

Features

- Ceiling recessed LED Linear luminaire with Opal diffuser, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, DALI Dimmable (Switch-Dim), 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

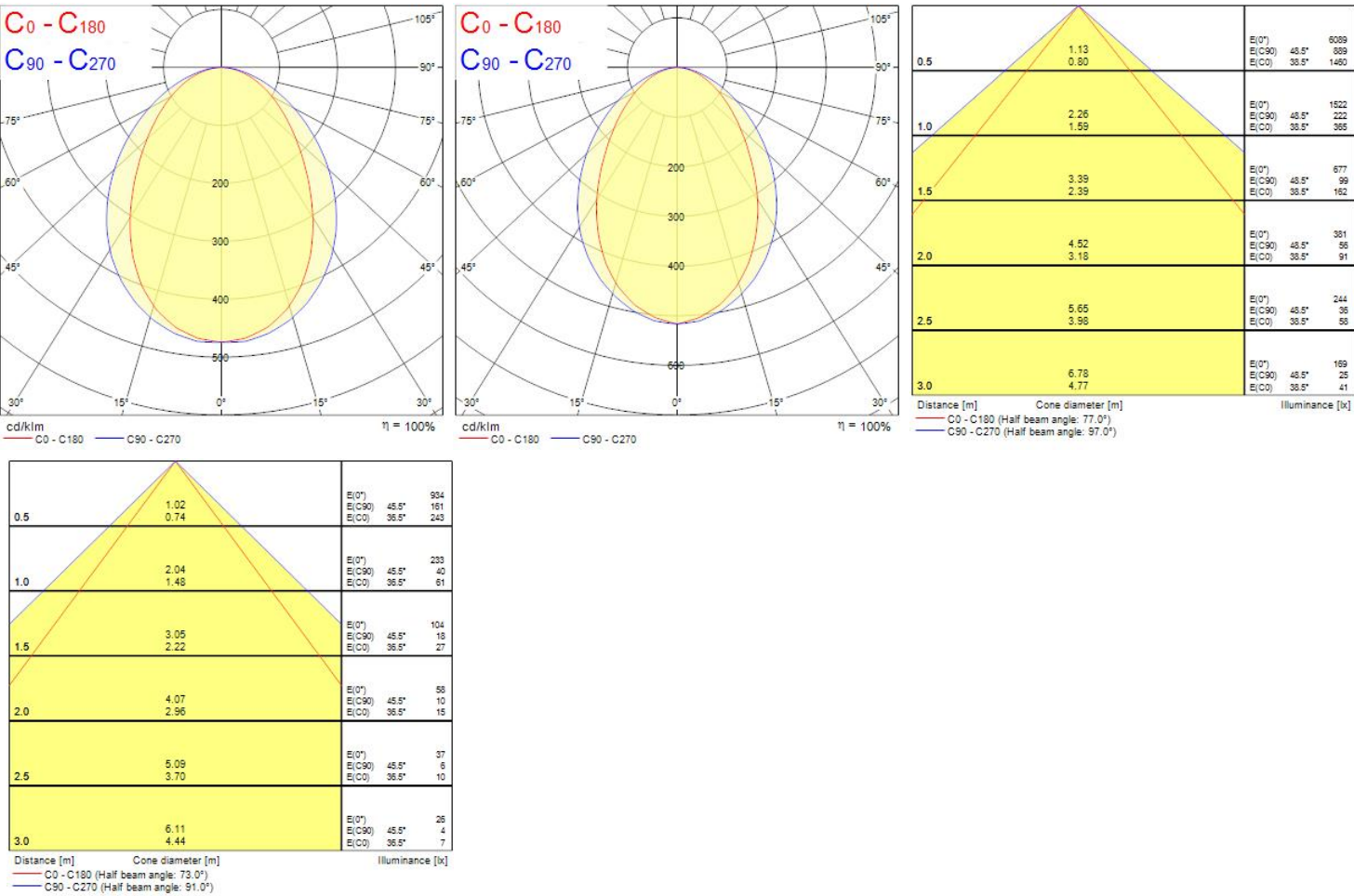
Product Overview

|                             |                                    |
|-----------------------------|------------------------------------|
| Product name                | RANA LINEAR R 3KLM NW OPAL D EMPRO |
| Technology                  | LED                                |
| Cap/Base                    | N/A                                |
| Housing                     | Steel                              |
| Mount                       | Ceiling recessed mounting          |
| Fixture rating              | Enclosed                           |
| Environment                 | Internal                           |
| 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               | < 23                               |
| Photobiological Risk Group  | RG0                                |
| Total power consumption (W) | 35                                 |
| Electrical protection       | Class I                            |
| Control gear type           | Electronic ballast                 |

