

RANA LED R 600 LO 4K LOUV+PRI W GEN2 0052404



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
Luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	28

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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

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
Luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	28
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ 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 (μ s)	250
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	28
Max. Luminaires per 13A C Breaker	36
Max. Luminaires per 16A C Breaker	45
Max. Luminaires per 20A C Breaker	56
Max. Luminaires per 10A B Breaker	17
Max. Luminaires per 13A B Breaker	22
Max. Luminaires per 16A B Breaker	27
Max. Luminaires per 20A B Breaker	34

LIFETIME DATA

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Lifespan L70 B50	50000
Lifespan L70 B10	50000
Lifespan L80 B50	50000
Lifespan L80 B10	50000
Lifespan L90 B50	50000
Lifespan L90 B10	50000

PHYSICAL DATA

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

PACKAGING

Single packaging type	Carton
Product EAN number	5410288524047
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288524047
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

SAFETY DATA

Optimal operating condition (°C)	5-25
Special purpose lamp	No



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Dry applications use only	No
Suitable for household illumination	No