



Features

• Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 595x595x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x130mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3000lm, 28W, 107lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, Lumen Maintenance: L90B10 at 50,000 hours, 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.

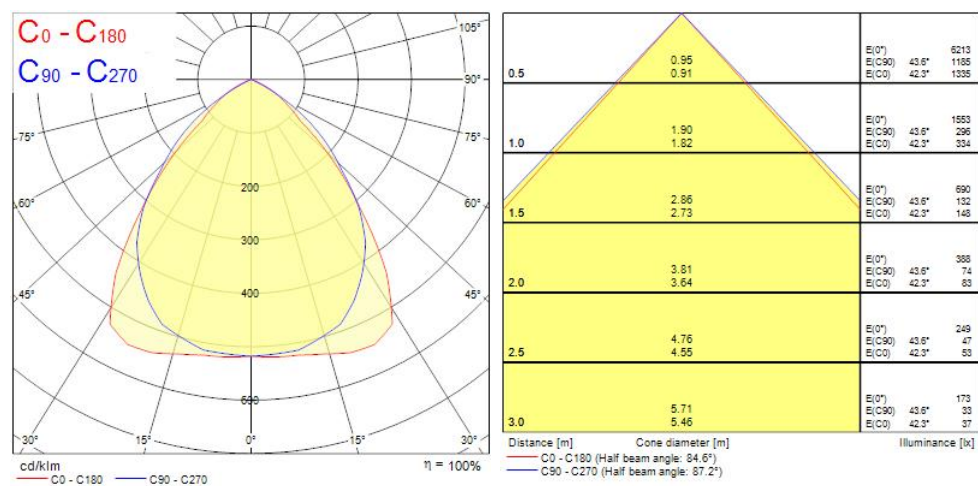
Product Overview

Product name	RANA LED R 600 LO 4K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
E-number FI	4273755
Fixture luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19

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0052404

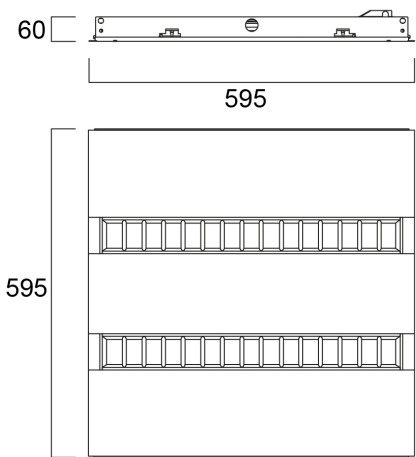
Photobiological Risk Group	RG0
Total power consumption (W)	28
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524047
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RANA LED R 600 LO 4K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
Operating temperature range (°C)	5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4273755
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107

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Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	28
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	275
Inrush Current (A)	22
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	28
Max. products per 13A C Breaker	36
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	56
Max. products per 10A B Breaker	17
Max. products per 13A B Breaker	22
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	34

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Connectable conductor cross section - Min (mm²)	2.5
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Connectable conductor cross section - Max (mm²)	2.5
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LIFETIME DATA

Lifespan L70 B50	50000
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Lifespan L70 B10	50000
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Lifespan L80 B50	50000
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Lifespan L80 B10	50000
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Lifespan L90 B50	50000
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Lifespan L90 B10	50000
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PHYSICAL DATA

Housing colour	White
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IP rating	IP20
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IK rating	IK07
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Diffuser finish	Prismatic
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Diffuser material	PC Polycarbonate
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Nominal Product Length (mm)	595
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Nominal Product Width (mm)	595
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Nominal Product Height (mm)	60
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Weight (kg)	4.5
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Recessed Depth (mm)	120
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PACKAGING

Product EAN number	5410288524047
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Packaging single length / height (cm)	62.0
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Packaging single width (cm)	6.5
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Packaging single depth (cm)	65.0
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DUN14 (inner)	05410288524047
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Units per outer package	1
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Packaging outer length / height (cm)	62.0
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Packaging outer width (cm)	6.5
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Packaging outer depth (cm)	65.0
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SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No