



Features

- Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, Emergency 3 hours maintained, Neutral White LED (4000K), 3160lm, 31W, 102lm/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

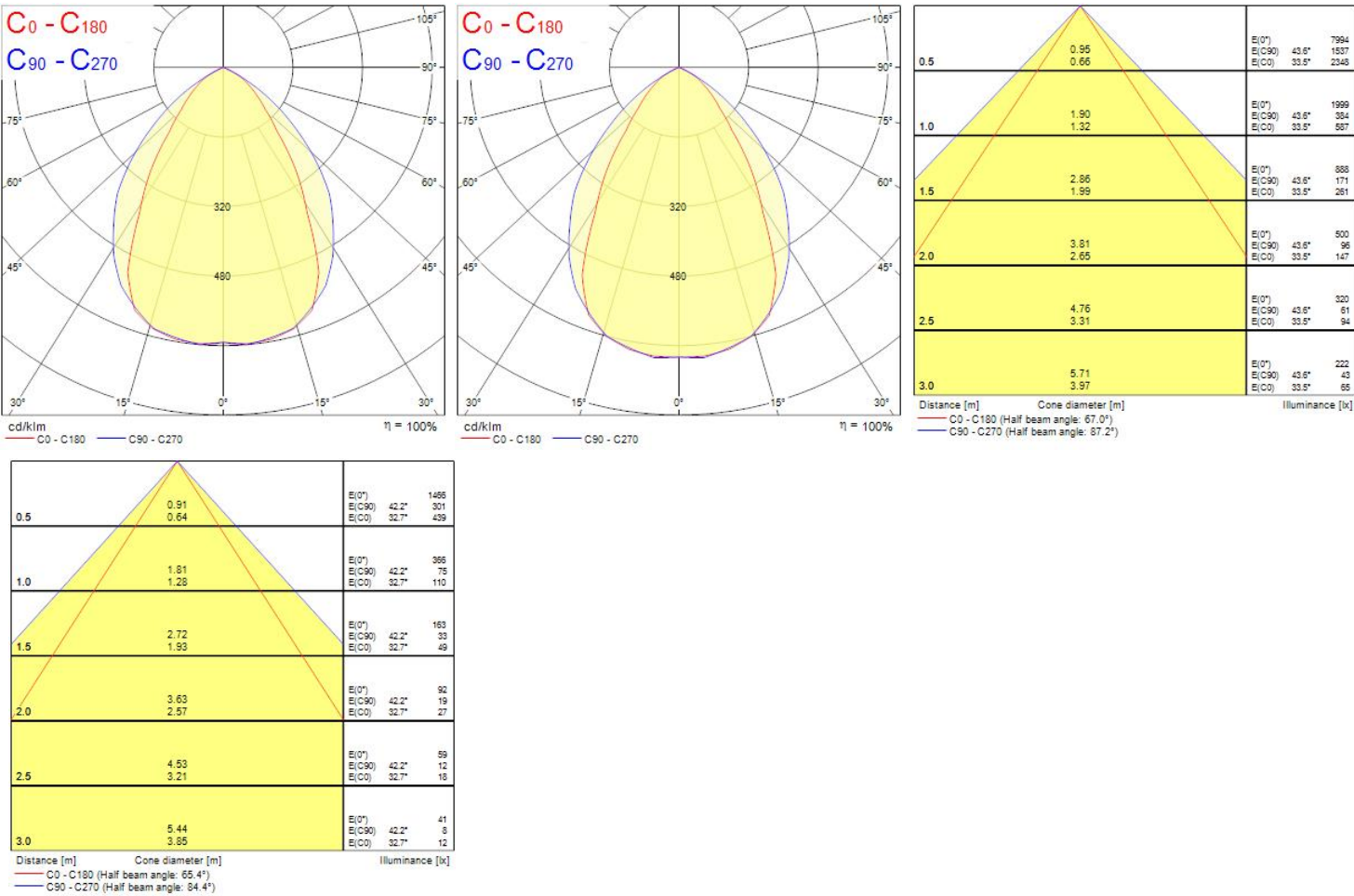
Product Overview

Product name	RANA LINEAR S 3KLM NW LOUV+PRI EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
Fixture luminous flux (lm)	3160
Luminaire efficacy (lm/W)	101.93
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I

