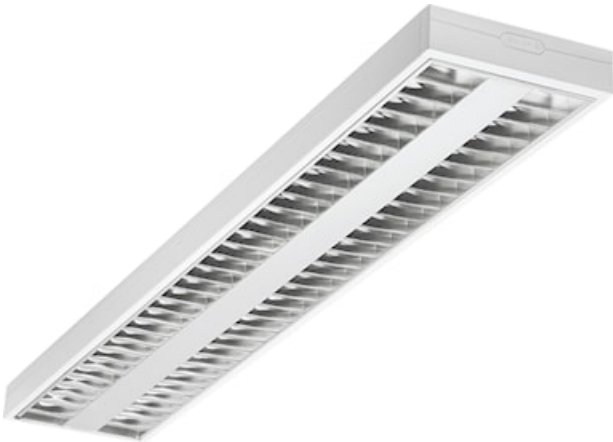
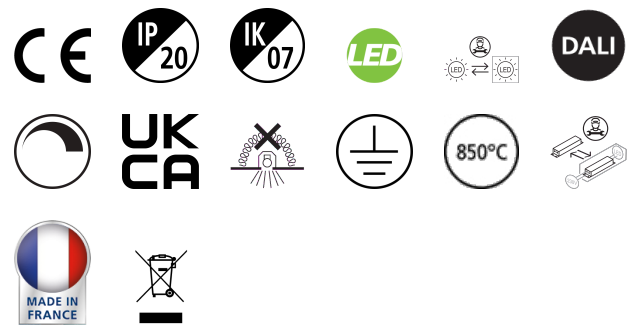


# RANA NEO 6800LM S 1200 830 DALI 2L WHITE

Item No: 0054236



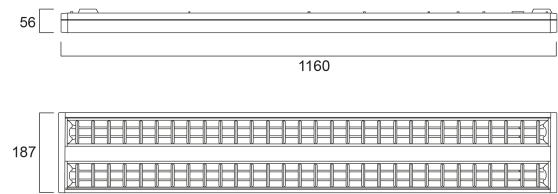
PRO



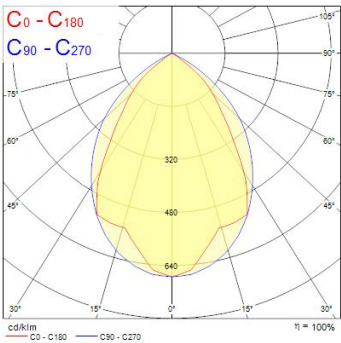
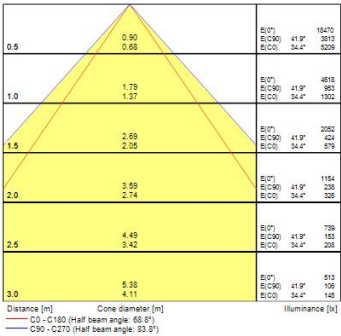
Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 58W, 117lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam 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.

## Technical Assets

### Dimensions (mm)



### Photometrics



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

Item No: 0054236



## 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

|                                   |            |
|-----------------------------------|------------|
| Useful luminous flux (Φuse)       | 6800       |
| Fixture luminous flux (lm)        | 6800       |
| Luminous flux (lm)                | 6800       |
| Luminaire efficacy (lm/W)         | 117        |
| Correlated 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)                              | 58                          |
| 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                                                 | Yes                         |
| Dimming method                                           | DALI                        |
| Drive current (mA)                                       | 300                         |
| Inrush Current (A)                                       | 23.1                        |
| Inrush Duration (µs)                                     | 174                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                          | 18                          |
| Max. products per 13A C Breaker                          | 26                          |
| Max. products per 16A C Breaker                          | 28                          |
| Max. products per 20A C Breaker                          | 34                          |
| Max. products per 10A B Breaker                          | 9                           |
| Max. products per 13A B Breaker                          | 13                          |
| Max. products per 16A B Breaker                          | 14                          |
| Max. products per 20A B Breaker                          | 17                          |

## Lifetime data

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

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

Item No: 0054236



## 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) | 1160                             |
| Nominal Product Width (mm)  | 187                              |
| Nominal Product Height (mm) | 47                               |
| Weight (kg)                 | 3.2                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288542362  |
| Packaging single length / height (cm) | 153.5          |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 21.0           |
| DUN14 (inner)                         | 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

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 850 |
|---------------------|-----|