

RANA LED Surface 600

RANA LED S 600 HO 4K LOUV+PRI 1-10 W GEN2

0051471



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: 570x285mm, 1-10V Dimmable, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4500lm, 40W, 113lm/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 HO 4K LOUV+PRI 1-10 W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality, Retail, Education
ETIM Class	EC002892
E-number FI	4273530
Warranty	5 years
Fixture luminous flux (lm)	4500
Luminous flux (lm)	4500
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	40
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
Minimum dimming level (%)	90
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288514710
Dimming method	1-10V (Analogue)

DATA TABLE

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General data

Product name	RANA LED S 600 HO 4K LOUV+PRI 1-10 W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality, Retail, Education
Performance ambient temperature T _a (°C)	25
ETIM Class	EC002892
E-number FI	4273530
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4500
Luminous flux (lm)	4500
Luminaire efficacy (lm/W)	113
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	40
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	Other
Dimmable	Yes
Minimum dimming level (%)	90
Drive current (mA)	275
Inrush Current (A)	45
Inrush Duration (µs)	100
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	31
Max. Luminaires per 16A C Breaker	51
Max. Luminaires per 20A C Breaker	62
Max. Luminaires per 10A B Breaker	18
Max. Luminaires per 16A B Breaker	30
Max. Luminaires per 20A B Breaker	37

Lifetime data

Lifespan L70 B50	50000
Lifespan L70 B10	50000

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

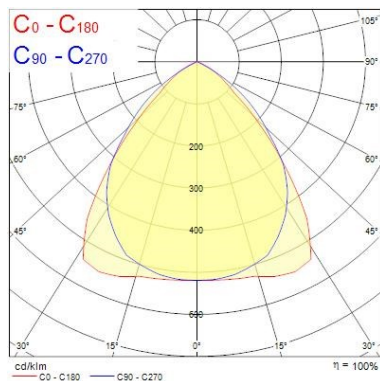
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	616
Nominal Product Width (mm)	616
Nominal Product Height (mm)	50
Weight (kg)	4.9

Packaging

Single packaging type	Carton
Product EAN number	5410288514710
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (outer)	05410288514710
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	64.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.96 0.90	84.2° 87.6°	0.96 0.90	9342 1787 2030
1.0	1.92 1.81	84.2° 87.6°	1.92 1.81	2335 439 508
1.5	2.88 2.71	84.2° 87.6°	2.88 2.71	1038 196 226
2.0	3.84 3.61	84.2° 87.6°	3.84 3.61	594 110 127
2.5	4.79 4.52	84.2° 87.6°	4.79 4.52	374 70 81
3.0	5.76 5.42	84.2° 87.6°	5.76 5.42	289 49 56

TECHNICAL DRAWINGS

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