



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 8800lm, 72W, 122lm/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.

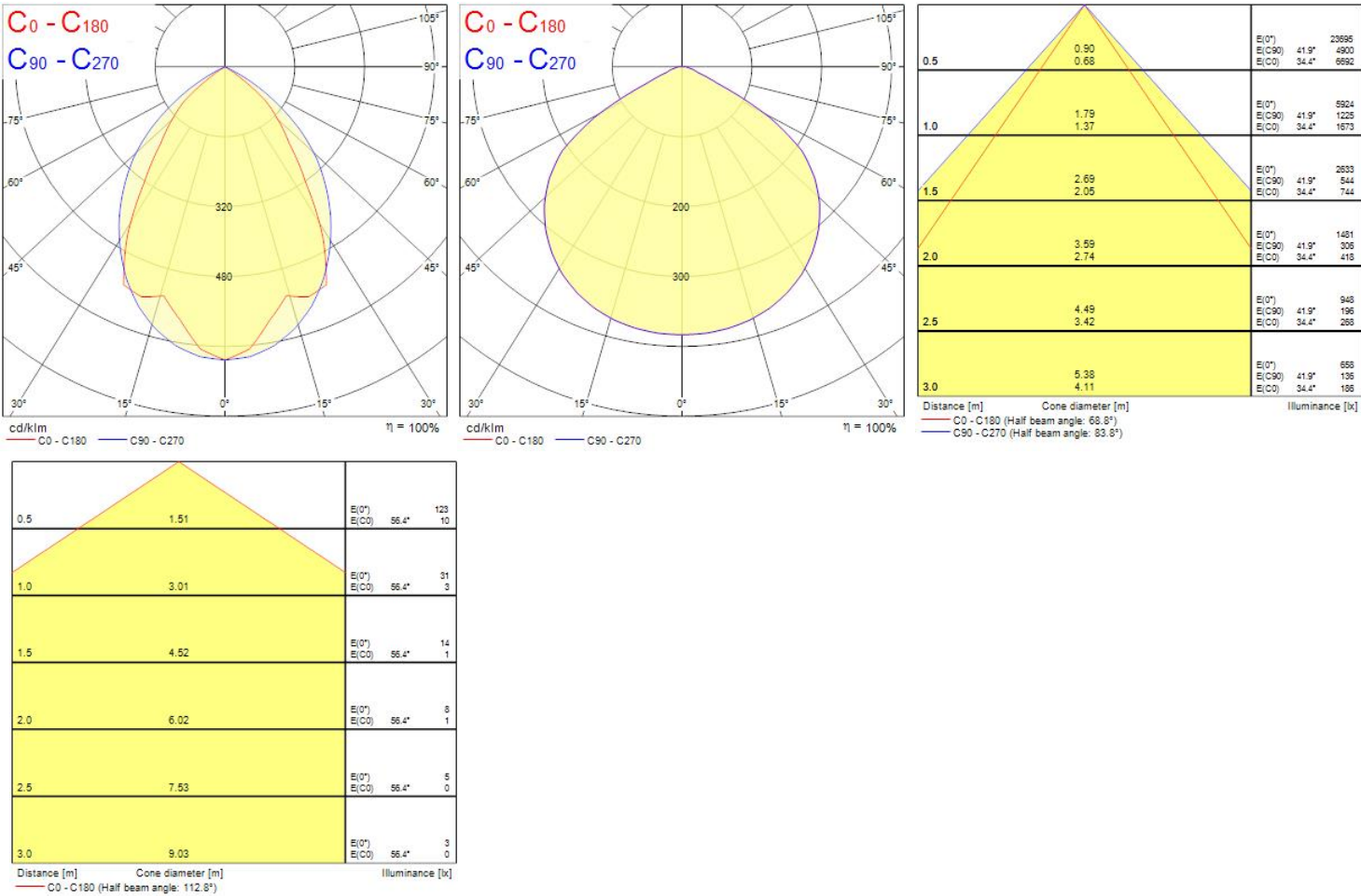
Product Overview

|                                   |                                           |
|-----------------------------------|-------------------------------------------|
| Product name                      | RANA NEO 8800LM S 1500 830 CC EM 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)        | 8800                                      |
| Luminaire efficacy (lm/W)         | 122                                       |
| Correlated colour temperature (k) | 3000                                      |
| Light colour                      | Warm White                                |
| CRI (Ra)                          | 80                                        |
| Colour Variation Initial (SDCM)   | 3                                         |
| Glare control                     | < 17                                      |
| Photobiological Risk Group        | RG0                                       |
| Luminous flux (emergency) (lm)    | 80                                        |
| Total power consumption (W)       | 78                                        |
| Electrical protection             | Class I                                   |

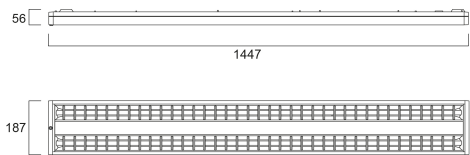
RANA NEO 8800LM S 1500 830 CC EM 2L WHITE  
0054264

|                     |                             |
|---------------------|-----------------------------|
| Control gear type   | LED driver constant current |
| Dimmable            | No                          |
| LED Flickering Rate | Ultra low (5% or less)      |
| Housing colour      | RAL9016                     |
| IP rating           | IP20                        |
| IK rating           | IK07                        |
| Product EAN number  | 5410288542645               |
| Warranty            | 5 years                     |
| Dimming method      | N/A                         |

Photometry



Technical drawings



Data table

GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | RANA NEO 8800LM S 1500 830 CC EM 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)        | 8800       |
| Luminaire efficacy (lm/W)         | 122        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | 3          |
| Glare control                     | < 17       |
| Photobiological Risk Group        | RG0        |

## RANA NEO 8800LM S 1500 830 CC EM 2L WHITE 0054264

|                                |    |
|--------------------------------|----|
| Luminous flux (emergency) (lm) | 80 |
| Emergency duration (h)         | 3  |

### ELECTRICAL DATA

|                                                          |                                |
|----------------------------------------------------------|--------------------------------|
| Total power consumption (W)                              | 78                             |
| 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                            |
| Drive current (mA)                                       | 300                            |
| Inrush Current (A)                                       | 45                             |
| Inrush Duration (µs)                                     | 100                            |
| Energy Efficiency Class (A->G) of contained light source | C, D(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    |



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|                             |                  |
|-----------------------------|------------------|
| 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                    | 5410288542645  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (inner)                         | 05410288542645 |
| 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  |