



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.

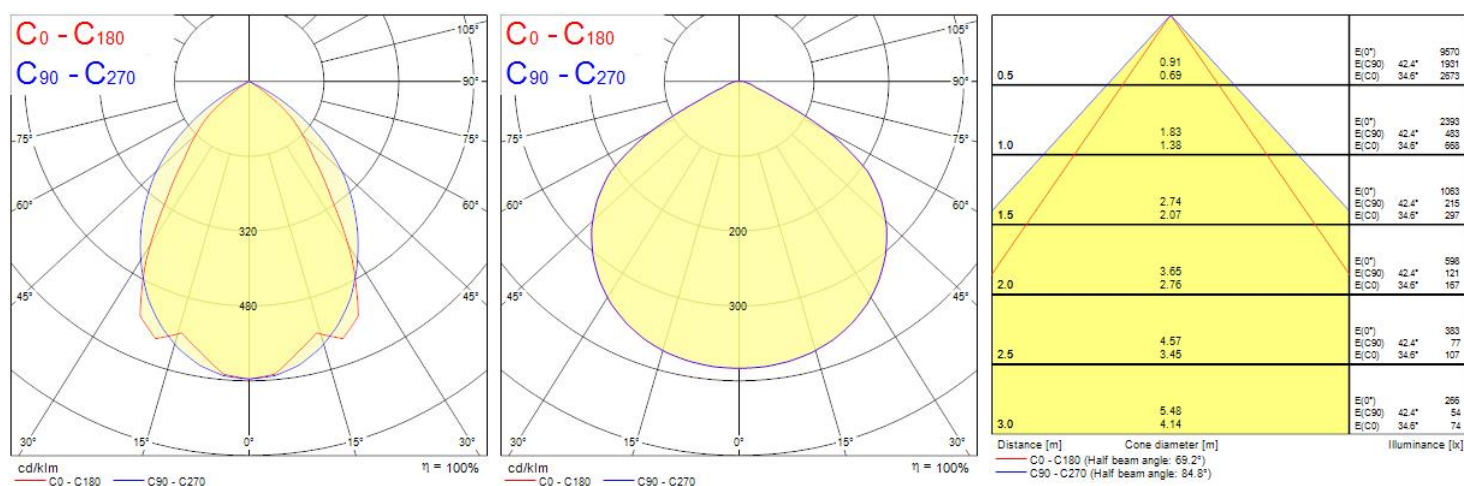
Product Overview

Product name	RANA NEO 3700LM REC 1200x300 840 DALI EM 1L WHITE
Technology	LED (3 SDCM)
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3761
Luminous flux (lm)	3761
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG0

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Luminous flux (emergency) (lm)	80
Total power consumption (W)	33
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
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
Warranty	5 years
Dimming method	DALI

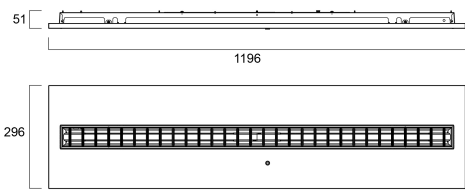
Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RANA NEO 3700LM REC 1200x300 840 DALI EM 1L WHITE
Technology	LED (3 SDCM)
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

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OPTICAL DATA

Fixture luminous flux (lm)	3761
Luminous flux (lm)	3761
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	33
Mains voltage (V)	220-240V
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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 (μ s)	176
Glow Wire Test ($^{\circ}$ 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	21

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Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

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	5410288525976
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (outer)	05410288525976
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0



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SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No