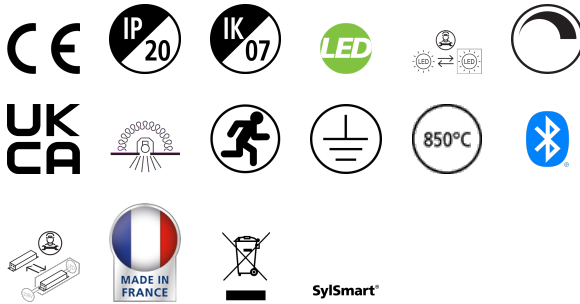


RANA NEO 3500LM REC 625x625 840 SSC EM 2L WHITE

Item No: 0052605

SYLVANIA

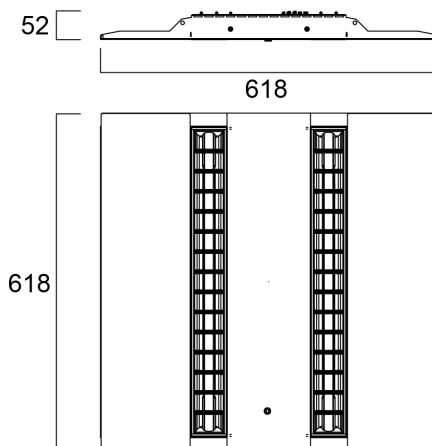
PROTM



Ceiling Recessed LED Linear luminaire (lay-in), with Louvre + MPO diffuser, Direct Light Distribution, Luminaire Dimensions: 618x618x52mm, Sylvania White body colour, IP20, IK07, SylSmart Standalone capable, Emergency 3 hours, Low LED flicker (+/-5%), Neutral White (4000K), LED Colour Temperature, 3527lm, 33W, 106lm/W, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<15, 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.

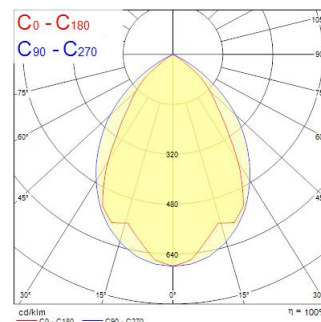
Technical Assets

Dimensions (mm)



