

RANA NEO Recessed 1200

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

0052597



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, DALI Dimmable, 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.



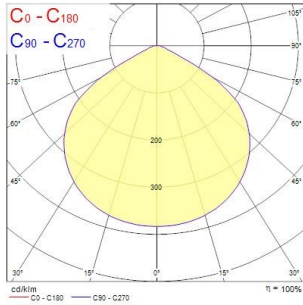
PRODUCT OVERVIEW

Product name	RANA NEO 3700LM REC 1200x300 840 DALI 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	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288525976

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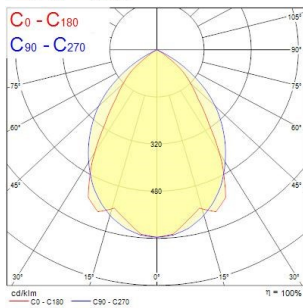
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	E(C270)	Illuminance [lx]
0.5	0.91 0.69	5101	42.4°	1970	34.8°	1911
1.0	1.83 1.38	5101	42.4°	2390	34.8°	450
1.5	2.74 2.07	5101	42.4°	1050	34.8°	215
2.0	3.65 2.76	5101	42.4°	590	34.8°	127
2.5	4.57 3.45	5101	42.4°	385	34.8°	77
3.0	5.48 4.14	5101	42.4°	265	34.8°	54

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)	E(C270)	Illuminance [lx]
0.5	1.91	5101	88.2°	122	88.2°	10
1.0	3.81	5101	88.2°	31	88.2°	3
1.5	5.72	5101	88.2°	14	88.2°	1
2.0	7.62	5101	88.2°	8	88.2°	0
2.5	9.53	5101	88.2°	5	88.2°	0
3.0	11.43	5101	88.2°	3	88.2°	0

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 88.2°)
C90 - C270 (Half beam angle: 88.2°)

TECHNICAL DRAWINGS

