

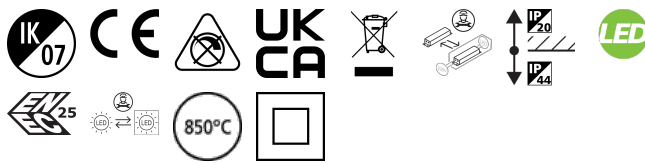
## Insaver HO Topper LED II 175

*Insaver HO Topper LED II 175 RO 15W NW*  
3033937



### Product features

- IP44 from the front round LED downlight with outputs of up to 2,289lm and an efficacy of up to 99lm/W. 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.



### PRODUCT OVERVIEW

Product name	Insaver HO Topper LED II 175 RO 15W NW
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Interior
General application	Hospitality
ETIM Class	EC001744
E-number SE	7465673
Warranty	5 years
Fixture luminous flux (lm)	1480
Luminaire efficacy (lm/W)	99
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	74
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	15
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	8711971339373

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### DATA TABLE

#### General data

Product name	Insaver HO Topper LED II 175 RO 15W 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	7465673
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	1480
Luminaire efficacy (lm/W)	99
LOR (%)	100
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)	15
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
Dimmable	No
Dimming method	N/A
Drive current (mA)	390
Inrush Current (A)	7.52
Inrush Duration (µs)	830
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz

## Insaver HO Topper LED II 175

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LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	10
Max. products per 13A C Breaker	14
Max. products per 16A C Breaker	17
Max. products per 20A C Breaker	20

### Lifetime data

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

### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Height (mm)	55
Nominal Product Diameter (mm)	195
Cutout Dimensions (W x L in mm or Diameter in mm)	175
Weight (kg)	0.539
Recessed Depth (mm)	150

### Packaging

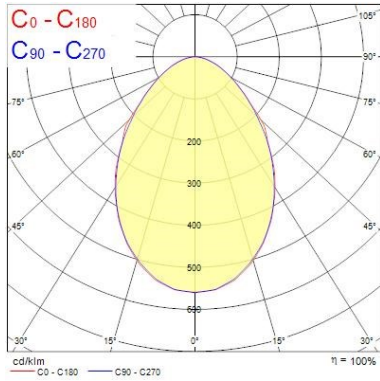
Single packaging type	Carton
Product EAN number	8711971339373
Packaging single length / height (cm)	22.53
Packaging single width (cm)	22.83
Packaging single depth (cm)	6.17
DUN14 (outer)	18711971339370
Units per outer package	12
Packaging outer length / height (cm)	48.3
Packaging outer width (cm)	48.7
Packaging outer depth (cm)	21.9

### Safety data

Optimal operating condition (°C)	-10-25
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## PHOTOMETRY

## Insaver HO Topper LED II 175 *Insaver HO Topper LED II 175 RO 15W NW* 3033937



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.81	E(0°)	E(C90)	E(C0)	3313
	0.81	E(C90)	E(C0)	E(C0)	730
1.0	1.62	E(0°)	E(C90)	E(C0)	823
	1.63	E(C90)	E(C0)	E(C0)	196
1.5	2.43	E(0°)	E(C90)	E(C0)	365
	2.44	E(C90)	E(C0)	E(C0)	87
2.0	3.24	E(0°)	E(C90)	E(C0)	207
	3.25	E(C90)	E(C0)	E(C0)	48
2.5	4.05	E(0°)	E(C90)	E(C0)	133
	4.06	E(C90)	E(C0)	E(C0)	31
3.0	4.86	E(0°)	E(C90)	E(C0)	82
	4.88	E(C90)	E(C0)	E(C0)	22

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 C0 - C180 (Half beam angle: 78.2°)  
 C90 - C270 (Half beam angle: 78.0°)

### TECHNICAL DRAWINGS

