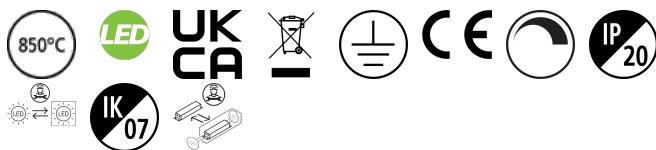


RANA Linear Surface&Suspended - Opal Diffuser
RANA LINEAR S 32 4K OPAL SSC01 W
0051343



Product features

- Surface or Suspended LED Linear luminaire with Opal Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, SylSmart Standalone capable, Electric Class 1, Neutral White LED (4000K), 3270lm, 32W, 102lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/- 5%), UGR<23, L90B10 at 50,000 hours, Glow Wire Test 850°C



PRODUCT OVERVIEW

Product name	RANA LINEAR S 32 4K OPAL SSC01 W
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
General application	Education, Office
Warranty	5 years
Fixture luminous flux (lm)	3270
Luminous flux (lm)	3270
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	32
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288513430

DATA TABLE

General data

Product name	RANA LINEAR S 32 4K OPAL SSC01 W
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RANA Linear Surface&Suspended - Opal Diffuser

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Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3270
Luminous flux (lm)	3270
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Distribution type	Symmetric
Glare control	< 23
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	32
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Inrush Current (A)	20
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	57
Max. Luminaires per 13A C Breaker	71
Max. Luminaires per 10A B Breaker	35
Max. Luminaires per 16A B Breaker	55
Max. Luminaires per 20A B Breaker	68

RANA Linear Surface&Suspended - Opal Diffuser

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Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B20	60000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B20	60000
Lifespan L80 B10	72000
Lifespan L90 B50	72000
Lifespan L90 B20	50000
Lifespan L90 B10	46000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	87
Weight (kg)	2.95

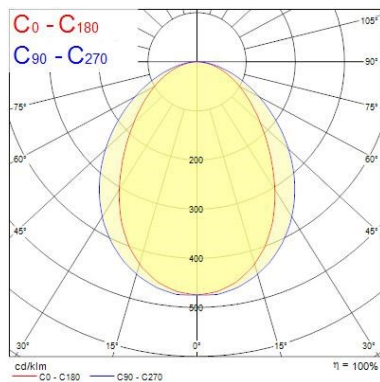
Packaging

Single packaging type	Carton
Product EAN number	5410288513430
Packaging single length / height (cm)	116.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
Units per outer package	1
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	10.0

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]
0.5	1.14 0.80	48.7° 35.8°	6208 384 1483	
1.0	2.28 1.60	48.7° 35.8°	1582 224 371	
1.5	3.41 2.39	48.7° 35.8°	690 99 165	
2.0	4.55 3.19	48.7° 35.8°	388 55 93	
2.5	5.69 3.99	48.7° 35.8°	248 35 59	
3.0	6.83 4.79	48.7° 35.8°	172 25 41	

Distance [m]
Cone diameter [m]
C0 - C180 (Half beam angle: 77.2°)
C90 - C270 (Half beam angle: 97.4°)
Illuminance [lx]

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TECHNICAL DRAWINGS

