

## RANA LED Surface 600

### RANA LED S 600 HO 4K LOUV+PRI W GEN2

0051469



#### Product features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x50mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x285mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4500lm, 40W, 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 600 HO 4K LOUV+PRI W GEN2   |
| Technology                      | LED                                    |
| Cap/Base                        | N/A                                    |
| Housing                         | Steel                                  |
| Mount                           | Ceiling surface mounting, Suspended    |
| General application             | Education, Hospitality, Office, Retail |
| ETIM Class                      | EC002892                               |
| E-number FI                     | 4273524                                |
| Warranty                        | 5 years                                |
| Fixture luminous flux (lm)      | 4500                                   |
| Luminous flux (lm)              | 4500                                   |
| Luminaire efficacy (lm/W)       | 113                                    |
| 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)     | 40                                     |
| 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              | 5410288514697                          |

## DATA TABLE

### General data

|              |                                      |
|--------------|--------------------------------------|
| Product name | RANA LED S 600 HO 4K LOUV+PRI W GEN2 |
| Technology   | LED                                  |

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|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling surface mounting, Suspended    |
| General application                     | Education, Hospitality, Office, Retail |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| E-number FI                             | 4273524                                |
| Warranty                                | 5 years                                |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4500          |
| Luminous flux (lm)              | 4500          |
| Luminaire efficacy (lm/W)       | 113           |
| 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)                              | 40                          |
| 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                           |
| 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 |

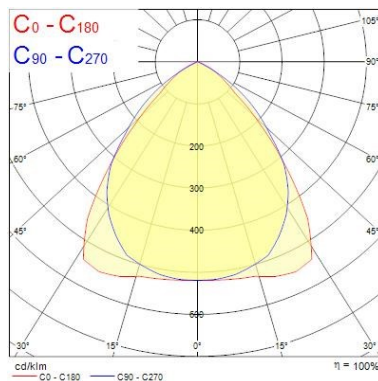
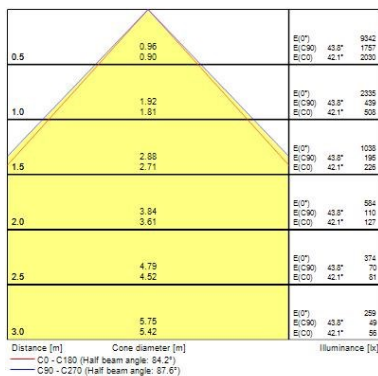
### Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 616              |
| Nominal Product Width (mm)  | 616              |
| Nominal Product Height (mm) | 50               |
| Weight (kg)                 | 4.8              |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288514697  |
| Packaging single length / height (cm) | 67.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 64.5           |
| DUN14 (outer)                         | 05410288514697 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 67.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 64.5           |

## PHOTOMETRY



## TECHNICAL DRAWINGS



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