

# RANA NEO 3500LM REC 1200x300 830 DALI EM 1L WHITE

Item No: 0052596

**SYLVANIA**

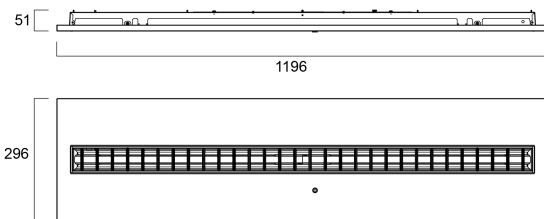
**PRO**



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 1196x296x52mm, Sylvania White body colour, IP20, IK07, DALI + Emergency 3 hours, Low LED flicker (+/-5%), Warm White (3000K), LED Colour Temperature, 3572lm, 33W, 108lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, 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.

## Technical Assets

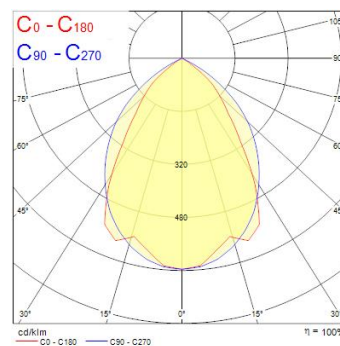
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.91 0.69	E107 E100 E100	9089 1936 2538
1.0	1.83 1.38	E107 E100 E100	2272 489 635
1.5	2.74 2.07	E107 E100 E100	1010 204 261
2.0	3.65 2.76	E107 E100 E100	500 115 150
2.5	4.57 3.45	E107 E100 E100	364 73 102
3.0	5.48 4.14	E107 E100 E100	282 51 71

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 C0 - C180 (Half beam angle: 69.2°)  
 C90 - C270 (Half beam angle: 84.9°)



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## General data

Product name	RANA NEO 3500LM REC 1200x300 830 DALI EM 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

## Optical data

Useful luminous flux (Φuse)	3572
Fixture luminous flux (lm)	3572
Luminous flux (lm)	3572
Luminaire efficacy (lm/W)	108
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
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
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

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## 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)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	52
Weight (kg)	5.5

## Packaging

Product EAN number	5410288525969
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (inner)	05410288525969
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

## Safety data

Glow Wire Test (°C)	850
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