

RANA LED S 1200 LO 3K LOUV+PRI W GEN2  
0051476



Features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x65mm, Constant Current, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 2900lm, 28W, 104lm/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, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

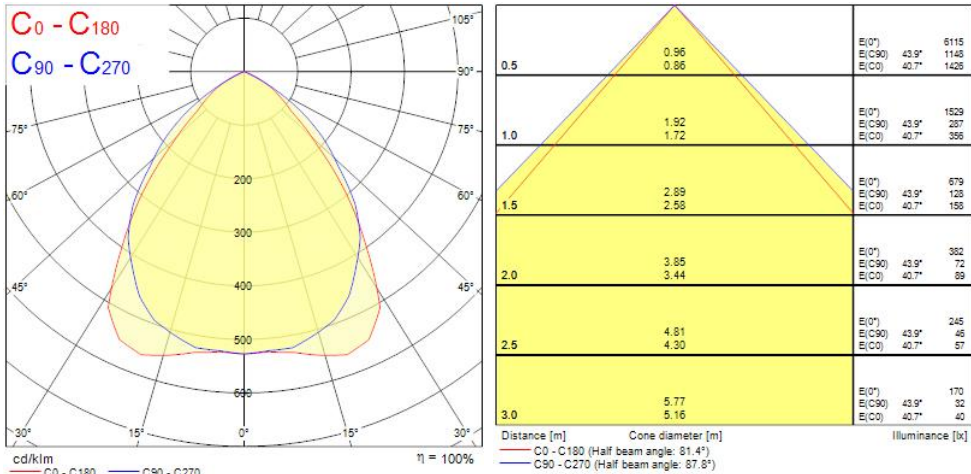
Product Overview

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | RANA LED S 1200 LO 3K LOUV+PRI W GEN2  |
| Technology                      | LED                                    |
| Cap/Base                        | N/A                                    |
| Housing                         | Steel                                  |
| Mount                           | Ceiling surface mounting, Suspended    |
| General application             | Office, Hospitality, Retail, Education |
| ETIM Class                      | EC002892                               |
| E-number FI                     | 4273587                                |
| Fixture luminous flux (lm)      | 2900                                   |
| Luminous flux (lm)              | 2900                                   |
| Luminaire efficacy (lm/W)       | 104                                    |
| 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)     | 28                                     |
| Electrical protection           | Class I                                |

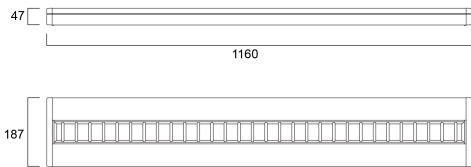
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|                     |                             |
|---------------------|-----------------------------|
| Control gear type   | LED driver constant current |
| Dimmable            | No                          |
| LED Flickering Rate | Ultra low (5% or less)      |
| Housing colour      | White                       |
| IP rating           | IP20                        |
| IK rating           | IK07                        |
| Product EAN number  | 5410288514765               |
| Warranty            | 5 years                     |
| Dimming method      | N/A                         |

Photometry



Technical drawings



Data table

## RANA LED S 1200 LO 3K LOUV+PRI W GEN2 0051476

### GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LED S 1200 LO 3K LOUV+PRI W GEN2  |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling surface mounting, Suspended    |
| General application                     | Office, Hospitality, Retail, Education |
| Operating temperature range (°C)        | 5°C...+25°C                            |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| E-number FI                             | 4273587                                |
| Warranty                                | 5 years                                |

### OPTICAL DATA

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 2900       |
| Luminous flux (lm)              | 2900       |
| Luminaire efficacy (lm/W)       | 104        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Distribution type               | Symmetric  |
| Glare control                   | < 19       |
| Photobiological Risk Group      | RG0        |

### ELECTRICAL DATA

|                                                                  |          |
|------------------------------------------------------------------|----------|
| Total power consumption (W)                                      | 28       |
| Mains voltage (V)                                                | 220-240V |
| Lamp power factor                                                | 0.95     |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20       |
| Electrical protection                                            | Class I  |

## RANA LED S 1200 LO 3K LOUV+PRI W GEN2 0051476

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | No                          |
| Dimming method                                           | N/A                         |
| Drive current (mA)                                       | 275                         |
| Inrush Current (A)                                       | 22                          |
| Inrush Duration (µs)                                     | 250                         |
| 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. Luminaires per 10A C Breaker                        | 28                          |
| Max. Luminaires per 13A C Breaker                        | 36                          |
| Max. Luminaires per 16A C Breaker                        | 45                          |
| Max. Luminaires per 20A C Breaker                        | 56                          |
| Max. Luminaires per 10A B Breaker                        | 17                          |
| Max. Luminaires per 13A B Breaker                        | 22                          |
| Max. Luminaires per 16A B Breaker                        | 27                          |
| Max. Luminaires per 20A B Breaker                        | 34                          |

### 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 |

## RANA LED S 1200 LO 3K LOUV+PRI W GEN2 0051476

|                             |                  |
|-----------------------------|------------------|
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1160             |
| Nominal Product Width (mm)  | 187              |
| Nominal Product Height (mm) | 47               |
| Weight (kg)                 | 3.5              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288514765  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288514765 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 153.5          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 21.0           |

### SAFETY DATA

|                                     |      |
|-------------------------------------|------|
| Optimal operating condition (°C)    | 5-25 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |