



Features

- Ceiling recessed LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1154mm x 90mm x 91mm, 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, Can be covered with building insulation of Glass wool type

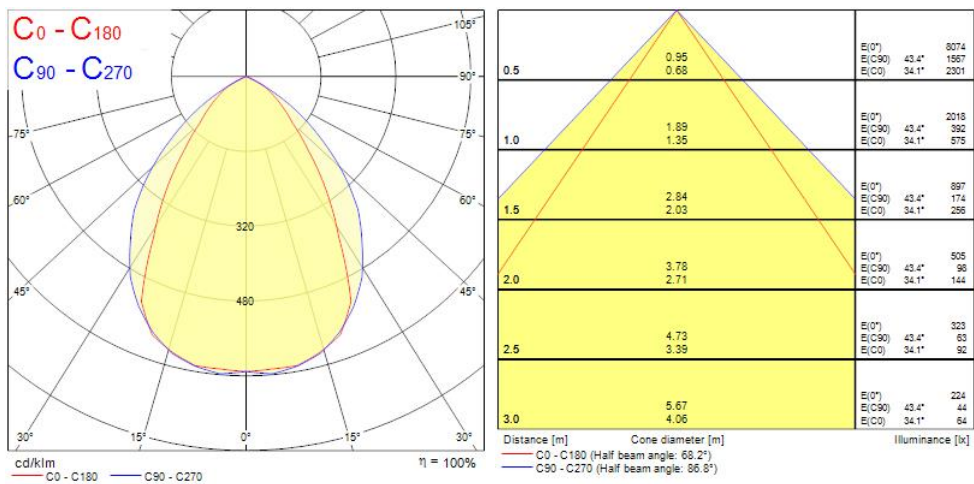
Product Overview

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Product name                      | RANA LINEAR R 3KLM WW LOUV+PRI D       |
| Technology                        | LED                                    |
| Cap/Base                          | N/A                                    |
| Housing                           | Steel                                  |
| Mount                             | Ceiling recessed mounting              |
| Fixture rating                    | Enclosed                               |
| Environment                       | Internal                               |
| General application               | Office, Hospitality, Retail, Education |
| ETIM Class                        | EC002892                               |
| Fixture luminous flux (lm)        | 3200                                   |
| Luminaire efficacy (lm/W)         | 118.51                                 |
| LOR (%)                           | 100                                    |
| Correlated colour temperature (k) | 3000                                   |
| Light colour                      | Warm White                             |
| CRI (Ra)                          | 80                                     |
| Colour Consistency (SDCM)         | 3                                      |
| Glare control                     | < 19                                   |
| Photobiological Risk Group        | RG0                                    |
| Total power consumption (W)       | 27                                     |

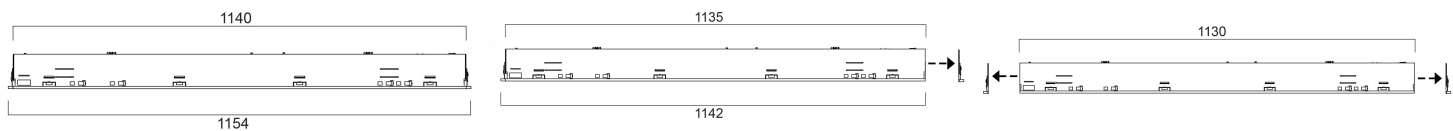
RANA LINEAR R 3KLM WW LOUV+PRI D  
0052356

|                           |                    |
|---------------------------|--------------------|
| Electrical protection     | Class I            |
| Control gear type         | Electronic ballast |
| Dimmable                  | Yes                |
| Minimum dimming level (%) | 1                  |
| Housing colour            | RAL9016            |
| IP rating                 | IP20               |
| IK rating                 | IK07               |
| Product EAN number        | 5410288523569      |
| Warranty                  | 5 years            |
| Dimming method            | DALI               |

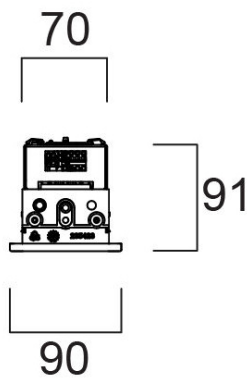
Photometry



Technical drawings



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Data table

GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LINEAR R 3KLM WW LOUV+PRI D       |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling recessed mounting              |
| Fixture rating                          | Enclosed                               |
| Environment                             | Internal                               |
| General application                     | Office, Hospitality, Retail, Education |
| Operating temperature range (°C)        | -25°C...+40°C                          |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| Warranty                                | 5 years                                |

OPTICAL DATA

|                                   |        |
|-----------------------------------|--------|
| Fixture luminous flux (lm)        | 3200   |
| Luminaire efficacy (lm/W)         | 118.51 |
| LOR (%)                           | 100    |
| Correlated colour temperature (k) | 3000   |

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|                            |            |
|----------------------------|------------|
| Light colour               | Warm White |
| CRI (Ra)                   | 80         |
| Colour Consistency (SDCM)  | 3          |
| Adjustable chromaticity    | N          |
| Glare control              | < 19       |
| Photobiological Risk Group | RG0        |

### ELECTRICAL DATA

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 27                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Primary Supply/Product voltage - max (V)                 | 240                |
| Electrical protection                                    | Class I            |
| Control gear required                                    | No                 |
| Control gear type                                        | Electronic ballast |
| Dimmable                                                 | Yes                |
| Dimming method                                           | DALI               |
| Minimum dimming level (%)                                | 1                  |
| Drive current (mA)                                       | 275                |
| Inrush Current (A)                                       | 53                 |
| Inrush Duration (µs)                                     | 300                |
| Energy Efficiency Class (A->G) of contained light source | C                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Max. products per 16A C Breaker                          | 22                 |
| 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 |

## RANA LINEAR R 3KLM WW LOUV+PRI D 0052356

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

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| 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)  | 90               |
| Nominal Product Height (mm) | 91               |
| Weight (kg)                 | 3.15             |
| Recessed Depth (mm)         | 90               |

### PACKAGING

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5410288523569 |
| Packaging single length / height (cm) | 117.0         |
| Packaging single width (cm)           | 10.5          |
| Packaging single depth (cm)           | 11.5          |
| DUN14 (inner)                         | 5410288523569 |
| Units per outer package               | 1             |
| Packaging outer length / height (cm)  | 117.0         |
| Packaging outer width (cm)            | 10.5          |
| Packaging outer depth (cm)            | 11.5          |

### SAFETY DATA

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -25-40 |
| Special purpose lamp             | No     |



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|                                     |    |
|-------------------------------------|----|
| Dry applications use only           | No |
| Suitable for household illumination | No |