

RANA NEO Recessed 1200 SylSmart

RANA NEO 3500LM REC 1200x300 830 SSC 1L WHITE
0052592



Product features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 1196x296x52mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone capable, Low LED flicker (+/-5%), Warm White (3000K), LED Colour Temperature, 3572m, 31W, 115lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, 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 1200x300 830 SSC 1L WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3572
Luminous flux (lm)	3572
Luminaire efficacy (lm/W)	115
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288525921

DATA TABLE

General data

Product name	RANA NEO 3500LM REC 1200x300 830 SSC 1L WHITE
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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)	3572
Luminous flux (lm)	3572
Luminaire efficacy (lm/W)	115
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	31
Mains voltage (V)	220-240V
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 SSC
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	25
Glow Wire Test (°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. Luminaires per 10A C Breaker	57
Max. Luminaires per 13A C Breaker	71
Max. Luminaires per 16A C Breaker	93
Max. Luminaires per 20A C Breaker	114
Max. Luminaires per 10A B Breaker	35
Max. Luminaires per 13A B Breaker	45
Max. Luminaires per 16A B Breaker	55
Max. Luminaires per 20A B Breaker	68

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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	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

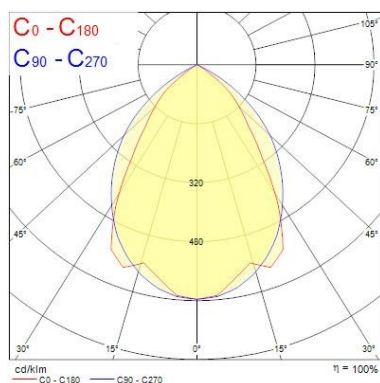
Packaging

Single packaging type	Carton
Product EAN number	5410288525921
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05410288525921
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

Optimal operating condition (°C)	-5-25
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PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]
0.5	0.91 0.69	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	9089 1554 2536
1.0	1.83 1.38	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	2272 489 635
1.5	2.74 2.07	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	1010 234 282
2.0	3.65 2.76	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	588 115 159
2.5	4.57 3.45	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	364 73 102
3.0	5.48 4.14	E(0°) E(C90) E(C0)	42.4° 15.4° 34.8°	252 51 71

TECHNICAL DRAWINGS



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