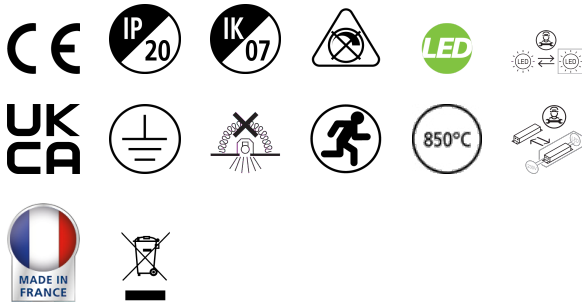


# RANA LED R 1200 HO 4K LOUVV+PRI EM W GEN2

Item No: 0052441

**SYLVANIA**

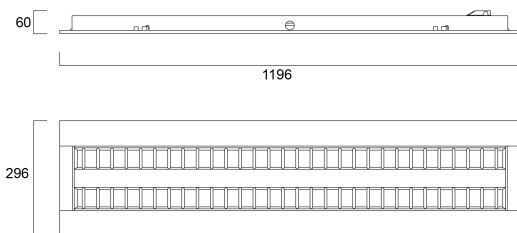
**PRO**<sup>TM</sup>



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1196x296x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x165mm, Constant Current, Low LED flicker (+/-5%), Emergency 3 hours, Neutral White (4000K) LED Colour Temperature, 6000lm, 57W, 105lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m<sup>2</sup>, Lumen Maintenance: L90B10 at 50,000 hours, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire can be covered with building insulation of Glass Wool type.

## Technical Assets

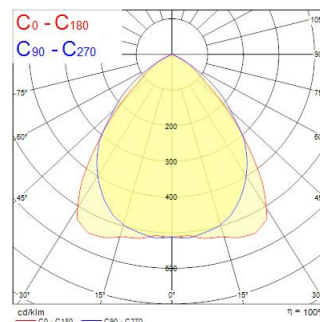
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.96 0.91	0.97 0.92	43.7° 42.2°	0.97 0.92	43.7° 42.2°	1232 2300
1.0	1.91 1.81	1.91 1.81	43.7° 42.2°	1.91 1.81	43.7° 42.2°	3073 939
1.5	2.87 2.72	2.87 2.72	43.7° 42.2°	2.87 2.72	43.7° 42.2°	1366 301
2.0	3.82 3.63	3.82 3.63	43.7° 42.2°	3.82 3.63	43.7° 42.2°	786 167
2.5	4.76 4.53	4.76 4.53	43.7° 42.2°	4.76 4.53	43.7° 42.2°	492 84
3.0	5.73 5.44	5.73 5.44	43.7° 42.2°	5.73 5.44	43.7° 42.2°	341 62

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



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## General data

Product name	RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
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
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	6000
Luminaire efficacy (lm/W)	105
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	578

## Electrical data

Emergency mode	Maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	57
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	275
Inrush Current (A)	33
Inrush Duration (µs)	250
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	46
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	28
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2

Item No: 0052441

**SYLVANIA**

## 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)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	60
Weight (kg)	4.6
Recessed Depth (mm)	120

## Packaging

Product EAN number	5410288524412
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (inner)	05410288524412
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

## Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-25