

RANA NEO Recessed 1200

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

0052595



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, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3761lm, 32W, 117lm/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.



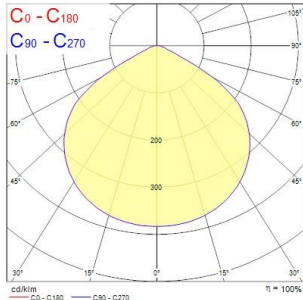
PRODUCT OVERVIEW

Product name	RANA NEO 3700LM REC 1200x300 840 CC 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)	117
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)	32
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288525952

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PHOTOMETRY

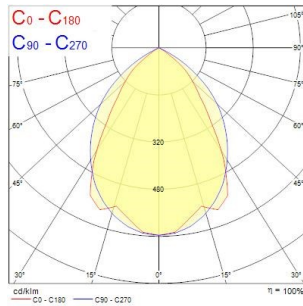


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	Illuminance [lx]
0.5	0.81 0.69	9870	424°	1921	3970
1.0	1.63 1.38	2390	424°	450	990
1.5	2.74 2.07	1050	424°	216	420
2.0	3.65 2.76	590	424°	121	240
2.5	4.57 3.45	380	424°	77	150
3.0	5.48 4.14	260	424°	54	100

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 84.8°)
C90 - C270 (Half beam angle: 84.8°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	Illuminance [lx]
0.5	1.51	122	56.4°	15	15
1.0	3.01	31	56.4°	3	3
1.5	4.52	14	56.4°	1	1
2.0	6.02	8	56.4°	0	0
2.5	7.53	5	56.4°	0	0
3.0	9.03	3	56.4°	0	0

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 112.8°)
C90 - C270 (Half beam angle: 112.8°)



TECHNICAL DRAWINGS

