# RANA Linear Recessed - Opal Diffuser

*RANA LINEAR R 3KLM NW OPAL 1-10 EM*

**0052374**



**Product features**

- Ceiling recessed LED Linear luminaire with Opal diffuser, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, 1-10V Dimmable, Emergency 3 hours maintained, Neutral White LED (4000K), 3210lm, 35W, 92lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<23, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C, Can be covered with building insulation of Glass wool type

## PRODUCT OVERVIEW

| | |
|---|---|
| **IPC Code** | 0052374 |
| **Product name** | RANA LINEAR R 3KLM NW OPAL 1-10 EM |
| **Technology** | LED |
| **Housing** | Steel |
| **Mount** | Ceiling recessed |
| **Fixture rating** | Enclosed |
| **Environment** | Internal |
| **General application** | Office,Hospitality,Retail,Education, |
| **Certifications** | EUNEW001 |
| **ETIM Class** | EC002892 |
| **Fixture luminous flux (lm)** | 3210 |
| **Luminaire efficacy (lm/W)** | 91.71 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 4000 |
| **Light colour** | Neutral White |
| **CRI (Ra)** | 80 |
| **Colour Consistency (SDCM)** | 3 |
| **Glare control** | UGR<23 |
| **Photobiological Risk Group** | Group 0 |
| **Total power consumption (W)** | 35 |
| **Electrical protection** | Class I |
| **Control gear type** | Electronic |
| **Minimum dimming level (%)** | 90 |
| **Housing colour** | White RAL 9016 |
| **IP rating** | IP20 |
| **IK rating** | IK07 |
| **Product EAN number** | 5410288523743 |
| **Luminous flux (emergency) (lm)** | 452 |
| **Lamps** | Yes |
| **Included lamp** | INTEGRATED LED |



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## DATA TABLE

### General data

| | |
|---|---|
| **IPC Code** | 0052374 |
| **Product name** | RANA LINEAR R 3KLM NW OPAL 1-10 EM |
| **Technology** | LED |
| **Housing** | Steel |
| **Mount** | Ceiling recessed |
| **Fixture rating** | Enclosed |
| **Environment** | Internal |
| **General application** | Office,Hospitality,Retail,Education, |
| **Operating temperature range (°C)** | +5 to +30 |
| **Certifications** | EUNEW001 |
| **ETIM Class** | EC002892 |

### Optical data

| | |
|---|---|
| **Fixture luminous flux (lm)** | 3210 |
| **Luminaire efficacy (lm/W)** | 91.71 |
| **LOR (%)** | 100 |
| **Colour temperature (K)** | 4000 |
| **Light colour** | Neutral White |
| **CRI (Ra)** | 80 |
| **Colour Consistency (SDCM)** | 3 |
| **Adjustable chromaticity** | N |
| **Distribution type** | Direct |
| **Glare control** | UGR<23 |
| **Photobiological Risk Group** | Group 0 |
| **Emergency duration (h)** | 3.0 |

### Electrical data

| | |
|---|---|
| **Total power consumption (W)** | 35 |
| **Mains voltage (V)** | 220-240V~ |
| **Electrical protection** | Class I |
| **Control gear type** | Electronic |
| **Minimum dimming level (%)** | 90 |
| **Drive current (mA)** | 300 |
| **Inrush Current (A)** | 10 |
| **Inrush Duration (µs)** | 100 |
| **Glow Wire Test (°C)** | 850 |
| **Lamp Energy Label (class)** | A++ |
| **Nominal Frequency (Hz)** | 50/60Hz |
| **Max. Luminaires per 16A C Breaker** | 51 |

### Lifetime data

| | |
|---|---|
| **Lumen maintenance - L70 B50** | 60000 |
| **Lumen maintenance - L70 B20** | 60000 |
| **Lumen maintenance - L70 B10** | 60000 |
| **Lumen maintenance - L80 B50** | 60000 |
| **Lumen maintenance - L80 B20** | 60000 |



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| | |
|---|---|
| **Lumen maintenance - L80 B10** | 60000 |
| **Lumen maintenance - L90 B50** | 60000 |
| **Lumen maintenance - L90 B20** | 60000 |
| **Lumen maintenance - L90 B10** | 60000 |

