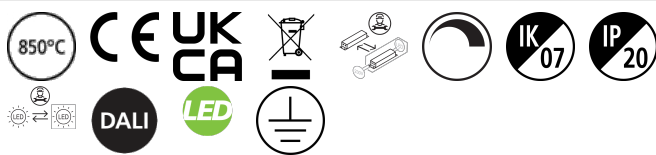


RANA LED Recessed 1200  
RANA LED R 1200 LO 4K LOUV+PRI DALI W GEN2  
0052427



Product features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1196x296x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x65mm, DALI Dimmable (Switch-DIM/Push-DIM enabled), Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3100lm, 28W, 111lm/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 1200 LO 4K LOUV+PRI DALI W GEN2 |
| Technology                      | LED                                        |
| Cap/Base                        | N/A                                        |
| Housing                         | Steel                                      |
| Mount                           | Ceiling recessed mounting                  |
| General application             | Education, Hospitality, Office, Retail     |
| E-number FI                     | 4273800                                    |
| Warranty                        | 5 years                                    |
| Fixture luminous flux (lm)      | 3100                                       |
| Luminous flux (lm)              | 3100                                       |
| Luminaire efficacy (lm/W)       | 111                                        |
| Colour temperature (K)          | 4000                                       |
| Light colour                    | Neutral White                              |
| Colour Variation Initial (SDCM) | SDCM3                                      |
| Glare control                   | < 19                                       |
| Photobiological Risk Group      | RG0                                        |
| Total power consumption (W)     | 28                                         |
| 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              | 5410288524276                              |

DATA TABLE

General data

|              |                                            |
|--------------|--------------------------------------------|
| Product name | RANA LED R 1200 LO 4K LOUV+PRI DALI W GEN2 |
|--------------|--------------------------------------------|

## RANA LED Recessed 1200

*RANA LED R 1200 LO 4K LOUV+PRI DALI W GEN2*

0052427

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling recessed mounting              |
| General application                     | Education, Hospitality, Office, Retail |
| Performance ambient temperature Tq (°C) | 25                                     |
| E-number FI                             | 4273800                                |
| Warranty                                | 5 years                                |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3100          |
| Luminous flux (lm)              | 3100          |
| Luminaire efficacy (lm/W)       | 111           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| Colour Variation Initial (SDCM) | SDCM3         |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

### Electrical data

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 28                             |
| 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                              |
| Inrush Current (A)                                       | 29                             |
| 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 10A B Breaker                        | 13                             |
| 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 |

## RANA LED Recessed 1200

RANA LED R 1200 LO 4K LOUV+PRI DALI W GEN2  
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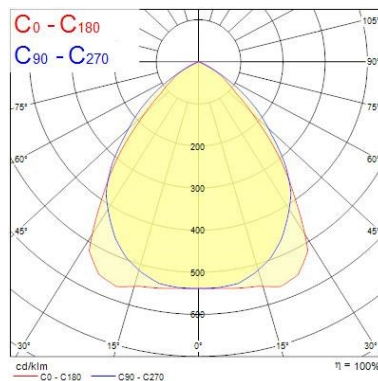
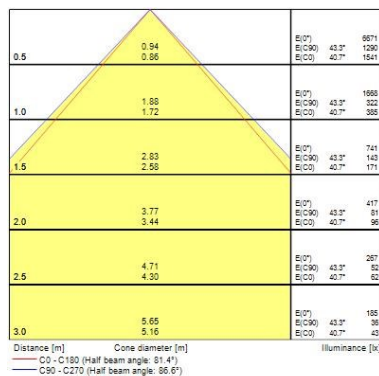
### Physical data

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1196             |
| Nominal Product Width (mm)  | 296              |
| Weight (kg)                 | 5.6              |
| Recessed Depth (mm)         | 120              |

### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288524276 |
| Packaging single length / height (cm) | 124.5         |
| Packaging single width (cm)           | 6.5           |
| Packaging single depth (cm)           | 32.0          |
| Units per outer package               | 1             |
| Packaging outer width (cm)            | 6.5           |
| Packaging outer depth (cm)            | 32.0          |

## PHOTOMETRY



## TECHNICAL DRAWINGS

