

RANA LINEAR R 3KLM WW LOUV+PRI

Item No: 0052355

SYLVANIA

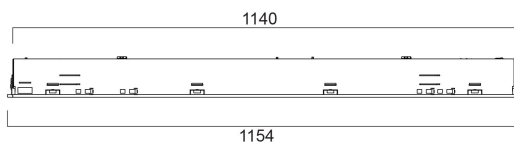
PROTM



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

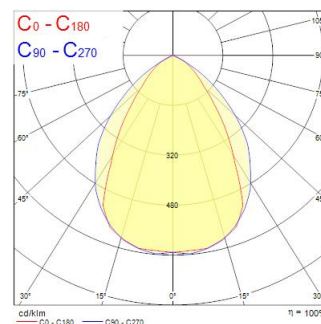
Technical Assets

Dimensions (mm)



Photometrics

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Illuminance (lx)
0.5	0.95 0.65	50° 34°	0.95 0.65	8074 1987 3251
1.0	1.89 1.30	50° 34°	1.89 1.30	2019 392 651
1.5	2.84 2.03	50° 34°	2.84 2.03	897 176 268
2.0	3.78 2.71	50° 34°	3.78 2.71	505 104 161
2.5	4.73 3.39	50° 34°	4.73 3.39	323 66 101
3.0	5.67 4.06	50° 34°	5.67 4.06	224 44 84



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General data

Product name	RANA LINEAR R 3KLM WW LOUV+PRI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
Fixture rating	Enclosed
Environment	Internal
General application	Office, Education, Retail
Operating temperature range (°C)	-25°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	119
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	27
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	275
Inrush Current (A)	22
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	63
Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	15
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	25
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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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
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1150
Nominal Product Width (mm)	90
Nominal Product Height (mm)	91
Weight (kg)	3.05
Recessed Depth (mm)	90

Packaging

Product EAN number	5410288523552
Packaging single length / height (cm)	117.0
Packaging single width (cm)	10.5
Packaging single depth (cm)	11.5
DUN14 (inner)	5410288523552
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