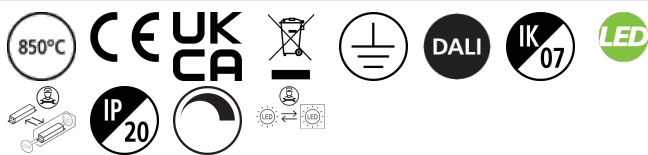


RANA LED Recessed 1250
RANA LED R 1250 LO 4K LOUV+PRI DALI W GEN2
0052472



Product features

- Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1246x306x60mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x65mm, DALI Dimmable (Switch-DIM/Push-DIM enabled), Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 3100lm, 28W, 111lm/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 1250 LO 4K LOUV+PRI DALI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Office, Retail
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3100
Luminous flux (lm)	3500
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	28
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288524726

DATA TABLE

General data

RANA LED Recessed 1250

RANA LED R 1250 LO 4K LOUV+PRI DALI W GEN2

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Product name	RANA LED R 1250 LO 4K LOUV+PRI DALI W GEN2
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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3100
Luminous flux (lm)	3500
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	28
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	1
Drive current (mA)	275
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
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

RANA LED Recessed 1250

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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

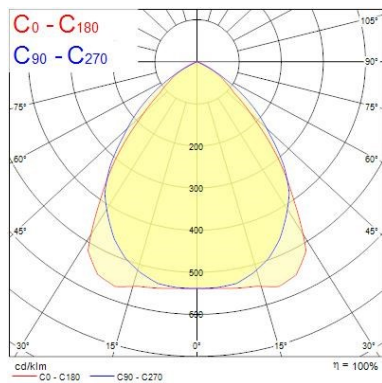
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1246
Nominal Product Width (mm)	306
Nominal Product Height (mm)	60
Weight (kg)	5.7
Recessed Depth (mm)	120

Packaging

Single packaging type	Carton
Product EAN number	5410288524726
DUN14 (outer)	05410288524726
Units per outer package	1
Packaging outer length / height (cm)	137.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	9.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)
0.5	0.84 0.86	8671	43.3° 1290	40.7° 1541
1.0	1.68 1.72	1988	43.3° 322	40.7° 385
1.5	2.53 2.58	741	43.3° 143	40.7° 171
2.0	3.37 3.44	417	43.3° 81	40.7° 96
2.5	4.21 4.30	267	43.3° 52	40.7° 62
3.0	5.05 5.16	188	43.3° 36	40.7° 43

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 81.4°)
C90 - C270 (Half beam angle: 96.8°)
Illuminance [lx]

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TECHNICAL DRAWINGS

