

RANA NEO Surface 1500  
RANA NEO 4300LM S 1500 830 DALI 1L WHITE  
0054248



Product features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1447x187x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/- 5%), Warm White (3000K) LED Colour Temperature, 4400lm, 37W, 118lm/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 4300LM S 1500 830 DALI 1L WHITE |
| Technology                      | LED (3 SDCM)                             |
| Cap/Base                        | N/A                                      |
| Housing                         | Steel                                    |
| Mount                           | Ceiling surface mounting, Suspended      |
| General application             | Education, Office                        |
| ETIM Class                      | EC002892                                 |
| Warranty                        | 5 years                                  |
| Fixture luminous flux (lm)      | 4400                                     |
| Luminous flux (lm)              | 4400                                     |
| Luminaire efficacy (lm/W)       | 119                                      |
| Colour temperature (K)          | 3000                                     |
| Light colour                    | Warm White                               |
| CRI (Ra)                        | 80                                       |
| Colour Variation Initial (SDCM) | SDCM3                                    |
| Glare control                   | < 18                                     |
| Photobiological Risk Group      | RG0                                      |
| Total power consumption (W)     | 37                                       |
| Electrical protection           | Class I                                  |
| Control gear type               | LED driver constant current              |
| Dimmable                        | Yes                                      |
| Dimming method                  | DALI                                     |
| LED Flickering Rate             | Ultra low (5% or less)                   |
| Housing colour                  | RAL 9016 - Traffic white / Bezel         |
| IP rating                       | IP20                                     |
| IK rating                       | IK07                                     |
| Product EAN number              | 5410288542485                            |

DATA TABLE

|              |                                          |
|--------------|------------------------------------------|
| General data |                                          |
| Product name | RANA NEO 4300LM S 1500 830 DALI 1L WHITE |

## RANA NEO Surface 1500

*RANA NEO 4300LM S 1500 830 DALI 1L WHITE*

0054248

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| 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)      | 4400       |
| Luminous flux (lm)              | 4400       |
| Luminaire efficacy (lm/W)       | 119        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Glare control                   | < 18       |
| Photobiological Risk Group      | RG0        |

### Electrical data

|                                                                |                                |
|----------------------------------------------------------------|--------------------------------|
| Total power consumption (W)                                    | 37                             |
| Mains voltage (V)                                              | 220-240V                       |
| Lamp power factor                                              | 0.96                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 9                              |
| Electrical protection                                          | Class I                        |
| Control gear required                                          | No                             |
| Control gear type                                              | LED driver constant current    |
| Dimmable                                                       | Yes                            |
| Dimming method                                                 | DALI                           |
| 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, D(more than 1 Light Source) |
| Nominal Frequency (Hz)                                         | 50/60Hz                        |
| LED Flickering Rate                                            | Ultra low (5% or less)         |
| Max. Luminaires per 10A C Breaker                              | 21                             |
| Max. Luminaires per 13A C Breaker                              | 28                             |
| Max. Luminaires per 16A C Breaker                              | 36                             |
| Max. Luminaires per 20A C Breaker                              | 45                             |
| Max. Luminaires per 10A B Breaker                              | 13                             |
| Max. Luminaires per 13A B Breaker                              | 17                             |
| Max. Luminaires per 16A B Breaker                              | 22                             |
| Max. Luminaires per 20A B Breaker                              | 27                             |

# RANA NEO Surface 1500

*RANA NEO 4300LM S 1500 830 DALI 1L WHITE*

0054248

Lifetime data

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

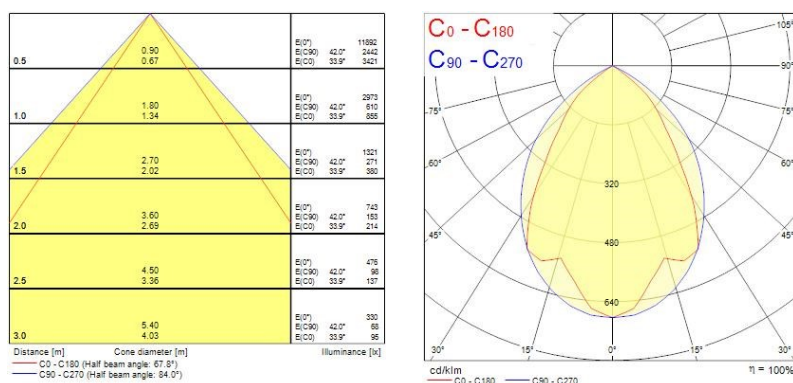
### Physical data

|                                    |                                  |
|------------------------------------|----------------------------------|
| <b>Housing colour</b>              | RAL 9016 - Traffic white / Bezel |
| <b>IP rating</b>                   | IP20                             |
| <b>IK rating</b>                   | IK07                             |
| <b>Diffuser finish</b>             | Opal                             |
| <b>Diffuser material</b>           | PC Polycarbonate                 |
| <b>Nominal Product Length (mm)</b> | 1440                             |
| <b>Nominal Product Width (mm)</b>  | 187                              |
| <b>Nominal Product Height (mm)</b> | 47                               |
| <b>Weight (kg)</b>                 | 4.2                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288542485  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288542485 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 153.5          |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 21.0           |

## PHOTOMETRY



## TECHNICAL DRAWINGS

