



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4700lm, 39W, 120lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, 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.

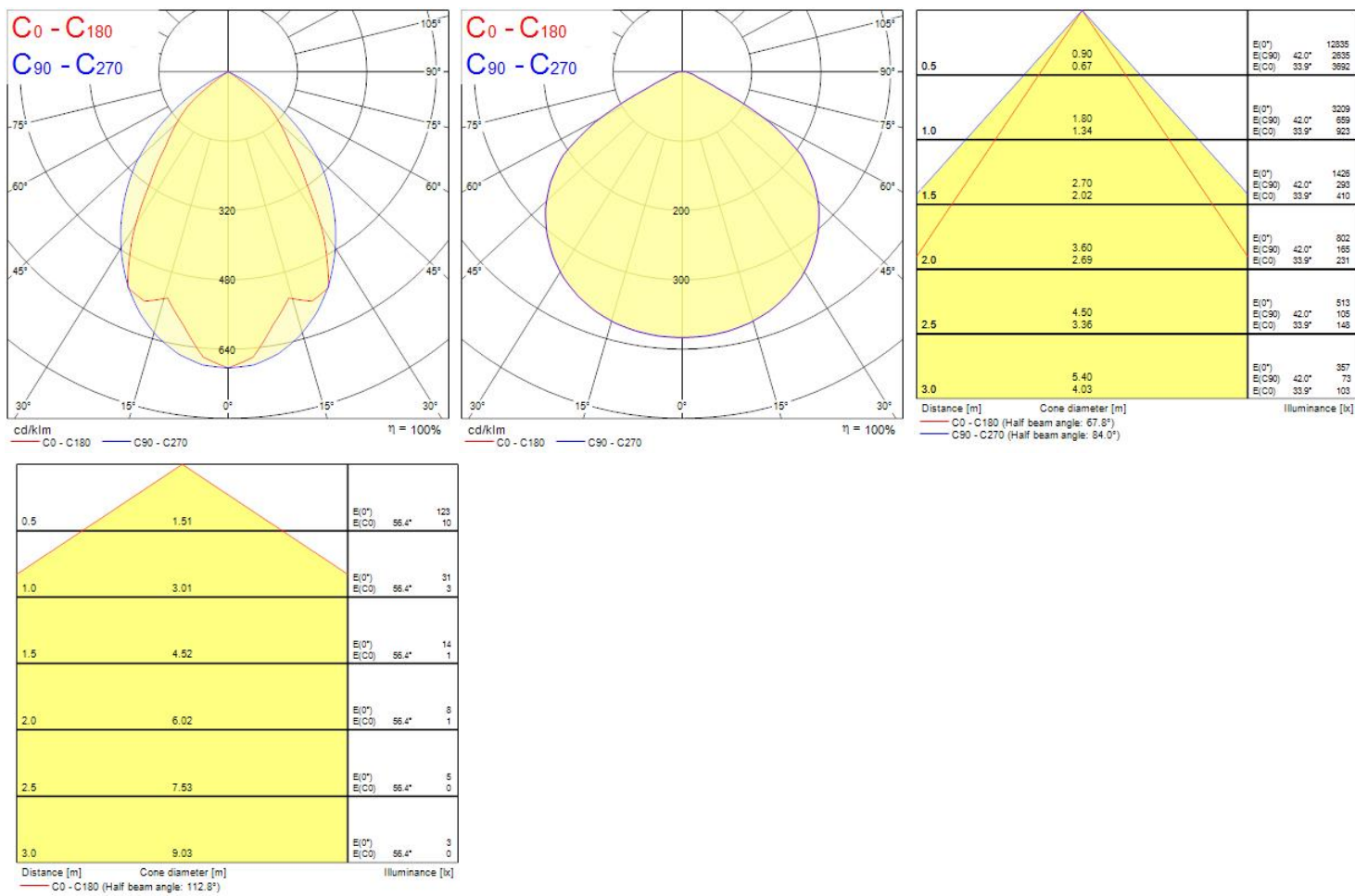
Product Overview

|                                 |                                            |
|---------------------------------|--------------------------------------------|
| Product name                    | RANA NEO 4700LM S 1500 840 SSC EM 1L WHITE |
| Technology                      | LED (3 SDCM)                               |
| Cap/Base                        | N/A                                        |
| Housing                         | Steel                                      |
| Mount                           | Ceiling surface mounting, Suspended        |
| Fixture luminous flux (lm)      | 4700                                       |
| Luminaire efficacy (lm/W)       | 121                                        |
| Colour temperature (K)          | 4000                                       |
| Light colour                    | Neutral White                              |
| CRI (Ra)                        | 80                                         |
| Colour Variation Initial (SDCM) | 3                                          |
| Glare control                   | < 18                                       |
| Photobiological Risk Group      | RG0                                        |
| Luminous flux (emergency) (lm)  | 80                                         |
| Total power consumption (W)     | 39                                         |
| Electrical protection           | Class I                                    |
| Control gear type               | LED driver constant current                |
| LED Flickering Rate             | Ultra low (5% or less)                     |

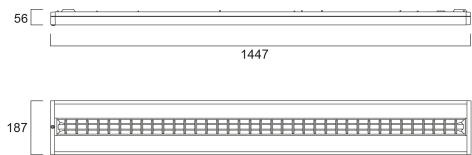
RANA NEO 4700LM S 1500 840 SSC EM 1L WHITE  
0054257

|                    |                                  |
|--------------------|----------------------------------|
| Housing colour     | RAL 9016 - Traffic white / Bezel |
| IP rating          | IP20                             |
| IK rating          | IK07                             |
| Product EAN number | 5410288542577                    |
| Warranty           | 5 years                          |

Photometry



Technical drawings



Data table

GENERAL DATA

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | RANA NEO 4700LM S 1500 840 SSC EM 1L WHITE |
| Technology                              | LED (3 SDCM)                               |
| Cap/Base                                | N/A                                        |
