

RANA LINEAR R 3KLM WW LOUV+PRI 1-10

Item No: 0052357



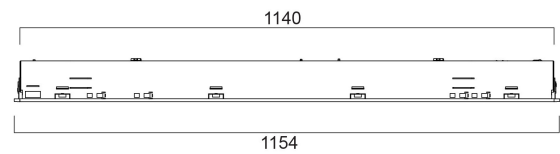
PRO



Ceiling recessed LED Linear luminaire with Louvre + Micro Prismatic Optic, Dimensions: 1154mm x 90mm x 91mm, Direct, White Body, 1-10V Dimmable, 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

Technical Assets

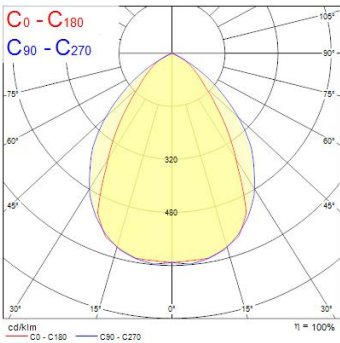
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E (lm)	E (cd)	E (lm)	E (cd)
0.5	0.95 0.68	5074 1987	43.4° 34.1°	5074 1987	43.4° 34.1°
1.0	1.99 1.36	2015 795	43.4° 34.1°	2015 795	43.4° 34.1°
1.5	2.94 2.03	897 346	43.4° 34.1°	897 346	43.4° 34.1°
2.0	3.75 2.71	505 198	43.4° 34.1°	505 198	43.4° 34.1°
2.5	4.73 3.39	323 124	43.4° 34.1°	323 124	43.4° 34.1°
3.0	5.67 4.06	224 84	43.4° 34.1°	224 84	43.4° 34.1°

Distance [m] Cone diameter [m]
— C0 - C180 (Half beam angle: 68.2°)
— C90 - C270 (Half beam angle: 68.2°)



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General data

Product name	RANA LINEAR R 3KLM WW LOUV+PRI 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)	3200
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	118.51
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	27
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)	275
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

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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
Reflector finish	Matt
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	5410288523576
Packaging single length / height (cm)	117.0
Packaging single width (cm)	10.5
Packaging single depth (cm)	11.5
DUN14 (inner)	5410288523576
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