



### Features

- Ceiling recessed LED Linear luminaire with Louvre +MicroPrismatic Optic, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, SylSmart Standalone capable, Electric Class 1, Tunable White LED (3000-6000K), 2900lm, 31W, 94lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Glow Wire Test 850°C, Can be covered with building insulation of Glass Wool type.



### Product Overview

Product name	RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	94
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 17
Photobiological Risk Group	RG1
Total power consumption (W)	31
Electrical protection	Class I
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

## RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE 0052485

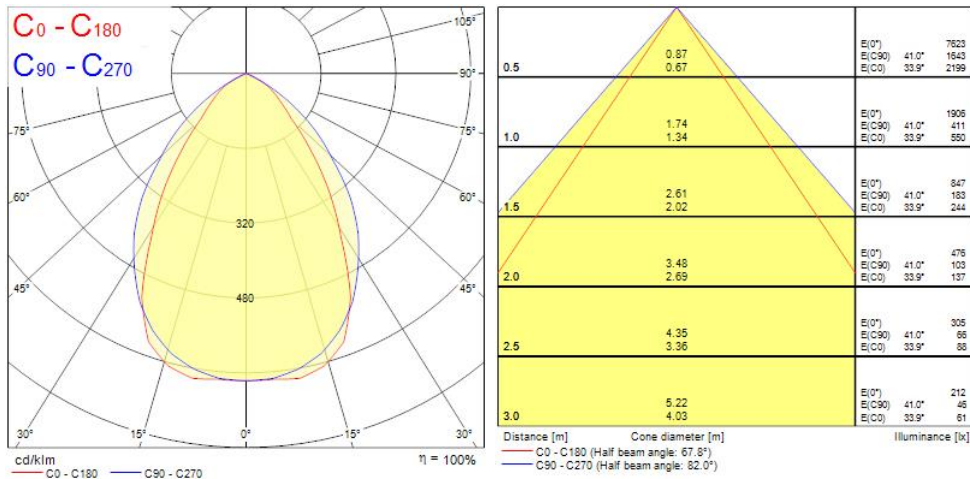
Product EAN number

5410288524856

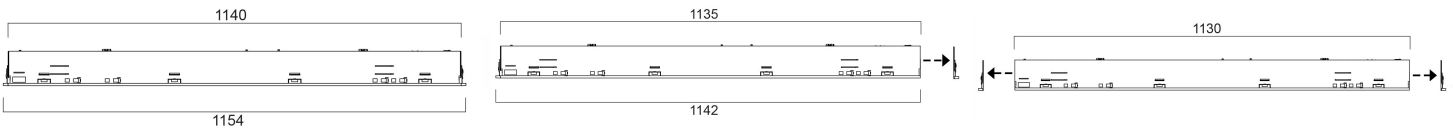
Warranty

5 years

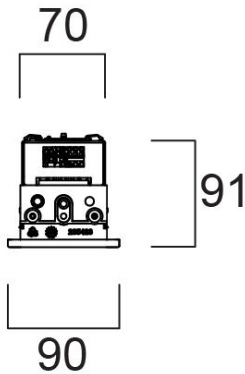
### Photometry



### Technical drawings



## RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE 0052485



### Data table

#### GENERAL DATA

Product name	RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Operating temperature range (°C)	-25°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	94
Correlated colour temperature range (K)	3000 - 6000
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3

## RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE 0052485

Glare control < 17

Photobiological Risk Group RG1

### ELECTRICAL DATA

Total power consumption (W) 31

Primary Supply/Product voltage - min (V) 220

Lamp power factor 0.97

Electrical protection Class I

Control gear required No

Control gear type Electronic ballast

Drive current (mA) 600

Inrush Current (A) 29

Inrush Duration (µs) 180

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 21

Max. products per 20A B Breaker 27

Connectable conductor cross section -  
Max (mm<sup>2</sup>) 2.5

### LIFETIME DATA

Lifespan L70 B50 60000

Lifespan L80 B10 60000

Lifespan L90 B50 45000

Lifespan L90 B20 41000

Lifespan L90 B10 39000

### PHYSICAL DATA

Housing colour RAL 9016 - Traffic white / Bezel

IP rating IP20

IK rating IK07

## RANA LINEAR R 3KLM TW LOUV+PRI SSC01 WHITE 0052485

Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	90
Weight (kg)	3.15

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288524856
Packaging single width (cm)	10.5
Packaging single depth (cm)	11.5
DUN14 (outer)	05410288524856
Packaging outer length / height (cm)	117.0

### SAFETY DATA

Optimal operating condition (°C)	-25-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No