



Features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 595x595x52mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone capable, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3527lm, 31W, 113lm/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.

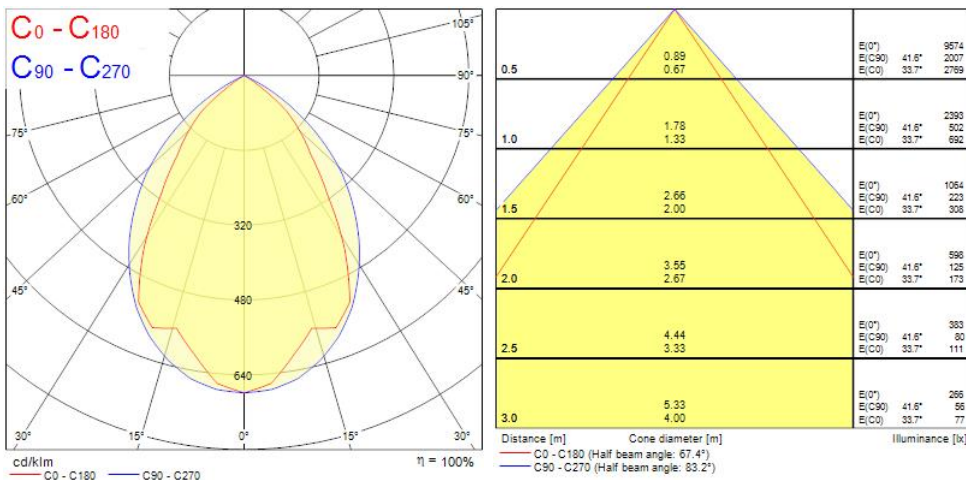
Product Overview

| | |
|---------------------------------|--|
| Product name | RANA NEO 3500LM REC 600x600 840 SSC 2L WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Fixture luminous flux (lm) | 3527 |
| Luminaire efficacy (lm/W) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | < 15 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 31 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |

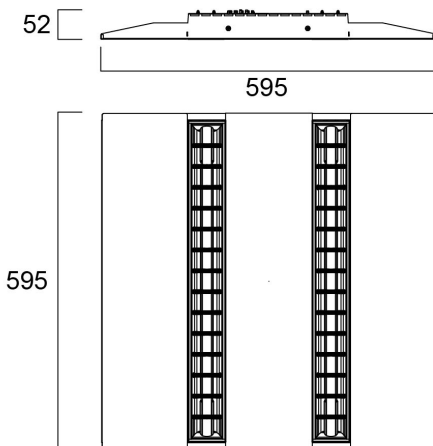
RANA NEO 3500LM REC 600x600 840 SSC 2L WHITE 0052581

| | |
|---------------------|----------------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288525815 |
| Warranty | 5 years |

Photometry



Technical drawings



Data table

GENERAL DATA

| | |
|---|--|
| Product name | RANA NEO 3500LM REC 600x600 840 SSC 2L WHITE |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| Operating temperature range (°C) | -5°C...+25°C |
| Performance ambient temperature Tq (°C) | 25 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 3527 |
| Luminaire efficacy (lm/W) | 113 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | < 15 |
| Photobiological Risk Group | RG0 |

ELECTRICAL DATA

| | |
|--|-----------------------------|
| Total power consumption (W) | 31 |
| Primary Supply/Product voltage - min (V) | 220 |
| Lamp power factor | 0.95 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| Drive current (mA) | 600 |
| Inrush Current (A) | 20 |

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| | |
|--|------------------------|
| Inrush Duration (μ s) | 25 |
| Glow Wire Test ($^{\circ}$ 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 | 57 |
| Max. products per 20A B Breaker | 68 |

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 | Matt/satinized |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 595 |
| Nominal Product Width (mm) | 595 |
| Weight (kg) | 4.5 |

PACKAGING

| | |
|--------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288525815 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 65.0 |
| DUN14 (outer) | 05410288525815 |
| Packaging outer length / height (cm) | 62.0 |

SAFETY DATA

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|---|-------|
| Optimal operating condition ($^{\circ}$ C) | -5-25 |
|---|-------|

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