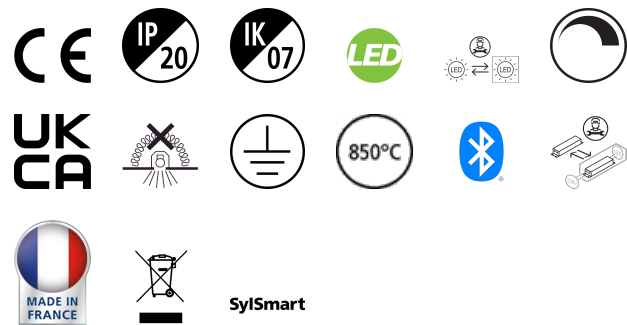


RANA LED S 1500 HO 4K LOUVV+PRI SSC W GEN2

Item No: 0051880



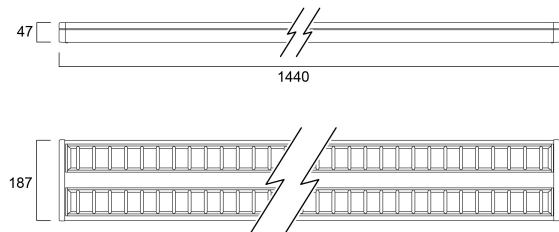
PRO



Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1440x187x47mm, Sylvania White body colour, IP20, IK07, Electric Class 1, Light Engine Dimensions: 1410x165mm, SylSmart (SSC01) controlled, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 7500lm, 63W, 119lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, Lumen Maintenance: L90B10 at 50,000 hours, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam volume [m³]
0.5	0.96	84.4°	0.91	0.71	0.24
1.0	1.91	84.4°	1.82	2.83	0.96
1.5	2.87	84.4°	2.72	4.25	1.44
2.0	3.82	84.4°	3.63	5.66	1.92
2.5	4.78	84.4°	4.53	7.07	2.40
3.0	5.73	84.4°	5.44	8.48	2.88
3.5	6.69	84.4°	6.34	9.89	3.36
4.0	7.64	84.4°	7.25	11.30	3.84
4.5	8.60	84.4°	8.15	12.71	4.32
5.0	9.56	84.4°	9.06	14.12	4.80
5.5	10.52	84.4°	9.96	15.53	5.28
6.0	11.47	84.4°	10.87	16.94	5.76
6.5	12.43	84.4°	11.77	18.35	6.24
7.0	13.39	84.4°	12.68	19.76	6.72
7.5	14.35	84.4°	13.58	21.17	7.20
8.0	15.31	84.4°	14.49	22.58	7.68
8.5	16.27	84.4°	15.39	23.99	8.16
9.0	17.23	84.4°	16.29	25.40	8.64
9.5	18.19	84.4°	17.20	26.81	9.12
10.0	19.15	84.4°	18.10	28.22	9.60
10.5	20.11	84.4°	19.01	29.63	10.08
11.0	21.07	84.4°	19.91	31.04	10.56
11.5	22.03	84.4°	20.82	32.45	11.04
12.0	22.99	84.4°	21.72	33.86	11.52
12.5	23.95	84.4°	22.63	35.27	12.00
13.0	24.91	84.4°	23.53	36.68	12.48
13.5	25.87	84.4°	24.44	38.09	12.96
14.0	26.83	84.4°	25.34	39.50	13.44
14.5	27.79	84.4°	26.25	40.91	13.92
15.0	28.75	84.4°	27.15	42.32	14.40
15.5	29.71	84.4°	28.06	43.73	14.88
16.0	30.67	84.4°	28.96	45.14	15.36
16.5	31.63	84.4°	29.87	46.55	15.84
17.0	32.59	84.4°	30.77	47.96	16.32
17.5	33.55	84.4°	31.68	49.37	16.80
18.0	34.51	84.4°	32.58	50.78	17.28
18.5	35.47	84.4°	33.49	52.19	17.76
19.0	36.43	84.4°	34.39	53.60	18.24
19.5	37.39	84.4°	35.30	55.01	18.72
20.0	38.35	84.4°	36.20	56.42	19.20
20.5	39.31	84.4°	37.11	57.83	19.68
21.0	40.27	84.4°	38.01	59.24	20.16
21.5	41.23	84.4°	38.92	60.65	20.64
22.0	42.19	84.4°	39.82	62.06	21.12
22.5	43.15	84.4°	40.73	63.47	21.60
23.0	44.11	84.4°	41.63	64.88	22.08
23.5	45.07	84.4°	42.54	66.29	22.56
24.0	46.03	84.4°	43.44	67.70	23.04
24.5	46.99	84.4°	44.35	69.11	23.52
25.0	47.95	84.4°	45.25	70.52	24.00
25.5	48.91	84.4°	46.16	71.93	24.48
26.0	49.87	84.4°	47.06	73.34	24.96
26.5	50.83	84.4°	47.97	74.75	25.44
27.0	51.79	84.4°	48.87	76.16	25.92
27.5	52.75	84.4°	49.78	77.57	26.40
28.0	53.71	84.4°	50.68	78.98	26.88
28.5	54.67	84.4°	51.59	80.39	27.36
29.0	55.63	84.4°	52.49	81.80	27.84
29.5	56.59	84.4°	53.40	83.21	28.32
30.0	57.55	84.4°	54.30	84.62	28.80
30.5	58.51	84.4°	55.21	86.03	29.28
31.0	59.47	84.4°	56.11	87.44	29.76
31.5	60.43	84.4°	57.02	88.85	30.24
32.0	61.39	84.4°	57.92	90.26	30.72
32.5	62.35	84.4°	58.83	91.67	31.20
33.0	63.31	84.4°	59.73	93.08	31.68
33.5	64.27	84.4°	60.64	94.49	32.16
