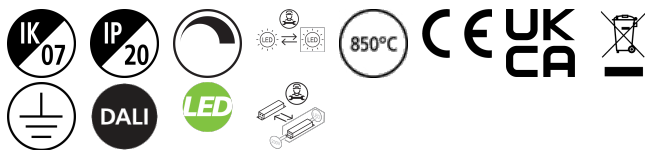


RANA LED Surface 1500  
RANA LED S 1500 HO 3K LOUV+PRI DALI W GEN2  
0051528



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: 1410x165mm, DALI Dimmable (Switch-DIM/Push-DIM enabled), Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 7000lm, 62W, 113lm/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 HO 3K LOUV+PRI DALI 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                     | 4273713                                    |
| Warranty                        | 5 years                                    |
| Fixture luminous flux (lm)      | 7000                                       |
| Luminous flux (lm)              | 7000                                       |
| Luminaire efficacy (lm/W)       | 113                                        |
| Colour temperature (K)          | 3000                                       |
| Light colour                    | Warm White                                 |
| CRI (Ra)                        | 80                                         |
| Colour Variation Initial (SDCM) | SDCM3                                      |
| Glare control                   | < 19                                       |
| Photobiological Risk Group      | RG0                                        |
| Total power consumption (W)     | 62                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | Electronic ballast                         |
| Dimmable                        | Yes                                        |
| Dimming method                  | DALI, Switch-dim (mains-rated)             |
| Minimum dimming level (%)       | 99                                         |
| Housing colour                  | White                                      |
| IP rating                       | IP20                                       |
| IK rating                       | IK07                                       |
| Product EAN number              | 5410288515281                              |

DATA TABLE

## RANA LED Surface 1500

*RANA LED S 1500 HO 3K LOUV+PRI DALI W GEN2*

0051528

### General data

|                                                     |                                            |
|-----------------------------------------------------|--------------------------------------------|
| Product name                                        | RANA LED S 1500 HO 3K LOUV+PRI DALI W GEN2 |
| Technology                                          | LED                                        |
| Cap/Base                                            | N/A                                        |
| Housing                                             | Steel                                      |
| Mount                                               | Ceiling surface mounting, Suspended        |
| General application                                 | Office, Hospitality, Retail, Education     |
| Operating temperature range (°C)                    | -5°C...+25°C                               |
| Performance ambient temperature T <sub>q</sub> (°C) | 25                                         |
| ETIM Class                                          | EC002892                                   |
| E-number FI                                         | 4273713                                    |
| Warranty                                            | 5 years                                    |

### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 7000       |
| Luminous flux (lm)              | 7000       |
| Luminaire efficacy (lm/W)       | 113        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Glare control                   | < 19       |
| Photobiological Risk Group      | RG0        |

### Electrical data

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 62                             |
| Mains voltage (V)                                        | 220-240V                       |
| Lamp power factor                                        | 0.99                           |
| Electrical protection                                    | Class I                        |
| Control gear required                                    | No                             |
| Control gear type                                        | Electronic ballast             |
| Dimmable                                                 | Yes                            |
| Dimming method                                           | DALI, Switch-dim (mains-rated) |
| Minimum dimming level (%)                                | 99                             |
| Drive current (mA)                                       | 525                            |
| Inrush Current (A)                                       | 29                             |
| Inrush Duration (µs)                                     | 155                            |
| Glow Wire Test (°C)                                      | 850                            |
| Energy Efficiency Class (A->G) of contained light source | C, D(more than 1 Light Source) |
| Nominal Frequency (Hz)                                   | 50/60Hz                        |
| Max. Luminaires per 10A C Breaker                        | 21                             |
| Max. Luminaires per 13A C Breaker                        | 28                             |
| Max. Luminaires per 16A C Breaker                        | 35                             |
| Max. Luminaires per 20A C Breaker                        | 45                             |
| Max. Luminaires per 10A B Breaker                        | 13                             |
| Max. Luminaires per 13A B Breaker                        | 17                             |
| Max. Luminaires per 16A B Breaker                        | 21                             |
| Max. Luminaires per 20A B Breaker                        | 27                             |

## RANA LED Surface 1500

RANA LED S 1500 HO 3K LOUV+PRI DALI W GEN2

0051528

### 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

|                             |                  |
|-----------------------------|------------------|
| 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)                 | 4.0              |

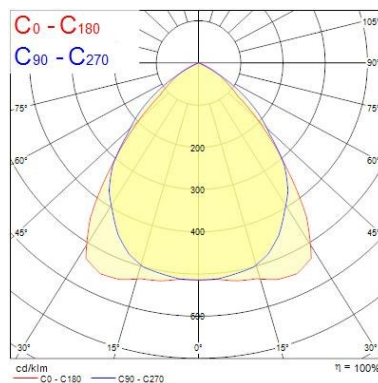
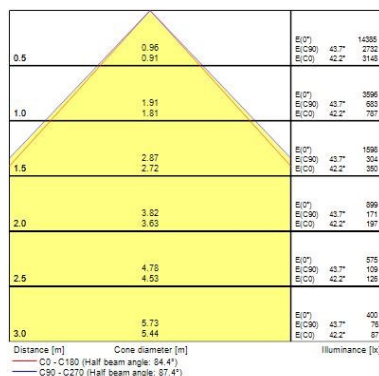
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288515281  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288515281 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 153.5          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 21.0           |

### Safety data

|                                  |       |
|----------------------------------|-------|
| Optimal operating condition (°C) | -5-25 |
|----------------------------------|-------|

## PHOTOMETRY





RANA LED Surface 1500  
*RANA LED S 1500 HO 3K LOUV+PRI DALI W GEN2*  
0051528

TECHNICAL DRAWINGS

