

## RANA NEO Recessed 1200 SylSmart

RANA NEO 3700LM REC 1200x300 840 SSC EM 1L WHITE

0052599

### 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, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3761lm, 33W, 113lm/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.

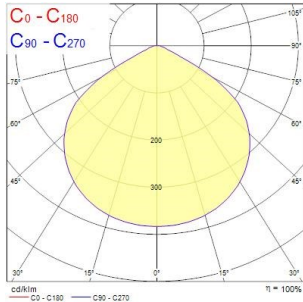


### PRODUCT OVERVIEW

Product name	RANA NEO 3700LM REC 1200x300 840 SSC EM 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
Useful luminous flux (Fuse)	3761
Fixture luminous flux (lm)	3761
Luminous flux (lm)	3761
Luminaire efficacy (lm/W)	113
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 18
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Total power consumption (W)	33
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	5410288525990

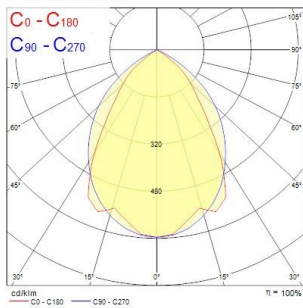
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### PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>01</sub> [lx]	E <sub>02</sub> [lx]	E <sub>03</sub> [lx]
0.5	1.51	123	96.4°	12
1.0	3.01	31	96.4°	3
1.5	4.52	14	86.4°	1
2.0	6.02	8	66.4°	1
2.5	7.53	5	66.4°	0
3.0	9.03	3	56.4°	0

Distance [m] Cone diameter [m]  
 C0 - C180 (Half beam angle: 112.8°)



Distance [m]	Cone diameter [m]	E <sub>01</sub> [lx]	E <sub>02</sub> [lx]	E <sub>03</sub> [lx]
0.5	0.91 0.69	975 975	42.4° 34.8°	273
1.0	1.83 1.38	236 403	42.4° 34.8°	69
1.5	2.74 2.07	103 218	42.4° 34.8°	23
2.0	3.65 2.76	56 121	42.4° 34.8°	16
2.5	4.57 3.49	33 77	42.4° 34.8°	10
3.0	5.48 4.14	26 54	42.4° 34.8°	7

Distance [m] Cone diameter [m]  
 C0 - C180 (Half beam angle: 69.2°)  
 C90 - C270 (Half beam angle: 54.8°)

### TECHNICAL DRAWINGS