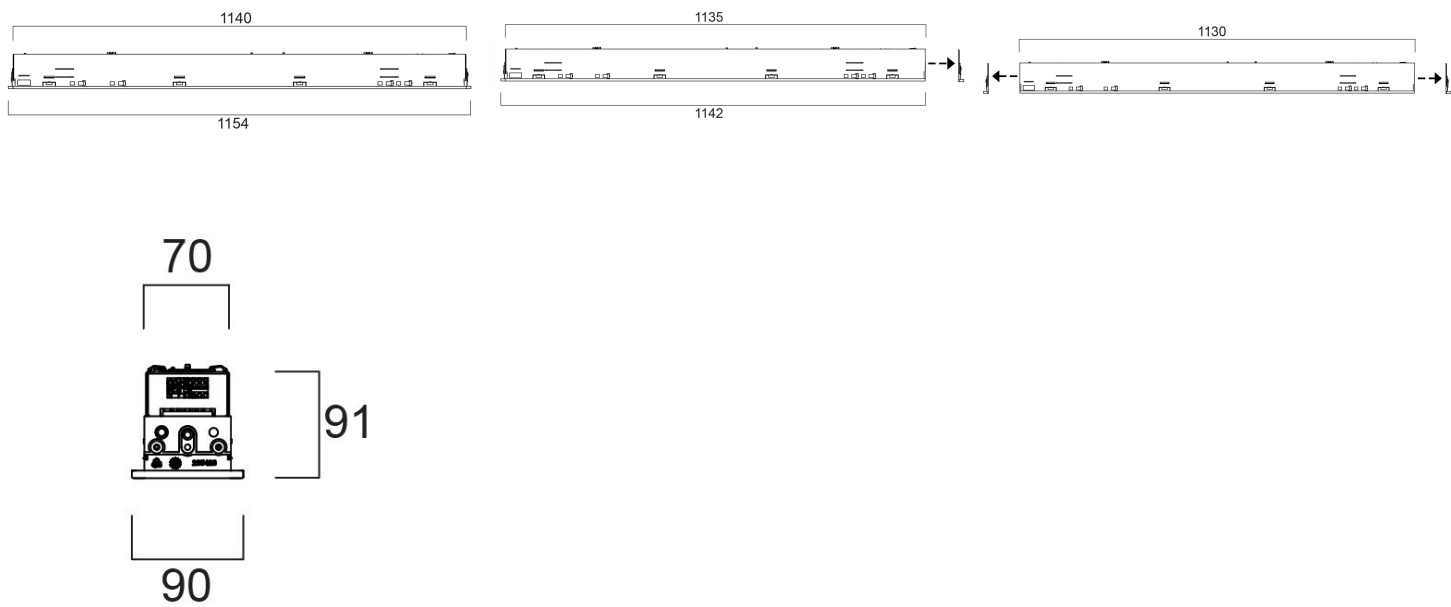
RANA LINEAR R 3KLM NW OPAL D EMPRO  
0052373

|                    |                                  |
|--------------------|----------------------------------|
| Housing colour     | RAL 9016 - Traffic white / Bezel |
| IP rating          | IP20                             |
| IK rating          | IK07                             |
| Product EAN number | 5410288523736                    |
| Warranty           | 5 years                          |

Photometry



Technical drawings



Data table

GENERAL DATA

|                                         |                                    |
|-----------------------------------------|------------------------------------|
| Product name                            | RANA LINEAR R 3KLM NW OPAL D EMPRO |
| Technology                              | LED                                |
| Cap/Base                                | N/A                                |
| Housing                                 | Steel                              |
| Mount                                   | Ceiling recessed mounting          |
| Fixture rating                          | Enclosed                           |
| Environment                             | Internal                           |
| Operating temperature range (°C)        | 5°C...+30°C                        |
| Performance ambient temperature Tq (°C) | 25                                 |

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|          |         |
|----------|---------|
| Warranty | 5 years |
|----------|---------|

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             |
| Glare control              | < 23          |
| Photobiological Risk Group | RG0           |
| Emergency duration (h)     | 3.0           |

ELECTRICAL DATA

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 35                 |
| Primary Supply/Product voltage - min (V)                 | 220                |
| Electrical protection                                    | Class I            |
| Control gear required                                    | No                 |
| Control gear type                                        | Electronic ballast |
| Drive current (mA)                                       | 300                |
| Inrush Current (A)                                       | 10                 |
| Inrush Duration (µs)                                     | 300                |
| Glow Wire Test (°C)                                      | 850                |
| Energy Efficiency Class (A->G) of contained light source | C                  |
| Nominal Frequency (Hz)                                   | 50/60Hz            |
| Connectable conductor cross section - Min (mm²)          | 2.5                |
| Connectable conductor cross section - Max (mm²)          | 2.5                |

LIFETIME DATA

## RANA LINEAR R 3KLM NW OPAL D EMPRO 0052373

|                  |       |
|------------------|-------|
| 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             | Opal                             |
| Diffuser material           | PC Polycarbonate                 |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 90                               |
| Weight (kg)                 | 3.75                             |
| Recessed Depth (mm)         | 90                               |

### PACKAGING

|                                      |               |
|--------------------------------------|---------------|
| Single packaging type                | Carton        |
| Product EAN number                   | 5410288523736 |
| Packaging single width (cm)          | 10.5          |
| Packaging single depth (cm)          | 11.5          |
| DUN14 (outer)                        | 5410288523736 |
| Packaging outer length / height (cm) | 117.0         |

### SAFETY DATA

|                                     |      |
|-------------------------------------|------|
| Optimal operating condition (°C)    | 5-30 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |

# **SYLVANIA**

RANA LINEAR R 3KLM NW OPAL D EMPRO  
**0052373**

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**Light your world**