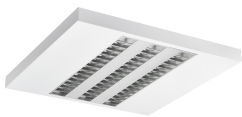
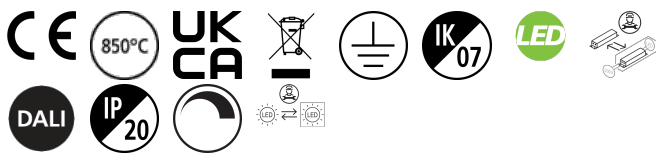


RANA LED Surface 600  
RANA LED S 600 HO 4K LOUV+PRI DALI W GEN2  
0051470



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, DALI Dimmable (Switch-DIM/Push-DIM enabled), 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 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                     | 4273527                                   |
| 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               | Electronic ballast                        |
| Dimmable                        | Yes                                       |
| Dimming method                  | DALI, Switch-dim (mains-rated)            |
| Minimum dimming level (%)       | 1                                         |
| Housing colour                  | White                                     |
| IP rating                       | IP20                                      |
| IK rating                       | IK07                                      |
| Product EAN number              | 5410288514703                             |

DATA TABLE

## RANA LED Surface 600

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

0051470

### General data

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | RANA LED S 600 HO 4K LOUV+PRI DALI W GEN2 |
| Technology                              | LED                                       |
| 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                             | 4273527                                   |
| 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                             |
| Primary Supply/Product voltage - min (V)                 | 220                            |
| Primary Supply/Product voltage - max (V)                 | 240                            |
| Lamp power factor                                        | 0.98                           |
| 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 (%)                                | 1                              |
| Drive current (mA)                                       | 275                            |
| Inrush Current (A)                                       | 29                             |
| Inrush Duration (µs)                                     | 180                            |
| Glow Wire Test (°C)                                      | 850                            |
| Energy Efficiency Class (A->G) of contained light source | C                              |
| Nominal Frequency (Hz)                                   | 50/60Hz                        |
| Max. products per 10A C Breaker                          | 21                             |
| Max. products per 13A C Breaker                          | 28                             |
| Max. products per 16A C Breaker                          | 36                             |
| Max. products per 20A C Breaker                          | 45                             |
| Max. products per 10A B Breaker                          | 13                             |
| Max. products per 13A B Breaker                          | 17                             |
| Max. products per 16A B Breaker                          | 22                             |

**RANA LED Surface 600**  
*RANA LED S 600 HO 4K LOUV+PRI DALI W GEN2*  
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|                                                 |     |
|-------------------------------------------------|-----|
| Max. products per 20A B Breaker                 | 27  |
| Connectable conductor cross section - Min (mm²) | 2.5 |
| Connectable conductor cross section - Max (mm²) | 2.5 |

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

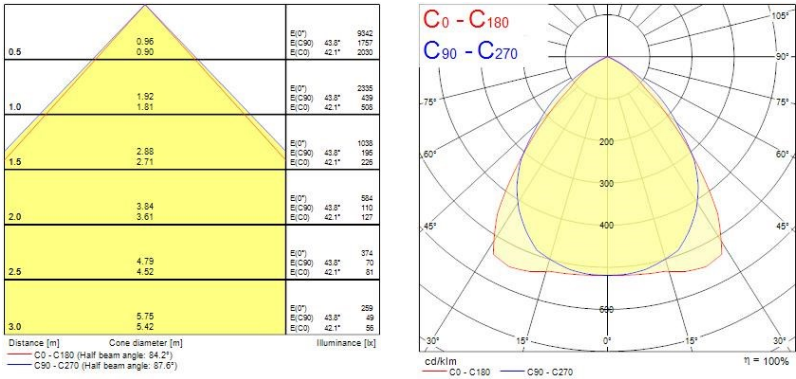
|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 616              |
| Nominal Product Width (mm)  | 616              |
| Nominal Product Height (mm) | 50               |
| Weight (kg)                 | 4.9              |

Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288514703  |
| Packaging single length / height (cm) | 67.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 64.5           |
| DUN14 (outer)                         | 05410288514703 |
| 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**

RANA LED Surface 600  
RANA LED S 600 HO 4K LOUV+PRI DALI W GEN2  
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TECHNICAL DRAWINGS