34.0	65.23	84.4°	61.54	95.90	32.64
34.5	66.19	84.4°	62.45	97.31	33.12
35.0	67.15	84.4°	63.35	98.72	33.60
35.5	68.11	84.4°	64.26	100.13	34.08
36.0	69.07	84.4°	65.16	101.54	34.56
36.5	70.03	84.4°	66.07	102.95	35.04
37.0	70.99	84.4°	66.97	104.36	35.52
37.5	71.95	84.4°	67.88	105.77	36.00
38.0	72.91	84.4°	68.78	107.18	36.48
38.5	73.87	84.4°	69.69	108.59	36.96
39.0	74.83	84.4°	70.59	110.00	37.44
39.5	75.79	84.4°	71.50	111.41	37.92
40.0	76.75	84.4°	72.40	112.82	38.40
40.5	77.71	84.4°	73.31	114.23	38.88
41.0	78.67	84.4°	74.21	115.64	39.36
41.5	79.63	84.4°	75.12	117.05	39.84
42.0	80.59	84.4°	76.02	118.46	40.32
42.5	81.55	84.4°	76.93	119.87	40.80
43.0	82.51	84.4°	77.83	121.28	41.28
43.5	83.47	84.4°	78.74	122.69	41.76
44.0	84.43	84.4°	79.64	124.10	42.24
44.5	85.39	84.4°	80.55	125.51	42.72
45.0	86.35	84.4°	81.45	126.92	43.20
45.5	87.31	84.4°	82.36	128.33	43.68
46.0	88.27	84.4°	83.26	129.74	44.16
46.5	89.23	84.4°	84.17	131.15	44.64
47.0	90.19	84.4°	85.07	132.56	45.12
47.5	91.15	84.4°	85.98	133.97	45.60
48.0	92.11	84.4°	86.88	135.38	46.08
48.5	93.07	84.4°	87.79	136.79	46.56
49.0	94.03	84.4°	88.69	138.20	47.04
49.5	94.99	84.4°	89.60	139.61	47.52
50.0	95.95	84.4°	90.50	141.02	48.00
50.5	96.91	84.4°	91.41	142.43	48.48
51.0	97.87	84.4°	92.31	143.84	48.96
51.5	98.83	84.4°	93.22	145.25	49.44
52.0	99.79	84.4°	94.12	146.66	49.92
52.5	100.75	84.4°	95.03	148.07	50.40
53.0	101.71	84.4°	95.93	149.48	50.88
53.5	102.67	84.4°	96.84	150.89	51.36
54.0	103.63	84.4°	97.74	152.30	51.84
54.5	104.59	84.4°	98.65	153.71	52.32
55.0	105.55	84.4°	99.55	155.12	52.80
55.5	106.51	84.4°	100.46	156.53	53.28
56.0	107.47	84.4°	101.36	157.94	53.76
56.5	108.43	84.4°	102.27	159.35	54.24
57.0	109.39	84.4°	103.17	160.76	54.72
57.5	110.35	84.4°	104.08	162.17	55.20
58.0	111.31	84.4°	104.98	163.58	55.68
58.5	112.27	84.4°	105.89	164.99	56.16
59.0	113.23	84.4°	106.79	166.40	56.64
59.5	114.19	84.4°	107.70	167.81	57.12
60.0	115.15	84.4°	108.60	169.22	57.60
60.5	116.11	84.4°	109.51	170.63	58.08
61.0	117.07	84.4°	110.41	172.04	58.56
61.5	118.03	84.4°	111.32	173.45	59.04
62.0	118.99	84.4°	112.22	174.86	59.52
62.5	119.95	84.4°	113.13	176.27	60.00
63.0	120.91	84.4°	114.03	177.68	60.48
63.5	121.87	84.4°	114.94	179.09	60.96
64.0	122.83	84.4°	115.84	180.50	61.44
64.5	123.79	84.4°	116.75	181.91	61.92
65.0	124.75	84.4°	117.65	183.32	62.40
65.5	125.71	84.4°	118.56	184.73	62.88
66.0	126.67	84.4°	119.46	186.14	63.36
66.5	127.63	84.4°	120.37	187.55	63.84
67.0	128.59	84.4°	121.27	188.96	64.32
67.5	129.55	84.4°	122.18	190.37	64.80
68.0	130.51	84.4°	123.08	191.78	65.28
68.5	131.47	84.4°	123.99	193.19	65.76
69.0	132.43	84.4°	124.89	194.60	66.24
69.5	133.39	84.4°	125.80	196.01	66.72
70.0	134.35	84.4°	126.70	197.42	67.20
70.5	135.31	84.4°	127.61	198.83	67.68
71.0	136.27	84.4°	128.51	200.24	68.16
71.5	137.23	84.4°	129.42	201.65	68.64
72.0	138.19	84.4°	130.32	203.06	69.12
