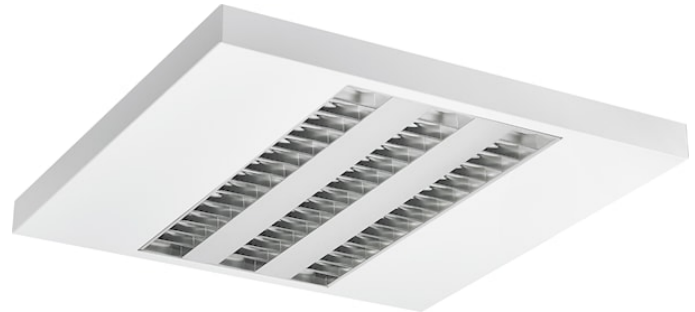


RANA LED S 600 HO 4K LOUV+PRI W GEN2

Item No: 0051469

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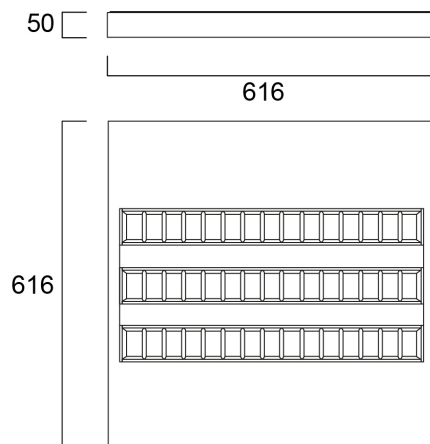
PROTM



