

RANA LED Surface 1500

RANA LED S 1500 LO 4K LOUV+PRI W GEN2
0051505



Product features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1440x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1410x65mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4000lm, 34W, 118lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, Lumen Maintenance: L90B10 at 50,000 hours, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | RANA LED S 1500 LO 4K LOUV+PRI W GEN2 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling surface mounting, Suspended |
| General application | Office, Hospitality, Retail, Education |
| ETIM Class | EC002892 |
| E-number FI | 4273704 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 4000 |
| Luminous flux (lm) | 4000 |
| Luminaire efficacy (lm/W) | 118 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 34 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288515052 |

DATA TABLE

General data

| | |
|--------------|---------------------------------------|
| Product name | RANA LED S 1500 LO 4K LOUV+PRI W GEN2 |
| Technology | LED |

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| | |
|---|--|
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling surface mounting, Suspended |
| General application | Office, Hospitality, Retail, Education |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4273704 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 4000 |
| Luminous flux (lm) | 4000 |
| Luminaire efficacy (lm/W) | 118 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|--------------------------------|
| Total power consumption (W) | 34 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.95 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Drive current (mA) | 275 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 280 |
| Glow Wire Test (°C) | 850 |
| Energy Efficiency Class (A->G) of contained light source | C, C(more than 1 Light Source) |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 23 |
| Max. Luminaires per 13A C Breaker | 31 |
| Max. Luminaires per 16A C Breaker | 40 |
| Max. Luminaires per 20A C Breaker | 50 |
| Max. Luminaires per 10A B Breaker | 14 |
| Max. Luminaires per 13A B Breaker | 19 |
| Max. Luminaires per 16A B Breaker | 24 |
| Max. Luminaires per 20A B Breaker | 30 |

Lifetime data

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

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| | |
|------------------|-------|
| Lifespan L90 B50 | 50000 |
| Lifespan L90 B10 | 50000 |

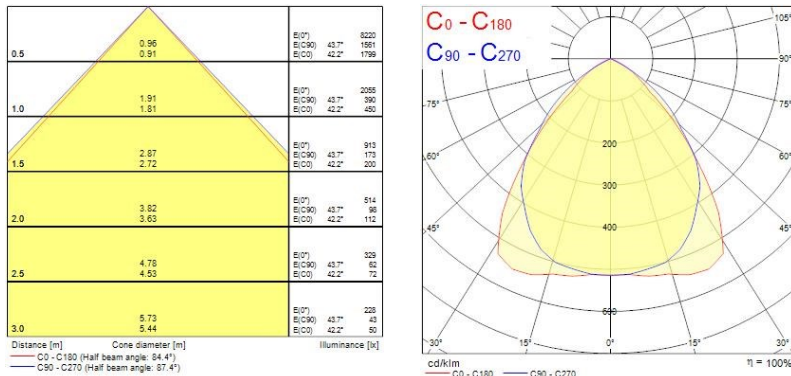
Physical data

| | |
|-----------------------------|------------------|
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Prismatic |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1460 |
| Nominal Product Width (mm) | 187 |
| Nominal Product Height (mm) | 47 |
| Weight (kg) | 4.2 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288515052 |
| Packaging single length / height (cm) | 153.5 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 21.0 |
| DUN14 (outer) | 05410288515052 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 153.5 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 21.0 |

PHOTOMETRY



TECHNICAL DRAWINGS

