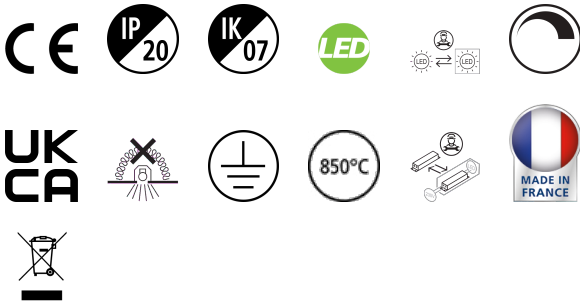


RANA LED S 1200 HO 3K LOUVV+PRI DW GEN2

Item No: 0051488

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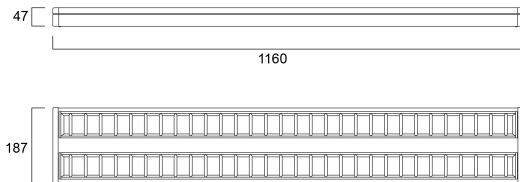
PROTM



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: 1130x165mm, DALI Dimmable (Switch-DIM/Push-DIM enabled), Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 5800lm, 52W, 112lm/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

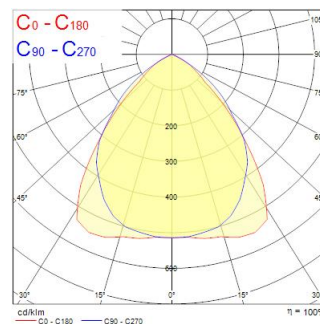
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.96 0.91	60°	43.7"	1.72'	17.32"	1919
		60°	43.7"	1.72'	17.32"	2254
		60°	43.7"	1.72'	17.32"	2550
1.0	1.91 1.81	60°	43.7"	1.72'	17.32"	980
		60°	43.7"	1.72'	17.32"	1141
		60°	43.7"	1.72'	17.32"	1284
1.5	2.87 2.72	60°	43.7"	1.72'	17.32"	427
		60°	43.7"	1.72'	17.32"	511
		60°	43.7"	1.72'	17.32"	573
2.0	3.82 3.63	60°	43.7"	1.72'	17.32"	311
		60°	43.7"	1.72'	17.32"	371
		60°	43.7"	1.72'	17.32"	417
2.5	4.76 4.53	60°	43.7"	1.72'	17.32"	249
		60°	43.7"	1.72'	17.32"	298
		60°	43.7"	1.72'	17.32"	333
3.0	5.73 5.44	60°	43.7"	1.72'	17.32"	192
		60°	43.7"	1.72'	17.32"	230
		60°	43.7"	1.72'	17.32"	259

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 84.4°)
 — C90 - C270 (Half beam angle: 87.4°)



RANA LED S 1200 HO 3K LOUV+PRI DW GEN2

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General data

Product name	RANA LED S 1200 HO 3K LOUV+PRI DW GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4273656
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5800
Luminaire efficacy (lm/W)	112
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	52
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	275
Inrush Current (A)	23
Inrush Duration (µs)	174
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 - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

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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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	3.3

Packaging

Product EAN number	5410288514888
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288514888
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
Optimal operating condition (°C)	-5-25