

Features

- Surface or Suspended LED Linear luminaire with Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, DALI Dimmable (Switch-Dim), 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, Electric Class1, Glow Wire Test 850°C

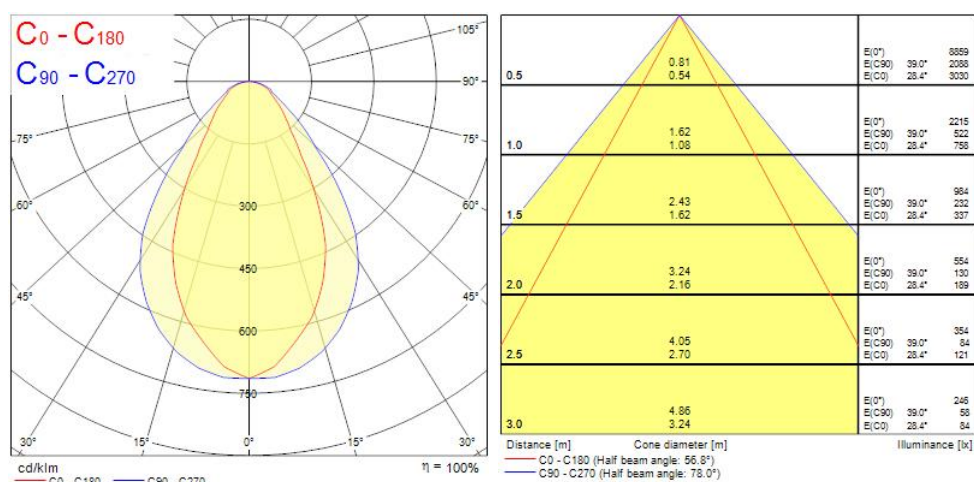
Product Overview

Product name	RANA LINEAR S 3KLM NW MPO 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	7502668
Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	100
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	< 21
Photobiological Risk Group	RG0

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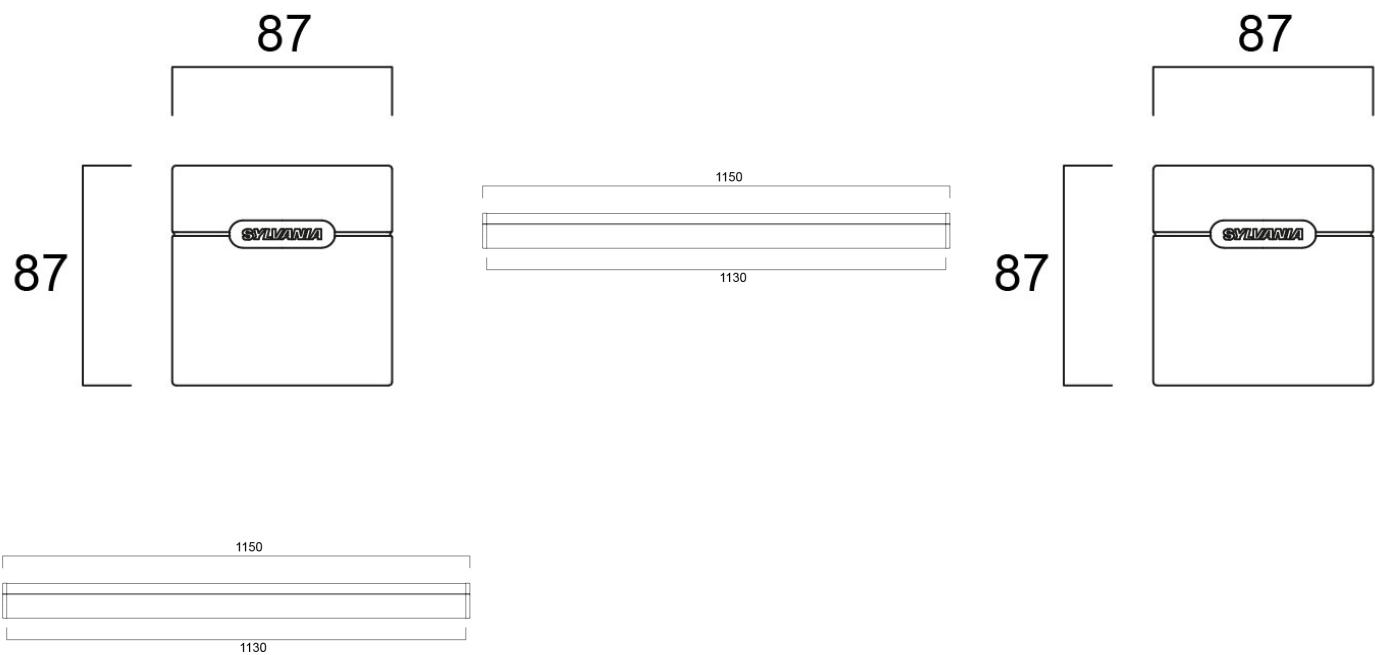
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512518
Warranty	5 years
Dimming method	DALI

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RANA LINEAR S 3KLM NW MPO 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
E-number SE	7502668
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3100
Luminaire efficacy (lm/W)	100
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Glare control	< 21
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	9
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)	300
Inrush Current (A)	53
Inrush Duration (μ s)	300
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz

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Max. products per 16A C Breaker	22
Connectable conductor cross section - Min (mm ²)	2.5
Connectable conductor cross section - Max (mm ²)	2.5

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	RAL9016
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)	2.95

PACKAGING

Product EAN number	5410288512518
Packaging single length / height (cm)	116.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
DUN14 (inner)	05410288512518



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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