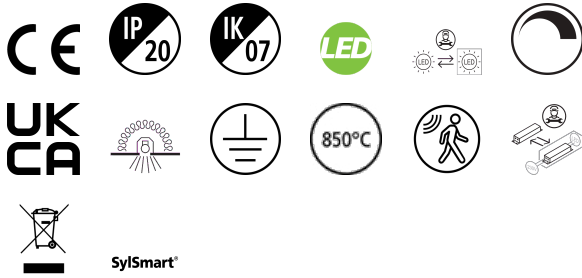


# RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

Item No: 0044928

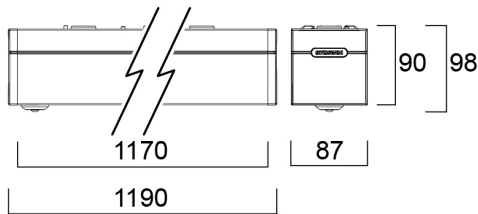
**SYLVANIA**



Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1190mm x 87mm x 87mm, Direct, White Body, SylSmart Connected capable, Electric Class 1, Neutral White LED (4000K), 3100lm, 31W, 100lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<21, L90B10 at 50,000 hours, Glow Wire Test 850°C. Due to DALI + SSA set up the luminaire can control up to 3 normal DALI luminaires.

## Technical Assets

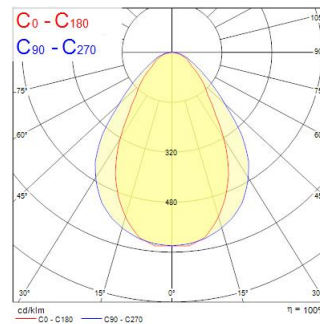
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.90 0.61	0.71	0.50	7600
		E10°	E19°	1500
		E10°	E19°	2400
1.0	1.79 1.23	1.42	1.00	1920
		E10°	E19°	390
		E10°	E19°	600
1.5	2.69 1.84	2.13	1.50	854
		E10°	E19°	170
		E10°	E19°	280
2.0	3.59 2.45	2.84	2.00	640
		E10°	E19°	90
		E10°	E19°	150
2.5	4.49 3.06	3.55	2.50	512
		E10°	E19°	64
		E10°	E19°	98
3.0	5.39 3.68	4.26	3.00	420
		E10°	E19°	44
		E10°	E19°	87

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 60.0°)  
 — C90 - C270 (Half beam angle: 60.0°)



# RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

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**SYLVANIA**

## General data

Product name	RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Built in presence detector	PIR
General application	Education, Office
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	< 21
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	31
Supply current (A)	0.14
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
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)
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 - Max (mm <sup>2</sup> )	2.5

# RANA LINEAR S 3KLM NW MPO DALI SSA02 WHITE

Item No: 0044928

**SYLVANIA**

## Lifetime data

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
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	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1190
Nominal Product Width (mm)	87
Nominal Product Height (mm)	87
Weight (kg)	2.95

## Packaging

Product EAN number	5410288449289
Packaging single length / height (cm)	121.5
Packaging single width (cm)	11.0
Packaging single depth (cm)	12.0
DUN14 (inner)	05410288449289
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