

RANA NEO Surface 1200  
RANA NEO 6800LM S 1200 830 DALI EM 2L WHITE  
0054242



PRODUCT OVERVIEW

|                                 |                                             |
|---------------------------------|---------------------------------------------|
| Product name                    | RANA NEO 6800LM S 1200 830 DALI EM 2L WHITE |
| Technology                      | LED (3 SDCM)                                |
| Cap/Base                        | N/A                                         |
| Housing                         | Steel                                       |
| Mount                           | Ceiling surface mounting, Suspended         |
| Warranty                        | 5 years                                     |
| Fixture luminous flux (lm)      | 6800                                        |
| Luminaire efficacy (lm/W)       | 113                                         |
| Colour temperature (K)          | 3000                                        |
| Light colour                    | Warm White                                  |
| CRI (Ra)                        | 80                                          |
| Colour Variation Initial (SDCM) | SDCM3                                       |
| Glare control                   | < 18                                        |
| Photobiological Risk Group      | RG0                                         |
| Luminous flux (emergency) (lm)  | 80                                          |
| Total power consumption (W)     | 60                                          |
| Electrical protection           | Class I                                     |
| Control gear type               | LED driver constant current                 |
| LED Flickering Rate             | Ultra low (5% or less)                      |
| Housing colour                  | RAL 9016 - Traffic white / Bezel            |
| IP rating                       | IP20                                        |
| IK rating                       | IK07                                        |
| Product EAN number              | 5410288542423                               |

DATA TABLE

|              |                                             |
|--------------|---------------------------------------------|
| General data |                                             |
| Product name | RANA NEO 6800LM S 1200 830 DALI EM 2L WHITE |
| Technology   | LED (3 SDCM)                                |
| Cap/Base     | N/A                                         |
| Housing      | Steel                                       |
| Mount        | Ceiling surface mounting, Suspended         |

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Operating temperature range (°C) 0°C...+25°C

Performance ambient temperature Tq (°C) 25

Warranty 5 years

### Optical data

Fixture luminous flux (lm) 6800

Luminaire efficacy (lm/W) 113

Colour temperature (K) 3000

Light colour Warm White

CRI (Ra) 80

Colour Variation Initial (SDCM) SDCM3

Glare control < 18

Photobiological Risk Group RG0

Luminous flux (emergency) (lm) 80

Emergency duration (h) 3

### Electrical data

Total power consumption (W) 60

Primary Supply/Product voltage - min (V) 220

Lamp power factor 0.95

Electrical protection Class I

Control gear type LED driver constant current

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. products per 10A C Breaker 18

Max. products 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

Diffuser material PC Polycarbonate

Nominal Product Length (mm) 1160

Nominal Product Width (mm) 187

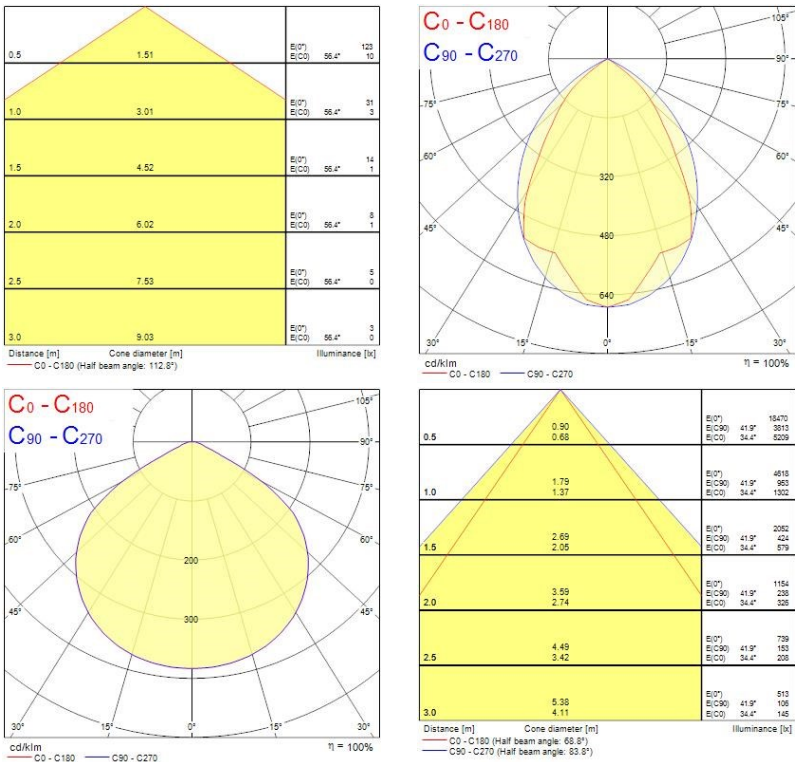
Weight (kg) 3.2

### Packaging

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|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288542423  |
| Packaging single width (cm)          | 6.5            |
| Packaging single depth (cm)          | 21.0           |
| DUN14 (outer)                        | 05410288542423 |
| Packaging outer length / height (cm) | 153.5          |

PHOTOMETRY



TECHNICAL DRAWINGS

