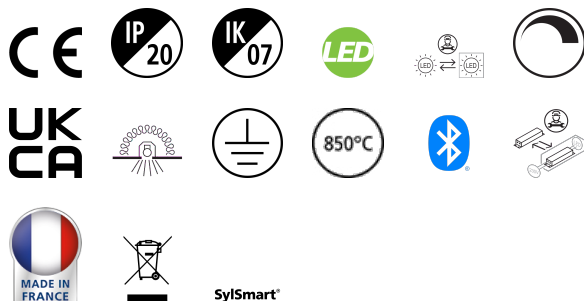


RANA NEO 3700LM REC 1250x310 840 SSC 1L WHITE

Item No: 0052608

SYLVANIA

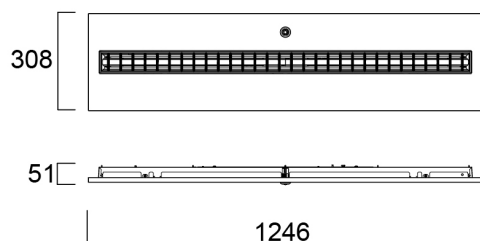
PROTM



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 1246x308x52mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone capable, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3761lm, 31W, 121lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Glow Wire Test 850°C, Quick and easy electrical connection with direct access to push-connectors on top, 2 x metallic safety cables (1.5m) included, the luminaire 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]	Beam diameter [ft]	Beam diameter [in]	Beam diameter [mm]
0.5	0.91 0.69	60° 80°	0.91 0.69	3.0 2.3	3.0 2.3	300 225
1.0	1.83 1.38	60° 80°	1.83 1.38	6.0 4.6	6.0 4.6	600 450
1.5	2.74 2.07	60° 80°	2.74 2.07	9.0 6.9	9.0 6.9	900 675
2.0	3.65 2.76	60° 80°	3.65 2.76	12.0 9.2	12.0 9.2	1200 900
2.5	4.57 3.45	60° 80°	4.57 3.45	15.0 11.3	15.0 11.3	1500 1125
3.0	5.48 4.14	60° 80°	5.48 4.14	18.0 14.0	18.0 14.0	1800 1350
— CO-C180 (half beam angle: 69.2°) — CO-C170 (half beam angle: 64.8°)						
Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.91 0.69	60° 80°	0.91 0.69	3.0 2.3	3.0 2.3	9876 1975
1.0	1.83 1.38	60° 80°	1.83 1.38	6.0 4.6	6.0 4.6	2368 594
1.5	2.74 2.07	60° 80°	2.74 2.07	9.0 6.9	9.0 6.9	1581 262
2.0	3.65 2.76	60° 80°	3.65 2.76	12.0 9.2	12.0 9.2	988 151
2.5	4.57 3.45	60° 80°	4.57 3.45	15.0 11.3	15.0 11.3	586 91
3.0	5.48 4.14	60° 80°	5.48 4.14	18.0 14.0	18.0 14.0	354 57
3.5	6.39 4.91	60° 80°	6.39 4.91	21.0 16.1	21.0 16.1	250 40
4.0	7.30 5.72	60° 80°	7.30 5.72	24.0 18.6	24.0 18.6	177 32
4.5	8.21 6.53	60° 80°	8.21 6.53	27.0 21.1	27.0 21.1	128 26
5.0	9.12 7.34	60° 80°	9.12 7.34	30.0 23.6	30.0 23.6	90 21
5.5	10.03 8.15	60° 80°	10.03 8.15	33.0 26.1	33.0 26.1	65 18
6.0	10.94 8.96	60° 80°	10.94 8.96	36.0 28.6	36.0 28.6	48 15
6.5	11.85 9.77	60° 80°	11.85 9.77	39.0 31.1	39.0 31.1	36 12
7.0	12.76 10.58	60° 80°	12.76 10.58	42.0 33.6	42.0 33.6	27 10
7.5	13.67 11.39	60° 80°	13.67 11.39	45.0 36.1	45.0 36.1	20 8
8.0	14.58 12.20	60° 80°	14.58 12.20	48.0 38.6	48.0 38.6	15 7
8.5	15.49 13.01	60° 80°	15.49 13.01	51.0 41.1	51.0 41.1	11 6
9.0	16.40 13.82	60° 80°	16.40 13.82	54.0 43.6	54.0 43.6	8 5
9.5	17.31 14.63	60° 80°	17.31 14.63	57.0 46.1	57.0 46.1	6 4
10.0	18.22 15.44	60° 80°	18.22 15.44	60.0 48.6	60.0 48.6	5 3
10.5	19.13 16.25	60° 80°	19.13 16.25	63.0 51.1	63.0 51.1	4 3
