

RANA Linear Surface&Suspended - Louvre+Prismatic Optic

RANA LINEAR S 3KLM NW LOUV+PRI 1-10 EM

0051272



Product features

- Surface or Suspended LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1150mm x 87mm x 87mm, Direct, White Body, 1-10V Dimmable, 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 1-10 EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
General application	Office, Hospitality, Retail, Education
Warranty	5 years
Fixture luminous flux (lm)	3160
Luminaire efficacy (lm/W)	101.93
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
Colour Consistency (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	10
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288512723

DATA TABLE

General data

Product name	RANA LINEAR S 3KLM NW LOUV+PRI 1-10 EM
Technology	LED

RANA Linear Surface&Suspended - Louvre+Prismatic Optic

RANA LINEAR S 3KLM NW LOUV+PRI 1-10 EM

0051272

Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
Fixture rating	Enclosed
General application	Office, Hospitality, Retail, Education
Operating temperature range (°C)	5°C...+30°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

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

Electrical data

Total power consumption (W)	31
Mains voltage (V)	220-240V
Electrical protection	Class I
Control gear type	Electronic ballast
Transformer required	Yes
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	10
Inrush Current (A)	10
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz

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
----------------	----------------------------------

RANA Linear Surface&Suspended - Louvre+Prismatic Optic

RANA LINEAR S 3KLM NW LOUV+PRI 1-10 EM

0051272

IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Matt
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	87
Weight (kg)	3.55

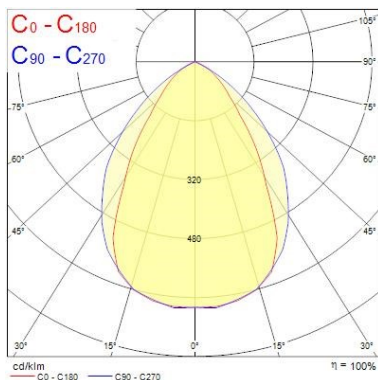
Packaging

Single packaging type	Carton
Product EAN number	5410288512723
Packaging single length / height (cm)	116.5
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
Units per outer package	1
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	10.0

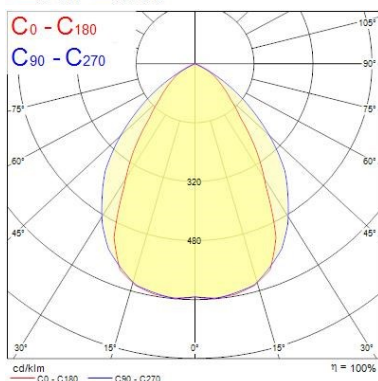
Safety data

Optimal operating condition (°C)	5-30
----------------------------------	------

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.91 0.64	65.4° 64.4°	1488 301 638
1.0	1.81 1.28	65.4° 64.4°	368 75 110
1.5	2.72 1.93	65.4° 64.4°	163 33 49
2.0	3.63 2.57	65.4° 64.4°	92 19 27
2.5	4.53 3.21	65.4° 64.4°	59 12 18
3.0	5.44 3.85	65.4° 64.4°	41 9 12



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.95 0.66	67.0° 67.2°	7994 1587 2348
1.0	1.90 1.32	67.0° 67.2°	1999 394 587
1.5	2.85 1.99	67.0° 67.2°	866 171 251
2.0	3.81 2.65	67.0° 67.2°	500 96 147
2.5	4.76 3.31	67.0° 67.2°	320 61 94
3.0	5.71 3.97	67.0° 67.2°	222 43 65

RANA Linear Surface&Suspended - Louvre+Prismatic Optic
RANA LINEAR S 3KLM NW LOUV+PRI 1-10 EM
0051272

TECHNICAL DRAWINGS

