

## RANA Linear Surface&Suspended - Louvre+Prismatic Optic

### RANA LINEAR S 3KLM NW LOUV+PRI D

#### 0051263



#### Product features

- Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), Neutral White LED (4000K), 3250lm, 27W, 120lm/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 NW LOUV+PRI D       |
| Technology                  | LED                                    |
| Cap/Base                    | N/A                                    |
| Housing                     | Steel                                  |
| Mount                       | Ceiling surface mounting, Suspended    |
| Fixture rating              | Enclosed                               |
| General application         | Office, Hospitality, Retail, Education |
| E-number SE                 | 7502664                                |
| Warranty                    | 5 years                                |
| Fixture luminous flux (lm)  | 3250                                   |
| Luminaire efficacy (lm/W)   | 120.37                                 |
| LOR (%)                     | 100                                    |
| Colour temperature (K)      | 4000                                   |
| Light colour                | Neutral White                          |
| Colour Consistency (SDCM)   | 3                                      |
| Glare control               | < 19                                   |
| Photobiological Risk Group  | RG0                                    |
| Total power consumption (W) | 27                                     |
| Electrical protection       | Class I                                |
| Control gear type           | Electronic ballast                     |
| Dimmable                    | Yes                                    |
| Dimming method              | DALI                                   |
| Minimum dimming level (%)   | 1                                      |
| Housing colour              | RAL 9016 - Traffic white / Bezel       |
| IP rating                   | IP20                                   |
| IK rating                   | IK07                                   |
| Product EAN number          | 5410288512631                          |

### DATA TABLE

#### General data

|              |                                  |
|--------------|----------------------------------|
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|--------------|----------------------------------|

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|-----------------------------------------|----------------------------------------|
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling surface mounting, Suspended    |
| Fixture rating                          | Enclosed                               |
| General application                     | Office, Hospitality, Retail, Education |
| Operating temperature range (°C)        | -25°C...+40°C                          |
| Performance ambient temperature Tq (°C) | 25                                     |
| E-number SE                             | 7502664                                |
| Warranty                                | 5 years                                |

### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 3250          |
| Luminaire efficacy (lm/W)  | 120.37        |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| Colour Consistency (SDCM)  | 3             |
| Glare control              | < 19          |
| Photobiological Risk Group | RG0           |

### Electrical data

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| Total power consumption (W)                                    | 27                 |
| Mains voltage (V)                                              | 220-240V           |
| 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                                              | Electronic ballast |
| Transformer required                                           | Yes                |
| Dimmable                                                       | Yes                |
| Dimming method                                                 | DALI               |
| Minimum dimming level (%)                                      | 1                  |
| Inrush Current (A)                                             | 29                 |
| Glow Wire Test (°C)                                            | 850                |
| Energy Efficiency Class (A->G) of contained light source       | C                  |
| Nominal Frequency (Hz)                                         | 50/60Hz            |
| Max. Luminaires per 10A C Breaker                              | 21                 |
| Max. Luminaires per 13A C Breaker                              | 28                 |
| Max. Luminaires per 10A B Breaker                              | 13                 |
| Max. Luminaires per 16A B Breaker                              | 22                 |
| Max. Luminaires per 20A B Breaker                              | 27                 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |

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|                  |       |
|------------------|-------|
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 72000 |
| Lifespan L90 B20 | 50000 |
| Lifespan L90 B10 | 46000 |

#### Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK07                             |
| Diffuser finish             | Prismatic                        |
| Diffuser material           | PC Polycarbonate                 |
| Reflector finish            | Matt                             |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 87                               |
| Weight (kg)                 | 2.95                             |

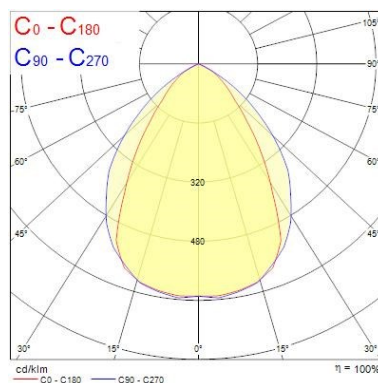
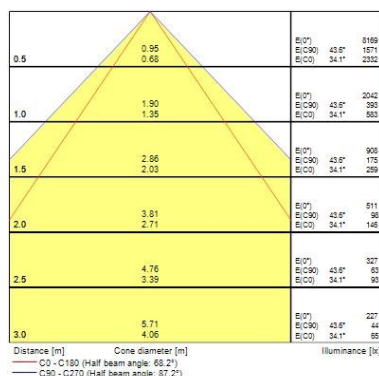
#### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288512631 |
| Packaging single length / height (cm) | 116.5         |
| Packaging single width (cm)           | 10.5          |
| Packaging single depth (cm)           | 10.0          |
| Units per outer package               | 1             |
| Packaging outer width (cm)            | 10.5          |
| Packaging outer depth (cm)            | 10.0          |

#### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -25-40 |
|----------------------------------|--------|

## PHOTOMETRY



## TECHNICAL DRAWINGS

**RANA Linear Surface&Suspended - Louvre+Prismatic Optic**  
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