

# RANA LINEAR R 3KLM NW LOUVV+PRI

Item No: 0052352



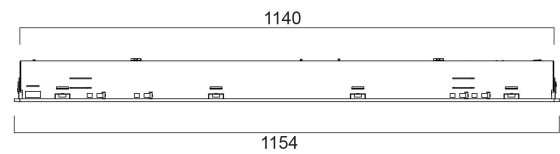
PRO



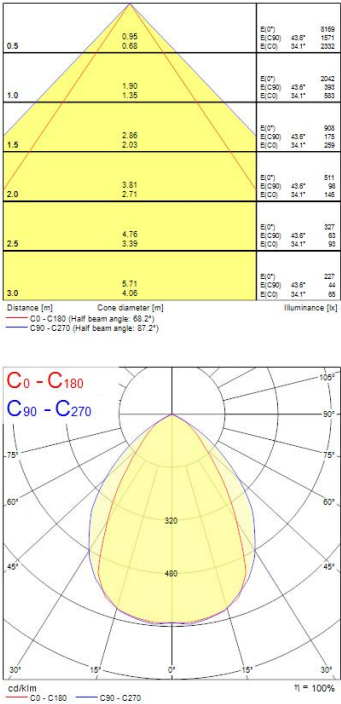
Ceiling recessed LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, Neutral White LED (4000K), 3250lm, 27W, 120lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C, Can be covered with building insulation of Glass wool type

## Technical Assets

### Dimensions (mm)



### Photometrics



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## General data

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LINEAR R 3KLM NW LOUV+PRI         |
| 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

|                                   |               |
|-----------------------------------|---------------|
| Useful luminous flux (Φuse)       | 3250          |
| Fixture luminous flux (lm)        | 3250          |
| Luminaire efficacy (lm/W)         | 120.37        |
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral 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

|                                                                  |                        |
|------------------------------------------------------------------|------------------------|
| Total power consumption (W)                                      | 27                     |
| Primary Supply/Product voltage - min (V)                         | 220                    |
| Primary Supply/Product voltage - max (V)                         | 240                    |
| Lamp power factor                                                | 0.95                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 20                     |
| Electrical protection                                            | Class I                |
| Control gear type                                                | Electronic ballast     |
| Dimmable                                                         | No                     |
| Dimming method                                                   | N/A                    |
| Drive current (mA)                                               | 275                    |
| Inrush Current (A)                                               | 22                     |
| Inrush Duration (µs)                                             | 250                    |
| 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 13A C Breaker                                  | 36                     |
| Max. products per 16A C Breaker                                  | 45                     |
| Max. products per 20A C Breaker                                  | 56                     |
| Max. products per 10A B Breaker                                  | 17                     |
| Max. products per 13A B Breaker                                  | 22                     |
| Max. products per 16A B Breaker                                  | 27                     |
| Max. products per 20A B Breaker                                  | 34                     |
| Connectable conductor cross section - Min (mm²)                  | 2.5                    |
| Connectable conductor cross section - Max (mm²)                  | 2.5                    |

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## 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            | Matt                             |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 90                               |
| Nominal Product Height (mm) | 91                               |
| Weight (kg)                 | 3.05                             |
| Recessed Depth (mm)         | 90                               |

## Packaging

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5410288523521 |
| Packaging single length / height (cm) | 117.09        |
| Packaging single width (cm)           | 10.52         |
| Packaging single depth (cm)           | 11.51         |
| DUN14 (inner)                         | 5410288523521 |
| Units per outer package               | 1             |
| Packaging outer length / height (cm)  | 117.09        |
| Packaging outer width (cm)            | 10.52         |
| Packaging outer depth (cm)            | 11.51         |

## Safety data

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -25-40 |