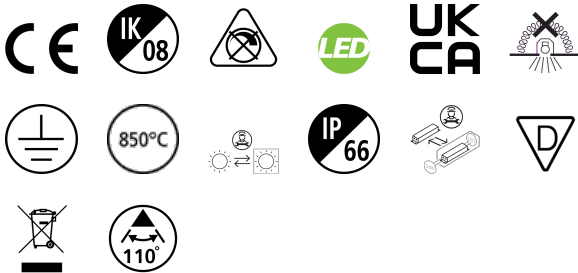


Resisto 1200 IP66 1600-2750lm 830

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SYLVANIA

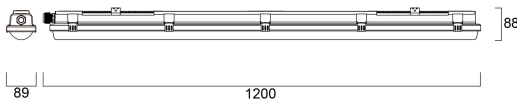
PROTM



Resisto, integrated LED weatherproof luminaire, with UV stabilized flat diffuser designed to achieve uniform light appearance, optimise light output and to reduce glare. 301 stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing and diffuser - no yellow discolouration over time, IP66, IK08, Class I, SDCM<3, 3000K, CRI>80, non-dimmable, 1600 / 2000 / 2350 / 2750lm (4 different steps selectable with DIP switches), 10 / 12 / 15 / 17W, 160 / 167 / 157 / 162lm/W depends on setting, 100.000hrs L80B10 lifespan, 1200 x 89 x 88mm (L x W x H) dimensions, 1.35kg weight, operating temperature range from -20 to +40°C. D-mark, ENEC certification.

Technical Assets

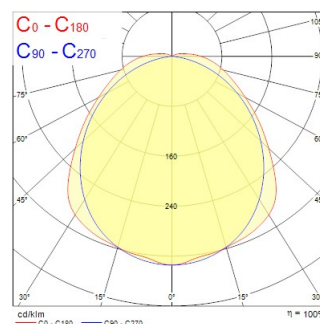
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|------------------|
| 0.5 | 1.27 1.40 | 51.8" 54.4" | 2140 2030 |
| 1.0 | 2.54 2.79 | 51.8" 54.4" | 535 508 |
| 1.5 | 3.81 4.19 | 51.8" 54.4" | 235 221 |
| 2.0 | 5.08 5.59 | 51.8" 54.4" | 134 126 |
| 2.5 | 6.35 6.98 | 51.8" 54.4" | 88 83 |
| 3.0 | 7.62 8.38 | 51.8" 54.4" | 59 56 |

Distance [m] Cone diameter [m] Beam diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 103.9°)
 — C90 - C270 (Half beam angle: 103.9°)



Resisto 1200 IP66 1600-2750lm 830

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SYLVANIA

General data

| | |
|----------------------------------|--|
| Product name | Resisto 1200 IP66 1600-2750lm 830 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | PC Polycarbonate |
| Mount | Ceiling surface mounting, Wall surface mounted |
| Built in presence detector | NONE |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -20°C...+40°C |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| E-number FI | 4357210 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 2750 |
| Luminaire efficacy (lm/W) | 167 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 110 |
| Distribution type | Symmetric |
| Glare control | < 25 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 17 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.97 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 350 |
| Inrush Current (A) | 8.6 |
| Inrush Duration (µs) | 278 |
| Energy Efficiency Class (A->G) of contained light source | B |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 54 |
| Max. products per 13A C Breaker | 71 |
| Max. products per 16A C Breaker | 87 |
| Max. products per 20A C Breaker | 109 |
| Max. products per 10A B Breaker | 33 |
| Max. products per 13A B Breaker | 42 |
| Max. products per 16A B Breaker | 52 |
| Max. products per 20A B Breaker | 65 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

Resisto 1200 IP66 1600-2750lm 830

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SYLVANIA

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |
| Lifespan L80 B20 | 100000 |
| Lifespan L80 B10 | 100000 |
| Lifespan L90 B50 | 77000 |

Physical data

| | |
|-----------------------------|-----------------------|
| Housing colour | RAL 7035 - Light grey |
| IP rating | IP66 |
| IK rating | IK08 |
| Diffuser finish | Frosted |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1200 |
| Nominal Product Width (mm) | 89 |
| Nominal Product Height (mm) | 88 |
| Weight (kg) | 1.35 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288104447 |
| Packaging single length / height (cm) | 121.0 |
| Packaging single width (cm) | 10.3 |
| Packaging single depth (cm) | 8.8 |
| DUN14 (inner) | 15410288104444 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 122.5 |
| Packaging outer width (cm) | 28.0 |
| Packaging outer depth (cm) | 22.0 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | -20-40 |