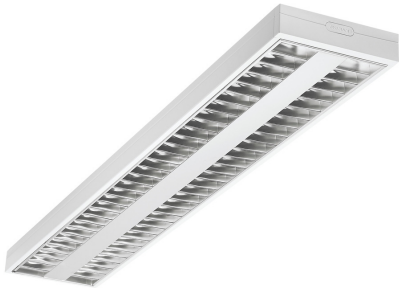


RANA NEO 6800LM S 1200 830 DALI 2L WHITE  
0054236



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 58W, 117lm/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 6800LM S 1200 830 DALI 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)      | 6800                                     |
| Luminous flux (lm)              | 6800                                     |
| Luminaire efficacy (lm/W)       | 117                                      |
| Colour temperature (K)          | 3000                                     |
| Light colour                    | Warm White                               |
| CRI (Ra)                        | 80                                       |
| Colour Variation Initial (SDCM) | 3                                        |
| Glare control                   | < 18                                     |
| Photobiological Risk Group      | RG0                                      |
| Total power consumption (W)     | 58                                       |
| Electrical protection           | Class I                                  |
| Control gear type               | LED driver constant current              |
| Dimmable                        | Yes                                      |
| LED Flickering Rate             | Ultra low (5% or less)                   |

## RANA NEO 6800LM S 1200 830 DALI 2L WHITE 0054236

|                    |                                  |
|--------------------|----------------------------------|
| Housing colour     | RAL 9016 - Traffic white / Bezel |
| IP rating          | IP20                             |
| IK rating          | IK07                             |
| Product EAN number | 5410288542362                    |
| Warranty           | 5 years                          |
| Dimming method     | DALI                             |

### Data table

#### GENERAL DATA

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Product name                            | RANA NEO 6800LM S 1200 830 DALI 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)      | 6800       |
| Luminous flux (lm)              | 6800       |
| Luminaire efficacy (lm/W)       | 117        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 3          |
| Glare control                   | < 18       |
| Photobiological Risk Group      | RG0        |

#### ELECTRICAL DATA

## RANA NEO 6800LM S 1200 830 DALI 2L WHITE 0054236

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 58                          |
| Mains voltage (V)                                        | 220-240V                    |
| Lamp power factor                                        | 0.95                        |
| 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)                                       | 23.1                        |
| Inrush Duration (µs)                                     | 174                         |
| 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. Luminaires per 10A C Breaker                        | 18                          |
| Max. Luminaires per 13A C Breaker                        | 26                          |
| Max. Luminaires per 16A C Breaker                        | 28                          |
| Max. Luminaires per 20A C Breaker                        | 34                          |
| Max. Luminaires per 10A B Breaker                        | 9                           |
| Max. Luminaires per 13A B Breaker                        | 13                          |
| Max. Luminaires per 16A B Breaker                        | 14                          |
| Max. Luminaires per 20A B Breaker                        | 17                          |

### 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                             |

## RANA NEO 6800LM S 1200 830 DALI 2L WHITE 0054236

|                             |                  |
|-----------------------------|------------------|
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1160             |
| Nominal Product Width (mm)  | 187              |
| Nominal Product Height (mm) | 47               |
| Weight (kg)                 | 3.2              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288542362  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (outer)                         | 05410288542362 |
| 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

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