

RANA LINEAR S 3KLM NW OPAL D EMPRO  
0051284



Features

- Surface or Suspended LED Linear luminaire with Opal diffuser, Dimensions: 1150mm x 87mm x 87mm, 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

Product Overview

|                                |                                        |
|--------------------------------|----------------------------------------|
| Product name                   | RANA LINEAR S 3KLM NW OPAL D EMPRO     |
| Technology                     | LED                                    |
| Cap/Base                       | N/A                                    |
| Housing                        | Steel                                  |
| Mount                          | Ceiling surface mounting, Suspended    |
| Fixture rating                 | Enclosed                               |
| Environment                    | Internal                               |
| General application            | Office, Hospitality, Retail, Education |
| 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                  | < 23                                   |
| Photobiological Risk Group     | RG0                                    |
| Luminous flux (emergency) (lm) | 437                                    |
| Total power consumption (W)    | 35                                     |
| Electrical protection          | Class I                                |
| Control gear type              | Electronic ballast                     |

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|                           |                                  |
|---------------------------|----------------------------------|
| Dimmable                  | Yes                              |
| Minimum dimming level (%) | 1                                |
| Housing colour            | RAL 9016 - Traffic white / Bezel |
| IP rating                 | IP20                             |
| IK rating                 | IK01                             |
| Product EAN number        | 5410288512846                    |
| Warranty                  | 5 years                          |
| Dimming method            | DALI                             |

### Data table

#### GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LINEAR S 3KLM NW OPAL D EMPRO     |
| Technology                              | LED                                    |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling surface mounting, Suspended    |
| Fixture rating                          | Enclosed                               |
| Environment                             | Internal                               |
| General application                     | Office, Hospitality, Retail, Education |
| Operating temperature range (°C)        | 5°C...+30°C                            |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| 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             |

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|                                |      |
|--------------------------------|------|
| Adjustable chromaticity        | N    |
| Glare control                  | < 23 |
| Photobiological Risk Group     | RG0  |
| Luminous flux (emergency) (lm) | 437  |
| Emergency duration (h)         | 3.0  |

### ELECTRICAL DATA

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 35                 |
| Mains voltage (V)                                        | 220-240V           |
| 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                  |
| 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            |
| Max. Luminaires per 16A C Breaker                        | 22                 |

### 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 |

## RANA LINEAR S 3KLM NW OPAL D EMPRO 0051284

|                  |       |
|------------------|-------|
| Lifespan L90 B10 | 60000 |
|------------------|-------|

### PHYSICAL DATA

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP20                             |
| IK rating                   | IK01                             |
| Diffuser finish             | Opal                             |
| Diffuser material           | PC Polycarbonate                 |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 87                               |
| Nominal Product Height (mm) | 87                               |
| Weight (kg)                 | 3.551                            |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288512846  |
| Packaging single length / height (cm) | 116.59         |
| Packaging single width (cm)           | 10.52          |
| Packaging single depth (cm)           | 10.01          |
| DUN14 (outer)                         | 05410288512846 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 116.59         |
| Packaging outer width (cm)            | 10.52          |
| Packaging outer depth (cm)            | 10.01          |

### SAFETY DATA

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