

RANA LED R 1200 HO 3K LOUV+PRI 1-10 W GEN2

Item No: 0052435

SYLVANIA

General data

| | |
|---|--|
| Product name | RANA LED R 1200 HO 3K LOUV+PRI 1-10 W GEN2 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Office, Education |
| Operating temperature range (°C) | 5°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| E-number FI | 4274100 |
| Warranty | 5 years |

Optical data

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|-----------------------------------|------------|
| Fixture luminous flux (lm) | 5800 |
| Luminaire efficacy (lm/W) | 112 |
| Correlated colour temperature (k) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Distribution type | Symmetric |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

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|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 52 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 275 |
| Inrush Current (A) | 33 |
| Inrush Duration (µs) | 250 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 21 |
| Max. products per 13A C Breaker | 28 |
| Max. products per 16A C Breaker | 36 |
| Max. products per 20A C Breaker | 46 |
| Max. products per 10A B Breaker | 13 |
| Max. products per 13A B Breaker | 17 |
| Max. products per 16A B Breaker | 22 |
| Max. products per 20A B Breaker | 28 |
| Connectable conductor cross section - Min (mm ²) | 0.75 |
| Connectable conductor cross section - Max (mm ²) | 2.5 |

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Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
| Lifespan L70 B10 | 50000 |
| Lifespan L80 B50 | 50000 |
| Lifespan L80 B10 | 50000 |
| Lifespan L90 B50 | 50000 |
| Lifespan L90 B10 | 50000 |

Physical data

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|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Prismatic |
| Diffuser material | PC Polycarbonate |
| Reflector finish | Not Applicable |
| Nominal Product Length (mm) | 1196 |
| Nominal Product Width (mm) | 296 |
| Nominal Product Height (mm) | 60 |
| Weight (kg) | 4.1 |
| Recessed Depth (mm) | 120 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288524351 |
| Packaging single length / height (cm) | 124.5 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 32.0 |
| DUN14 (inner) | 05410288524351 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 124.5 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 32.0 |

Safety data

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|----------------------------------|------|
| Glow Wire Test (°C) | 850 |
| Optimal operating condition (°C) | 5-25 |