11.0	20.04 17.06	60° 80°	20.04 17.06	66.0 53.6	66.0 53.6	3 2
11.5	20.95 17.87	60° 80°	20.95 17.87	69.0 56.1	69.0 56.1	3 2
12.0	21.86 18.68	60° 80°	21.86 18.68	72.0 58.6	72.0 58.6	2 2
12.5	22.77 19.49	60° 80°	22.77 19.49	75.0 61.1	75.0 61.1	2 1
13.0	23.68 20.30	60° 80°	23.68 20.30	78.0 63.6	78.0 63.6	2 1
13.5	24.59 21.11	60° 80°	24.59 21.11	81.0 66.1	81.0 66.1	1 1
14.0	25.50 21.92	60° 80°	25.50 21.92	84.0 68.6	84.0 68.6	1 1
14.5	26.41 22.73	60° 80°	26.41 22.73	87.0 71.1	87.0 71.1	1 1
15.0	27.32 23.54	60° 80°	27.32 23.54	90.0 73.6	90.0 73.6	1 1
15.5	28.23 24.35	60° 80°	28.23 24.35	93.0 76.1	93.0 76.1	1 1
16.0	29.14 25.16	60° 80°	29.14 25.16	96.0 78.6	96.0 78.6	1 1
16.5	30.05 25.97	60° 80°	30.05 25.97	99.0 81.1	99.0 81.1	1 1
17.0	30.96 26.78	60° 80°	30.96 26.78	102.0 83.6	102.0 83.6	1 1
17.5	31.87 27.59	60° 80°	31.87 27.59	105.0 86.1	105.0 86.1	1 1
18.0	32.78 28.40	60° 80°	32.78 28.40	108.0 88.6	108.0 88.6	1 1
18.5	33.69 29.21	60° 80°	33.69 29.21	111.0 91.1	111.0 91.1	1 1
19.0	34.60 30.02	60° 80°	34.60 30.02	114.0 93.6	114.0 93.6	1 1
19.5	35.51 30.83	60° 80°	35.51 30.83	117.0 96.1	117.0 96.1	1 1
20.0	36.42 31.64	60° 80°	36.42 31.64	120.0 98.6	120.0 98.6	1 1
20.5	37.33 32.45	60° 80°	37.33 32.45	123.0 101.1	123.0 101.1	1 1
21.0	38.24 33.26	60° 80°	38.24 33.26	126.0 103.6	126.0 103.6	1 1
21.5	39.15 34.07	60° 80°	39.15 34.07	129.0 106.1	129.0 106.1	1 1
22.0	40.06 34.88	60° 80°	40.06 34.88	132.0 108.6	132.0 108.6	1 1
22.5	40.97 35.69	60° 80°	40.97 35.69	135.0 111.1	135.0 111.1	1 1
23.0	41.88 36.50	60° 80°	41.88 36.50	138.0 113.6	138.0 113.6	1 1
23.5	42.79 37.31	60° 80°	42.79 37.31	141.0 116.1	141.0 116.1	1 1
24.0	43.70 38.12	60° 80°	43.70 38.12	144.0 118.6	144.0 118.6	1 1
24.5	44.61 38.93	60° 80°	44.61 38.93	147.0 121.1	147.0 121.1	1 1
25.0	45.52 39.74	60° 80°	45.52 39.74	150.0 123.6	150.0 123.6	1 1
25.5	46.43 40.55	60° 80°	46.43 40.55	153.0 126.1	153.0 126.1	1 1
26.0	47.34 41.36	60° 80°	47.34 41.36	156.0 128.6	156.0 128.6	1 1
26.5	48.25 42.17	60° 80°	48.25 42.17	159.0 131.1	159.0 131.1	1 1
27.0	49.16 42.98	60° 80°	49.16 42.98	162.0 133.6	162.0 133.6	1 1
27.5	50.07 43.79	60° 80°	50.07 43.79	165.0 136.1	165.0 136.1	1 1
28.0	50.98 44.60	60° 80°	50.98 44.60	168.0 138.6	168.0 138.6	1 1
28.5	51.89 45.41	60° 80°	51.89 45.41	171.0 141.1	171.0 141.1	1 1
29.0	52.80 46.22	60° 80°	52.80 46.22	174.0 143.6	174.0 143.6	1 1
29.5	53.71 47.03	60° 80°	53.71 47.03	177.0 146.1	177.0 146.1	1 1
30.0	54.62 47.84	60° 80°	54.62 47.84	180.0 148.6	180.0 148.6	1 1
