



# RANA NEO 3300LM REC 600x600 830 SSC EM 2L WHITE

Item No: 0052586

**SYLVANIA**

## General data

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Product name                            | RANA NEO 3300LM REC 600x600 830 SSC EM 2L WHITE |
| Technology                              | LED                                             |
| Cap/Base                                | N/A                                             |
| Housing                                 | Steel                                           |
| Mount                                   | Ceiling recessed mounting                       |
| Built in presence detector              | NONE                                            |
| General application                     | Office, Education                               |
| Operating temperature range (°C)        | 5°C...+25°C                                     |
| Performance ambient temperature Tq (°C) | 25                                              |
| Virtual assistant compatibility         | N/A                                             |
| ETIM Class                              | EC002892                                        |
| Warranty                                | 5 years                                         |

## Optical data

|                                   |            |
|-----------------------------------|------------|
| Fixture luminous flux (lm)        | 3350       |
| Luminaire efficacy (lm/W)         | 101        |
| Correlated colour temperature (k) | 3000       |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |
| Colour Variation Initial (SDCM)   | SDCM3      |
| Distribution type                 | Symmetric  |
| Glare control                     | < 16       |
| Photobiological Risk Group        | RG0        |
| Luminous flux (emergency) (lm)    | 80         |

## Electrical data

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Emergency mode                                                   | Non-maintained              |
| Emergency type                                                   |                             |
| Emergency duration (h)                                           | 3                           |
| Total power consumption (W)                                      | 33                          |
| Primary Supply/Product voltage - min (V)                         | 220.0                       |
| Primary Supply/Product voltage - max (V)                         | 240.0                       |
| Lamp power factor                                                | 0.95                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | SylSmart Standalone (SSC)   |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 600                         |
| Inrush Current (A)                                               | 20                          |
| Inrush Duration (µs)                                             | 25                          |
| 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                                  | 57                          |
| Max. products per 13A C Breaker                                  | 71                          |
| Max. products per 16A C Breaker                                  | 93                          |
| Max. products per 20A C Breaker                                  | 114                         |
| Max. products per 10A B Breaker                                  | 35                          |
| Max. products per 13A B Breaker                                  | 45                          |
| Max. products per 16A B Breaker                                  | 55                          |
| Max. products per 20A B Breaker                                  | 68                          |
| Connectable conductor cross section - Min (mm²)                  | 0.75                        |
| Connectable conductor cross section - Max (mm²)                  | 2.5                         |

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## 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                 |
| Reflector finish            | Not Applicable                   |
| Nominal Product Length (mm) | 595                              |
| Nominal Product Width (mm)  | 595                              |
| Nominal Product Height (mm) | 52                               |
| Weight (kg)                 | 4.5                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288525860  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288525860 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

## Safety data

|                                  |      |
|----------------------------------|------|
| Glow Wire Test (°C)              | 850  |
| Optimal operating condition (°C) | 5-25 |