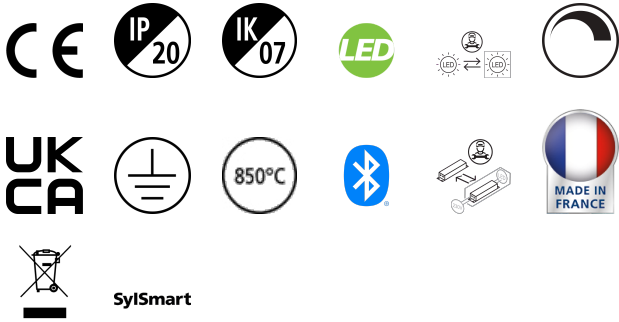


RANA LINEAR S 3KLM TW LOUV+PRI SSC01 WHITE

Item No: 0051345



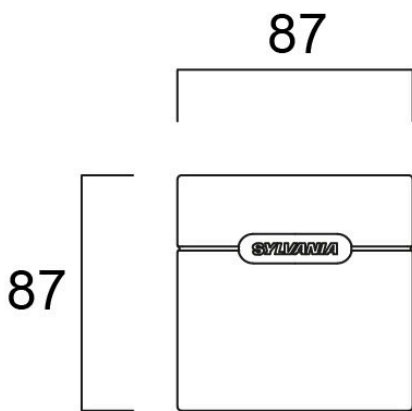
PRO



Surface or Suspended LED Linear luminaire with Louvre+MicroPrismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, SylSmart Standalone capable, Electric Class 1, Tunable White LED (3000-6000K), 2900lm, 31W, 94lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Glow Wire Test 850°C

Technical Assets

Dimensions (mm)

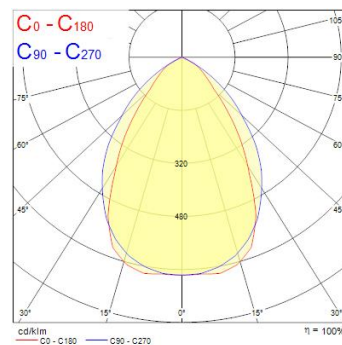


Photometrics

Distance [m]	Cone diameter [m]	E10°	E15°	E30°	E45°	E60°	E75°	E90°	Iluminance [lx]
0.5	0.67	1623	1111	547	324	212	146	101	7623
1.0	1.34	405	270	137	84	56	40	28	1906
1.5	2.02	171	114	58	36	24	17	12	847
2.0	2.69	95	63	33	20	14	10	7	476
2.5	3.36	57	38	20	12	8	6	4	305
3.0	4.03	41	27	14	9	6	4	3	212

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

— C0 - C180 (Half beam angle: 67.5°)
— C90 - C270 (Half beam angle: 82.5°)



RANA LINEAR S 3KLM TW LOUV+PRI SSC01 WHITE

Item No: 0051345

SYLVANIA

General data

Product name	RANA LINEAR S 3KLM TW LOUV+PRI SSC01 WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	2900
Fixture luminous flux (lm)	2900
Luminous flux (lm)	2900
Luminaire efficacy (lm/W)	94
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 17
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
Connectable conductor cross section - Max (mm²)	2.5

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SYLVANIA

Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B50	45000
Lifespan L90 B20	41000
Lifespan L90 B10	39000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Matt
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	87
Nominal Product Height (mm)	87
Weight (kg)	2.95

Packaging

Product EAN number	5410288513454
Packaging single length / height (cm)	116.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
DUN14 (inner)	05410288513454
Units per outer package	1
Packaging outer length / height (cm)	116.5
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	10.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40