

RANA LED Recessed 1200

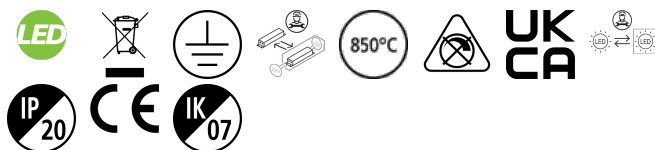
RANA LED R 1200 HO 3K LOUV+PRI DW GEN2

0052434



Product 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, 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, 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 3K LOUV+PRI DW GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
E-number FI	4273998
Warranty	5 years
Fixture luminous flux (lm)	5800
Luminous flux (lm)	5800
Luminaire efficacy (lm/W)	112
Colour temperature (K)	3000
Light colour	Warm White
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	52
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524344

DATA TABLE

General data

Product name	RANA LED R 1200 HO 3K LOUV+PRI DW GEN2
Technology	LED

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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
E-number FI	4273998
Warranty	5 years

Optical data

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

Electrical data

Total power consumption (W)	52
Mains voltage (V)	220-240V
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
Inrush Current (A)	33
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	28

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

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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)	1196
Nominal Product Width (mm)	296
Weight (kg)	4.1
Recessed Depth (mm)	120

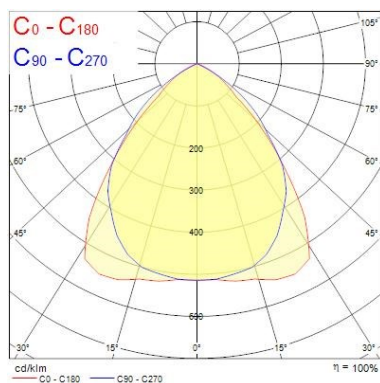
Packaging

Single packaging type	Carton
Product EAN number	5410288524344
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
Units per outer package	1
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

Safety data

Optimal operating condition (°C)	5-25
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PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.96	119.6°	1196	11919
1.0	1.91	119.6°	2392	2984
1.5	2.87	119.6°	3588	1314
2.0	3.82	119.6°	4784	745
2.5	4.78	119.6°	5980	477
3.0	5.73	119.6°	7176	331
	5.44	119.6°	7176	83

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

TECHNICAL DRAWINGS

