



Features

- Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, Warm White LED (3000K), 3030lm, 31W, 98lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<21, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C

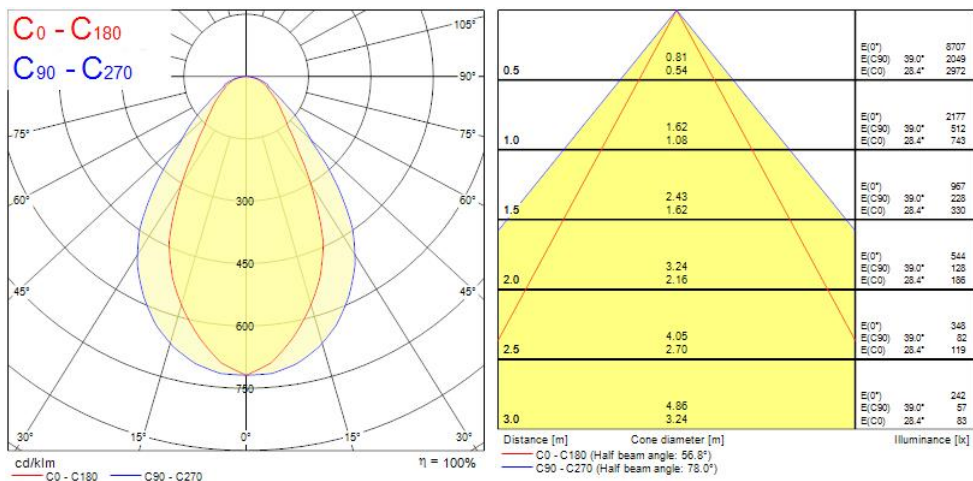
Product Overview

Product name	RANA LINEAR S 3KLM WW MPO
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
General application	Office, Hospitality, Retail, Education
ETIM Class	EC002892
E-number SE	7502667
Fixture luminous flux (lm)	3030
Luminaire efficacy (lm/W)	97.74
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 21
Photobiological Risk Group	RG0
Total power consumption (W)	31

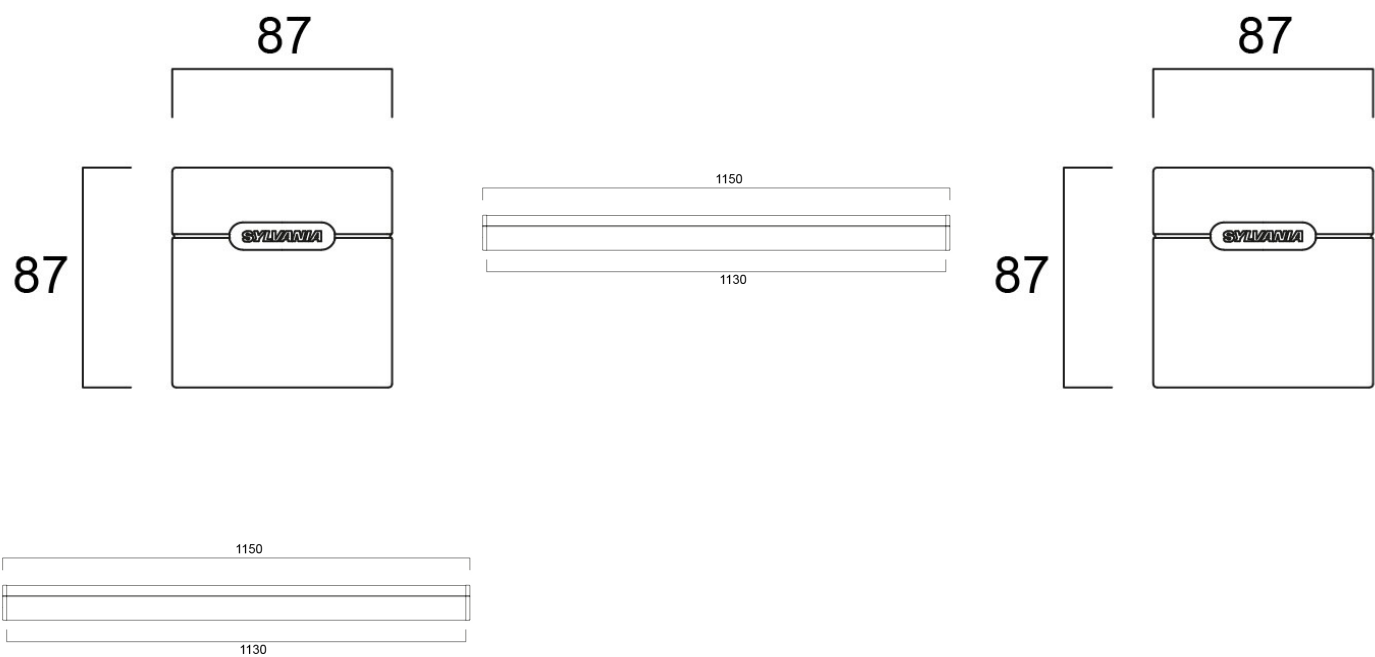
RANA LINEAR S 3KLM WW MPO
0051253

Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512532
Warranty	5 years
Dimming method	N/A

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	RANA LINEAR S 3KLM WW MPO
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
General application	Office, Hospitality, Retail, Education
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25

RANA LINEAR S 3KLM WW MPO 0051253

ETIM Class	EC002892
E-number SE	7502667
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3030
Luminaire efficacy (lm/W)	97.74
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Distribution type	Symmetric
Glare control	< 21
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	31
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	22
Inrush Duration (µs)	250
Glow Wire Test (°C)	850

RANA LINEAR S 3KLM WW MPO 0051253

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	40
Max. Luminaires per 13A C Breaker	51
Max. Luminaires per 16A C Breaker	63
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	15
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	25
Max. Luminaires per 20A B Breaker	48

LIFETIME DATA

Lifespan L70 B50	60000
Lifespan L70 B20	60000
Lifespan L70 B10	60000
Lifespan L80 B50	60000
Lifespan L80 B20	60000
Lifespan L80 B10	60000
Lifespan L90 B50	60000
Lifespan L90 B20	60000
Lifespan L90 B10	60000

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)	1150
Nominal Product Width (mm)	87
Nominal Product Height (mm)	87
Weight (kg)	2.85

PACKAGING

Single packaging type	Carton
Product EAN number	5410288512532
Packaging single length / height (cm)	116.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05410288512532
Units per outer package	1
Packaging outer length / height (cm)	116.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	10.0

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No