



### 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/m<sup>2</sup>, 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.

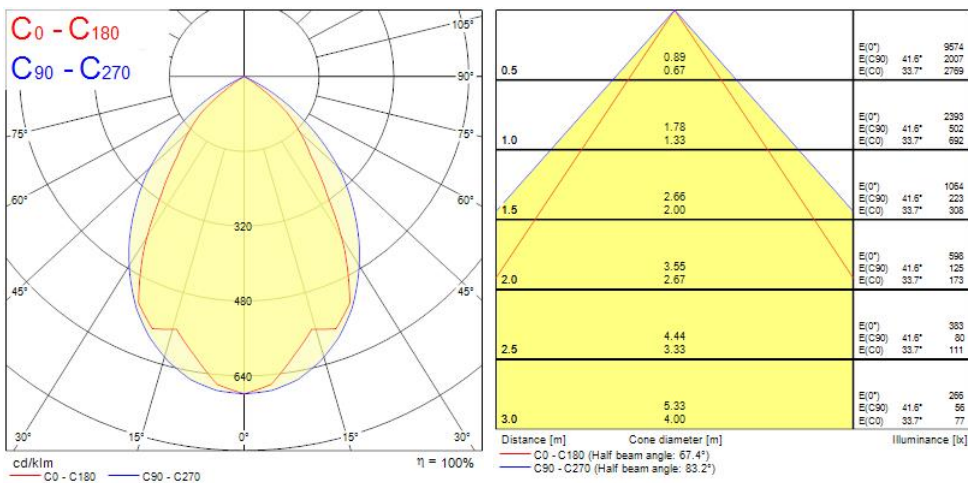
### Product Overview

<b>Product name</b>	RANA NEO 3500LM REC 600x600 840 SSC 2L WHITE
<b>Technology</b>	LED (3 SDCM)
<b>Cap/Base</b>	N/A
<b>Housing</b>	Steel
<b>Mount</b>	Ceiling recessed mounting
<b>General application</b>	Education, Office
<b>ETIM Class</b>	EC002892
<b>Fixture luminous flux (lm)</b>	3527
<b>Luminaire efficacy (lm/W)</b>	113
<b>Correlated colour temperature (k)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	3
<b>Glare control</b>	< 15

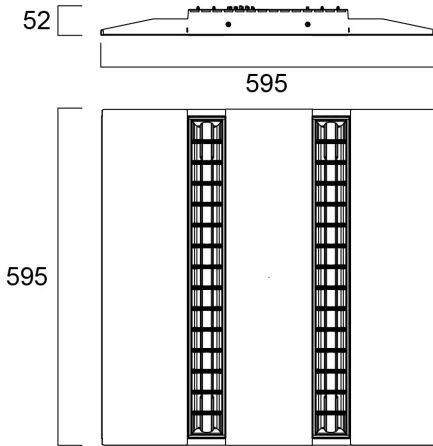
## RANA NEO 3500LM REC 600x600 840 SSC 2L WHITE 0052581

Photobiological Risk Group	RG0
Total power consumption (W)	31
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	5410288525815
Warranty	5 years
Dimming method	SylSmart SSC

### 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
General application	Education, Office
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	3527
Luminaire efficacy (lm/W)	113

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

Correlated 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
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration ( $\mu$ s)	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

### 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	5410288525815
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288525815
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

# **SYLVANIA**

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**0052581**

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