| Housing                                 | Steel                                      |
| 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)      | 4700          |
| Luminaire efficacy (lm/W)       | 121           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | 3             |
| Glare control                   | < 18          |
| Photobiological Risk Group      | RG0           |
| Luminous flux (emergency) (lm)  | 80            |

## RANA NEO 4700LM S 1500 840 SSC EM 1L WHITE 0054257

|                        |   |
|------------------------|---|
| Emergency duration (h) | 3 |
|------------------------|---|

### ELECTRICAL DATA

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 39                             |
| Primary Supply/Product voltage - min (V)                 | 220                            |
| Lamp power factor                                        | 0.96                           |
| Electrical protection                                    | Class I                        |
| Control gear required                                    | No                             |
| Control gear type                                        | LED driver constant current    |
| Drive current (mA)                                       | 300                            |
| Inrush Current (A)                                       | 22.4                           |
| Inrush Duration (µs)                                     | 176                            |
| Glow Wire Test (°C)                                      | 850                            |
| Energy Efficiency Class (A->G) of contained light source | C, C(more than 1 Light Source) |
| Nominal Frequency (Hz)                                   | 50/60Hz                        |
| LED Flickering Rate                                      | Ultra low (5% or less)         |
| Max. products per 10A C Breaker                          | 21                             |
| Max. products per 20A B Breaker                          | 27                             |

### 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) | 1440                             |
| Nominal Product Width (mm)  | 187                              |
| Weight (kg)                 | 4.2                              |



RANA NEO 4700LM S 1500 840 SSC EM 1L WHITE  
0054257

PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288542577  |
| Packaging single width (cm)          | 6.5            |
| Packaging single depth (cm)          | 21.0           |
| DUN14 (outer)                        | 05410288542577 |
| Packaging outer length / height (cm) | 153.5          |

SAFETY DATA

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