30.5	55.53 48.65	60° 80°	55.53 48.65	183.0 151.1	183.0 151.1	1 1
31.0	56.44 49.46	60° 80°	56.44 49.46	186.0 153.6	186.0 153.6	1 1
31.5	57.35 50.27	60° 80°	57.35 50.27	189.0 156.1	189.0 156.1	1 1
32.0	58.26 51.08	60° 80°	58.26 51.08	192.0 158.6	192.0 158.6	1 1
32.5	59.17 51.89	60° 80°	59.17 51.89	195.0 161.1	195.0 161.1	1 1
33.0	60.08 52.70	60° 80°	60.08 52.70	198.0 163.6	198.0 163.6	1 1
33.5	60.99 53.51	60° 80°	60.99 53.51	201.0 166.1	201.0 166.1	1 1
34.0	61.90 54.32	60° 80°	61.90 54.32	204.0 168.6	204.0 168.6	1 1
34.5	62.81 55.13	60° 80°	62.81 55.13	207.0 171.1	207.0 171.1	1 1
35.0	63.72 55.94	60° 80°	63.72 55.94	210.0 173.6	210.0 173.6	1 1
35.5	64.63 56.75	60° 80°	64.63 56.75	213.0 176.1	213.0 176.1	1 1
36.0	65.54 57.56	60° 80°	65.54 57.56	216.0 178.6	216.0 178.6	1 1
36.5	66.45 58.37	60° 80°	66.45 58.37	219.0 181.1	219.0 181.1	1 1
37.0	67.36 59.18	60° 80°	67.36 59.18	222.0 183.6	222.0 183.6	1 1
37.5	68.27 59.99	60° 80°	68.27 59.99	225.0 186.1	225.0 186.1	1 1
38.0	69.18 60.80	60° 80°	69.18 60.80	228.0 188.6	228.0 188.6	1 1
38.5	70.09 61.61	60° 80°	70.09 61.61	231.0 191.1	231.0 191.1	1 1
39.0	71.00 62.42	60° 80°	71.00 62.42	234.0 193.6	234.0 193.6	1 1
39.5	71.91 63.23	60° 80°	71.91 63.23	237.0 196.1	237.0 196.1	1 1
40.0	72.82 64.04	60° 80°	72.82 64.04	240.0 198.6	240.0 198.6	1 1
40.5	73.73 64.85	60° 80°	73.73 64.85	243.0 201.1	243.0 201.1	1 1
41.0	74.64 65.66	60° 80°	74.64 65.66	246.0 203.6	246.0 203.6	1 1
41.5	75.55 66.47	60° 80°	75.55 66.47	249.0 206.1	249.0 206.1	1 1
42.0	76.46 67.28	60° 80°	76.46 67.28	252.0 208.6	252.0 208.6	1 1
42.5	77.37 68.09	60° 80°	77.37 68.09	255.0 211.1	255.0 211.1	1 1
43.0	78.28 68.90	60° 80°	78.28 68.90	258.0 213.6	258.0 213.6	1 1
43.5	79.19 69.71	60° 80°	79.19 69.71	261.0 216.1	261.0 216.1	1 1
44.0	80.10 70.52	60° 80°	80.10 70.52	264.0 218.6	264.0 218.6	1 1
44.5	81.01 71.33	60° 80°	81.01 71.33	267.0 221.1	267.0 221.1	1 1
45.0	81.92 72.14	60° 80°	81.92 72.14	270.0 223.6	270.0 223.6	1 1
45.5	82.83 72.95	60° 80°	82.83 72.95	273.0 226.1	273.0 226.1	1 1
46.0	83.74 73.76	60° 80°	83.74 73.76	276.0 228.6	276.0 228.6	1 1
46.5	84.65 74.57	60° 80°	84.65 74.57	279.0 231.1	279.0 231.1	1 1
47.0	85.56 75.38	60° 80°	85.56 75.38	282.0 233.6	282.0 233.6	1 1
47.5	86.47 76.19	60° 80°	86.47 76.19	285.0 236.1	285.0 236.1	1 1
48.0	87.38 77.00	60° 80°	87.38 77.00	288.0 238.6	288.0 238.6	1 1
48.5	88.29 77.81	60° 80°	88.29 77.81	291.0 241.1	291.0 241.1	1 1
49.0	89.20 78.62	60° 80°	89.20 78.62	294.0 243.6	294.0 243.6	1 1
49.5	90.11 79.43	60° 80°	90.11 79.43	297.0 246.1	297.0 246.1	1 1
50.0	91.02 80.24	60° 80°	91.02 80.24	300.0 248.6	300.0 248.6	1 1
50.5	91.93 81.05	60° 80°	91.93 81.05	303.0 251.1	303.0 251.1	1 1
51.0	92.84 81.86	60° 80°	92.84 81.86	306.0 253.6	306.0 253.6	1 1
51.5	93.75 82.67	60° 80°	93.75 82.67	309.0 256.1	309.0 256.1	1 1
52.0	94.66 83.48	60° 80°	94.66 83.48	312.0 258.6	312.0 258.6	1 1
52.5	95.57 84.29	60° 80°	95.57 84.29	315.0 261.1	315.0 261.1	1 1
53.0	96.48 85.10	60° 80°	96.48 85.10	318.0 263.6	318.0 263.6	1 1
53.5	97.39 85.91	60° 80°	97.39 85.91	321.0 266.1	321.0 266.1	1 1
54.0	98.30 86.72	60° 80°	98.30 86.72	324.0 268.6	324.0 268.6	1 1
54.5	99.21 87.53	60° 80°	99.21 87.53	327.0 271.1	327.0 271.1	1 1
55.0	100.12 88.34	60° 80°	100.12 88.34	330.0 273.6	330.0 273.6	1 1
55.5	101.03 89.15	60° 80°	101.03 89.15	333.0 276.1	333.0 276.1	1 1
56.0	101.94 89.96	60° 80°	101.94 89.96	336.0 278.6	336.0 278.6	1 1
56.5	102.85 90.77	60° 80°	102.85 90.77	339.0 281.1	339.0 281.1	1 1
57.0	103.76 91.58	60				

RANA NEO 3700LM REC 1250x310 840 SSC 1L WHITE

Item No: 0052608

SYLVANIA

General data

Product name	RANA NEO 3700LM REC 1250x310 840 SSC 1L WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Office, Education
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)	3761
Luminaire efficacy (lm/W)	121
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	31
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 Standalone (SSC)
Minimum dimming level (%)	1
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	25
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	57
Max. products per 13A C Breaker	71
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	45
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	68
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

RANA NEO 3700LM REC 1250x310 840 SSC 1L WHITE

Item No: 0052608



Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	96000

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)	1246
Nominal Product Width (mm)	308
Nominal Product Height (mm)	51
Weight (kg)	5.6

Packaging

Product EAN number	5410288526089
Packaging single length / height (cm)	139.0
Packaging single width (cm)	37.0
Packaging single depth (cm)	9.5
DUN14 (inner)	05410288526089
Units per outer package	1
Packaging outer length / height (cm)	139.0
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	9.5

Safety data

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