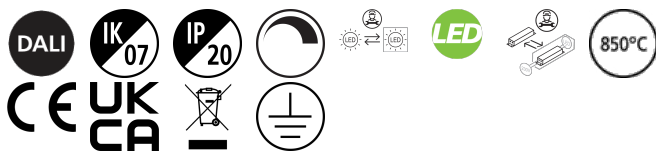


RANA LED Surface 1200
RANA LED S 1200 HO 4K LOUV+PRI DALI W GEN2
0051492



Product features

- Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x47mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 1130x165mm, DALI Dimmable (Switch-DIM/Push-DIM enabled), Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 6000lm, 52W, 115lm/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, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.



PRODUCT OVERVIEW

Product name	RANA LED S 1200 HO 4K LOUV+PRI DALI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality, Retail, Education
ETIM Class	EC002892
E-number FI	4273674
Warranty	5 years
Fixture luminous flux (lm)	6000
Luminous flux (lm)	6000
Luminaire efficacy (lm/W)	115
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)	52
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI, Switch-dim (mains-rated)
Minimum dimming level (%)	99
Housing colour	White
IP rating	IP20
IK rating	IK07
Product EAN number	5410288514925

DATA TABLE

RANA LED Surface 1200

RANA LED S 1200 HO 4K LOUV+PRI DALI W GEN2

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General data

Product name	RANA LED S 1200 HO 4K LOUV+PRI DALI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Office, Hospitality, Retail, Education
Performance ambient temperature T _a (°C)	25
ETIM Class	EC002892
E-number FI	4273674
Warranty	5 years

Optical data

Fixture luminous flux (lm)	6000
Luminous flux (lm)	6000
Luminaire efficacy (lm/W)	115
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)	52
Mains voltage (V)	220-240V
Lamp power factor	0.99
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 (%)	99
Drive current (mA)	275
Inrush Current (A)	23.1
Inrush Duration (µs)	174
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	18
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	28
Max. Luminaires per 20A C Breaker	34
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	14
Max. Luminaires per 20A B Breaker	17

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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

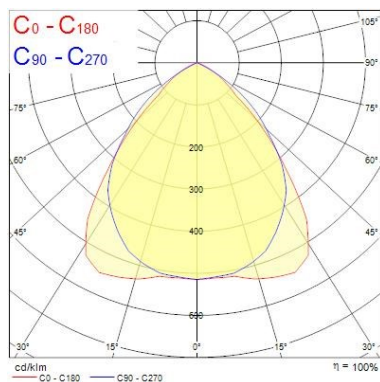
Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	3.3

Packaging

Single packaging type	Carton
Product EAN number	5410288514925
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (outer)	05410288514925
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.96	84.9°	12348
1.0	1.92	84.9°	3087
1.5	2.89	84.9°	1372
2.0	3.85	84.9°	772
2.5	4.81	84.9°	494
3.0	5.77	84.9°	343
0.5	0.91	87.8°	2910
1.0	1.83	87.8°	733
1.5	2.74	87.8°	327
2.0	3.65	87.8°	164
2.5	4.57	87.8°	107
3.0	5.48	87.8°	64

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TECHNICAL DRAWINGS

