

RANA LINEAR S 3KLM NW MPO 1-10  
0051252



Features

- Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, 1-10V Dimmable, Neutral White LED (4000K), 3100lm, 31W, 100lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<21, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C

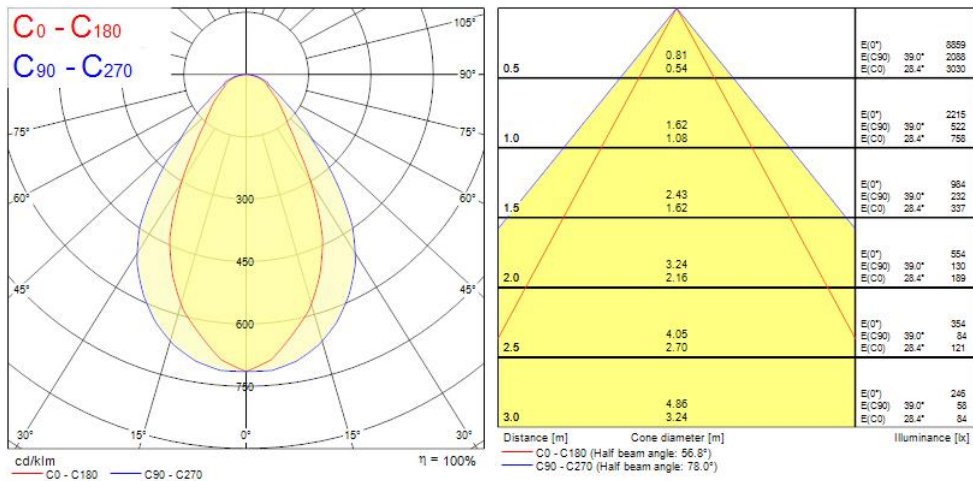
Product Overview

|                             |                                        |
|-----------------------------|----------------------------------------|
| Product name                | RANA LINEAR S 3KLM NW MPO 1-10         |
| 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)  | 3100                                   |
| Luminaire efficacy (lm/W)   | 100                                    |
| LOR (%)                     | 100                                    |
| Colour temperature (K)      | 4000                                   |
| Light colour                | Neutral White                          |
| CRI (Ra)                    | 80                                     |
| Colour Consistency (SDCM)   | 3                                      |
| Glare control               | < 21                                   |
| Photobiological Risk Group  | RG0                                    |
| Total power consumption (W) | 31                                     |
| Electrical protection       | Class I                                |
| Control gear type           | Electronic ballast                     |

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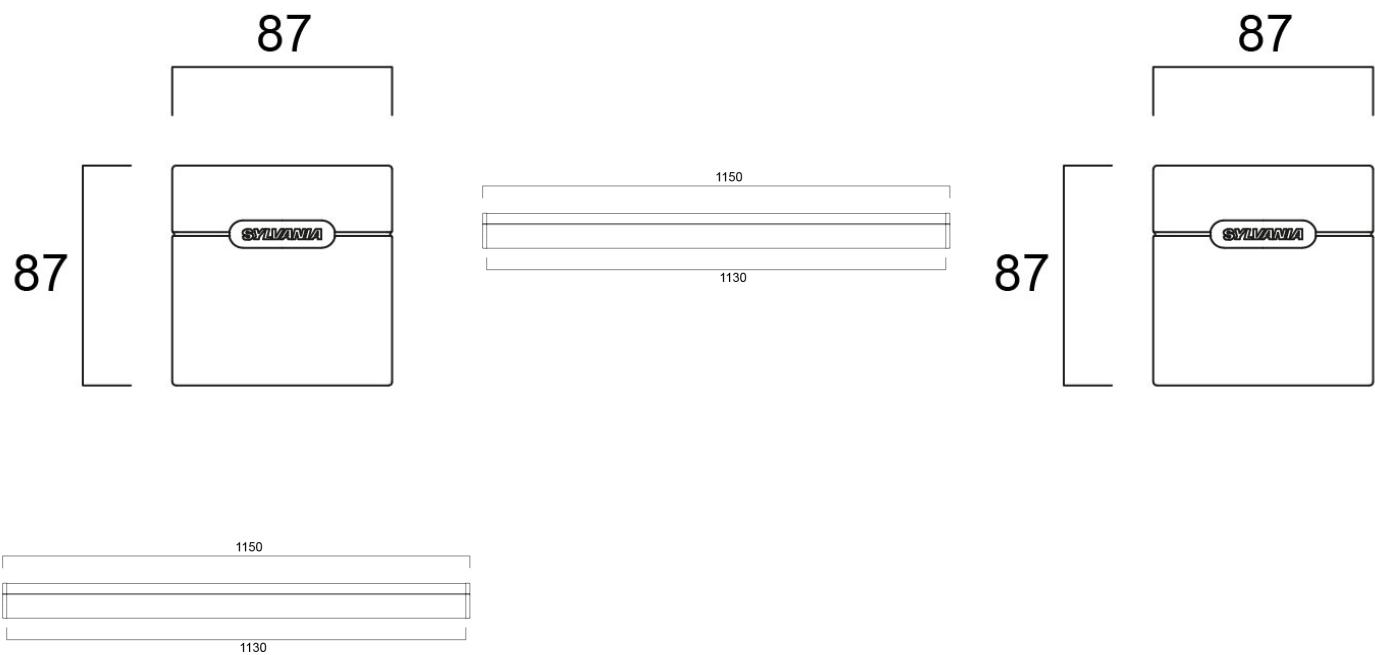
|                           |                                  |
|---------------------------|----------------------------------|
| Dimmable                  | Yes                              |
| Minimum dimming level (%) | 10                               |
| Housing colour            | RAL 9016 - Traffic white / Bezel |
| IP rating                 | IP20                             |
| IK rating                 | IK07                             |
| Product EAN number        | 5410288512525                    |
| Warranty                  | 5 years                          |
| Dimming method            | 1-10V (Analogue)                 |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA LINEAR S 3KLM NW MPO 1-10         |
| 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)        | -20°C...+40°C                          |
| Performance ambient temperature Tq (°C) | 25                                     |

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|            |          |
|------------|----------|
| ETIM Class | EC002892 |
| Warranty   | 5 years  |

### OPTICAL DATA

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 3100          |
| Luminaire efficacy (lm/W)  | 100           |
| LOR (%)                    | 100           |
| Colour temperature (K)     | 4000          |
| Light colour               | Neutral White |
| CRI (Ra)                   | 80            |
| Colour Consistency (SDCM)  | 3             |
| Adjustable chromaticity    | N             |
| Glare control              | < 21          |
| Photobiological Risk Group | RG0           |

### ELECTRICAL DATA

|                                                          |                    |
|----------------------------------------------------------|--------------------|
| Total power consumption (W)                              | 31                 |
| 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                                           | 1-10V (Analogue)   |
| Minimum dimming level (%)                                | 10                 |
| Drive current (mA)                                       | 305                |
| Inrush Current (A)                                       | 45                 |
| Inrush Duration (µs)                                     | 100                |
| 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                        | 51                 |

## RANA LINEAR S 3KLM NW MPO 1-10 0051252

### 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                 |
| Nominal Product Length (mm) | 1150                             |
| Nominal Product Width (mm)  | 87                               |
| Nominal Product Height (mm) | 87                               |
| Weight (kg)                 | 2.95                             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288512525  |
| Packaging single length / height (cm) | 116.5          |
| Packaging single width (cm)           | 10.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (outer)                         | 05410288512525 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 116.5          |
| Packaging outer width (cm)            | 10.5           |
| Packaging outer depth (cm)            | 10.0           |



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SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |