



Features

- Ceiling recessed LED Linear luminaire with Opal diffuser, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, DALI Dimmable (Switch-Dim), Neutral White LED (4000K), 3270lm, 31W, 105lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<23, L90B10 at 50,000 hours, Electric Class1, Glow Wire Test 850°C, Can be covered with building insulation of Glass wool type

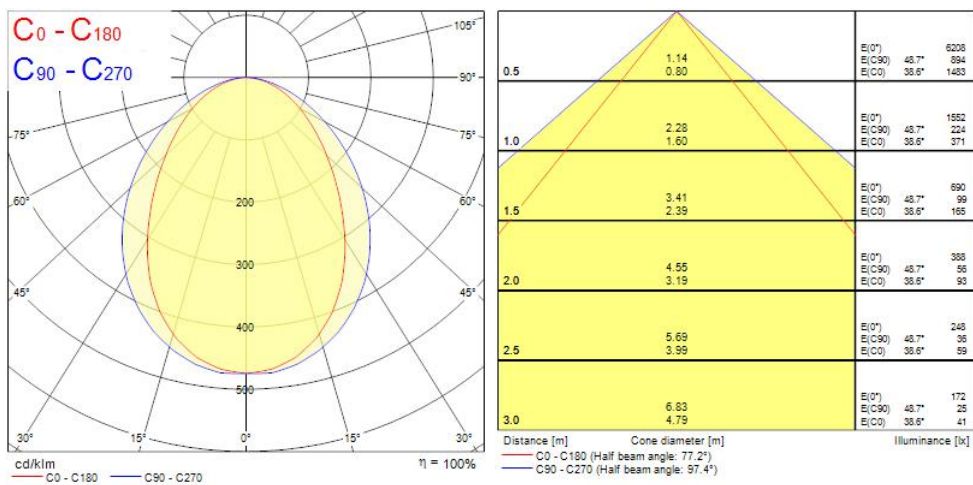
Product Overview

Product name	RANA LINEAR R 3KLM NW OPAL D
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Environment	Internal
Fixture luminous flux (lm)	3270
Luminaire efficacy (lm/W)	105.48
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Electronic ballast

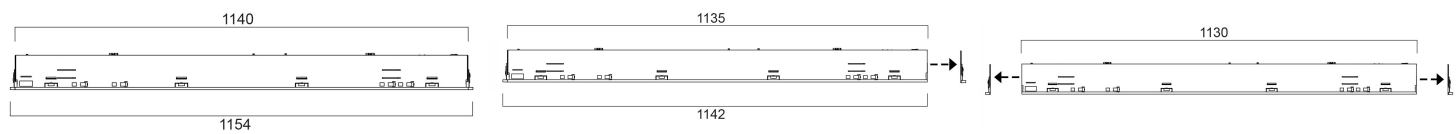
RANA LINEAR R 3KLM NW OPAL D
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Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288523651
Warranty	5 years

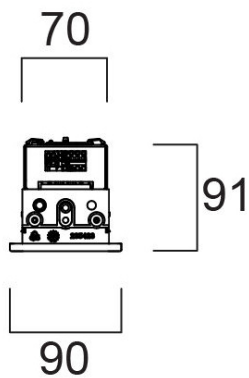
Photometry



Technical drawings



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Data table

GENERAL DATA

Product name	RANA LINEAR R 3KLM NW OPAL D
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Environment	Internal
Operating temperature range (°C)	-25°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3270
Luminaire efficacy (lm/W)	105.48
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

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Colour Consistency (SDCM)	3
Glare control	< 23
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Drive current (mA)	300
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
Max. products per 10A C Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	72000
Lifespan L70 B10	72000
Lifespan L80 B50	72000
Lifespan L80 B10	72000
Lifespan L90 B50	72000
Lifespan L90 B20	50000
Lifespan L90 B10	46000



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PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	90
Weight (kg)	3.15
Recessed Depth (mm)	90

PACKAGING

Single packaging type	Carton
Product EAN number	5410288523651
Packaging single width (cm)	10.52
Packaging single depth (cm)	11.51
DUN14 (outer)	5410288523651
Packaging outer length / height (cm)	117.09

SAFETY DATA

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