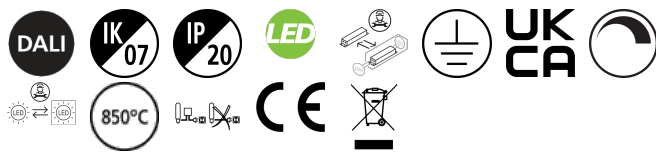


RANA Linear Surface&Suspended - MicroPrismatic Optic  
RANA LINEAR S 3KLM WW MPO D  
0051254



Product features

- Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), Warm White LED (3000K), 3030lm, 31W, 98lm/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 WW MPO D            |
| 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                               |
| E-number SE                 | 7502666                                |
| Warranty                    | 5 years                                |
| Fixture luminous flux (lm)  | 3100                                   |
| Luminaire efficacy (lm/W)   | 97.74                                  |
| LOR (%)                     | 100                                    |
| Colour temperature (K)      | 3000                                   |
| Light colour                | Warm 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                     |
| Dimmable                    | Yes                                    |
| Dimming method              | DALI                                   |
| Minimum dimming level (%)   | 1                                      |
| Housing colour              | RAL 9016 - Traffic white / Bezel       |
| IP rating                   | IP20                                   |
| IK rating                   | IK07                                   |
| Product EAN number          | 5410288512549                          |

## RANA Linear Surface&Suspended - MicroPrismatic Optic

RANA LINEAR S 3KLM WW MPO D  
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### DATA TABLE

#### General data

|                                                     |                                        |
|-----------------------------------------------------|----------------------------------------|
| Product name                                        | RANA LINEAR S 3KLM WW MPO D            |
| 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)                    | -25°C...+40°C                          |
| Performance ambient temperature T <sub>q</sub> (°C) | 25                                     |
| ETIM Class                                          | EC002892                               |
| E-number SE                                         | 7502666                                |
| Warranty                                            | 5 years                                |

#### Optical data

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 3100       |
| Luminaire efficacy (lm/W)  | 97.74      |
| LOR (%)                    | 100        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 80         |
| Colour Consistency (SDCM)  | 3          |
| Glare control              | < 21       |
| Photobiological Risk Group | RG0        |

#### Electrical data

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| Total power consumption (W)                                    | 31                 |
| Primary Supply/Product voltage - min (V)                       | 198                |
| Primary Supply/Product voltage - max (V)                       | 264                |
| Lamp power factor                                              | 0.98               |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 9                  |
| Electrical protection                                          | Class I            |
| Control gear required                                          | Yes                |
| Control gear type                                              | Electronic ballast |
| Dimmable                                                       | Yes                |
| Dimming method                                                 | DALI               |
| Minimum dimming level (%)                                      | 1                  |
| Drive current (mA)                                             | 300                |
| Inrush Current (A)                                             | 29                 |
| Inrush Duration (µs)                                           | 180                |
| Glow Wire Test (°C)                                            | 850                |
| Energy Efficiency Class (A->G) of contained light source       | C                  |
| Nominal Frequency (Hz)                                         | 50/60Hz            |

## RANA Linear Surface&Suspended - MicroPrismatic Optic

*RANA LINEAR S 3KLM WW MPO D*

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|                                                 |     |
|-------------------------------------------------|-----|
| Max. products per 10A C Breaker                 | 21  |
| Max. products per 13A C Breaker                 | 28  |
| Max. products per 16A C Breaker                 | 36  |
| Max. products per 20A C Breaker                 | 45  |
| Max. products per 10A B Breaker                 | 13  |
| Max. products per 13A B Breaker                 | 17  |
| Max. products per 16A B Breaker                 | 22  |
| Max. products per 20A B Breaker                 | 27  |
| Connectable conductor cross section - Min (mm²) | 2.5 |
| Connectable conductor cross section - Max (mm²) | 2.5 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 72000 |
| Lifespan L70 B10 | 72000 |
| Lifespan L80 B50 | 72000 |
| Lifespan L80 B10 | 72000 |
| Lifespan L90 B50 | 72000 |
| Lifespan L90 B20 | 50000 |
| Lifespan L90 B10 | 46000 |

### 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

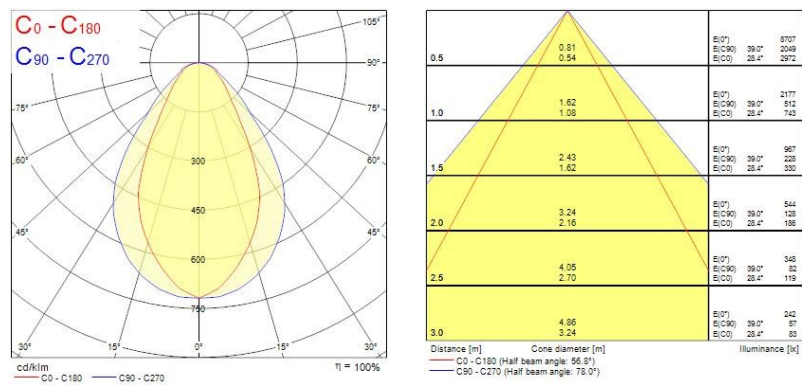
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288512549  |
| Packaging single length / height (cm) | 116.5          |
| Packaging single width (cm)           | 10.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (outer)                         | 05410288512549 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 116.5          |
| Packaging outer width (cm)            | 10.5           |
| Packaging outer depth (cm)            | 10.0           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -25-40 |
|----------------------------------|--------|

RANA Linear Surface&Suspended - MicroPrismatic Optic  
RANA LINEAR S 3KLM WW MPO D  
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PHOTOMETRY



TECHNICAL DRAWINGS

