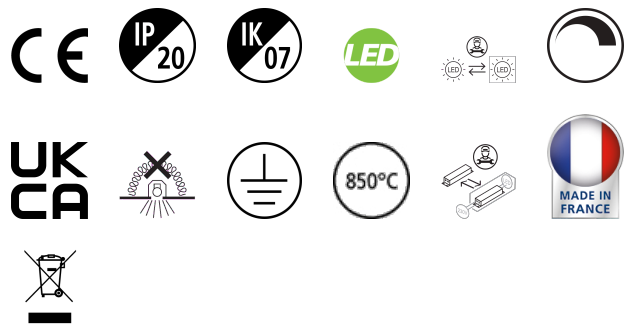


RANA LED S 1200 LO 3K LOUV+PRI 1-10 W GEN2

Item No: 0051478



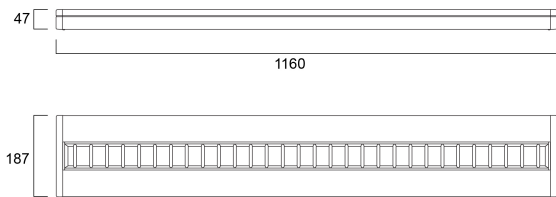
PRO



Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x65mm, 1-10V Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 2900lm, 28W, 104lm/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.

Technical Assets

Dimensions (mm)

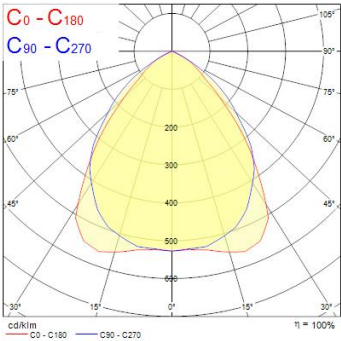


Photometrics

Distance [m]	Cone diameter [m]	E0°	E15°	E30°	E45°	E60°	E75°	E90°
0.5	0.96	6115	1146	1428	1529	1629	1729	1829
1.0	1.92	1529	287	367	407	447	487	527
1.5	2.88	679	123	157	177	197	217	237
2.0	3.84	302	53	69	77	85	93	101
2.5	4.80	145	25	33	37	41	45	49
3.0	5.76	170	30	39	44	48	52	56

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 81.4°) — C90 - C270 (Half beam angle: 87.9°)



RANA LED S 1200 LO 3K LOUV+PRI 1-10 W GEN2

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General data

Product name	RANA LED S 1200 LO 3K 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 Tq (°C)	25
ETIM Class	EC002892
E-number FI	4273593
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	2900
Fixture luminous flux (lm)	2900
Luminous flux (lm)	2900
Luminaire efficacy (lm/W)	104
Correlated 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
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	10
Drive current (mA)	275
Inrush Current (A)	45
Inrush Duration (µs)	100
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	31
Max. products per 16A C Breaker	51
Max. products per 20A C Breaker	62
Max. products per 10A B Breaker	18
Max. products per 16A B Breaker	30
Max. products per 20A B Breaker	37
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

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

RANA LED S 1200 LO 3K LOUV+PRI 1-10 W GEN2

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Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	3.6

Packaging

Product EAN number	5410288514789
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288514789
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	850
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