

RANA LED R 600 HO 3K LOUV+PRI 1-10 W GEN2  
0052413



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: 570x285mm, 1-10V Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 4300lm, 40W, 108lm/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.

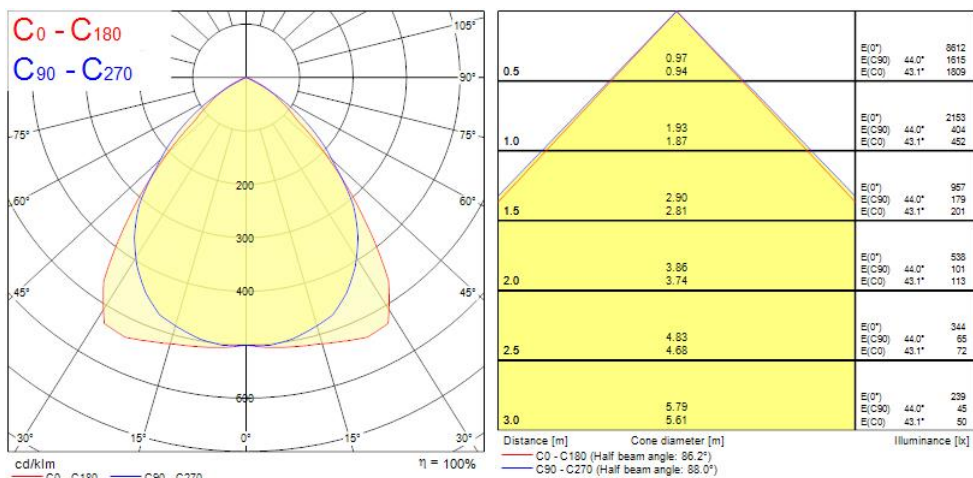
Product Overview

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Product name                    | RANA LED R 600 HO 3K LOUV+PRI 1-10 W GEN2 |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Steel                                     |
| Mount                           | Ceiling recessed mounting                 |
| E-number FI                     | 4273770                                   |
| Fixture luminous flux (lm)      | 4300                                      |
| Luminaire efficacy (lm/W)       | 108                                       |
| Colour temperature (K)          | 3000                                      |
| Light colour                    | Warm White                                |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | 3                                         |
| Glare control                   | < 19                                      |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 40                                        |
| Electrical protection           | Class I                                   |

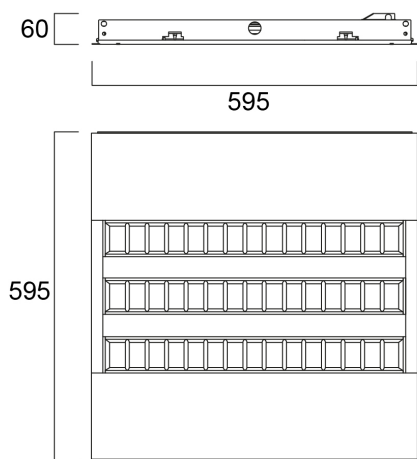
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|                    |                             |
|--------------------|-----------------------------|
| Control gear type  | LED driver constant current |
| Housing colour     | White                       |
| IP rating          | IP20                        |
| IK rating          | IK07                        |
| Product EAN number | 5410288524139               |
| Warranty           | 5 years                     |

Photometry



Technical drawings





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Data table

GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | RANA LED R 600 HO 3K LOUV+PRI 1-10 W GEN2 |
| Technology                              | LED                                       |
| Cap/Base                                | N/A                                       |
| Housing                                 | Steel                                     |
| Mount                                   | Ceiling recessed mounting                 |
| Performance ambient temperature Tq (°C) | 25                                        |
| E-number FI                             | 4273770                                   |
| Warranty                                | 5 years                                   |

OPTICAL DATA

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 4300       |
| Luminaire efficacy (lm/W)       | 108        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Glare control                   | < 19       |
| Photobiological Risk Group      | RG0        |

ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 40                          |
| Primary Supply/Product voltage - min (V) | 220                         |
| Lamp power factor                        | 0.95                        |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Drive current (mA)                       | 275                         |
| Inrush Current (A)                       | 45                          |
| Inrush Duration (µs)                     | 100                         |

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|                                                          |         |
|----------------------------------------------------------|---------|
| 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                          | 31      |
| Max. products per 20A B Breaker                          | 37      |
| 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) | 595              |
| Nominal Product Width (mm)  | 595              |
| Weight (kg)                 | 4.1              |
| Recessed Depth (mm)         | 120              |

### PACKAGING

|                             |               |
|-----------------------------|---------------|
| Single packaging type       | Carton        |
| Product EAN number          | 5410288524139 |
| Packaging single width (cm) | 6.5           |



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|                                      |                |
|--------------------------------------|----------------|
| Packaging single depth (cm)          | 65.0           |
| DUN14 (outer)                        | 05410288524139 |
| Packaging outer length / height (cm) | 62.0           |

SAFETY DATA

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