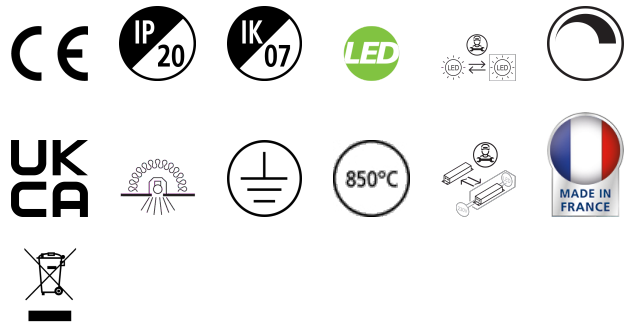


RANA LINEAR R 3KLM NW OPAL 1-10

Item No: 0052366



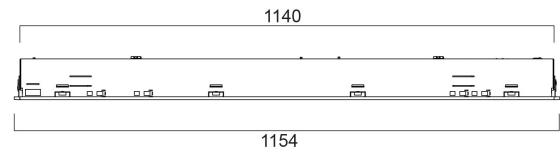
PRO



Ceiling recessed LED Linear luminaire with Opal diffuser, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, 1-10V Dimmable, 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

Technical Assets

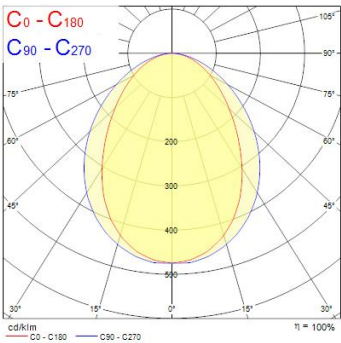
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Footcandle
0.5	1.14 0.80	48.7°	894	1483	6228
1.0	2.28 1.60	48.7°	224	371	1552
1.5	3.41 2.39	48.7°	99	165	690
2.0	4.55 3.19	48.7°	56	93	385
2.5	5.69 3.99	48.7°	36	58	248
3.0	6.83 4.79	48.7°	28	41	172

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 77.2°)
C90 - C270 (Half beam angle: 97.4°)



RANA LINEAR R 3KLM NW OPAL 1-10

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General data

Product name	RANA LINEAR R 3KLM NW OPAL 1-10
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Environment	Internal
General application	Office, Hospitality, Retail, Education
Operating temperature range (°C)	-25°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	3270
Fixture luminous flux (lm)	3270
Luminaire efficacy (lm/W)	105.48
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Glare control	< 23
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	1-10V (Analogue)
Minimum dimming level (%)	10
Drive current (mA)	305
Inrush Current (A)	45
Inrush Duration (µs)	100
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 16A C Breaker	51
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

RANA LINEAR R 3KLM NW OPAL 1-10

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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
Nominal Product Height (mm)	91
Weight (kg)	3.15
Recessed Depth (mm)	90

Packaging

Product EAN number	5410288523668
Packaging single length / height (cm)	117.0
Packaging single width (cm)	10.5
Packaging single depth (cm)	11.5
DUN14 (inner)	5410288523668
Units per outer package	1
Packaging outer length / height (cm)	117.0
Packaging outer width (cm)	10.5
Packaging outer depth (cm)	11.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-25-40