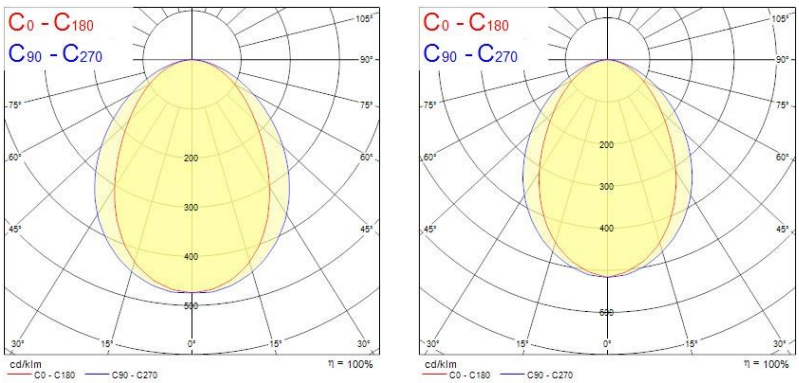
### Physical data

| | |
|---|---|
| **Housing colour** | White RAL 9016 |
| **IP rating** | IP20 |
| **IK rating** | IK07 |
| **Diffuser finish** | Opal Diffuser |
| **Diffuser material** | Polycarbonate |
| **Nominal Product Length (mm)** | 1150 |
| **Nominal Product Width (mm)** | 90 |
| **Nominal Product Height (mm)** | 91 |
| **Weight (kg)** | 3.75 |
| **Recessed Depth (mm)** | 90 |

### Packaging

| | |
|---|---|
| **Single packaging type** | Carton |
| **Product EAN number** | 5410288523743 |
| **Packaging single length / height (cm)** | 117.0 |
| **Packaging single width (cm)** | 10.5 |
| **Packaging single depth (cm)** | 11.5 |
| **DUN14 (outer)** | 5410288523743 |
| **Units per outer package** | 1 |
| **Packaging outer length / height (cm)** | 117.0 |
| **Packaging outer width (cm)** | 10.5 |
| **Packaging outer depth (cm)** | 11.5 |

## PHOTOMETRY






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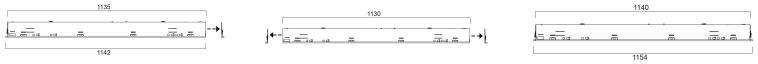
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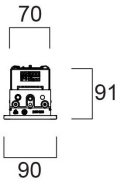
*RANA LINEAR R 3KLM NW OPAL 1-10 EM*

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## TECHNICAL DRAWINGS



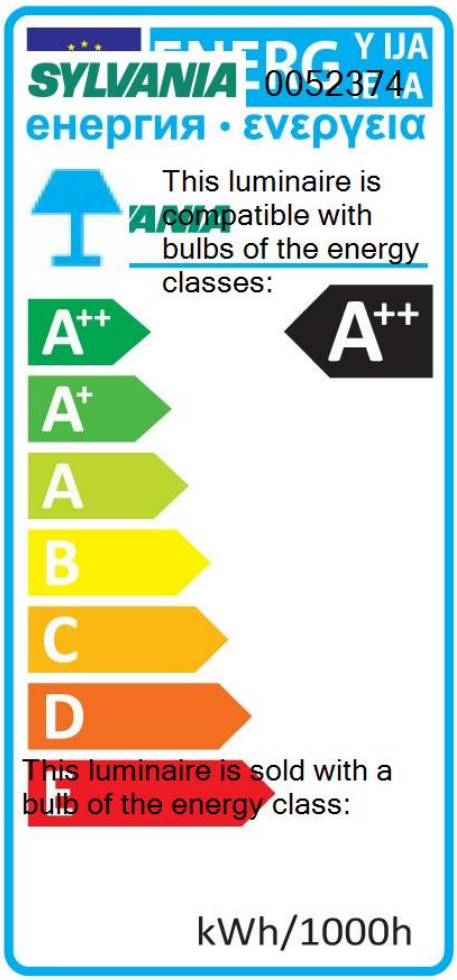



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