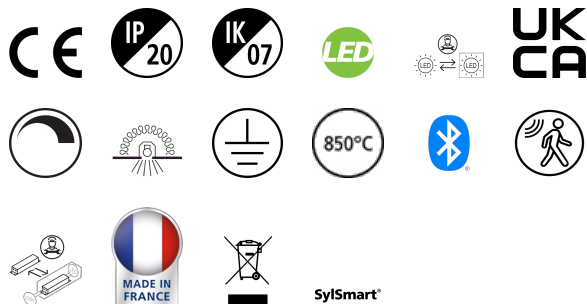


RANA LINEAR R 3KLM WW LOUV+PRI SSA03 WHITE

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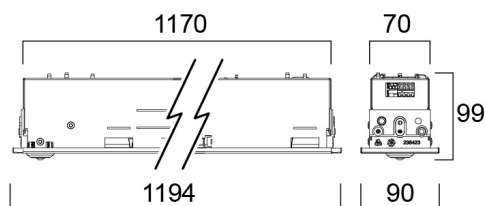
PROTM



Ceiling recessed LED Linear luminaire with Louvre+MicroPrismatic Optic, Dimensions: 1194mm x 90mm x 91mm, Direct, White Body, SylSmart Connected capable, Electric Class 1, Warm White LED (3000K), 2900lm, 28W, 103lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse), Low LED Flicker (+/-5%), UGR<19, L90B10 at 50,000 hours, Glow Wire Test 850°C, Can be covered with building insulation of Glass Wool type.

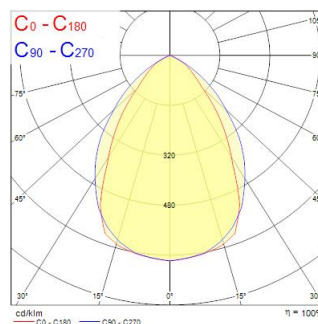
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.87	60°	0.87	7037
1.0	1.73	60°	1.73	1909
1.5	2.60	60°	2.60	849
2.0	3.46	60°	3.46	477
2.5	4.33	60°	4.33	306
3.0	5.20	60°	5.20	212
4.0	6.93	60°	6.93	158
5.0	8.66	60°	8.66	123
6.0	10.39	60°	10.39	104
7.0	12.12	60°	12.12	91
8.0	13.85	60°	13.85	81
9.0	15.58	60°	15.58	74
10.0	17.31	60°	17.31	68
11.0	19.04	60°	19.04	63
12.0	20.77	60°	20.77	59
13.0	22.50	60°	22.50	56
14.0	24.23	60°	24.23	53
15.0	25.96	60°	25.96	51
16.0	27.69	60°	27.69	48
17.0	29.42	60°	29.42	46
18.0	31.15	60°	31.15	44
19.0	32.88	60°	32.88	42
20.0	34.61	60°	34.61	40
21.0	36.34	60°	36.34	39
22.0	38.07	60°	38.07	37
23.0	39.80	60°	39.80	36
24.0	41.53	60°	41.53	34
25.0	43.26	60°	43.26	33
26.0	44.99	60°	44.99	32
27.0	46.72	60°	46.72	31
28.0	48.45	60°	48.45	30
29.0	50.18	60°	50.18	29
30.0	51.91	60°	51.91	28
31.0	53.64	60°	53.64	27
32.0	55.37	60°	55.37	26
33.0	57.10	60°	57.10	25
34.0	58.83	60°	58.83	24
35.0	60.56	60°	60.56	23
36.0	62.29	60°	62.29	22
37.0	64.02	60°	64.02	21
38.0	65.75	60°	65.75	20
39.0	67.48	60°	67.48	19
40.0	69.21	60°	69.21	18
41.0	70.94	60°	70.94	18
42.0	72.67	60°	72.67	17
43.0	74.40	60°	74.40	16
44.0	76.13	60°	76.13	16
45.0	77.86	60°	77.86	15
46.0	79.59	60°	79.59	15
47.0	81.32	60°	81.32	14
48.0	83.05	60°	83.05	14
49.0	84.78	60°	84.78	13
50.0	86.51	60°	86.51	13
51.0	88.24	60°	88.24	12
52.0	89.97	60°	89.97	12
53.0	91.70	60°	91.70	12
54.0	93.43	60°	93.43	11
55.0	95.16	60°	95.16	11
56.0	96.89	60°	96.89	11
57.0	98.62	60°	98.62	10
58.0	100.35	60°	100.35	10
59.0	102.08	60°	102.08	10
60.0	103.81	60°	103.81	9
61.0	105.54	60°	105.54	9
62.0	107.27	60°	107.27	9
63.0	109.00	60°	109.00	8
64.0	110.73	60°	110.73	8
65.0	112.46	60°	112.46	8
66.0	114.19	60°	114.19	8
67.0	115.92	60°	115.92	7
68.0	117.65	60°	117.65	7
69.0	119.38	60°	119.38	7
70.0	121.11	60°	121.11	7
71.0	122.84	60°	122.84	6
72.0	124.57	60°	124.57	6
73.0	126.30	60°	126.30	6
74.0	128.03	60°	128.03	6
75.0	129.76	60°	129.76	5
76.0	131.49	60°	131.49	5
77.0	133.22	60°	133.22	5
78.0	134.95	60°	134.95	5
79.0	136.68	60°	136.68	4
80.0	138.41	60°	138.41	4
81.0	140.14	60°	140.14	4
82.0	141.87	60°	141.87	4
83.0	143.60	60°	143.60	4
84.0	145.33	60°	145.33	3
85.0	147.06	60°	147.06	3
86.0	148.79	60°	148.79	3
87.0	150.52	60°	150.52	3
88.0	152.25	60°	152.25	3
89.0	153.98	60°	153.98	2
90.0	155.71	60°	155.71	2
91.0	157.44	60°	157.44	2
92.0	159.17	60°	159.17	2
93.0	160.90	60°	160.90	2
94.0	162.63	60°	162.63	2
95.0	164.36	60°	164.36	1
96.0	166.09	60°	166.09	1
97.0	167.82	60°	167.82	1
98.0	169.55	60°	169.55	1
99.0	171.28	60°	171.28	1
100.0	173.01	60°	173.01	1



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Données générales

Nom du produit	RANA LINEAR R 3KLM WW LOUV+PRI SSA03 WHITE
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling recessed mounting
Built in presence detector	PIR
Fixture rating	Enclosed
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 ans

Données optiques

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	103
Température de couleur (K)	3000
Couleur de lumière	Warm White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Caractéristiques électriques

Emergency type	
Consommation électrique totale (W)	28
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
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	270
Courant d'appel (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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Durée de vie

Lifespan L70 B50	72000
Lifespan L90 B10	46000

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Finition réflecteur	Not Applicable
Longueur (mm)	1194
Largeur (mm)	90
Nominal Product Height (mm)	91
Poids (kg)	3.15

Emballage

Product EAN number	5410288453712
Longueur simple de l'emballage (cm)	121.5
Largeur simple de l'emballage (cm)	11.0
Packaging single depth (cm)	12.0
DUN14 (inner)	05410288453712
Units per outer package	1
Packaging outer length / height (cm)	121.5
Packaging outer width (cm)	11.0
Packaging outer depth (cm)	12.0

Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	-5-25