

Insaver HO Topper LED II 205 RO 21W WW

Item No: 3033942

SYLVANIA

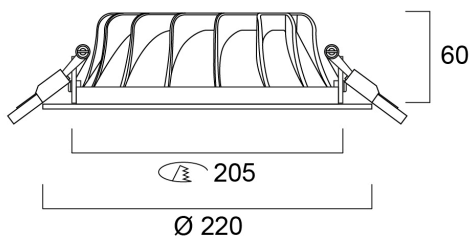
PROTM



IP44 from the front round LED downlight with 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)

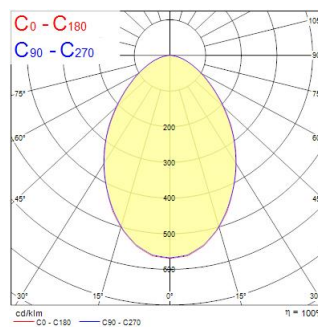


Photometrics

| Distance [m] | Cone diameter [m] | E175 | E180 | E185 | E190 | E195 | E200 | E205 | E210 | E215 | E220 |
|--------------|-------------------|------|------|------|------|------|------|------|------|------|------|
| 0.5 | 0.80 0.79 | 4261 | 3974 | 3714 | 3481 | 3261 | 3054 | 2861 | 2681 | 2514 | 2361 |
| 1.0 | 1.59 1.56 | 1015 | 943 | 881 | 819 | 767 | 715 | 673 | 631 | 599 | 567 |
| 1.5 | 2.38 2.33 | 451 | 419 | 391 | 363 | 335 | 307 | 283 | 261 | 241 | 221 |
| 2.0 | 3.18 3.17 | 254 | 234 | 217 | 201 | 187 | 173 | 161 | 149 | 139 | 129 |
| 2.5 | 3.98 3.96 | 182 | 167 | 155 | 143 | 133 | 123 | 115 | 107 | 101 | 95 |
| 3.0 | 4.77 4.76 | 113 | 103 | 95 | 87 | 81 | 75 | 70 | 65 | 61 | 57 |

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

— C0 - C180 (Half beam angle: 76.0°)
— C90 - C270 (Half beam angle: 77.0°)



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General data

| | |
|---|--|
| Product name | Insaver HO Topper LED II 205 RO 21W WW |
| 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 | 7465651 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 2100 |
| Luminaire efficacy (lm/W) | 100 |
| 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 | < 25 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 21 |
| 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) | 600 |
| Inrush Current (A) | 6.44 |
| 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 | 15 |
| Max. products per 16A C Breaker | 19 |
| 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) | 60 |
| Nominal Product Diameter (mm) | 220 |
| Weight (kg) | 0.756 |
| Recessed Depth (mm) | 150 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 8711971339427 |
| Packaging single length / height (cm) | 25.3 |
| Packaging single width (cm) | 25.2 |
| Packaging single depth (cm) | 7.1 |
| DUN14 (inner) | 18711971339424 |
| Units per outer package | 12 |
| Packaging outer length / height (cm) | 53.0 |
| Packaging outer width (cm) | 53.2 |
| Packaging outer depth (cm) | 23.7 |

Safety data

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