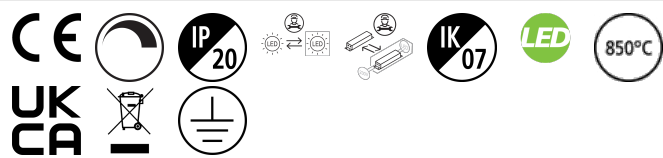
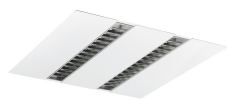


RANA LED Recessed 600 - SylSmart SSC  
RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2  
0052690

- Product 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                                   |
| Warranty                        | 5 years                                    |
| Fixture luminous flux (lm)      | 2900                                       |
| Luminous flux (lm)              | 2900                                       |
| Luminaire efficacy (lm/W)       | 91                                         |
| Light colour                    | Tuneable White                             |
| CRI (Ra)                        | 80                                         |
| Colour Variation Initial (SDCM) | SDCM3                                      |
| Glare control                   | < 19                                       |
| Photobiological Risk Group      | RG1                                        |
| Total power consumption (W)     | 32                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | Electronic ballast                         |
| Dimmable                        | Yes                                        |
| Dimming method                  | SylSmart SSC                               |
| 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                              |

DATA TABLE

|              |                                            |
|--------------|--------------------------------------------|
| General data |                                            |
| Product name | RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2 |

## RANA LED Recessed 600 - SylSmart SSC

*RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2*  
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|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| 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           |
| Luminous flux (lm)                      | 2900           |
| Luminaire efficacy (lm/W)               | 91             |
| Correlated colour temperature range (K) | 3000 - 6000    |
| Light colour                            | Tuneable White |
| CRI (Ra)                                | 80             |
| Colour Variation Initial (SDCM)         | SDCM3          |
| 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                    |
| Glow Wire Test (°C)                                            | 850                    |
| 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                     |

## RANA LED Recessed 600 - SylSmart SSC

*RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2*  
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|                                                 |     |
|-------------------------------------------------|-----|
| Max. products per 16A B Breaker                 | 22  |
| Max. products per 20A B Breaker                 | 27  |
| 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

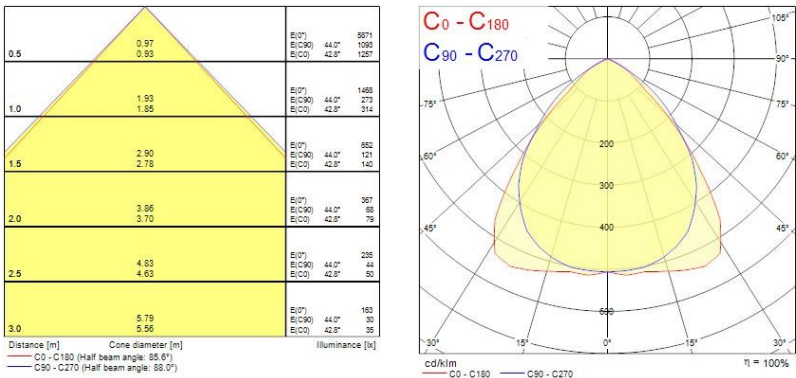
|                             |                  |
|-----------------------------|------------------|
| Housing colour              | White            |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| 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

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

## PHOTOMETRY

RANA LED Recessed 600 - SylSmart SSC  
RANA LED R 600 LO TW LOUV+PRI SSC01 W GEN2  
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TECHNICAL DRAWINGS

