

RANA NEO 3800LM S 1200 840 CC 1L WHITE  
0054223



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3800lm, 29W, 131lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

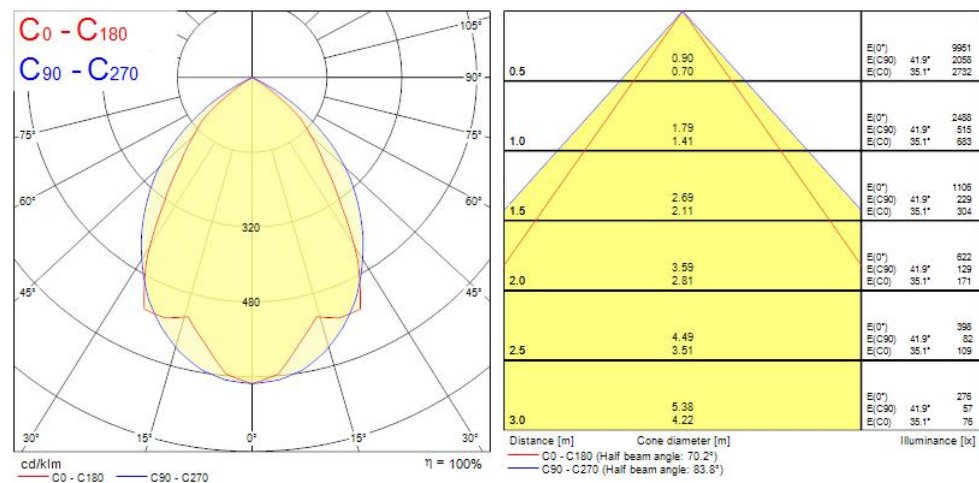
Product Overview

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product name                    | RANA NEO 3800LM S 1200 840 CC 1L WHITE |
| Technology                      | LED (3 SDCM)                           |
| Cap/Base                        | N/A                                    |
| Housing                         | Steel                                  |
| Mount                           | Ceiling surface mounting, Suspended    |
| Fixture luminous flux (lm)      | 3800                                   |
| Luminaire efficacy (lm/W)       | 131                                    |
| Colour temperature (K)          | 4000                                   |
| Light colour                    | Neutral White                          |
| CRI (Ra)                        | 80                                     |
| Colour Variation Initial (SDCM) | 3                                      |
| Glare control                   | < 19                                   |
| Photobiological Risk Group      | RG0                                    |
| Total power consumption (W)     | 29                                     |
| Electrical protection           | Class I                                |
| Control gear type               | LED driver constant current            |
| LED Flickering Rate             | Ultra low (5% or less)                 |
| Housing colour                  | RAL 9016 - Traffic white / Bezel       |
| IP rating                       | IP20                                   |
| IK rating                       | IK07                                   |

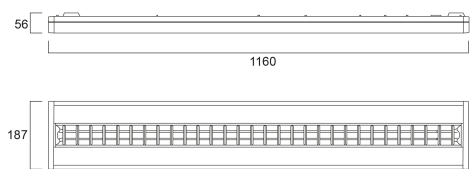
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|                    |               |
|--------------------|---------------|
| Product EAN number | 5410288542232 |
| Warranty           | 5 years       |

Photometry



Technical drawings



Data table

GENERAL DATA

|              |                                        |
|--------------|----------------------------------------|
| Product name | RANA NEO 3800LM S 1200 840 CC 1L WHITE |
| Technology   | LED (3 SDCM)                           |
| Cap/Base     | N/A                                    |
| Housing      | Steel                                  |

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|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| Mount                                   | Ceiling surface mounting, Suspended |
| Operating temperature range (°C)        | 0°C...+25°C                         |
| Performance ambient temperature Tq (°C) | 25                                  |
| Warranty                                | 5 years                             |

### OPTICAL DATA

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 3800          |
| Luminaire efficacy (lm/W)       | 131           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 29                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Lamp power factor                                        | 0.97                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 300                         |
| Inrush Current (A)                                       | 5.5                         |
| Inrush Duration (µs)                                     | 20                          |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                          | 41                          |
| Max. products per 20A B Breaker                          | 82                          |



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LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 96000  |

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) | 1160                             |
| Nominal Product Width (mm)  | 187                              |
| Weight (kg)                 | 3.5                              |

PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288542232  |
| Packaging single width (cm)          | 6.5            |
| Packaging single depth (cm)          | 21.0           |
| DUN14 (outer)                        | 05410288542232 |
| Packaging outer length / height (cm) | 153.5          |

SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |