

RANA LINEAR S 3KLM NW MPO SSA03 WHITE

Item No: 0045389

SYLVANIA

General data

Product name	RANA LINEAR S 3KLM NW MPO SSA03 WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Built in presence detector	PIR
Fixture rating	Enclosed
General application	Office, Education, Retail
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	18
Inrush Duration (µs)	175
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	35
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	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

Lifespan L70 B50	72000
Lifespan L90 B10	46000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1190
Nominal Product Width (mm)	87
Nominal Product Height (mm)	87
Weight (kg)	2.95

Packaging

Product EAN number	5410288453897
Packaging single length / height (cm)	121.5
Packaging single width (cm)	11.0
Packaging single depth (cm)	12.0
DUN14 (inner)	05410288453897
Units per outer package	1
Packaging outer length / height (cm)	121.5
Packaging outer width (cm)	11.0
Packaging outer depth (cm)	12.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-5-25