



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 9500lm, 70W, 135lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, 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.

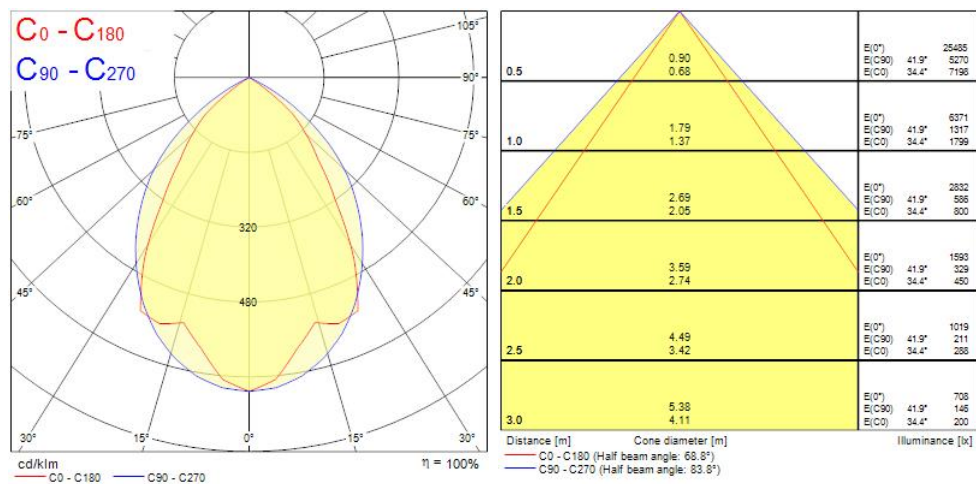
Product Overview

|                                   |                                        |
|-----------------------------------|----------------------------------------|
| Product name                      | RANA NEO 9500LM S 1500 840 CC 2L WHITE |
| Technology                        | LED (3 SDCM)                           |
| Cap/Base                          | N/A                                    |
| Housing                           | Steel                                  |
| Mount                             | Ceiling surface mounting, Suspended    |
| General application               | Education, Office                      |
| ETIM Class                        | EC002892                               |
| Fixture luminous flux (lm)        | 9500                                   |
| Luminaire efficacy (lm/W)         | 136                                    |
| Correlated colour temperature (k) | 4000                                   |
| Light colour                      | Neutral White                          |
| CRI (Ra)                          | 80                                     |
| Colour Variation Initial (SDCM)   | 3                                      |
| Glare control                     | < 17                                   |
| Photobiological Risk Group        | RG0                                    |
| Total power consumption (W)       | 74                                     |
| Electrical protection             | Class I                                |
| Control gear type                 | LED driver constant current            |

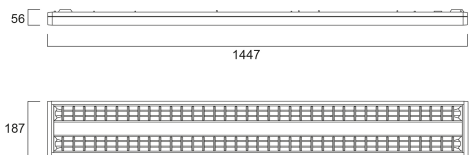
RANA NEO 9500LM S 1500 840 CC 2L WHITE  
0054259

|                     |                        |
|---------------------|------------------------|
| Dimmable            | No                     |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL9016                |
| IP rating           | IP20                   |
| IK rating           | IK07                   |
| Product EAN number  | 5410288542591          |
| Warranty            | 5 years                |
| Dimming method      | N/A                    |

Photometry



Technical drawings



Data table

## RANA NEO 9500LM S 1500 840 CC 2L WHITE 0054259

### GENERAL DATA

|                                         |                                        |
|-----------------------------------------|----------------------------------------|
| Product name                            | RANA NEO 9500LM S 1500 840 CC 2L WHITE |
| Technology                              | LED (3 SDCM)                           |
| Cap/Base                                | N/A                                    |
| Housing                                 | Steel                                  |
| Mount                                   | Ceiling surface mounting, Suspended    |
| General application                     | Education, Office                      |
| Operating temperature range (°C)        | 0°C...+25°C                            |
| Performance ambient temperature Tq (°C) | 25                                     |
| ETIM Class                              | EC002892                               |
| Warranty                                | 5 years                                |

### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 9500          |
| Luminaire efficacy (lm/W)         | 136           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Glare control                     | < 17          |
| Photobiological Risk Group        | RG0           |

### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 74                          |
| Primary Supply/Product voltage - min (V) | 220                         |
| Primary Supply/Product voltage - max (V) | 240                         |
| Lamp power factor                        | 0.95                        |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Dimmable                                 | No                          |
| Dimming method                           | N/A                         |

## RANA NEO 9500LM S 1500 840 CC 2L WHITE 0054259

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Drive current (mA)                                       | 300                            |
| Inrush Current (A)                                       | 45                             |
| Inrush Duration (µs)                                     | 100                            |
| 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                          | 31                             |
| Max. products per 16A C Breaker                          | 51                             |
| Max. products per 20A C Breaker                          | 62                             |
| Max. products per 10A B Breaker                          | 18                             |
| Max. products per 16A B Breaker                          | 30                             |
| Max. products per 20A B Breaker                          | 37                             |

### LIFETIME DATA

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

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Opal             |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1440             |
| Nominal Product Width (mm)  | 187              |
| Nominal Product Height (mm) | 47               |
| Weight (kg)                 | 3.9              |

### PACKAGING

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5410288542591 |
| Packaging single length / height (cm) | 153.5         |
| Packaging single width (cm)           | 6.5           |
| Packaging single depth (cm)           | 21.0          |



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|                                      |                |
|--------------------------------------|----------------|
| DUN14 (inner)                        | 05410288542591 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 153.5          |
| Packaging outer width (cm)           | 6.5            |
| Packaging outer depth (cm)           | 21.0           |

SAFETY DATA

|                                     |     |
|-------------------------------------|-----|
| Glow Wire Test (°C)                 | 850 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |