

RANA NEO 3700LM REC 1250X310 840 SSA03 1L WHITE

Item No: 0044679

SYLVANIA

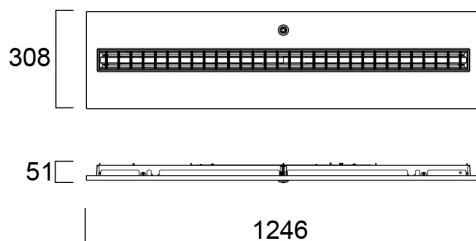
PROTM



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 1246x308x52mm, Sylvania White body colour, IP20, IK07, SylSmart Connected 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	60°	0.91	3.0	3.0	300
1.0	1.83	60°	1.83	6.0	6.0	600
1.5	2.74	60°	2.74	9.0	9.0	900
2.0	3.65	60°	3.65	12.0	12.0	1200
2.5	4.57	60°	4.57	15.0	15.0	1500
3.0	5.48	60°	5.48	18.0	18.0	1800
3.5	6.39	60°	6.39	21.0	21.0	2100
4.0	7.30	60°	7.30	24.0	24.0	2400
4.5	8.21	60°	8.21	27.0	27.0	2700
5.0	9.12	60°	9.12	30.0	30.0	3000
5.5	10.03	60°	10.03	33.0	33.0	3300
6.0	10.94	60°	10.94	36.0	36.0	3600
6.5	11.85	60°	11.85	39.0	39.0	3900
7.0	12.76	60°	12.76	42.0	42.0	4200
7.5	13.67	60°	13.67	45.0	45.0	4500
8.0	14.58	60°	14.58	48.0	48.0	4800
8.5	15.49	60°	15.49	51.0	51.0	5100
9.0	16.40	60°	16.40	54.0	54.0	5400
9.5	17.31	60°	17.31	57.0	57.0	5700
10.0	18.22	60°	18.22	60.0	60.0	6000
10.5	19.13	60°	19.13	63.0	63.0	6300
11.0	20.04	60°	20.04	66.0	66.0	6600
11.5	20.95	60°	20.95	69.0	69.0	6900
12.0	21.86	60°	21.86	72.0	72.0	7200
12.5	22.77	60°	22.77	75.0	75.0	7500
13.0	23.68	60°	23.68	78.0	78.0	7800
13.5	24.59	60°	24.59	81.0	81.0	8100
14.0	25.50	60°	25.50	84.0	84.0	8400
14.5	26.41	60°	26.41	87.0	87.0	8700
15.0	27.32	60°	27.32	90.0	90.0	9000
15.5	28.23	60°	28.23	93.0	93.0	9300
16.0	29.14	60°	29.14	96.0	96.0	9600
16.5	30.05	60°	30.05	99.0	99.0	9900
17.0	30.96	60°	30.96	102.0	102.0	10200
17.5	31.87	60°	31.87	105.0	105.0	10500
18.0	32.78	60°	32.78	108.0	108.0	10800
18.5	33.69	60°	33.69	111.0	111.0	11100
19.0	34.60	60°	34.60	114.0	114.0	11400
19.5	35.51	60°	35.51	117.0	117.0	11700
20.0	36.42	60°	36.42	120.0	120.0	12000
20.5	37.33	60°	37.33	123.0	123.0	12300
21.0	38.24	60°	38.24	126.0	126.0	12600
21.5	39.15	60°	39.15	129.0	129.0	12900
22.0	40.06	60°	40.06	132.0	132.0	13200
22.5	40.97	60°	40.97	135.0	135.0	13500
23.0	41.88	60°	41.88	138.0	138.0	13800
23.5	42.79	60°	42.79	141.0	141.0	14100
24.0	43.70	60°	43.70	144.0	144.0	14400
24.5	44.61	60°	44.61	147.0	147.0	14700
25.0	45.52	60°	45.52	150.0	150.0	15000
25.5	46.43	60°	46.43	153.0	153.0	15300
26.0	47.34	60°	47.34	156.0	156.0	15600
26.5	48.25	60°	48.25	159.0	159.0	15900
27.0	49.16	60°	49.16	162.0	162.0	16200
27.5	50.07	60°	50.07	165.0	165.0	16500
28.0	50.98	60°	50.98	168.0	168.0	16800
28.5	51.89	60°	51.89	171.0	171.0	17100
29.0	52.80	60°	52.80	174.0	174.0	17400
29.5	53.71	60°	53.71	177.0	177.0	17700
30.0	54.62	60°	54.62	180.0	180.0	18000
30.5	55.53	60°	55.53	183.0	183.0	18300
31.0	56.44	60°	56.44	186.0	186.0	18600
31.5	57.35	60°	57.35	189.0	189.0	18900
32.0	58.26	60°	58.26	192.0	192.0	19200
32.5	59.17	60°	59.17	195.0	195.0	19500
33.0	60.08	60°	60.08	198.0	198.0	19800
33.5	60.99	60°	60.99	201.0	201.0	20100
34.0	61.90	60°	61.90	204.0	204.0	20400
34.5	62.81	60°	62.81	207.0	207.0	20700
35.0	63.72	60°	63.72	210.0	210.0	21000
35.5	64.63	60°	64.63	213.0	213.0	21300
36.0	65.54	60°	65.54	216.0	216.0	21600
36.5	66.45	60°	66.45	219.0	219.0	21900
37.0	67.36	60°	67.36	222.0	222.0	22200
37.5	68.27	60°	68.27	225.0	225.0	22500
38.0	69.18	60°	69.18	228.0	228.0	22800
38.5	70.09	60°	70.09	231.0	231.0	23100
39.0	71.00	60°	71.00	234.0	234.0	23400
39.5	71.91	60°	71.91	237.0	237.0	23700
40.0	72.82	60°	72.82	240.0	240.0	24000
40.5	73.73	60°	73.73	243.0	243.0	24300
41.0	74.64	60°	74.64	246.0	246.0	24600
41.5	75.55	60°	75.55	249.0	249.0	24900
42.0	76.46	60°	76.46	252.0	252.0	25200
42.5	77.37	60°	77.37	255.0	255.0	25500
43.0	78.28	60°	78.28	258.0	258.0	25800
43.5	79.19	60°	79.19	261.0	261.0	26100
44.0	80.10	60°	80.10	264.0	264.0	26400
44.5	81.01	60°	81.01	267.0	267.0	26700
45.0	81.92	60°	81.92	270.0	270.0	27000
45.5	82.83	60°	82.83	273.0	273.0	27300
46.0	83.74	60°	83.74	276.0	276.0	27600
46.5	84.65	60°	84.65	279.0	279.0	27900
47.0	85.56	60°	85.56	282.0	282.0	28200
47.5	86.47	60°	86.47	285.0	285.0	28500
48.0	87.38	60°	87.38	288.0	288.0	28800
48.5	88.29	60°	88.29	291.0	291.0	29100
49.0	89.20	60°	89.20	294.0	294.0	29400
49.5	90.11	60°	90.11	297.0	297.0	29700
50.0	91.02	60°	91.02	300.0	300.0	30000
50.5	91.93	60°	91.93	303.0	303.0	30300
51.0	92.84	60°	92.84	306.0	306.0	30600
51.5	93.75	60°	93.75	309.0	309.0	30900
52.0	94.66	60°	94.66	312.0	312.0	31200
52.5	95.57	60°	95.57	315.0	315.0	31500
53.0	96.48	60°	96.48	318.0	318.0	31800
53.5	97.39	60°	97.39	321.0	321.0	32100
54.0	98.30	60°	98.30	324.0	324.0	32400
54.5	99.21	60°	99.21	327.0	327.0	32700
55.0	100.12	60°	100.12	330.0	330.0	33000
55.5	101.03	60°	101.03	333.0	333.0	33300
56.0	101.94	60°	101.94	336.0	336.0	33600
56.5	102.85	60°	102.85	339.0	339.0	33900
57.0	103.76	60°	103.76	342.0	342.0	34200
57.5	104.67	60°	104.67	345.0	345.0	34500
58.0	105.58	60°	105.58	348.0	348.0	34800
58.5	106.49	60°	106.49	351.0	351.0	35100
59.0	107.40	60°	107.40	354.0	354.0	35400
59.5	108.31	60°	108.31	357.0	357.0	35700
60.0	109.22	60°	109.22	360.0	360.0	36000
60.5	110.13	60°	110.13	363.0	363.0	36300
61.0	111.04	60°	111.04	366.0	366.0	36600
61.5	111.95	60°	111.95	369.0	369.0	36900
62.0	112.86	60°	112.86	372.0	372.0	37200
62.5	113.77	60°	113.77	375.0	375.0	37500
63.0	114.68	60°	114.68	378.0	378.0	37800
63.5	115.59	60°	115.59	381.0	381.0	38100
64.0	116.50	60°	116.50	384.0	384.0	38400
64.5	117.41	60°	117.41	387.0	387.0	38700
65.0	118.32	60°	118.32	390.0	390.0	39000
65.5	119.23	60°	119.23	393.0	393.0	39300
66.0	120.14	60°	120.14	396.0	396.0	39600
66.5	121.05	60°	121.05	399.0	399.0	39900
67.0	121.96	60°	121.96	402.0	402.0	40200
67.5	122.87	60°	122.87	405.0	405.0	40500
68.0	123.78	60°	123.78	408.0	408.0	40800
68.5	124.69	60°	124.69	411.0	411.0	41100
69.0	125.60	60°	125.60	414.0	414.0	41400
69.5	126.51	60°	126.51	417.0	417.0	41700
70.0	127.42	60°	127.42	420.0	420.0	42000
70.5	128.33	60°	128.33	423.0	423.0	42300
71.0	129.24	60°	129.24	426.0	426.0	42600
71.5	130.15	60°	130.15	429.0	429.0	42900
72.0	131.06	60°	131.06	432.0	432.0	43200
72.5	131.97	60°	131.97	435.0	435.0	43500
73.0	132.88	60°	132.88	438.0	438.0	43800
73.5	133.79	60°	133.79	441.0	441.0	44100
74.0	134.70	60°	134.70	444.0	444.0	44400
74.5	135.61	60°	135.61	447.0	447.0	44700
75.0	136.52	60°	136.52	450.0	450.0	45000
75.5	137.43	60°	137.43	453.0	453.0	45300
76.0	138.34	60°	138.34	456.0	456.0	45600
76.5	139.25	60°	139.25	459.0	459.0	45900
77.0	140.16	60°	140.16	462.0	462.0	46200
77.5	141.07	60°	141.07	465.0	465.0	46500
78.0	141.98	60°	141.98	468.0	468.0	46800
78.5	142.89	60°	142.89	471.0	471.0	47100
79.0	143.80	60°	143.80	474.0	474.0	47400
79.5	144.71	60°	144.71	477.0	477.0	47700
80.0	145.62	60°	145.62	480.0	480.0	48000
80.5	146.53	60°	146.53	483.0	483.0	48300
81.0	147.44	60°	147.44	486.0	486.0	48600
81.5	148.35	60°	148.35	489.0	489.	

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General data

Product name	RANA NEO 3700LM REC 1250X310 840 SSA03 1L WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	PIR
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 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	100000
Lifespan L80 B20	96000
Lifespan L90 B10	43500

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	5410288446790
Packaging single length / height (cm)	139.0
Packaging single width (cm)	37.0
Packaging single depth (cm)	9.5
DUN14 (inner)	05410288446790
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