



Features

• Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 595x595x52mm, Sylvania White body colour, IP20, IK07, DALI Dimmable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3527lm, 33W, 106lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<15, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

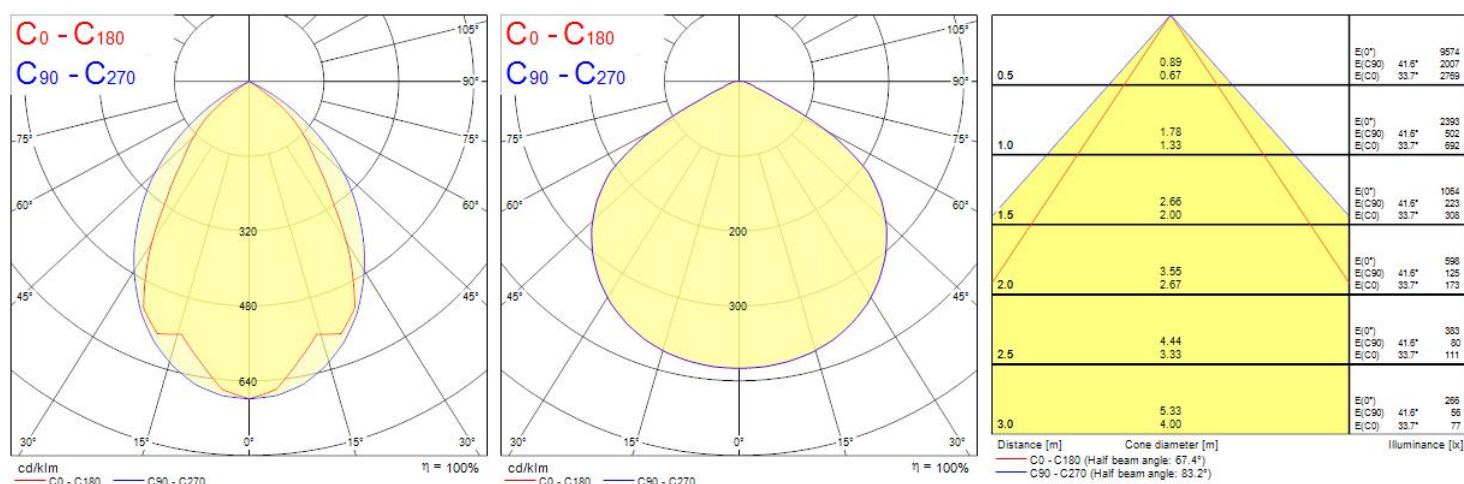
Product Overview

|                                   |                                                  |
|-----------------------------------|--------------------------------------------------|
| Product name                      | RANA NEO 3500LM REC 600x600 840 DALI EM 2L WHITE |
| Technology                        | LED (3 SDCM)                                     |
| Cap/Base                          | N/A                                              |
| Housing                           | Steel                                            |
| Mount                             | Ceiling recessed mounting                        |
| General application               | Education, Office                                |
| ETIM Class                        | EC002892                                         |
| Fixture luminous flux (lm)        | 3527                                             |
| Luminaire efficacy (lm/W)         | 106                                              |
| Correlated colour temperature (k) | 4000                                             |
| Light colour                      | Neutral White                                    |
| CRI (Ra)                          | 80                                               |
| Colour Variation Initial (SDCM)   | 3                                                |
| Glare control                     | < 15                                             |
| Photobiological Risk Group        | RG0                                              |

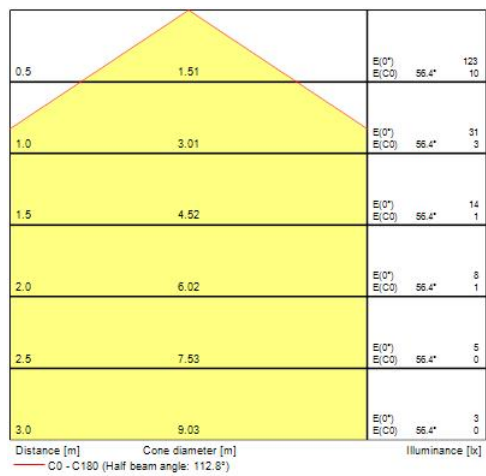
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|                                |                             |
|--------------------------------|-----------------------------|
| Luminous flux (emergency) (lm) | 80                          |
| Total power consumption (W)    | 33                          |
| Electrical protection          | Class I                     |
| Control gear type              | LED driver constant current |
| Dimmable                       | Yes                         |
| LED Flickering Rate            | Ultra low (5% or less)      |
| Housing colour                 | RAL9016                     |
| IP rating                      | IP20                        |
| IK rating                      | IK07                        |
| Product EAN number             | 5410288525853               |
| Warranty                       | 5 years                     |
| Dimming method                 | DALI                        |

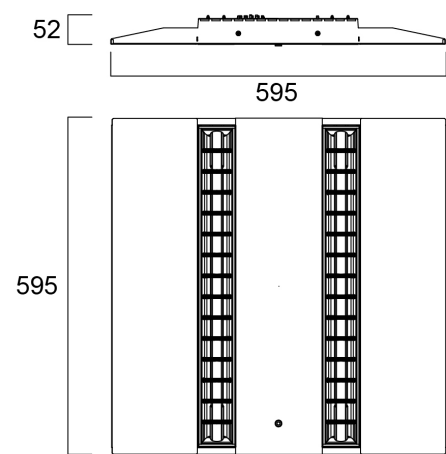
### Photometry



RANA NEO 3500LM REC 600x600 840 DALI EM 2L WHITE  
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Technical drawings



Data table

GENERAL DATA

|              |                                                  |
|--------------|--------------------------------------------------|
| Product name | RANA NEO 3500LM REC 600x600 840 DALI EM 2L WHITE |
| Technology   | LED (3 SDCM)                                     |
| Cap/Base     | N/A                                              |

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|                                         |                           |
|-----------------------------------------|---------------------------|
| Housing                                 | Steel                     |
| Mount                                   | Ceiling recessed mounting |
| General application                     | Education, Office         |
| Performance ambient temperature Tq (°C) | 25                        |
| ETIM Class                              | EC002892                  |
| Warranty                                | 5 years                   |

### OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 3527          |
| Luminaire efficacy (lm/W)         | 106           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| 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)                                      | 33                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.96                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 9                           |
| 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)                                               | 22.4                        |

## RANA NEO 3500LM REC 600x600 840 DALI EM 2L WHITE 0052585

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Inrush Duration (µs)                                     | 176                    |
| 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                          | 21                     |
| Max. products per 13A C Breaker                          | 28                     |
| Max. products per 16A C Breaker                          | 36                     |
| Max. products per 20A C Breaker                          | 45                     |
| Max. products per 10A B Breaker                          | 13                     |
| Max. products per 13A B Breaker                          | 17                     |
| Max. products per 16A B Breaker                          | 22                     |
| Max. products per 20A B Breaker                          | 27                     |

### LIFETIME DATA

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

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 595              |
| Nominal Product Width (mm)  | 595              |
| Nominal Product Height (mm) | 52               |
| Weight (kg)                 | 4.5              |

### PACKAGING

|                                       |               |
|---------------------------------------|---------------|
| Product EAN number                    | 5410288525853 |
| Packaging single length / height (cm) | 62.0          |
| Packaging single width (cm)           | 6.5           |
| Packaging single depth (cm)           | 65.0          |



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|                                      |                |
|--------------------------------------|----------------|
| DUN14 (inner)                        | 05410288525853 |
| 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 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |