



Features

• Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 595x595x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x130mm, DALI Dimmable, Low LED flicker (+/-5%), Emergency PRO 3 hours, Neutral White (4000K) LED Colour Temperature, 3000lm, 33W, 91lm/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, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

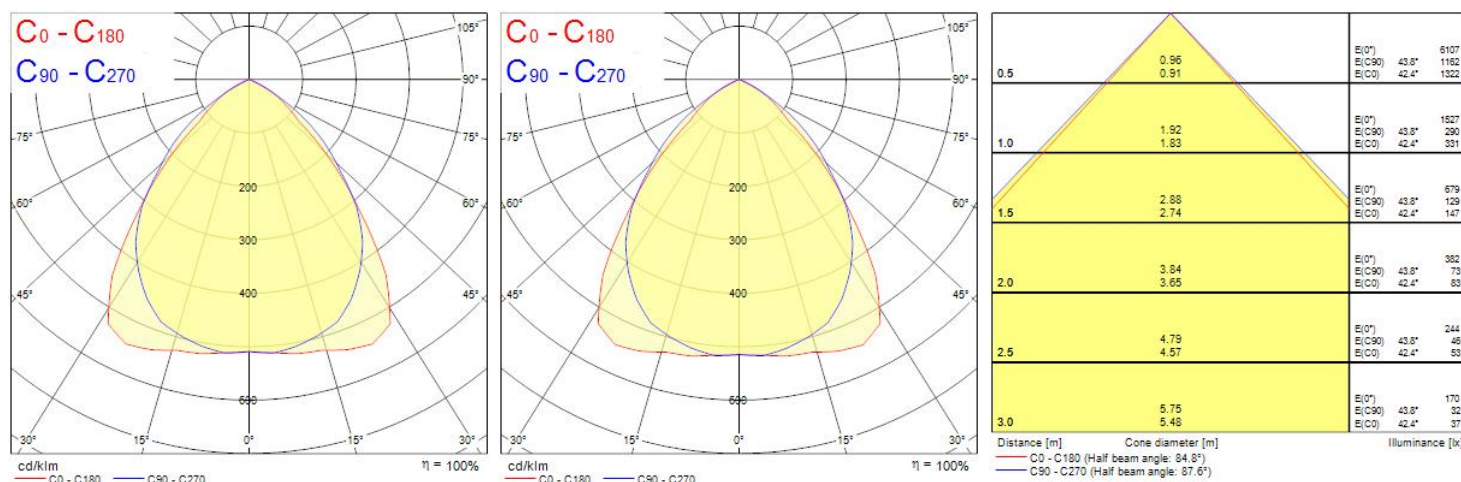
Product Overview

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| Product name                    | RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 |
| Technology                      | LED                                           |
| Cap/Base                        | N/A                                           |
| Housing                         | Steel                                         |
| Mount                           | Ceiling recessed mounting                     |
| General application             | Education, Hospitality, Office, Retail        |
| ETIM Class                      | EC002892                                      |
| Fixture luminous flux (lm)      | 3000                                          |
| Luminous flux (lm)              | 3000                                          |
| Luminaire efficacy (lm/W)       | 94                                            |
| Colour temperature (K)          | 4000                                          |
| Light colour                    | Neutral White                                 |
| CRI (Ra)                        | 80                                            |
| Colour Variation Initial (SDCM) | 3                                             |

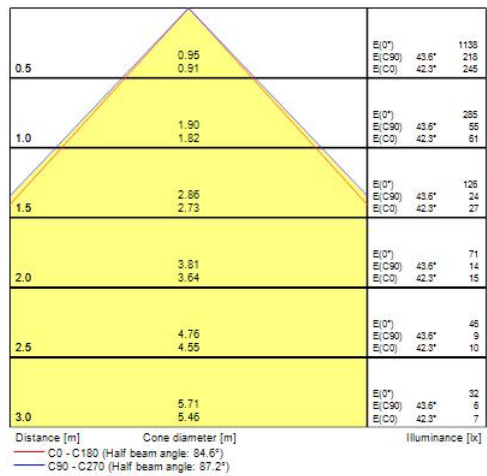
## RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 0052409

|                                |                                |
|--------------------------------|--------------------------------|
| Glare control                  | < 19                           |
| Photobiological Risk Group     | RG0                            |
| Luminous flux (emergency) (lm) | 280                            |
| Total power consumption (W)    | 32                             |
| Electrical protection          | Class I                        |
| Control gear type              | Electronic ballast             |
| Dimmable                       | Yes                            |
| Minimum dimming level (%)      | 1                              |
| Housing colour                 | White                          |
| IP rating                      | IP20                           |
| IK rating                      | IK07                           |
| Product EAN number             | 5410288524092                  |
| Warranty                       | 5 years                        |
| Dimming method                 | DALI, Switch-dim (mains-rated) |

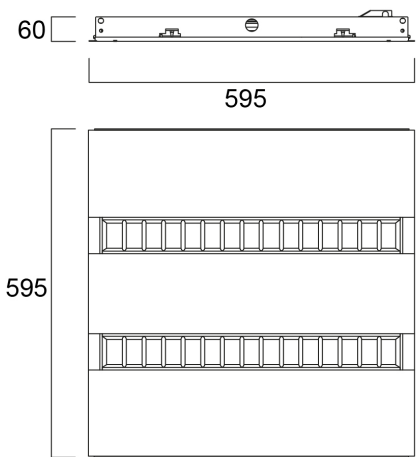
### Photometry



RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2  
0052409



Technical drawings



Data table

GENERAL DATA

|              |                                               |
|--------------|-----------------------------------------------|
| Product name | RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 |
| Technology   | LED                                           |
| Cap/Base     | N/A                                           |

## RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 0052409

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling recessed mounting              |
| General application                     | Education, Hospitality, Office, Retail |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| Warranty                                | 5 years                                |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3000          |
| Luminous flux (lm)              | 3000          |
| Luminaire efficacy (lm/W)       | 94            |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |
| Luminous flux (emergency) (lm)  | 280           |
| Emergency duration (h)          | 3             |

### ELECTRICAL DATA

|                             |                                |
|-----------------------------|--------------------------------|
| Total power consumption (W) | 32                             |
| Mains voltage (V)           | 220-240V                       |
| 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                            |

## RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 0052409

|                                                          |         |
|----------------------------------------------------------|---------|
| 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                        | 21      |
| Max. Luminaires per 13A C Breaker                        | 28      |
| Max. Luminaires per 16A C Breaker                        | 36      |
| 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                        | 22      |
| 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 |

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 595              |
| Nominal Product Width (mm)  | 595              |
| Nominal Product Height (mm) | 60               |
| Weight (kg)                 | 5.2              |
| Recessed Depth (mm)         | 120              |

### PACKAGING

## RANA LED R 600 LO 4K LOUV+PRI DALI EMPRO W G2 0052409

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288524092  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (outer)                         | 05410288524092 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

### SAFETY DATA

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