

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



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
Environment	Internal
Warranty	5 years
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
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Electronic ballast
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
Cap/Base	N/A
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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

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
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
Electrical protection	Class I
Control gear type	Electronic ballast
Drive current (mA)	275
Inrush Current (A)	10
Inrush Duration (µs)	100
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	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

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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)	3.55

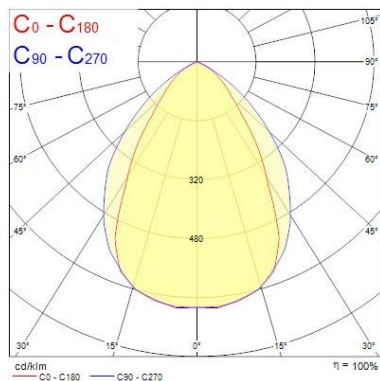
Packaging

Single packaging type	Carton
Product EAN number	5410288512723
Packaging single width (cm)	10.5
Packaging single depth (cm)	10.0
DUN14 (outer)	05410288512723
Packaging outer length / height (cm)	116.5

Safety data

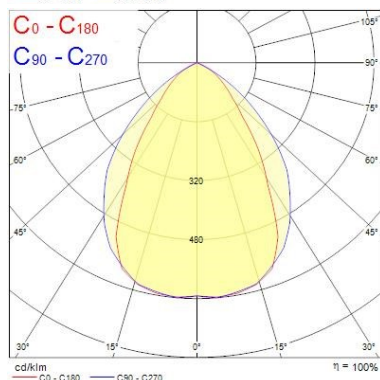
Optimal operating condition (°C)	5-30
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	0.91 0.64	42.2°	301	439	1686
1.0	1.81 1.28	42.2°	76	110	396
1.5	2.72 1.93	42.2°	33	49	163
2.0	3.63 2.57	42.2°	19	27	92
2.5	4.53 3.21	42.2°	12	18	59
3.0	5.44 3.85	42.2°	8	12	41

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 65.4°)
C90 - C270 (Half beam angle: 94.4°)



Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	0.95 0.66	43.8°	153	234	799
1.0	1.90 1.32	43.8°	38	58	199
1.5	2.85 1.99	43.8°	17	28	88
2.0	3.81 2.65	43.8°	9	14	50
2.5	4.76 3.31	43.8°	6	9	32
3.0	5.71 3.97	43.8°	4	6	22

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 67.0°)
C90 - C270 (Half beam angle: 97.2°)

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TECHNICAL DRAWINGS