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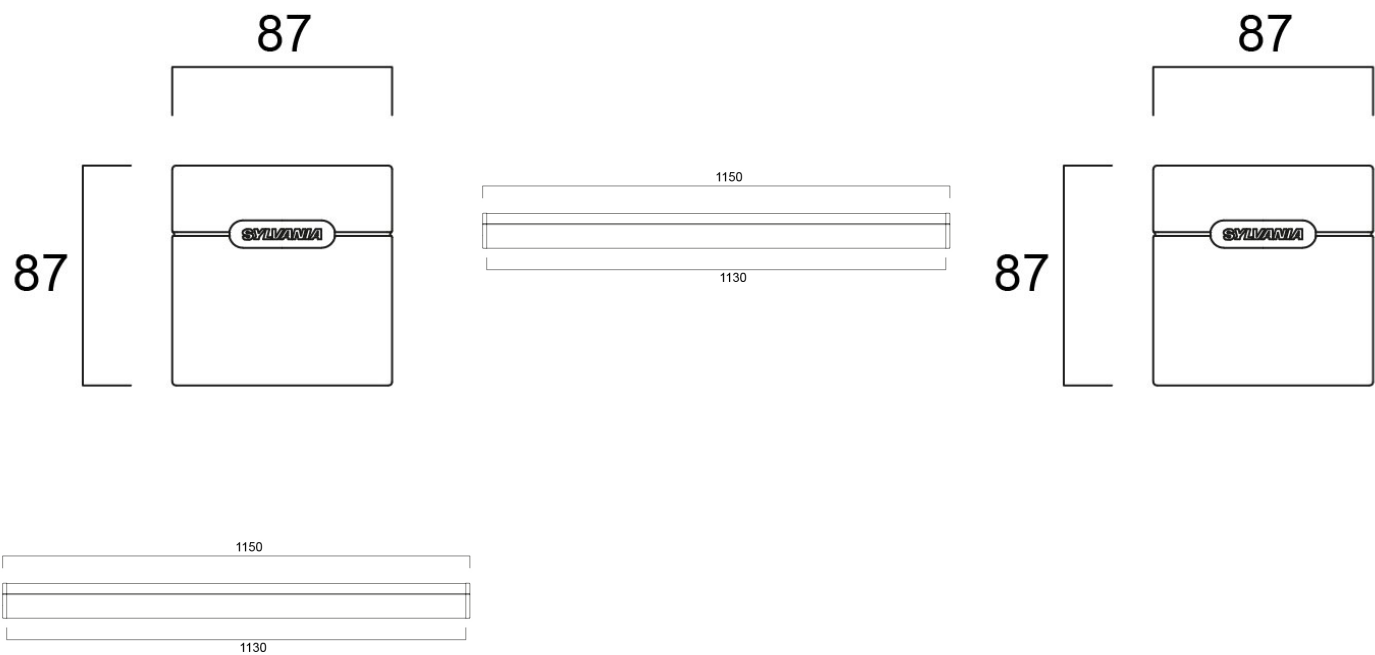
Control gear type	Electronic ballast
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512709
Warranty	5 years

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RANA LINEAR S 3KLM NW LOUV+PRI EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
Environment	Internal
Operating temperature range (°C)	5°C...+30°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

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OPTICAL DATA

Fixture luminous flux (lm)	3160
Luminaire efficacy (lm/W)	101.93
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Glare control	< 19
Photobiological Risk Group	RG0
Emergency duration (h)	3.0

ELECTRICAL DATA

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Drive current (mA)	275
Inrush Current (A)	22
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
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	28
Max. products per 20A B Breaker	34
Connectable conductor cross section - Min (mm²)	2.5

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Connectable conductor cross section - Max (mm²)	2.5
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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
Weight (kg)	3.45

PACKAGING

Single packaging type	Carton
Product EAN number	5410288512709
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05410288512709
Packaging outer length / height (cm)	116.5

SAFETY DATA



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Optimal operating condition (°C)	5-30
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No