

RANA LED Surface 600

RANA LED S 600 LO 3K LOUV+PRI 1-10 W GEN2

0051456



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, 1-10V Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 2800lm, 28W, 100lm/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 3K LOUV+PRI 1-10 W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	2800
Luminous flux (lm)	2800
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	28
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	5410288514567
Dimming method	1-10V (Analogue)

DATA TABLE

General data

Product name	RANA LED S 600 LO 3K LOUV+PRI 1-10 W GEN2
--------------	---

RANA LED Surface 600

RANA LED S 600 LO 3K LOUV+PRI 1-10 W GEN2

0051456

Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Hospitality, Office, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2800
Luminous flux (lm)	2800
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	28
Mains voltage (V)	220-240V
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
Lifespan L90 B10	50000

Physical data

Housing colour	White
----------------	-------

RANA LED Surface 600

RANA LED S 600 LO 3K LOUV+PRI 1-10 W GEN2

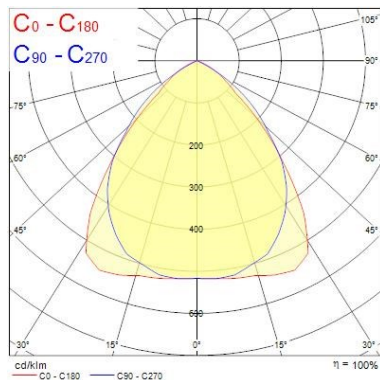
0051456

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)	5.1

Packaging

Single packaging type	Carton
Product EAN number	5410288514567
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (outer)	05410288514567
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 angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.95	84.6°	87.0°	84.6°	5788
	0.91	84.6°	87.0°	84.6°	1116
		84.6°	87.0°	84.6°	1245
1.0	1.90	84.6°	87.0°	84.6°	1447
	1.82	84.6°	87.0°	84.6°	279
		84.6°	87.0°	84.6°	311
1.5	2.85	84.6°	87.0°	84.6°	643
	2.73	84.6°	87.0°	84.6°	124
		84.6°	87.0°	84.6°	135
2.0	3.80	84.6°	87.0°	84.6°	392
	3.64	84.6°	87.0°	84.6°	70
		84.6°	87.0°	84.6°	78
2.5	4.74	84.6°	87.0°	84.6°	231
	4.55	84.6°	87.0°	84.6°	45
		84.6°	87.0°	84.6°	50
3.0	5.69	84.6°	87.0°	84.6°	161
	5.46	84.6°	87.0°	84.6°	31
		84.6°	87.0°	84.6°	35

TECHNICAL DRAWINGS

