



### Features

- Ceiling recessed luminaire, dimensions: 595 x 595 x 52mm, white (RAL9016) coated body, satin aluminium reflector (double symmetrical light distribution), for 2 x Helios LED T5 lamps (lamps not included), constant current LED driver, low LED flicker (+/-5%), 150mA drive current, push-in connector, IP20, IK07

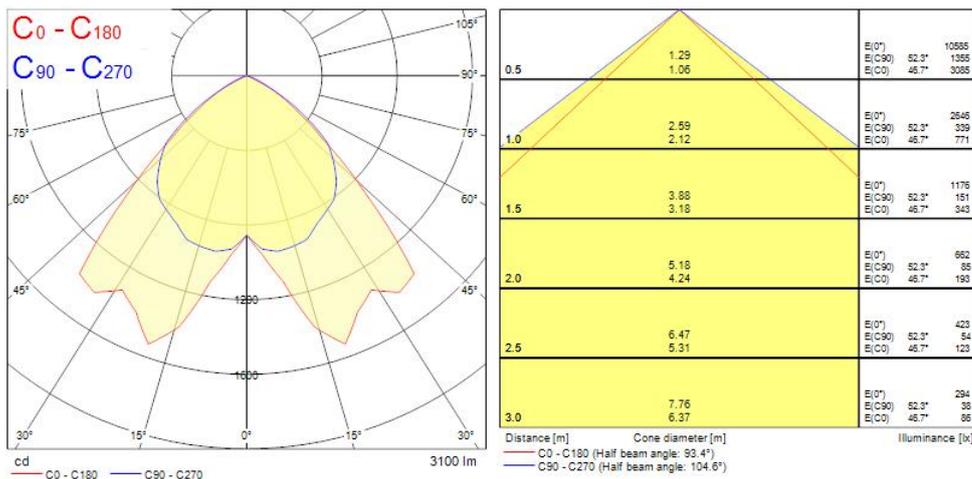
### Product Overview

|                                          |                               |
|------------------------------------------|-------------------------------|
| <b>Product name</b>                      | RANA HELIOS R 600 2L LOUV+PRI |
| <b>Technology</b>                        | LED                           |
| <b>Cap/Base</b>                          | G5                            |
| <b>Housing</b>                           | Steel                         |
| <b>Mount</b>                             | Ceiling recessed mounting     |
| <b>Light source included</b>             | Fixture without Lightsource   |
| <b>General application</b>               | Education, Office             |
| <b>ETIM Class</b>                        | EC002892                      |
| <b>Fixture luminous flux (lm)</b>        | 3100                          |
| <b>Luminaire efficacy (lm/W)</b>         | 141                           |
| <b>Correlated colour temperature (k)</b> | 4000                          |
| <b>Light colour</b>                      | N/A                           |
| <b>CRI (Ra)</b>                          | 85                            |
| <b>Colour Variation Initial (SDCM)</b>   | 3                             |
| <b>Beam Angle (°)</b>                    | 46                            |
| <b>Glare control</b>                     | < 19                          |

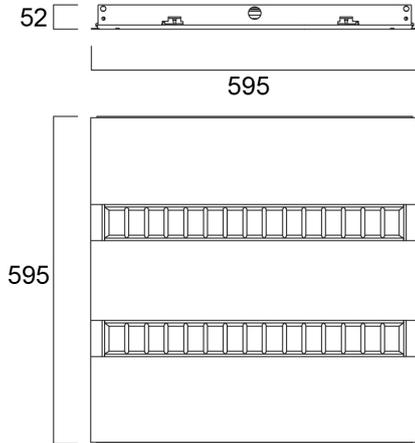
## RANA HELIOS R 600 2L LOUV+PRI 0044994

|                             |                             |
|-----------------------------|-----------------------------|
| Photobiological Risk Group  | RG1                         |
| Total power consumption (W) | 22                          |
| Electrical protection       | Class I                     |
| Control gear type           | LED driver constant current |
| Dimmable                    | No                          |
| Housing colour              | RAL9016                     |
| IP rating                   | IP20                        |
| IK rating                   | IK07                        |
| Product EAN number          | 5410288449944               |
| Warranty                    | 5 years                     |
| Dimming method              | N/A                         |

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

|                                         |                               |
|-----------------------------------------|-------------------------------|
| Product name                            | RANA HELIOS R 600 2L LOUV+PRI |
| Technology                              | LED                           |
| Cap/Base                                | G5                            |
| Housing                                 | Steel                         |
| Mount                                   | Ceiling recessed mounting     |
| General application                     | Education, Office             |
| Operating temperature range (°C)        | 10°C...+25°C                  |
| Performance ambient temperature Tq (°C) | 25                            |
| ETIM Class                              | EC002892                      |
| Warranty                                | 5 years                       |

#### OPTICAL DATA

|                                   |      |
|-----------------------------------|------|
| Fixture luminous flux (lm)        | 3100 |
| Luminaire efficacy (lm/W)         | 141  |
| Correlated colour temperature (k) | 4000 |

## RANA HELIOS R 600 2L LOUV+PRI 0044994

|                                 |           |
|---------------------------------|-----------|
| Light colour                    | N/A       |
| CRI (Ra)                        | 85        |
| Colour Variation Initial (SDCM) | 3         |
| Beam Angle (°)                  | 46        |
| Distribution type               | Symmetric |
| Glare control                   | < 19      |
| Photobiological Risk Group      | RG1       |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Light source included                                                 | Fixture without Lightsource |
| Total power consumption (W)                                           | 22                          |
| Primary Supply/Product voltage - min (V)                              | 220                         |
| Primary Supply/Product voltage - max (V)                              | 240                         |
| Lamp power factor                                                     | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 9                           |
| Electrical protection                                                 | Class I                     |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 150                         |
| Inrush Current (A)                                                    | 32                          |
| Inrush Duration ( $\mu$ s)                                            | 240                         |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| Max. products per 10A C Breaker                                       | 16                          |
| Max. products per 13A C Breaker                                       | 21                          |
| Max. products per 16A C Breaker                                       | 26                          |
| Max. products per 20A C Breaker                                       | 35                          |
| Max. products per 10A B Breaker                                       | 10                          |
| Max. products per 13A B Breaker                                       | 13                          |
| Max. products per 16A B Breaker                                       | 16                          |
| Max. products per 20A B Breaker                                       | 21                          |
| Connectable conductor cross section - Max (mm <sup>2</sup> )          | 2.5                         |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 75000 |
| Lifespan L80 B50 | 50000 |

### PHYSICAL DATA

|                             |         |
|-----------------------------|---------|
| Housing colour              | RAL9016 |
| IP rating                   | IP20    |
| IK rating                   | IK07    |
| Diffuser finish             | Other   |
| Diffuser material           | None    |
| Nominal Product Length (mm) | 595     |
| Nominal Product Width (mm)  | 595     |
| Nominal Product Height (mm) | 52      |
| Weight (kg)                 | 4.5     |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288449944  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288449944 |
| 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

|                                     |       |
|-------------------------------------|-------|
| Glow Wire Test (°C)                 | 850   |
| Optimal operating condition (°C)    | 10-25 |
| Special purpose lamp                | No    |
| Dry applications use only           | No    |
| Suitable for household illumination | No    |

**SYLVANIA**

RANA HELIOS R 600 2L LOUV+PRI  
**0044994**

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**Light your world**