Surface or Suspended LED Linear luminaire with Louvre + Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 616x616x50mm, Sylvania White body colour, IP20, IK07, Light Engine Dimensions: 570x285mm, Constant Current, Low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4500lm, 40W, 113lm/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 diameter [ft]	Beam diameter [in]	Beam diameter [mm]
0.5	0.96	42.8°	1.92	6.3	25.2	635
1.0	1.92	42.8°	3.84	12.6	50.4	1270
1.5	2.88	42.8°	5.76	18.9	75.6	1905
2.0	3.84	42.8°	7.68	25.2	100.8	2540
2.5	4.80	42.8°	9.60	31.5	126.0	3175
3.0	5.76	42.8°	11.52	37.8	151.2	3840
3.5	6.72	42.8°	13.44	44.1	176.4	4505
4.0	7.68	42.8°	15.36	50.4	199.2	5070
4.5	8.64	42.8°	17.28	56.7	223.2	5635
5.0	9.60	42.8°	19.20	63.0	247.2	6200
5.5	10.56	42.8°	21.12	69.3	271.2	6765
6.0	11.52	42.8°	23.04	75.6	295.2	7330
6.5	12.48	42.8°	24.96	81.9	319.2	7895
7.0	13.44	42.8°	26.88	88.2	343.2	8460
7.5	14.40	42.8°	28.80	94.5	367.2	9025
8.0	15.36	42.8°	30.72	100.8	391.2	9590
8.5	16.32	42.8°	32.64	107.1	415.2	10155
9.0	17.28	42.8°	34.56	113.4	439.2	10720
9.5	18.24	42.8°	36.48	119.7	463.2	11285
10.0	19.20	42.8°	38.40	126.0	487.2	11850
10.5	20.16	42.8°	40.32	132.3	511.2	12415
11.0	21.12	42.8°	42.24	138.6	535.2	12980
11.5	22.08	42.8°	44.16	144.9	559.2	13545
12.0	23.04	42.8°	46.08	151.2	583.2	14110
12.5	24.00	42.8°	48.00	157.5	607.2	14675
13.0	24.96	42.8°	49.92	163.8	631.2	15240
13.5	25.92	42.8°	51.84	170.1	655.2	15805
14.0	26.88	42.8°	53.76	176.4	679.2	16370
14.5	27.84	42.8°	55.68	182.7	703.2	16935
15.0	28.80	42.8°	57.60	189.0	727.2	17500
15.5	29.76	42.8°	59.52	195.3	751.2	18065
16.0	30.72	42.8°	61.44	201.6	775.2	18630
16.5	31.68	42.8°	63.36	207.9	799.2	19195
17.0	32.64	42.8°	65.28	214.2	823.2	19760
17.5	33.60	42.8°	67.20	220.5	847.2	20325
18.0	34.56	42.8°	69.12	226.8	871.2	20890
18.5	35.52	42.8°	71.04	233.1	895.2	21455
19.0	36.48	42.8°	72.96	239.4	919.2	22020
19.5	37.44	42.8°	74.88	245.7	943.2	22585
20.0	38.40	42.8°	76.80	252.0	967.2	23150
20.5	39.36	42.8°	78.72	258.3	991.2	23715
21.0	40.32	42.8°	80.64	264.6	1015.2	24280
21.5	41.28	42.8°	82.56	270.9	1039.2	24845
22.0	42.24	42.8°	84.48	277.2	1063.2	25410
22.5	43.20	42.8°	86.40	283.5	1087.2	25975
23.0	44.16	42.8°	88.32	289.8	1111.2	26540
23.5	45.12	42.8°	90.24	296.1	1135.2	27105
24.0	46.08	42.8°	92.16	302.4	1159.2	27670
24.5	47.04	42.8°	94.08	308.7	1183.2	28235
25.0	48.00	42.8°	96.00	315.0	1207.2	28800
25.5	48.96	42.8°	97.92	321.3	1231.2	29365
26.0	49.92	42.8°	99.84	327.6	1255.2	29930
26.5	50.88	42.8°	101.76	333.9	1279.2	30495
27.0	51.84	42.8°	103.68	340.2	1303.2	31060
27.5	52.80	42.8°	105.60	346.5	1327.2	31625
28.0	53.76	42.8°	107.52	352.8	1351.2	32190
28.5	54.72	42.8°	109.44	359.1	1375.2	32755
29.0	55.68	42.8°	111.36	365.4	1399.2	33320
29.5	56.64	42.8°	113.28	371.7	1423.2	33885
30.0	57.60	42.8°	115.20	378.0	1447.2	34450
30.5	58.56	42.8°	117.12	384.3	1471.2	35015
31.0	59.52	42.8°	119.04	390.6	1495.2	35580
31.5	60.48	42.8°	120.96	396.9	1519.2	36145
32.0	61.44	42.8°	122.88	403.2	1543.2	36710
32.5	62.40	42.8°	124.80	409.5	1567.2	37275
33.0	63.36	42.8°	126.72	415.8	1591.2	37840
33.5	64.32	42.8°	128.64	422.1	1615.2	38405
34.0	65.28	42.8°	130.56	428.4	1639.2	38970
34.5	66.24	42.8°	132.48	434.7	1663.2	39535
35.0	67.20	42.8°	134.40	441.0	1687.2	40100
35.5	68.16	42.8°	136.32	447.3	1711.2	40665
36.0	69.12	42.8°	138.24	453.6	1735.2	41230
36.5	70.08	42.8°	140.16	459.9	1759.2	41795
37.0	71.04	42.8°	142.08	466.2	1783.2	42360
37.5	72.00	42.8°	144.00	472.5	1807.2	42925
38.0	72.96	42.8°	145.92	478.8	1831.2	43490
38.5	73.92	42.8°	147.84	485.1	1855.2	44055
39.0	74.88	42.8°	149.76	491.4	1879.2	44620
39.5	75.84	42.8°	151.68	497.7	1903.2	45185
40.0	76.80	42.8°	153.60	504.0	1927.2	45750
40.5	77.76	42.8°	155.52	510.3	1951.2	46315
41.0	78.72	42.8°	157.44	516.6	1975.2	46880
41.5	79.68	42.8°	159.36	522.9	1999.2	47445
42.0	80.64	42.8°	161.28	529.2	2023.2	48010
42.5	81.60	42.8°	163.20	535.5	2047.2	48575
43.0	82.56	42.8°	165.12	541.8	2071.2	49140
43.5	83.52	42.8°	167.04	548.1	2095.2	49705
44.0	84.48	42.8°	168.96	554.4	2119.2	50270