72.5	139.15	84.4°	131.23	204.47	69.60
73.0	140.11	84.4°	132.13	205.88	70.08
73.5	141.07	84.4°	133.04	207.29	70.56
74.0	142.03	84.4°	133.94	208.70	71.04
74.5	142.99	84.4°	134.85	210.11	71.52
75.0	143.95	84.4°	135.75	211.52	72.00
75.5	144.91	84.4°	136.66	212.93	72.48
76.0	145.87	84.4°	137.56	214.34	72.96
76.5	146.83	84.4°	138.47	215.75	73.44
77.0	147.79	84.4°	139.37	217.16	73.92
77.5	148.75	84.4°	140.28	218.57	74.40
78.0	149.71	84.4°	141.18	219.98	74.88
78.5	150.67	84.4°	142.09	221.39	75.36
79.0	151.63	84.4°	142.99	222.80	75.84
79.5	152.59	84.4°	143.90	224.21	76.32
80.0	153.55	84.4°	144.80	225.62	76.80
80.5	154.51	84.4°	145.71	227.03	77.28
81.0	155.47	84.4°	146.61	228.44	77.76
81.5	156.43	84.4°	147.52	229.85	78.24
82.0	157.39	84.4°	148.42	231.26	78.72
82.5	158.35	84.4°	149.33	232.67	79.20
83.0	159.31	84.4°	150.23	234.08	79.68
83.5	160.27	84.4°	151.14	235.49	80.16
84.0	161.23	84.4°	152.04	236.90	80.64
84.5	162.19	84.4°	152.95	238.31	81.12
85.0	163.15	84.4°	153.85	239.72	81.60
85.5	164.11	84.4°	154.76	241.13	82.08
86.0	165.07	84.4°	155.66	242.54	82.56
86.5	166.03	84.4°	156.57	243.95	83.04
87.0	166.99	84.4°	157.47	245.36	83.52
87.5	167.95	84.4°	158.38	246.77	84.00
88.0	168.91	84.4°	159.28	248.18	84.48
88.5	169.87	84.4°	160.19	249.59	84.96
89.0	170.83	84.4°	161.09	251.00	85.44
89.5	171.79	84.4°	162.00	252.41	85.92
90.0	172.75	84.4°	162.90	253.82	86.40
90.5	173.71	84.4°	163.81		

RANA LED S 1500 HO 4K LOUV+PRI SSC
W GEN2

Item No: 0051880

SYLVANIA

General data

Product name	RANA LED S 1500 HO 4K LOUV+PRI SSC W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
General application	Education, Hospitality, Office, Retail
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	7500
Fixture luminous flux (lm)	7500
Luminous flux (lm)	7500
Luminaire efficacy (lm/W)	119
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

Total power consumption (W)	63
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.99
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	525
Inrush Current (A)	29
Inrush Duration (µs)	155
Energy Efficiency Class (A->G) of contained light source	C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
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)	2.5
Connectable conductor cross section - Max (mm²)	2.5

RANA LED S 1500 HO 4K LOUV+PRI SSC W GEN2

Item No: 0051880



Lifetime data

Lifespan L70 B50	50000
Lifespan L70 B10	50000
Lifespan L80 B50	50000
Lifespan L80 B10	50000
Lifespan L90 B50	50000
Lifespan L90 B10	50000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1460
Nominal Product Width (mm)	187
Nominal Product Height (mm)	47
Weight (kg)	4.0

Packaging

Product EAN number	5410288518800
Packaging single length / height (cm)	153.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288518800
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	850
---------------------	-----