Photometrics

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Beam diameter (ft)	Beam diameter (in)	Beam diameter (mm)
0.5	0.89	67.4°	0.89	2.92	29.2	292
1.0	1.78	67.4°	1.78	5.84	58.4	584
1.5	2.68	67.4°	2.68	8.76	87.6	876
2.0	3.55	67.4°	3.55	11.64	116.4	1164
2.5	4.44	67.4°	4.44	14.56	145.6	1456
3.0	5.33	67.4°	5.33	17.48	174.8	1748
4.0	7.11	67.4°	7.11	23.31	233.1	2331
5.0	8.90	67.4°	8.90	29.14	291.4	2914
6.0	10.68	67.4°	10.68	34.97	349.7	3497
7.0	12.47	67.4°	12.47	40.80	408.0	4080
8.0	14.26	67.4°	14.26	46.63	466.3	4663
9.0	16.05	67.4°	16.05	52.46	524.6	5246
10.0	17.84	67.4°	17.84	58.29	582.9	5829
11.0	19.63	67.4°	19.63	64.12	641.2	6412
12.0	21.42	67.4°	21.42	69.95	699.5	6995
13.0	23.21	67.4°	23.21	75.78	757.8	7578
14.0	25.00	67.4°	25.00	81.61	816.1	8161
15.0	26.79	67.4°	26.79	87.44	874.4	8744
16.0	28.58	67.4°	28.58	93.27	932.7	9327
17.0	30.37	67.4°	30.37	99.10	991.0	9910
18.0	32.16	67.4°	32.16	104.93	1049.3	10493
19.0	33.95	67.4°	33.95	110.76	1107.6	11076
20.0	35.74	67.4°	35.74	116.59	1165.9	11659
21.0	37.53	67.4°	37.53	122.42	1224.2	12242
22.0	39.32	67.4°	39.32	128.25	1282.5	12825
23.0	41.11	67.4°	41.11	134.08	1340.8	13408
24.0	42.90	67.4°	42.90	139.91	1399.1	13991
25.0	44.69	67.4°	44.69	145.74	1457.4	14574
26.0	46.48	67.4°	46.48	151.57	1515.7	15157
27.0	48.27	67.4°	48.27	157.40	1574.0	15740
28.0	50.06	67.4°	50.06	163.23	1632.3	16323
29.0	51.85	67.4°	51.85	169.06	1690.6	16906
30.0	53.64	67.4°	53.64	174.89	1748.9	17489
31.0	55.43	67.4°	55.43	180.72	1807.2	18072
32.0	57.22	67.4°	57.22	186.55	1865.5	18655
33.0	59.01	67.4°	59.01	192.38	1923.8	19238
34.0	60.80	67.4°	60.80	198.21	1982.1	19821
35.0	62.59	67.4°	62.59	204.04	2040.4	20404
36.0	64.38	67.4°	64.38	209.87	2098.7	20987
37.0	66.17	67.4°	66.17	215.70	2157.0	21570
38.0	67.96	67.4°	67.96	221.53	2215.3	22153
39.0	69.75	67.4°	69.75	227.36	2273.6	22736
40.0	71.54	67.4°	71.54	233.19	2331.9	23319
41.0	73.33	67.4°	73.33	239.02	2390.2	23902
42.0	75.12	67.4°	75.12	244.85	2448.5	24485
43.0	76.91	67.4°	76.91	250.68	2506.8	25068
44.0	78.70	67.4°	78.70	256.51	2565.1	25651
45.0	80.49	67.4°	80.49	262.34	2623.4	26234
46.0	82.28	67.4°	82.28	268.17	2681.7	26817
47.0	84.07	67.4°	84.07	274.00	2740.0	27400
48.0	85.86	67.4°	85.86	279.83	2798.3	27983
49.0	87.65	67.4°	87.65	285.66	2856.6	28566
50.0	89.44	67.4°	89.44	291.49	2914.9	29149
51.0	91.23	67.4°	91.23	297.32	2973.2	29732
52.0	93.02	67.4°	93.02	303.15	3031.5	30315
53.0	94.81	67.4°	94.81	308.98	3089.8	30898
54.0	96.60	67.4°	96.60	314.81	3148.1	31481
55.0	98.39	67.4°	98.39	320.64	3206.4	32064
56.0	100.18	67.4°	100.18	326.47	3264.7	32647
57.0	101.97	67.4°	101.97	332.30	3323.0	33230
58.0	103.76	67.4°	103.76	338.13	3381.3	33813
59.0	105.55	67.4°	105.55	343.96	3439.6	34396
60.0	107.34	67.4°	107.34	349.79	3497.9	34979
61.0	109.13	67.4°	109.13	355.62	3556.2	35562
62.0	110.92	67.4°	110.92	361.45	3614.5	36145
63.0	112.71	67.4°	112.71	367.28	3672.8	36728
64.0	114.50	67.4°	114.50	373.11	3731.1	37311
65.0	116.29	67.4°	116.29	378.94	3789.4	37894
66.0	118.08	67.4°	118.08	384.77	3847.7	38477
67.0	119.87	67.4°	119.87	390.60	3906.0	39060
68.0	121.66	67.4°	121.66	396.43	3964.3	39643
69.0	123.45	67.4°	123.45	402.26	4022.6	40226
70.0	125.24	67.4°	125.24	408.09	4080.9	40809
71.0	127.03	67.4°	127.03	413.92	4139.2	41392
72.0	128.82	67.4°	128.82	419.75	4197.5	41975
73.0	130.61	67.4°	130.61	425.58	4255.8	42558
74.0	132.40	67.4°	132.40	431.41	4314.1	43141
75.0	134.19	67.4°	134.19	437.24	4372.4	43724
76.0	135.98	67.4°	135.98	443.07	4430.7	44307
77.0	137.77	67.4°	137.77	448.90	4489.0	44890
78.0	139.56	67.4°	139.56	454.73	4547.3	45473
79.0	141.35	67.4°	141.35	460.56	4605.6	46056
80.0	143.14	67.4°	143.14	466.39	4663.9	46639
81.0	144.93	67.4°	144.93	472.22	4722.2	47222
82.0	146.72	67.4°	146.72	478.05	4780.5	47805
83.0	148.51	67.4°	148.51	483.88	4838.8	48388
84.0	150.30	67.4°	150.30	489.71	4897.1	48971
85.0	152.09	67.4°	152.09	495.54	4955.4	49554
86.0	153.88	67.4°	153.88	501.37	5013.7	50137
87.0	155.67	67.4°	155.67	507.20	5072.0	50720
88.0	157.46	67.4°	157.46	513.03	5130.3	51303
89.0	159.25	67.4°	159.25	518.86	5188.6	51886
90.0	161.04	67.4°	161.04	524.69	5246.9	52469
91.0	162.83	67.4°	162.83	530.52	5305.2	53052
92.0	164.62	67.4°	164.62	536.35	5363.5	53635
93.0	166.41	67.4°	166.41	542.18	5421.8	54218
94.0	168.20	67.4°	168.20	548.01	5480.1	54801
95.0	170.00	67.4°	170.00	553.84	5538.4	55384
96.0	171.79	67.4°	171.79	559.67	5596.7	55967
97.0	173.58	67.4°	173.58	565.50	5655.0	56550
98.0	175.37	67.4°	175.37	571.33	5713.3	57133
99.0	177.16	67.4°	177.16	577.16	5771.6	57716
100.0	178.95	67.4°	178.95	583.00	5830.0	58300



RANA NEO 3500LM REC 625x625 840 SSC EM 2L WHITE

Item No: 0052605

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General data

Product name	RANA NEO 3500LM REC 625x625 840 SSC EM 2L 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)	3527
Luminaire efficacy (lm/W)	106
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80

Electrical data

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	33
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 3500LM REC 625x625 840 SSC EM 2L WHITE

Item No: 0052605



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)	618
Nominal Product Width (mm)	618
Nominal Product Height (mm)	52
Weight (kg)	4.7

Packaging

Product EAN number	5410288526058
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (inner)	05410288526058
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	64.5

Safety data

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