

RANA Linear Recessed - Louvre+Prismatic Optic

RANA LINEAR R 3KLM WW LOUV+PRI D

0052356



Product features

- Ceiling recessed LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1154mm x 90mm x 91mm, 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, Can be covered with building insulation of Glass wool type



PRODUCT OVERVIEW

IPC Code	0052356
Product name	RANA LINEAR R 3KLM WW LOUV+PRI D
Technology	LED
Housing	Steel
Mount	Ceiling recessed
Fixture rating	Enclosed
Environment	Internal
General application	Office,Hospitality,Retail,Education,
Certifications	EUNEW008
ETIM Class	EC002892
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	118.51
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	UGR<19
Photobiological Risk Group	Group 0
Total power consumption (W)	27
Electrical protection	Class I
Control gear type	Electronic
Minimum dimming level (%)	99
Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288523569
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

General data

IPC Code	0052356
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Product name	RANA LINEAR R 3KLM WW LOUV+PRI D
Technology	LED
Housing	Steel
Mount	Ceiling recessed
Fixture rating	Enclosed
Environment	Internal
General application	Office,Hospitality,Retail,Education,
Operating temperature range (°C)	-25 to +40
Certifications	EUNEW008
ETIM Class	EC002892

Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	118.51
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Distribution type	Direct
Glare control	UGR<19
Photobiological Risk Group	Group 0

Electrical data

Total power consumption (W)	27
Mains voltage (V)	220-240V~
Electrical protection	Class I
Control gear type	Electronic
Minimum dimming level (%)	99
Drive current (mA)	275
Inrush Current (A)	53
Inrush Duration (µs)	300
Glow Wire Test (°C)	850
Lamp Energy Label (class)	A++
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	22

Lifetime data

Lumen maintenance - L70 B50	60000
Lumen maintenance - L70 B20	60000
Lumen maintenance - L70 B10	60000
Lumen maintenance - L80 B50	60000
Lumen maintenance - L80 B20	60000
Lumen maintenance - L80 B10	60000
Lumen maintenance - L90 B50	60000
Lumen maintenance - L90 B20	60000
Lumen maintenance - L90 B10	60000

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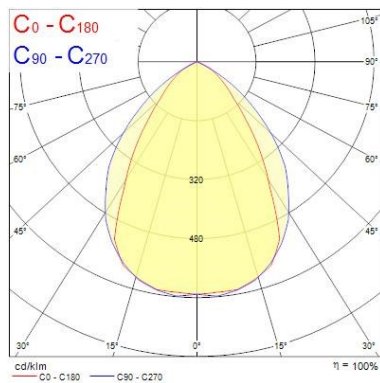
Physical data

Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Louvre + Prismatic Optic
Diffuser material	Polycarbonate
Reflector finish	Satin Aluminium Reflector
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	90
Nominal Product Height (mm)	91
Weight (kg)	3.15
Recessed Depth (mm)	90

Packaging

Single packaging type	Carton
Product EAN number	5410288523569
Packaging single length / height (cm)	117.0
Packaging single width (cm)	10.5
Packaging single depth (cm)	11.5
DUN14 (outer)	5410288523569
Units per outer package	1
Packaging outer length / height (cm)	117.0
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	11.5

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.95 0.68	0.95 0.68	3.12 2.23	8074 1987 2501
1.0	1.89 1.35	1.89 1.35	6.19 4.43	2018 392 575
1.5	2.84 2.03	2.84 2.03	9.34 6.69	897 174 236
2.0	3.78 2.71	3.78 2.71	12.40 8.90	505 98 144
2.5	4.73 3.39	4.73 3.39	15.52 10.79	323 61 92
3.0	5.67 4.06	5.67 4.06	18.60 13.12	224 44 64

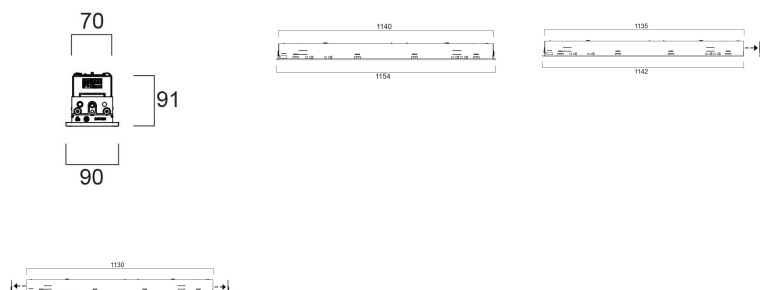
Distance [m] Cone diameter [m] Beam diameter [m] Beam diameter [ft] Illuminance [lx]

— C0 - C180 (Half beam angle: 68.2°) — C90 - C270 (Half beam angle: 66.8°)

TECHNICAL DRAWINGS

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SYLVANIA 0052356



This luminaire is compatible with bulbs of the energy classes:

A++

A+

A

B

C

D

E

LED

This luminaire is sold with a bulb of the energy class:

874/2012


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