

RANA LINEAR S 3KLM WW LOUV+PRI  
0051265



Features

- Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, Warm White LED (3000K), 3200lm, 27W, 119lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C

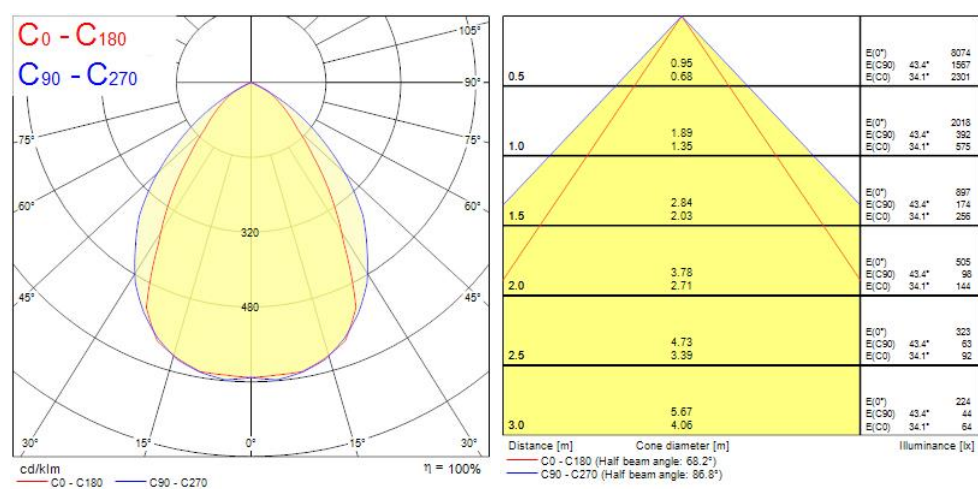
Product Overview

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Product name                    | RANA LINEAR S 3KLM WW LOUV+PRI      |
| Technology                      | LED                                 |
| Cap/Base                        | N/A                                 |
| Housing                         | Steel                               |
| Mount                           | Ceiling surface mounting, Suspended |
| Fixture rating                  | Enclosed                            |
| Environment                     | Internal                            |
| E-number SE                     | 7502663                             |
| Fixture luminous flux (lm)      | 3200                                |
| Luminaire efficacy (lm/W)       | 118.51                              |
| LOR (%)                         | 100                                 |
| Colour temperature (K)          | 3000                                |
| Light colour                    | Warm White                          |
| CRI (Ra)                        | 80                                  |
| Colour Consistency (SDCM)       | 3                                   |
| Colour Variation Initial (SDCM) | 3                                   |
| Glare control                   | < 19                                |
| Photobiological Risk Group      | RG0                                 |
| Total power consumption (W)     | 27                                  |
| Electrical protection           | Class I                             |
| Control gear type               | Electronic ballast                  |

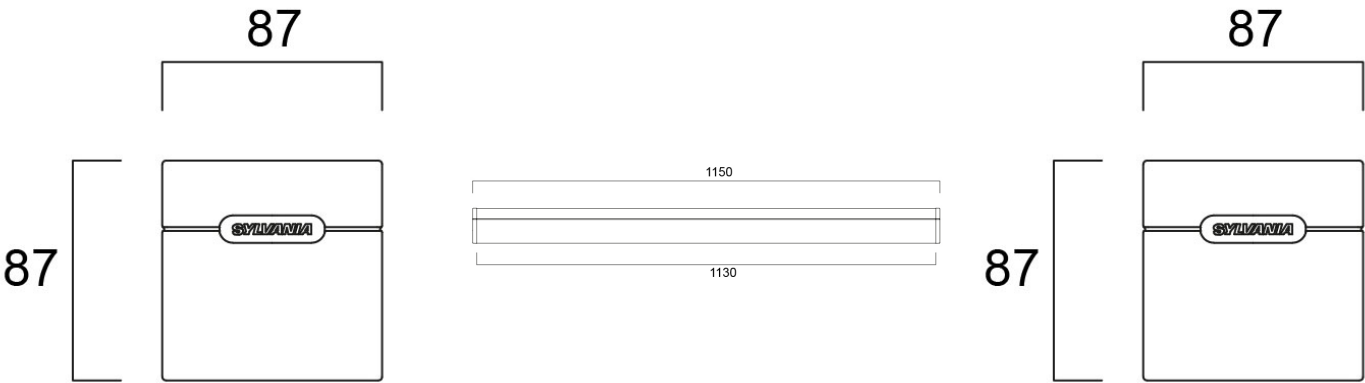
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|                     |                        |
|---------------------|------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP20                   |
| IK rating           | IK07                   |
| Product EAN number  | 5410288512655          |
| Warranty            | 5 years                |

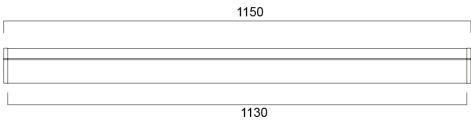
Photometry



Technical drawings



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Data table

GENERAL DATA

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Product name                            | RANA LINEAR S 3KLM WW LOUV+PRI      |
| Technology                              | LED                                 |
| Cap/Base                                | N/A                                 |
| Housing                                 | Steel                               |
| Mount                                   | Ceiling surface mounting, Suspended |
| Fixture rating                          | Enclosed                            |
| Environment                             | Internal                            |
| Operating temperature range (°C)        | -20°C...+40°C                       |
| Performance ambient temperature Tq (°C) | 25                                  |
| E-number SE                             | 7502663                             |
| Warranty                                | 5 years                             |

OPTICAL DATA

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 3200       |
| Luminaire efficacy (lm/W)       | 118.51     |
| LOR (%)                         | 100        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Consistency (SDCM)       | 3          |
| Colour Variation Initial (SDCM) | 3          |
| Adjustable chromaticity         | N          |
| Glare control                   | < 19       |

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|                            |     |
|----------------------------|-----|
| Photobiological Risk Group | RG0 |
|----------------------------|-----|

### ELECTRICAL DATA

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Total power consumption (W)                              | 27                     |
| Primary Supply/Product voltage - min (V)                 | 220                    |
| Lamp power factor                                        | 0.95                   |
| Electrical protection                                    | Class I                |
| Control gear required                                    | No                     |
| Control gear type                                        | Electronic ballast     |
| 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. products per 10A C Breaker                          | 28                     |
| Max. products per 20A B Breaker                          | 34                     |
| Connectable conductor cross section - Min (mm²)          | 2.5                    |
| Connectable conductor cross section - Max (mm²)          | 2.5                    |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B20 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B20 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 60000 |
| Lifespan L90 B20 | 60000 |
| Lifespan L90 B10 | 60000 |

**RANA LINEAR S 3KLM WW LOUV+PRI  
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**PHYSICAL DATA**

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Prismatic        |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1150             |
| Nominal Product Width (mm)  | 87               |
| Weight (kg)                 | 2.85             |

**PACKAGING**

|                                      |               |
|--------------------------------------|---------------|
| Single packaging type                | Carton        |
| Product EAN number                   | 5410288512655 |
| Packaging single width (cm)          | 10.5          |
| Packaging single depth (cm)          | 10.0          |
| DUN14 (outer)                        | 5410288512655 |
| Packaging outer length / height (cm) | 117.0         |

**SAFETY DATA**

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |