Leading / Trailing edge
Insaver HO Topper LED - Round - 175mm												
Upgraded 3033803	Insaver 175 HO Topper LED 15W WW	Ø175	Ø195	74	Warm white	3,000	220 - 240	350	15	1,182	78.8	Leading / Trailing edge
Upgraded 3033804	Insaver 175 HO Topper LED 15W NW	Ø175	Ø195	74	Neutral white	4,000	220 - 240	350	15	1,126	75.1	Leading / Trailing edge
Insaver HO Topper LED - Round - 200mm												
Upgraded 3033805	Insaver 200 HO Topper LED 21W WW	Ø200	Ø220	74	Warm white	3,000	220 - 240	500	21	1,724	82.1	Leading / Trailing edge
Upgraded 3033806	Insaver 200 HO Topper LED 21W NW	Ø200	Ø220	74	Neutral white	4,000	220 - 240	500	21	1,607	76.5	Leading / Trailing edge

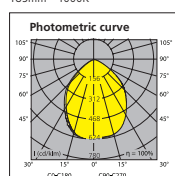
Legend: WW = Warm White, NW = Neutral White

Insaver HO Topper LED - Square

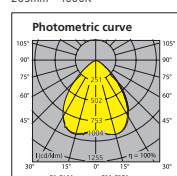
Insaver HO LED - Square - 150mm - 3000K



Insaver HO LED - Square - 185mm - 4000K

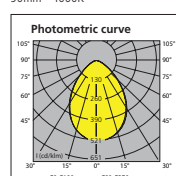


Insaver HO LED - Square - 205mm - 4000K

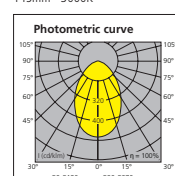


Insaver HO Topper LED - Round

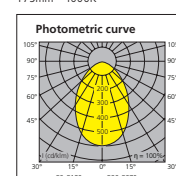
Insaver HO Topper LED - Round - 90mm - 4000K



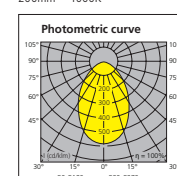
Insaver HO Topper LED - Round - 145mm - 3000K



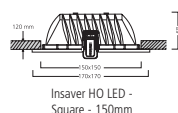
Insaver HO Topper LED - Round - 175mm - 4000K



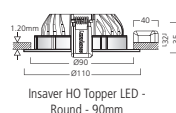
Insaver HO Topper LED - Round - 200mm - 4000K



Insaver HO Topper - Square dimensions (mm)



Insaver HO Topper - Round dimensions (mm)



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Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication, specifications and performance data are constantly changing. Current details should therefore be checked with Havells-Sylvania Europe Ltd.

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