

RANA LINEAR R 33 WW OPAL DALI SSA03 WHITE

Item No: 0045378

SYLVANIA

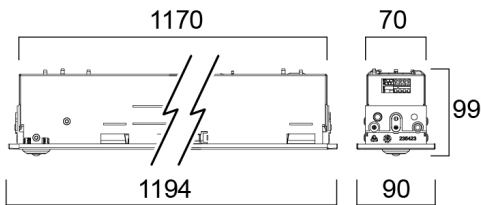
PROTM



Ceiling recessed LED Linear luminaire with Opal diffuser, Dimensions: 1194mm x 90mm x 91mm, Direct, White Body, SylSmart Connected capable, Electric Class 1, Warm White LED (3000K), 3150lm, 32W, 98lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<23, L90B10 at 50,000 hours, Glow Wire Test 850°C, Can be covered with building insulation of Glass Wool type. Due to DALI + SSA set up the luminaire can control up to 3 normal DALI luminaires.

Technical Assets

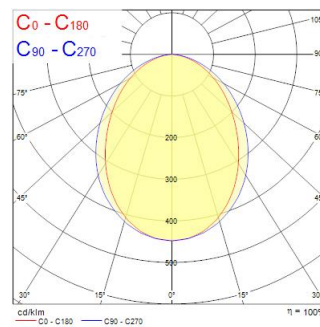
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.13	0.90	1.13	3.71	9542
1.0	2.25	1.80	2.25	7.41	2381
1.5	3.38	2.70	3.38	11.07	987
2.0	4.51	3.60	4.51	14.78	467
2.5	5.63	4.50	5.63	18.48	292
3.0	6.76	5.40	6.76	22.18	191

Distance [m] Cone diameter [m]
C0 - C180 (half beam angle: 90.0°)
C90 - C270 (half beam angle: 90.0°)



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General data

Product name	RANA LINEAR R 33 WW OPAL DALI SSA03 WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	PIR
General application	Office, Education, Retail
Operating temperature range (°C)	-5°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3150
Luminaire efficacy (lm/W)	98
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	32
Supply current (A)	0.145
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 %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	18
Inrush Duration (µs)	175
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	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	35
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	21
Max. products per 20A B Breaker	27
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	72000
Lifespan L90 B10	46000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1194
Nominal Product Width (mm)	90
Nominal Product Height (mm)	91
Weight (kg)	3.15

Packaging

Product EAN number	5410288453781
Packaging single length / height (cm)	121.5
Packaging single width (cm)	11.0
Packaging single depth (cm)	12.0
DUN14 (inner)	05410288453781
Units per outer package	1
Packaging outer length / height (cm)	121.5
Packaging outer width (cm)	11.0
Packaging outer depth (cm)	12.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-5-25