44.5	85.44	42.8°	170.88	560.7	2143.2	50835
45.0	86.40	42.8°	172.80	567.0	2167.2	51400
45.5	87.36	42.8°	174.72	573.3	2191.2	51965
46.0	88.32	42.8°	176.64	579.6	2215.2	52530
46.5	89.28	42.8°	178.56	585.9	2239.2	53095
47.0	90.24	42.8°	180.48	592.2	2263.2	53660
47.5	91.20	42.8°	182.40	598.5	2287.2	54225
48.0	92.16	42.8°	184.32	604.8	2311.2	54790
48.5	93.12	42.8°	186.24	611.1	2335.2	55355
49.0	94.08	42.8°	188.16	617.4	2359.2	55920
49.5	95.04	42.8°	190.08	623.7	2383.2	56485
50.0	96.00	42.8°	192.00	630.0	2407.2	57050
50.5	96.96	42.8°	193.92	636.3	2431.2	57615
51.0	97.92	42.8°	195.84	642.6	2455.2	58180
51.5	98.88	42.8°	197.76	648.9	2479.2	58745
52.0	99.84	42.8°	199.68	655.2	2503.2	59310
52.5	100.80	42.8°	201.60	661.5	2527.2	59875
53.0	101.76	42.8°	203.52	667.8	2551.2	60440
53.5	102.72	42.8°	205.44	674.1	2575.2	61005
54.0	103.68	42.8°	207.36	680.4	2599.2	61570
54.5	104.64	42.8°	209.28	686.7	2623.2	62135
55.0	105.60	42.8°	211.20	693.0	2647.2	62700
55.5	106.56	42.8°	213.12	699.3	2671.2	63265
56.0	107.52	42.8°	215.04	705.6	2695.2	63830
56.5	108.48	42.8°	216.96	711.9	2719.2	64395
57.0	109.44	42.8°	218.88	718.2	2743.2	64960
57.5	110.40	42.8°	220.80	724.5	2767.2	65525
58.0	111.36	42.8°	222.72	730.8	2791.2	66090
58.5	112.32	42.8°	224.64	737.1	2815.2	66655
59.0	113.28	42.8°	226.56	743.4	2839.2	67220
59.5	114.24	42.8°	228.48	749.7	2863.2	67785
60.0	115.20	42.8°	230.40	756.0	2887.2	68350
60.5	116.16	42.8°	232.32	762.3	2911.2	68915
61.0	117.12	42.8°	234.24	768.6	2935.2	69480
61.5	118.08	42.8°	236.16	774.9	2959.2	70045
62.0	119.04	42.8°	238.08	781.2	2983.2	70610
62.5	120.00	42.8°	240.00	787.5	3007.2	71175
63.0	120.96	42.8°	241.92	793.8	3031.2	71740
63.5	121.92	42.8°	243.84	800.1	3055.2	72305
64.0	122.88	42.8°	245.76	806.4	3079.2	72870
64.5	123.84	42.8°	247.68	812.7	3103.2	73435
65.0	124.80	42.8°	249.60	819.0	3127.2	74000
65.5	125.76	42.8°	251.52	825.3	3151.2	74565
66.0	126.72	42.8°	253.44	831.6	3175.2	75130
66.5	127.68	42.8°	255.36	837.9	3199.2	75695
67.0	128.64	42.8°	257.28	844.2	3223.2	76260
67.5	129.60	42.8°	259.20	850.5	3247.2	76825
68.0	130.56	42.8°	261.12	856.8	3271.2	77390
68.5	131.52	42.8°	263.04	863.1	3295.2	77955
69.0	132.48	42.8°	264.96	869.4	3319.2	78520
69.5	133.44	42.8°	266.88	875.7	3343.2	79085
70.0	134.40	42.8°	268.80	882.0	3367.2	79650
70.5	135.36	42.8°	270.72	888.3	3391.2	80215
71.0	136.32	42.8°	272.64	894.6	3415.2	80780
71.5	137.28	42.8°	274.56	900.9	3439.2	81345
72.0	138.24	42.8°	276.48	907.2	3463.2	81910
72.5	139.20	42.8°	278.40	913.5	3487.2	82475
73.0	140.16	42.8°	280.32	919.8	3511.2	83040
73.5	141.12	42.8°	282.24	926.1	3535.2	83605
74.0	142.08	42.8°	284.16	932.4	3559.2	84170
74.5	143.04	42.8°	286.08	938.7	3583.2	84735
75.0	144.00	42.8°	288.00	945.0	3607.2	85300
75.5	144.96	42.8°	289.92	951.3	3631.2	

RANA LED S 600 HO 4K LOUV+PRI W GEN2

Item No: 0051469

SYLVANIA

General data

Product name	RANA LED S 600 HO 4K LOUV+PRI W GEN2
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Suspended
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
E-number FI	4273524
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	113
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)	40
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 %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	275
Inrush Current (A)	25
Inrush Duration (µs)	280
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	23
Max. products per 13A C Breaker	31
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	50
Max. products per 10A B Breaker	14
Max. products per 13A B Breaker	19
Max. products per 16A B Breaker	24
Max. products per 20A B Breaker	30
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

RANA LED S 600 HO 4K LOUV+PRI W GEN2

Item No: 0051469



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	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	616
Nominal Product Width (mm)	616
Nominal Product Height (mm)	50
Weight (kg)	4.8

Packaging

Product EAN number	5410288514697
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (inner)	05410288514697
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