



Features

- RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2



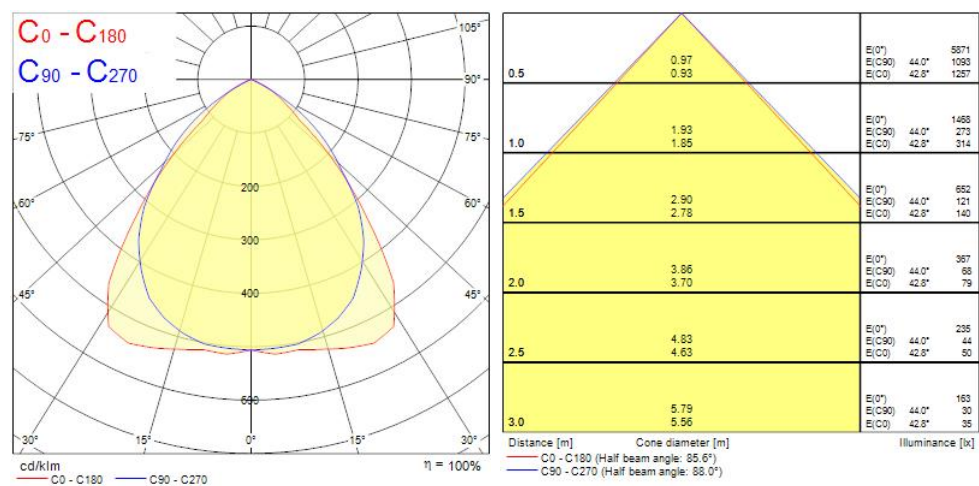
Product Overview

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Product name                    | RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2 |
| Technology                      | LED (3 SDCM)                               |
| Cap/Base                        | N/A                                        |
| Housing                         | Steel                                      |
| Mount                           | Ceiling recessed mounting                  |
| General application             | Education, Hospitality, Office, Retail     |
| ETIM Class                      | EC002892                                   |
| Fixture luminous flux (lm)      | 2900                                       |
| Luminaire efficacy (lm/W)       | 91                                         |
| Light colour                    | Tuneable White                             |
| CRI (Ra)                        | 80                                         |
| Colour Variation Initial (SDCM) | 3                                          |
| Glare control                   | < 19                                       |
| Photobiological Risk Group      | RG1                                        |
| Total power consumption (W)     | 32                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | Electronic ballast                         |
| Dimmable                        | Yes                                        |

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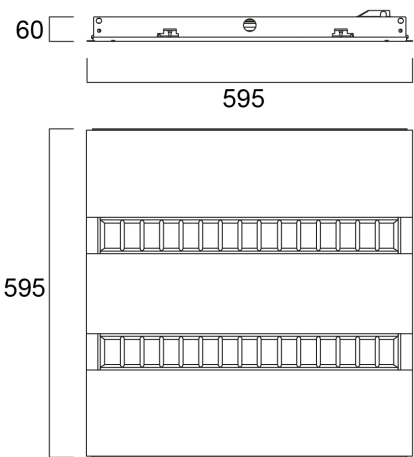
|                           |                        |
|---------------------------|------------------------|
| Minimum dimming level (%) | 1                      |
| LED Flickering Rate       | Ultra low (5% or less) |
| Housing colour            | White                  |
| IP rating                 | IP20                   |
| IK rating                 | IK07                   |
| Product EAN number        | 5410288526904          |
| Warranty                  | 5 years                |
| Dimming method            | SylSmart SSC           |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2 |
| Technology                              | LED (3 SDCM)                               |
| Cap/Base                                | N/A                                        |
| 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) | 2900           |
| Luminaire efficacy (lm/W)  | 91             |
| Light colour               | Tuneable White |

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|                                 |           |
|---------------------------------|-----------|
| CRI (Ra)                        | 80        |
| Colour Variation Initial (SDCM) | 3         |
| Distribution type               | Symmetric |
| Glare control                   | < 19      |
| Photobiological Risk Group      | RG1       |

### ELECTRICAL DATA

|                                                                  |                        |
|------------------------------------------------------------------|------------------------|
| Total power consumption (W)                                      | 32                     |
| Primary Supply/Product voltage - min (V)                         | 220                    |
| Primary Supply/Product voltage - max (V)                         | 240                    |
| Lamp power factor                                                | 0.97                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                     |
| Electrical protection                                            | Class I                |
| Control gear required                                            | No                     |
| Control gear type                                                | Electronic ballast     |
| Dimmable                                                         | Yes                    |
| Dimming method                                                   | SylSmart SSC           |
| Minimum dimming level (%)                                        | 1                      |
| Drive current (mA)                                               | 600                    |
| Inrush Current (A)                                               | 29                     |
| Inrush Duration (µs)                                             | 180                    |
| Energy Efficiency Class (A->G) of contained light source         | C                      |
| Nominal Frequency (Hz)                                           | 50/60Hz                |
| LED Flickering Rate                                              | Ultra low (5% or less) |
| 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                     |
| Max. products per 20A B Breaker                                  | 27                     |

## RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2 0052690

|                                                 |     |
|-------------------------------------------------|-----|
| Connectable conductor cross section - Min (mm²) | 2.5 |
| Connectable conductor cross section - Max (mm²) | 2.5 |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 45000 |
| Lifespan L90 B20 | 41000 |
| Lifespan L90 B10 | 39000 |

### 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)                 | 4.5              |
| Recessed Depth (mm)         | 120              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288526904  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288526904 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |



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|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 6.5  |
| Packaging outer depth (cm) | 65.0 |

SAFETY DATA

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