

RANA LED Surface 600
RANA LED S 600 LO 4K LOUV+PRI W GEN2
0051458



Product features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x50mm, 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, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.



PRODUCT OVERVIEW

Product name	RANA LED S 600 LO 4K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Hospitality, Office, Retail
E-number FI	4273512
Warranty	5 years
Fixture luminous flux (lm)	3000
Luminous flux (lm)	3000
Luminaire efficacy (lm/W)	107
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	28
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	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288514581

DATA TABLE

General data	
Product name	RANA LED S 600 LO 4K LOUV+PRI W GEN2
Technology	LED

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Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Hospitality, Office, Retail
Operating temperature range (°C)	5°C...+25°C
Performance ambient temperature Tq (°C)	25
E-number FI	4273512
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
Colour Variation Initial (SDCM)	SDCM3
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) xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Inrush Current (A)	22
Glow Wire Test (°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 10A B Breaker	17
Max. Luminaires per 16A B Breaker	27
Max. Luminaires per 20A B Breaker	34

Lifetime data

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

