

# Insaver HO Topper LED II 225 RO 25W WW

Item No: 3033948

**SYLVANIA**

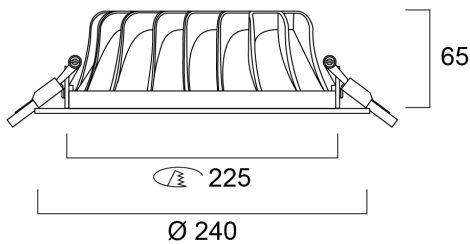
**PRO**<sup>TM</sup>



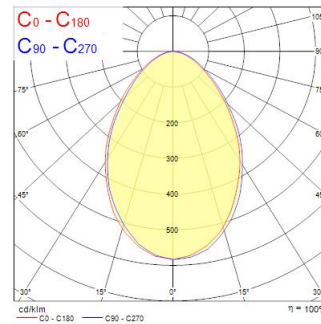
IP44 from the front round LED downlight with polycarbonate diffuser with a white bezel. Polycarbonate diffuser with a white bezel. Shallow recess depth (<65mm). Available in 12, 15, 21 & 25W in 150mm, 175mm, 205mm & 225mm cut out sizes. Perfect for up to 2x26W CFL replacement. Includes loop-in loop-out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

## Technical Assets

### Dimensions (mm)



### Photometrics



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## General data

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | Insaver HO Topper LED II 225 RO 25W WW |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Aluminium                              |
| Mount                                   | Ceiling recessed mounting              |
| Environment                             | Interior                               |
| General application                     | Hospitality, Office, Retail            |
| Operating temperature range (°C)        | -10°C...+25°C                          |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC001744                               |
| E-number SE                             | 7465636                                |
| Warranty                                | 5 years                                |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 2350       |
| Luminaire efficacy (lm/W)         | 102        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Adjustable chromaticity           | N          |
| Beam Angle (°)                    | 74         |
| Distribution type                 | Symmetric  |
| Glare control                     | < 23       |
| Photobiological Risk Group        | RG0        |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 23                          |
| 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)                                               | 630                         |
| Inrush Current (A)                                               | 6.44                        |
| Inrush Duration (µs)                                             | 830                         |
| Energy Efficiency Class (A->G) of contained light source         | F                           |
| 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)   | 65                    |
| Nominal Product Diameter (mm) | 240                   |
| Weight (kg)                   | 0.842                 |
| Recessed Depth (mm)           | 150                   |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 8711971339489  |
| Packaging single length / height (cm) | 27.2           |
| Packaging single width (cm)           | 27.3           |
| Packaging single depth (cm)           | 8.0            |
| DUN14 (inner)                         | 18711971339486 |
| Units per outer package               | 12             |
| Packaging outer length / height (cm)  | 56.6           |
| Packaging outer width (cm)            | 56.7           |
| Packaging outer depth (cm)            | 28.0           |

## Safety data

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