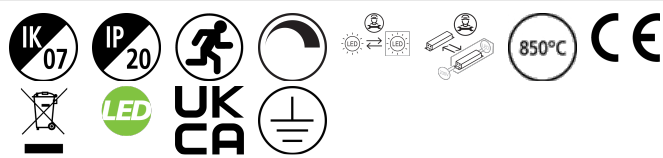


RANA Linear Recessed - MicroPrismatic Optic  
RANA LINEAR R 3KLM NW MPO 1-10 EM  
0052350



PRODUCT OVERVIEW

|                             |                                   |
|-----------------------------|-----------------------------------|
| Product name                | RANA LINEAR R 3KLM NW MPO 1-10 EM |
| Technology                  | LED                               |
| Cap/Base                    | N/A                               |
| Housing                     | Steel                             |
| Mount                       | Ceiling recessed mounting         |
| Fixture rating              | Enclosed                          |
| Environment                 | Internal                          |
| Warranty                    | 5 years                           |
| Fixture luminous flux (lm)  | 2890                              |
| Luminaire efficacy (lm/W)   | 82.57                             |
| 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                |
| Housing colour              | RAL 9016 - Traffic white / Bezel  |
| IP rating                   | IP20                              |
| IK rating                   | IK07                              |
| Product EAN number          | 5410288523507                     |

DATA TABLE

|              |                                   |
|--------------|-----------------------------------|
| General data |                                   |
| Product name | RANA LINEAR R 3KLM NW MPO 1-10 EM |
| Technology   | LED                               |
| Cap/Base     | N/A                               |
| Housing      | Steel                             |

## RANA Linear Recessed - MicroPrismatic Optic

*RANA LINEAR R 3KLM NW MPO 1-10 EM*  
0052350

|                                         |                           |
|-----------------------------------------|---------------------------|
| Mount                                   | Ceiling recessed mounting |
| Fixture rating                          | Enclosed                  |
| Environment                             | Internal                  |
| Operating temperature range (°C)        | 5°C...+30°C               |
| Performance ambient temperature Tq (°C) | 25                        |
| Warranty                                | 5 years                   |

### Optical data

|                            |               |
|----------------------------|---------------|
| Fixture luminous flux (lm) | 2890          |
| Luminaire efficacy (lm/W)  | 82.57         |
| 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 type                                        | Electronic ballast |
| Drive current (mA)                                       | 300                |
| 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            |
| Connectable conductor cross section - Min (mm²)          | 2.5                |
| Connectable conductor cross section - Max (mm²)          | 2.5                |

### 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 |

## RANA Linear Recessed - MicroPrismatic Optic

### RANA LINEAR R 3KLM NW MPO 1-10 EM

### 0052350

#### 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)  | 90                               |
| Weight (kg)                 | 3.75                             |
| Recessed Depth (mm)         | 90                               |

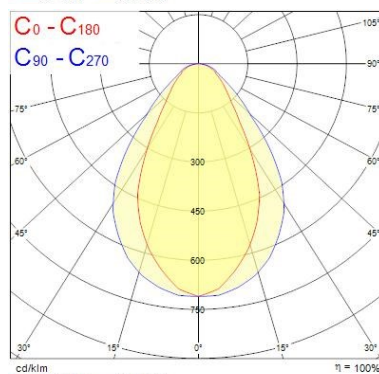
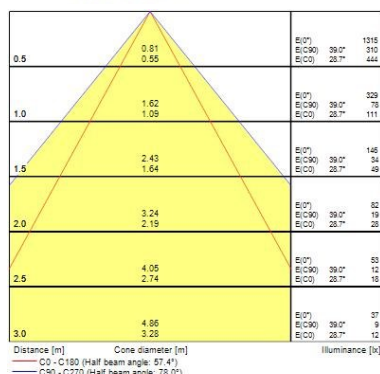
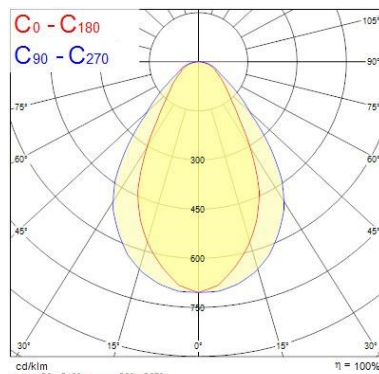
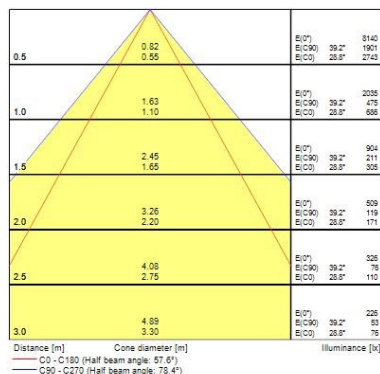
#### Packaging

|                                      |               |
|--------------------------------------|---------------|
| Single packaging type                | Carton        |
| Product EAN number                   | 5410288523507 |
| Packaging single width (cm)          | 10.5          |
| Packaging single depth (cm)          | 11.5          |
| DUN14 (outer)                        | 5410288523507 |
| Packaging outer length / height (cm) | 117.0         |

#### Safety data

|                                  |      |
|----------------------------------|------|
| Optimal operating condition (°C) | 5-30 |
|----------------------------------|------|

## PHOTOMETRY



**RANA Linear Recessed - MicroPrismatic Optic**  
*RANA LINEAR R 3KLM NW MPO 1-10 EM*  
**0052350**

**TECHNICAL DRAWINGS**

