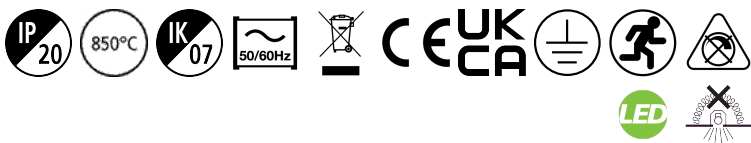# SYLVANIA

RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
0052441

Features

• 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/m2, 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.
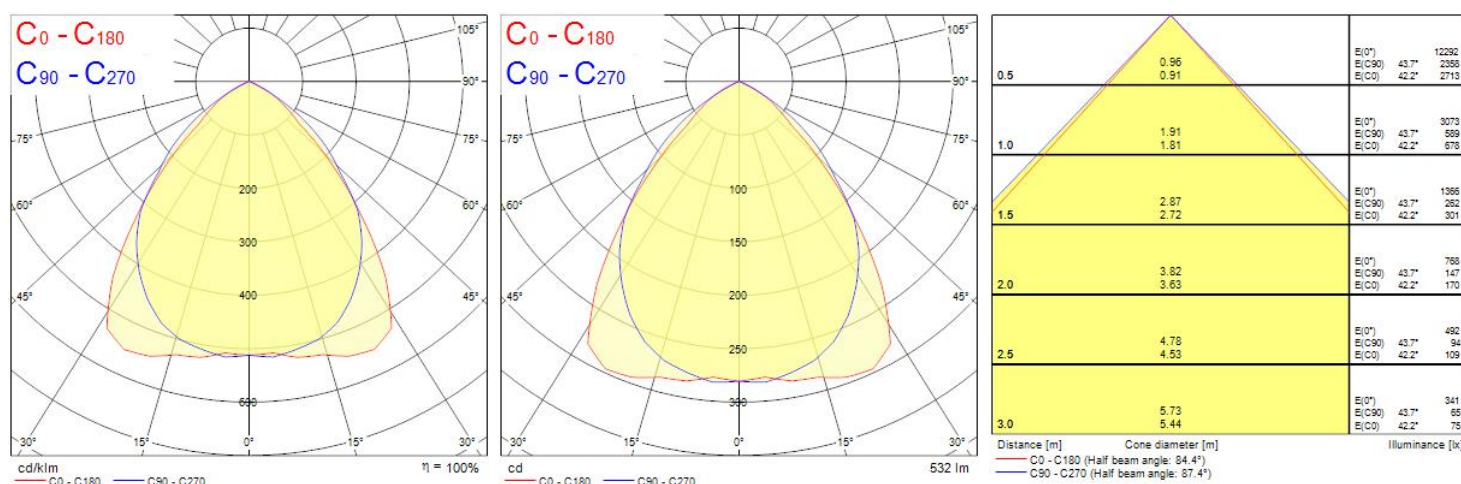
Product Overview

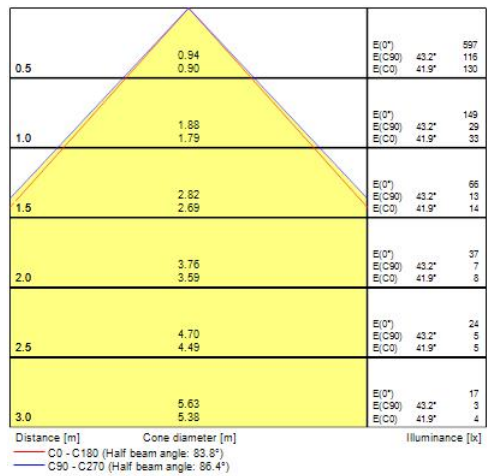|	
Product name	RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
Fixture luminous flux (lm)	6000
Luminaire efficacy (lm/W)	105
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0

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RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
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Luminous flux (emergency) (lm)	578
Total power consumption (W)	57
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524412
Warranty	5 years
Dimming method	N/A

Photometry

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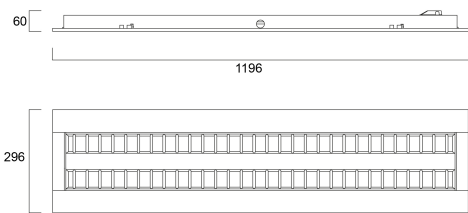
![SYLVANIA]

RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
0052441

Technical drawings

Data table

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
General application	Education, Hospitality, Office, Retail
Operating temperature range (°C)	5°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892

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RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
0052441

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)	3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	578
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	57
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
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
Max. products per 10A C Breaker	21

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

PHYSICAL DATA

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
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

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RANA LED R 1200 HO 4K LOUV+PRI EM W GEN2
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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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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