

## RANA LED S 1500 HO 4K LOUV+PRI SSC W GEN2 0051880



### Features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1440x187x47mm, Sylvania White body colour, IP20, IK07, Electric Class 1, Light Engine Dimensions: 1410x165mm, SylSmart (SSC01) controlled, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 7500lm, 63W, 119lm/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 4K LOUV+PRI SSC W GEN2 |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Steel                                     |
| Mount                           | Ceiling surface mounting, Suspended       |
| General application             | Education, Hospitality, Office, Retail    |
| ETIM Class                      | EC002892                                  |
| Fixture luminous flux (lm)      | 7500                                      |
| Luminous flux (lm)              | 7500                                      |
| Luminaire efficacy (lm/W)       | 119                                       |
| Colour temperature (K)          | 4000                                      |
| Light colour                    | Neutral White                             |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | 3                                         |
| Glare control                   | < 19                                      |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 63                                        |
| Electrical protection           | Class I                                   |
| Control gear type               | Electronic ballast                        |
| Dimmable                        | Yes                                       |
| Minimum dimming level (%)       | 1                                         |

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|                    |               |
|--------------------|---------------|
| Housing colour     | White         |
| IP rating          | IP20          |
| IK rating          | IK07          |
| Product EAN number | 5410288518800 |
| Warranty           | 5 years       |
| Dimming method     | SylSmart SSC  |

### Data table

#### GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | RANA LED S 1500 HO 4K LOUV+PRI SSC W GEN2 |
| Technology                              | LED                                       |
| Cap/Base                                | N/A                                       |
| Housing                                 | Steel                                     |
| Mount                                   | Ceiling surface mounting, Suspended       |
| General application                     | Education, Hospitality, Office, Retail    |
| Operating temperature range (°C)        | 0°C...+25°C                               |
| Performance ambient temperature Tq (°C) | 25                                        |
| ETIM Class                              | EC002892                                  |
| Warranty                                | 5 years                                   |

#### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 7500          |
| Luminous flux (lm)              | 7500          |
| Luminaire efficacy (lm/W)       | 119           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Distribution type               | Symmetric     |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

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### ELECTRICAL DATA

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 63                             |
| 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                                           | SylSmart SSC                   |
| Minimum dimming level (%)                                | 1                              |
| 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, C(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                             |

### 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 |

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### 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                    | 5410288518800  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288518800 |
| 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

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |