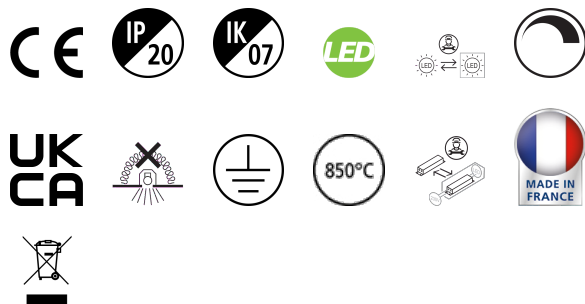


# RANA LINEAR S 3KLM WW LOUV+PRID

Item No: 0051266

**SYLVANIA**

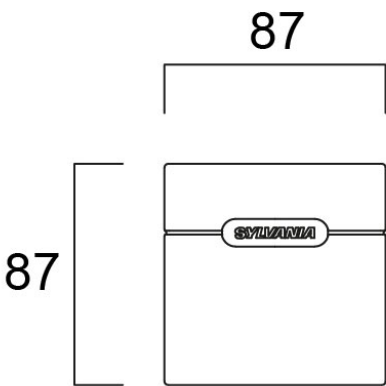
**PRO**<sup>TM</sup>



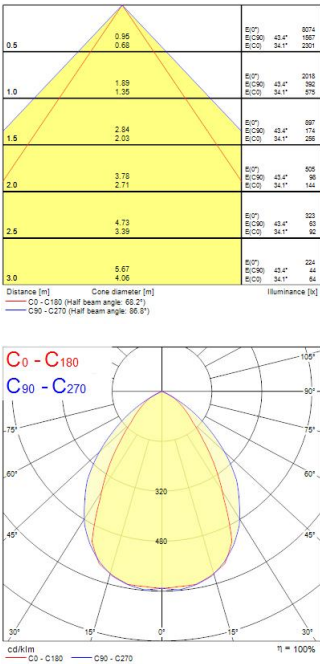
Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), Warm White LED (3000K), 3200lm, 27W, 119lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000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

## Technical Assets

### Dimensions (mm)



### Photometrics



# RANA LINEAR S 3KLM WW LOUV+PRI D

Item No: 0051266

**SYLVANIA**

## General data

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Product name                            | RANA LINEAR S 3KLM WW LOUV+PRI D    |
| Technology                              | LED                                 |
| Cap/Base                                | N/A                                 |
| Housing                                 | Steel                               |
| Mount                                   | Ceiling surface mounting, Suspended |
| Built in presence detector              | NONE                                |
| Fixture rating                          | Enclosed                            |
| Environment                             | Internal                            |
| General application                     | Office, Education, Retail           |
| Operating temperature range (°C)        | -20°C...+40°C                       |
| Performance ambient temperature Tq (°C) | 25                                  |
| Virtual assistant compatibility         | N/A                                 |
| ETIM Class                              | EC002892                            |
| E-number SE                             | 7502662                             |
| Warranty                                | 5 years                             |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 3200       |
| Luminaire efficacy (lm/W)         | 119        |
| LOR (%)                           | 100        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Colour Consistency (SDCM)         | 3          |
| Adjustable chromaticity           | N          |
| Distribution type                 | Symmetric  |
| Glare control                     | < 19       |
| Photobiological Risk Group        | RG0        |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency type                                                   |                             |
| Total power consumption (W)                                      | 27                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| Lamp power factor                                                | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI-2                      |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 275                         |
| Inrush Current (A)                                               | 22.4                        |
| Inrush Duration (µs)                                             | 176                         |
| 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                          |
| Connectable conductor cross section - Min (mm²)                  | 0.75                        |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

# RANA LINEAR S 3KLM WW LOUV+PRID

Item No: 0051266



## 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 |

## Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Diffuser finish             | Prismatic                        |
| Diffuser material           | PC Polycarbonate                 |
| Reflector finish            | Not Applicable                   |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 87                               |
| Nominal Product Height (mm) | 87                               |
| Weight (kg)                 | 2.95                             |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288512662  |
| Packaging single length / height (cm) | 116.5          |
| Packaging single width (cm)           | 10.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (inner)                         | 05410288512662 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 116.5          |
| Packaging outer width (cm)            | 10.5           |
| Packaging outer depth (cm)            | 10.0           |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -20-40 |