



Features

- Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 3300lm, 32W, 103lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<15, 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.

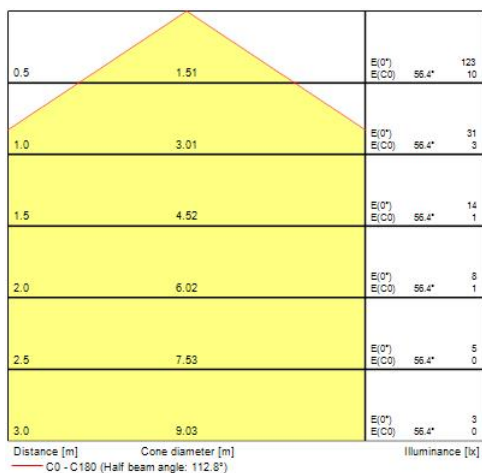
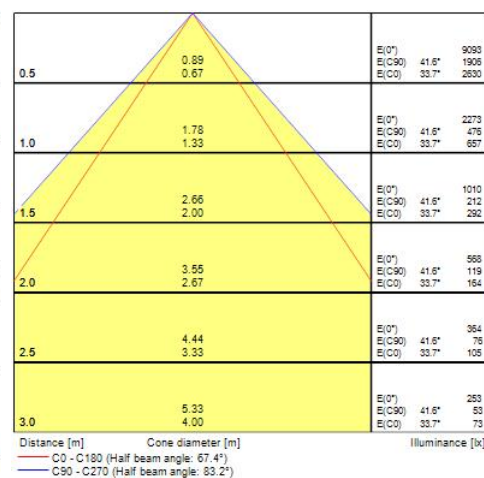
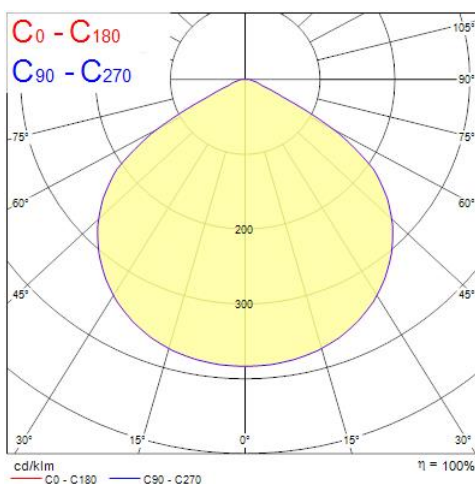
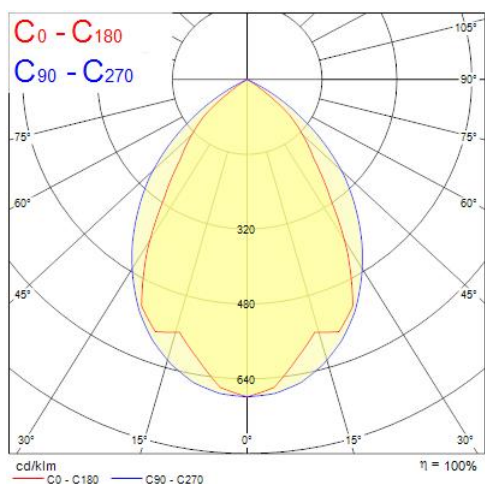
Product Overview

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Product name                    | RANA NEO 3300LM S 600 830 CC EM 2L WHITE |
| Technology                      | LED (3 SDCM)                             |
| Cap/Base                        | N/A                                      |
| Housing                         | Steel                                    |
| Mount                           | Ceiling surface mounting, Suspended      |
| Fixture luminous flux (lm)      | 3300                                     |
| Luminaire efficacy (lm/W)       | 103                                      |
| Colour temperature (K)          | 3000                                     |
| Light colour                    | Warm White                               |
| CRI (Ra)                        | 80                                       |
| Colour Variation Initial (SDCM) | 3                                        |
| Glare control                   | < 15                                     |
| Photobiological Risk Group      | RG0                                      |
| Luminous flux (emergency) (lm)  | 80                                       |
| Total power consumption (W)     | 32                                       |
| Electrical protection           | Class I                                  |
| Control gear type               | LED driver constant current              |
| LED Flickering Rate             | Ultra low (5% or less)                   |

RANA NEO 3300LM S 600 830 CC EM 2L WHITE  
0054216

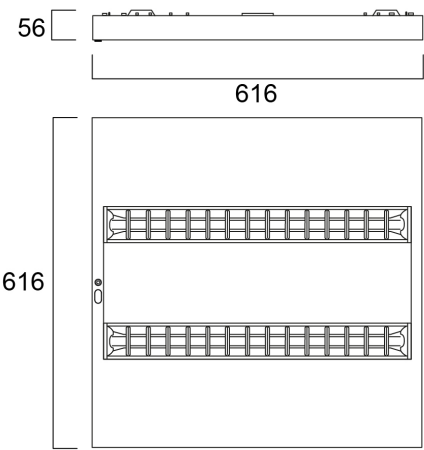
|                           |                                  |
|---------------------------|----------------------------------|
| <b>Housing colour</b>     | RAL 9016 - Traffic white / Bezel |
| <b>IP rating</b>          | IP20                             |
| <b>IK rating</b>          | IK07                             |
| <b>Product EAN number</b> | 5410288542164                    |
| <b>Warranty</b>           | 5 years                          |

## Photometry



RANA NEO 3300LM S 600 830 CC EM 2L WHITE  
0054216

Technical drawings



Data table

GENERAL DATA

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Product name                            | RANA NEO 3300LM S 600 830 CC EM 2L WHITE |
| Technology                              | LED (3 SDCM)                             |
| Cap/Base                                | N/A                                      |
| Housing                                 | Steel                                    |
| Mount                                   | Ceiling surface mounting, Suspended      |
| Operating temperature range (°C)        | 0°C...+25°C                              |
| Performance ambient temperature Tq (°C) | 25                                       |
| Warranty                                | 5 years                                  |

OPTICAL DATA

|                            |            |
|----------------------------|------------|
| Fixture luminous flux (lm) | 3300       |
| Luminaire efficacy (lm/W)  | 103        |
| Colour temperature (K)     | 3000       |
| Light colour               | Warm White |
| CRI (Ra)                   | 80         |

## RANA NEO 3300LM S 600 830 CC EM 2L WHITE 0054216

|                                 |      |
|---------------------------------|------|
| Colour Variation Initial (SDCM) | 3    |
| Glare control                   | < 15 |
| Photobiological Risk Group      | RG0  |
| Luminous flux (emergency) (lm)  | 80   |
| Emergency duration (h)          | 3    |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 32                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Lamp power factor                                        | 0.97                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 300                         |
| Inrush Current (A)                                       | 5.5                         |
| Inrush Duration (µs)                                     | 20                          |
| 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                          | 41                          |
| Max. products per 20A B Breaker                          | 82                          |

### 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                 |



RANA NEO 3300LM S 600 830 CC EM 2L WHITE  
0054216

|                             |     |
|-----------------------------|-----|
| Nominal Product Length (mm) | 616 |
| Nominal Product Width (mm)  | 616 |
| Weight (kg)                 | 5.0 |

PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288542164  |
| Packaging single width (cm)          | 6.5            |
| Packaging single depth (cm)          | 64.5           |
| DUN14 (outer)                        | 05410288542164 |
| Packaging outer length / height (cm) | 67.0           |

SAFETY DATA

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