

Features

- Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), Warm White LED (3000K), 3200lm, 27W, 119lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C

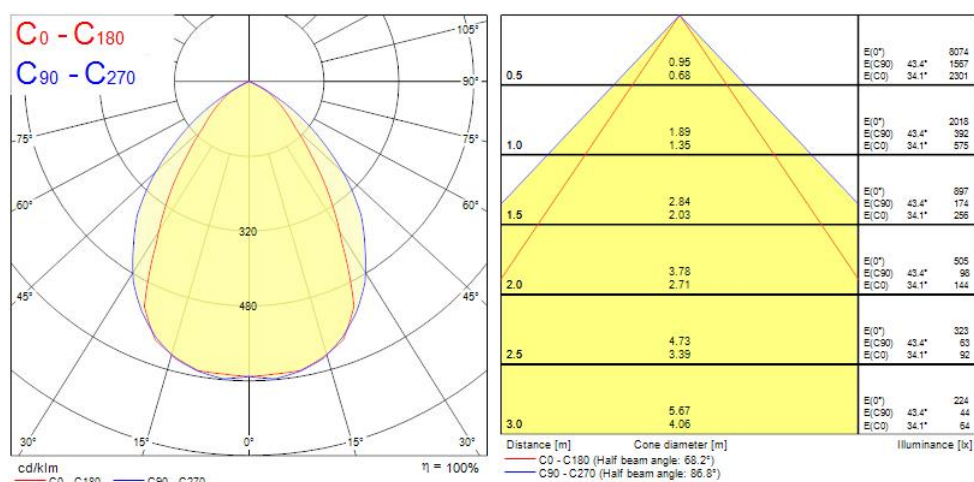
Product Overview

Product name	RANA LINEAR S 3KLM WW LOUV+PRI D
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	7502662
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	118.51
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0

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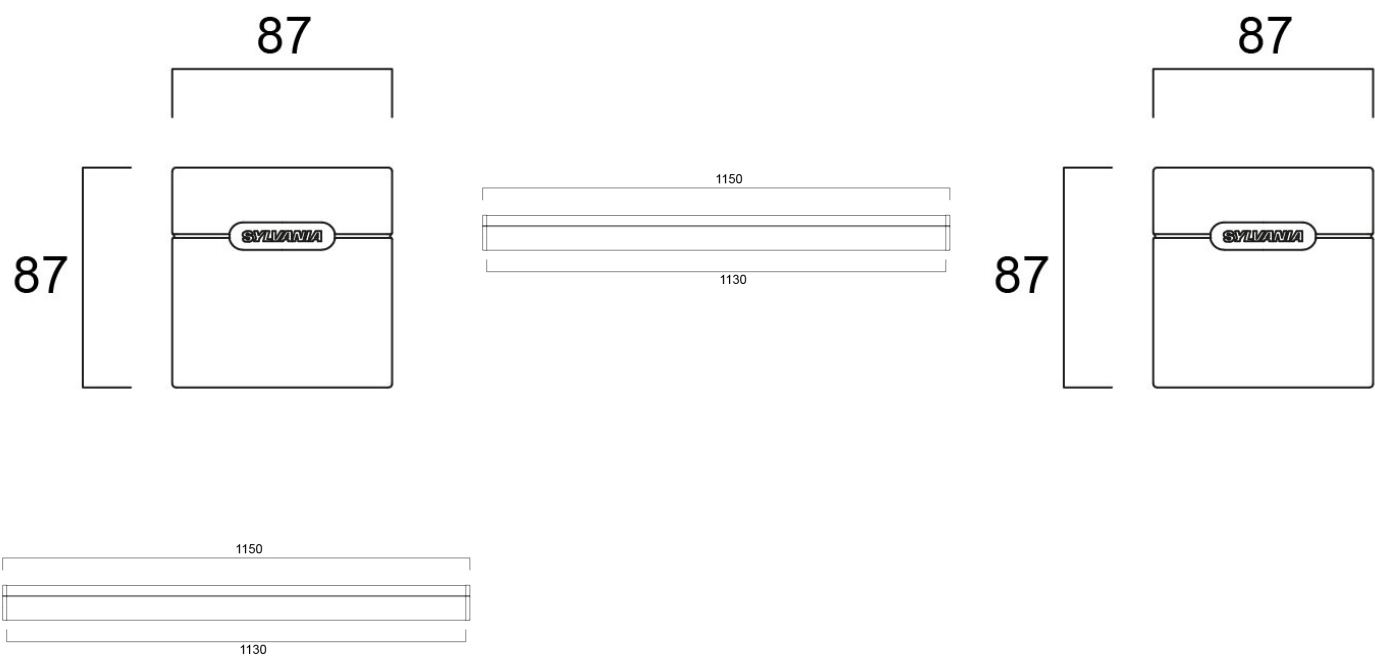
Total power consumption (W)	27
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512662
Warranty	5 years
Dimming method	DALI

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RANA LINEAR S 3KLM WW LOUV+PRI D
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

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ETIM Class	EC002892
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OPTICAL DATA

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	118.51
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	275
Inrush Current (A)	53
Inrush Duration (µs)	300
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	22

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Connectable conductor cross section - Min (mm ²)	2.5
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Connectable conductor cross section - Max (mm ²)	2.5
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LIFETIME DATA

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

Housing colour	RAL9016
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IP rating	IP20
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IK rating	IK07
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Diffuser finish	Prismatic
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Diffuser material	PC Polycarbonate
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Reflector finish	Matt
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Nominal Product Length (mm)	1150
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Nominal Product Width (mm)	87
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Nominal Product Height (mm)	87
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Weight (kg)	2.95
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PACKAGING

Product EAN number	5410288512662
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Packaging single length / height (cm)	116.5
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Packaging single width (cm)	10.5
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Packaging single depth (cm)	10.0
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DUN14 (inner)	05410288512662
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Units per outer package	1
Packaging outer length / height (cm)	116.5
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	10.0

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No