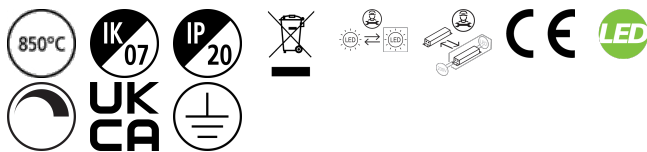


RANA LED Surface 1200  
RANA LED S 1200 HO 4K LOUV+PRI 1-10 W GEN2  
0051493



Product features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x165mm, 1-10V Dimmable, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 6000lm, 52W, 115lm/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 1200 HO 4K LOUV+PRI 1-10 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                     | 4273695                                    |
| Warranty                        | 5 years                                    |
| Fixture luminous flux (lm)      | 6000                                       |
| Luminous flux (lm)              | 6000                                       |
| Luminaire efficacy (lm/W)       | 115                                        |
| 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)     | 52                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | Other                                      |
| Dimmable                        | Yes                                        |
| Dimming method                  | 1-10V (Analogue)                           |
| Minimum dimming level (%)       | 90                                         |
| Housing colour                  | White                                      |
| IP rating                       | IP20                                       |
| IK rating                       | IK07                                       |
| Product EAN number              | 5410288514932                              |

DATA TABLE

## RANA LED Surface 1200

*RANA LED S 1200 HO 4K LOUV+PRI 1-10 W GEN2*

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### General data

|                                                     |                                            |
|-----------------------------------------------------|--------------------------------------------|
| Product name                                        | RANA LED S 1200 HO 4K LOUV+PRI 1-10 W GEN2 |
| Technology                                          | LED                                        |
| Cap/Base                                            | N/A                                        |
| Housing                                             | Steel                                      |
| Mount                                               | Ceiling surface mounting, Suspended        |
| General application                                 | Office, Hospitality, Retail, Education     |
| Performance ambient temperature T <sub>a</sub> (°C) | 25                                         |
| ETIM Class                                          | EC002892                                   |
| E-number FI                                         | 4273695                                    |
| Warranty                                            | 5 years                                    |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 6000          |
| Luminous flux (lm)              | 6000          |
| Luminaire efficacy (lm/W)       | 115           |
| 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)                              | 52               |
| Mains voltage (V)                                        | 220-240V         |
| Lamp power factor                                        | 0.95             |
| Electrical protection                                    | Class I          |
| Control gear required                                    | No               |
| Control gear type                                        | Other            |
| Dimmable                                                 | Yes              |
| Dimming method                                           | 1-10V (Analogue) |
| Minimum dimming level (%)                                | 90               |
| Drive current (mA)                                       | 275              |
| Inrush Current (A)                                       | 45               |
| Inrush Duration (µs)                                     | 100              |
| Glow Wire Test (°C)                                      | 850              |
| Energy Efficiency Class (A->G) of contained light source | C                |
| Nominal Frequency (Hz)                                   | 50/60Hz          |
| Max. Luminaires per 10A C Breaker                        | 31               |
| Max. Luminaires per 16A C Breaker                        | 51               |
| Max. Luminaires per 20A C Breaker                        | 62               |
| Max. Luminaires per 10A B Breaker                        | 18               |
| Max. Luminaires per 16A B Breaker                        | 30               |
| Max. Luminaires per 20A B Breaker                        | 37               |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
|------------------|-------|

## RANA LED Surface 1200

RANA LED S 1200 HO 4K LOUV+PRI 1-10 W GEN2  
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|                  |       |
|------------------|-------|
| Lifespan L70 B10 | 50000 |
| Lifespan L80 B50 | 50000 |
| Lifespan L80 B10 | 50000 |
| Lifespan L90 B50 | 50000 |
| Lifespan L90 B10 | 50000 |

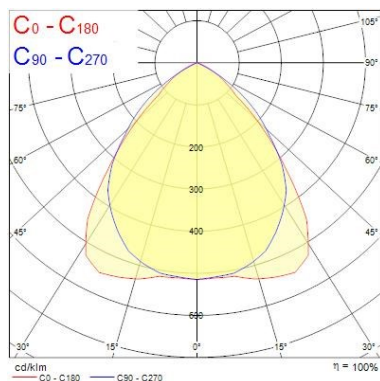
### Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1160             |
| Nominal Product Width (mm)  | 187              |
| Nominal Product Height (mm) | 47               |
| Weight (kg)                 | 3.3              |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288514932  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288514932 |
| 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



| Distance [m] | Cone diameter [m] | Beam angle [°] | Illuminance [lx]      |
|--------------|-------------------|----------------|-----------------------|
| 0.5          | 0.96<br>0.91      | 84.8°<br>87.8° | 12348<br>2250<br>2657 |
| 1.0          | 1.92<br>1.83      | 84.8°<br>87.8° | 3087<br>578<br>867    |
| 1.5          | 2.89<br>2.74      | 84.8°<br>87.8° | 1372<br>257<br>296    |
| 2.0          | 3.85<br>3.65      | 84.8°<br>87.8° | 772<br>144<br>167     |
| 2.5          | 4.81<br>4.57      | 84.8°<br>87.8° | 494<br>92<br>107      |
| 3.0          | 5.77<br>5.48      | 84.8°<br>87.8° | 343<br>64<br>74       |

## TECHNICAL DRAWINGS

## RANA LED Surface 1200

*RANA LED S 1200 HO 4K LOUV+PRI 1-10 W GEN2*

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