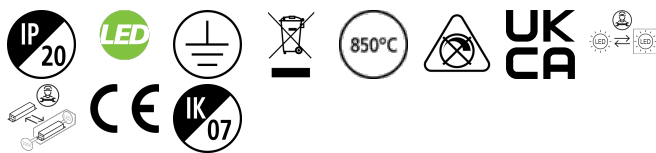


RANA LED Recessed 600
RANA LED R 600 HO 3K LOUV+PRI W GEN2
0052411



Product features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 595x595x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x285mm, Constant Current, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 4300lm, 40W, 108lm/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 600 HO 3K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
E-number FI	4273764
Warranty	5 years
Fixture luminous flux (lm)	4300
Luminous flux (lm)	4300
Luminaire efficacy (lm/W)	108
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	40
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524115

DATA TABLE

General data	
Product name	RANA LED R 600 HO 3K LOUV+PRI W GEN2

RANA LED Recessed 600

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Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4273764
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4300
Luminous flux (lm)	4300
Luminaire efficacy (lm/W)	108
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	40
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	275
Inrush Current (A)	25
Inrush Duration (µs)	280
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	23
Max. Luminaires per 13A C Breaker	31
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	50
Max. Luminaires per 10A B Breaker	14
Max. Luminaires per 13A B Breaker	19
Max. Luminaires per 16A B Breaker	24
Max. Luminaires per 20A B Breaker	30

Lifetime data

Lifespan L70 B50	50000
Lifespan L70 B10	50000
Lifespan L80 B50	50000

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Lifespan L80 B10	50000
Lifespan L90 B50	50000
Lifespan L90 B10	50000

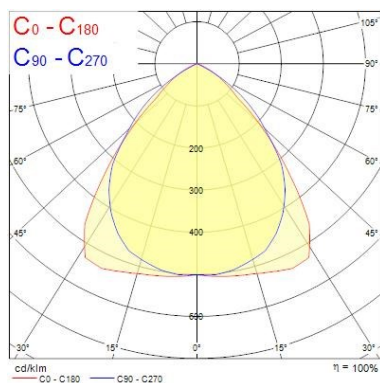
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	60
Weight (kg)	4.0
Recessed Depth (mm)	120

Packaging

Single packaging type	Carton
Product EAN number	5410288524115
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288524115
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.97 0.94	E(0°) 8812 E(C90) 1816 E(C0) 1809
1.0	1.93 1.87	E(0°) 2153 E(C90) 404 E(C0) 402
1.5	2.90 2.81	E(0°) 967 E(C90) 179 E(C0) 201
2.0	3.86 3.74	E(0°) 539 E(C90) 101 E(C0) 113
2.5	4.83 4.68	E(0°) 344 E(C90) 66 E(C0) 72
3.0	5.79 5.61	E(0°) 239 E(C90) 48 E(C0) 50

Distance [m] Cone diameter [m] illuminance [lx]
C0 - C180 (Half beam angle: 96.2°)
C90 - C270 (Half beam angle: 86.0°)

TECHNICAL DRAWINGS

RANA LED Recessed 600

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