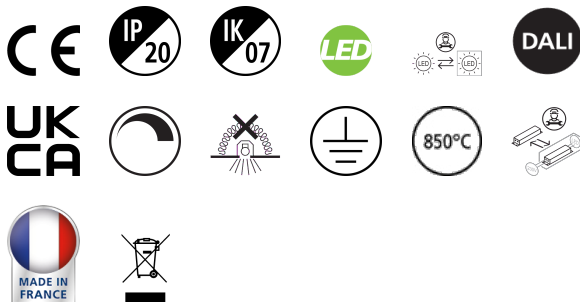


RANA NEO 6800LM S 1200 830 DALI 2L WHITE

Artikelnummer 0054236

SYLVANIA

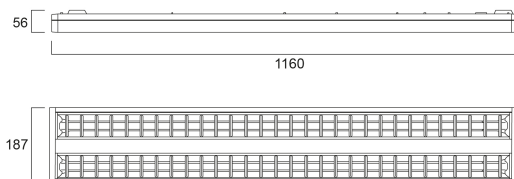
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, DALI Dimmable, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 58W, 117lm/W efficacy, CRI>80, 3 SDCM (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, Lifespan: 96,000 hours L80B20, Quick electrical connection with push-connectors in the luminaire, Glow Wire Test 850°C.

Technische Werte

Größe (mm)



Photometrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam area [ft²]	Beam area [in²]
0.5	0.90	60.0°	0.90	0.81	8.75	100.0
1.0	1.79	60.0°	1.79	3.20	34.5	400.0
1.5	2.69	60.0°	2.69	7.25	78.0	900.0
2.0	3.59	60.0°	3.59	12.88	139.0	1600.0
2.5	4.49	60.0°	4.49	20.16	218.0	2500.0
3.0	5.39	60.0°	5.39	29.05	313.0	3600.0
3.5	6.29	60.0°	6.29	39.56	426.0	4900.0
4.0	7.19	60.0°	7.19	51.69	557.0	6400.0
4.5	8.09	60.0°	8.09	65.44	707.0	8100.0
5.0	8.99	60.0°	8.99	80.81	875.0	10000.0
5.5	9.89	60.0°	9.89	97.81	1061.0	12100.0
6.0	10.79	60.0°	10.79	116.16	1265.0	14400.0
6.5	11.69	60.0°	11.69	136.85	1487.0	16900.0
7.0	12.59	60.0°	12.59	158.89	1727.0	19600.0
7.5	13.49	60.0°	13.49	182.29	1985.0	22500.0
8.0	14.39	60.0°	14.39	207.05	2261.0	25600.0
8.5	15.29	60.0°	15.29	233.17	2555.0	28900.0
9.0	16.19	60.0°	16.19	260.65	2867.0	32400.0
9.5	17.09	60.0°	17.09	289.50	3197.0	36100.0
10.0	17.99	60.0°	17.99	319.81	3545.0	40000.0
10.5	18.89	60.0°	18.89	351.59	3911.0	44100.0
11.0	19.79	60.0°	19.79	384.85	4195.0	48400.0
11.5	20.69	60.0°	20.69	419.59	4557.0	52900.0
12.0	21.59	60.0°	21.59	465.81	5037.0	57600.0
12.5	22.49	60.0°	22.49	503.50	5445.0	62500.0
13.0	23.39	60.0°	23.39	542.65	5881.0	67600.0
13.5	24.29	60.0°	24.29	583.27	6345.0	72900.0
14.0	25.19	60.0°	25.19	625.37	6837.0	78400.0
14.5	26.09	60.0°	26.09	668.95	7357.0	84100.0
15.0	26.99	60.0°	26.99	714.01	7905.0	90000.0
15.5	27.89	60.0°	27.89	760.55	8481.0	96100.0
16.0	28.79	60.0°	28.79	808.57	9085.0	102400.0
16.5	29.69	60.0°	29.69	858.07	9717.0	108900.0
17.0	30.59	60.0°	30.59	909.05	10377.0	115600.0
17.5	31.49	60.0°	31.49	961.51	11065.0	122500.0
18.0	32.39	60.0°	32.39	1015.45	11781.0	129600.0
18.5	33.29	60.0°	33.29	1070.87	12525.0	136900.0
19.0	34.19	60.0°	34.19	1127.77	13297.0	144400.0
19.5	35.09	60.0°	35.09	1186.15	14097.0	152100.0
20.0	35.99	60.0°	35.99	1246.01	14925.0	160000.0
20.5	36.89	60.0°	36.89	1307.35	15781.0	168100.0
21.0	37.79	60.0°	37.79	1370.17	16665.0	176400.0
21.5	38.69	60.0°	38.69	1434.47	17577.0	184900.0
22.0	39.59	60.0°	39.59	1500.25	18517.0	193600.0
22.5	40.49	60.0°	40.49	1567.51	19485.0	202500.0
23.0	41.39	60.0°	41.39	1636.25	20481.0	211600.0
23.5	42.29	60.0°	42.29	1706.47	21505.0	220900.0
24.0	43.19	60.0°	43.19	1778.17	22557.0	230400.0
24.5	44.09	60.0°	44.09	1851.35	23637.0	240100.0
25.0	44.99	60.0°	44.99	1926.01	24745.0	250000.0
25.5	45.89	60.0°	45.89	2002.15	25881.0	260100.0
26.0	46.79	60.0°	46.79	2079.77	27045.0	270400.0
26.5	47.69	60.0°	47.69	2158.87	28237.0	280900.0
27.0	48.59	60.0°	48.59	2239.45	29457.0	291600.0
27.5	49.49	60.0°	49.49	2321.51	30705.0	302500.0
28.0	50.39	60.0°	50.39	2405.05	31981.0	313600.0
28.5	51.29	60.0°	51.29	2490.07	33285.0	324900.0
29.0	52.19	60.0°	52.19	2576.57	34617.0	336400.0
29.5	53.09	60.0°	53.09	2664.55	35977.0	348100.0
30.0	53.99	60.0°	53.99	2754.01	37365.0	360000.0
30.5	54.89	60.0°	54.89	2844.95	38781.0	372100.0
31.0	55.79	60.0°	55.79	2937.37	40225.0	384400.0
31.5	56.69	60.0°	56.69	3031.27	41697.0	396900.0
32.0	57.59	60.0°	57.59	3126.65	43197.0	409600.0
32.5	58.49	60.0°	58.49	3223.51	44725.0	422500.0
33.0	59.39	60.0°	59.39	3321.85	46281.0	435600.0
33.5	60.29	60.0°	60.29	3421.67	47865.0	448900.0
34.0	61.19	60.0°	61.19	3522.97	49477.0	462400.0
34.5	62.09	60.0°	62.09	3625.75	51117.0	476100.0
35.0	62.99	60.0°	62.99	3729.99	52785.0	490000.0
35.5	63.89	60.0°	63.89	3835.69	54481.0	504100.0
36.0	64.79	60.0°	64.79	3942.85	56205.0	518400.0
36.5	65.69	60.0°	65.69	4051.47	57957.0	532900.0
37.0	66.59	60.0°	66.59	4161.55	59737.0	547600.0
37.5	67.49	60.0°	67.49	4273.09	61545.0	562500.0
38.0	68.39	60.0°	68.39	4386.09	63381.0	577600.0
38.5	69.29	60.0°	69.29	4500.55	65245.0	592900.0
39.0	70.19	60.0°	70.19	4616.47	67137.0	608400.0
39.5	71.09	60.0°	71.09	4733.85	69057.0	624100.0
40.0	71.99	60.0°	71.99	4852.69	71005.0	640000.0
40.5	72.89	60.0°	72.89	4972.99	72981.0	656100.0
41.0	73.79	60.0°	73.79	5094.75	74985.0	672400.0
41.5	74.69	60.0°	74.69	5217.97	77017.0	688900.0
42.0	75.59	60.0°	75.59	5342.65	79077.0	705600.0
42.5	76.49	60.0°	76.49	5468.79	81165.0	722500.0
43.0	77.39	60.0°	77.39	5596.39	83281.0	739600.0
43.5	78.29	60.0°	78.29	5725.45	85425.0	756900.0
44.0	79.19	60.0°	79.19	5855.97	87597.0	774400.0
44.5	80.09	60.0°	80.09	5987.95	89797.0	792100.0
45.0	80.99	60.0°	80.99	6121.39	92025.0	810000.0
45.5	81.89	60.0°	81.89	6256.29	94281.0	828100.0
46.0	82.79	60.0°	82.79	6392.65	96565.0	846400.0
46.5	83.69	60.0°	83.69	6530.47	98877.0	864900.0
47.0	84.59	60.0°	84.59	6669.75	101217.0	883600.0
47.5	85.49	60.0°	85.49	6810.49	103585.0	902500.0
48.0	86.39	60.0°	86.39	6952.69	105981.0	921600.0
48.5	87.29	60.0°	87.29	7096.35	108405.0	940900.0
49.0	88.19	60.0°	88.19	7241.47	110857.0	960400.0
49.5	89.09	60.0°	89.09	7388.05	113337.0	980100.0
50.0	89.99	60.0°	89.99	7536.09	115845.0	1000000.0
50.5	90.89	60.0°	90.89	7685.59	118381.0	1020100.0
51.0	91.79	60.0°	91.79	7836.55	120945.0	1040400.0
51.5	92.69	60.0°	92.69	7988.97	123537.0	1060900.0
52.0	93.59	60.0°	93.59	8142.85	126157.0	1081600.0
52.5	94.49	60.0°	94.49	8298.19	128795.0	1102500.0
53.0	95.39	60.0°	95.39	8454.99	131461.0	1123600.0
53.5	96.29	60.0°	96.29	8613.25	134155.0	1144900.0
54.0	97.19	60.0°	97.19	8772.97	136877.0	1166400.0
54.5	98.09	60.0°	98.09	8934.15	139627.0	1188100.0
55.0	98.99	60.0°	98.99	9096.79	142405.0	1209900.0
55.5	99.89	60.0°	99.89	9260.89	145211.0	1231900.0
56.0	100.79	60.0°	100.79	9426.45	148045.0	1254000.0
56.5	101.69	60.0°	101.69	9593.47	150907.0	1276200.0
57.0	102.59	60.0°	102.59	9761.95	153797.0	1298500.0
57.5	103.49	60.0°	103.49	9931.89	156715.0	1320900.0
58.0	104.39	60.0°	104.39	10103.29	159661.0	1343400.0
58.5	105.29	60.0°	105.29	10276.15	162635.0	1366000.0
59.0	106.19	60.0°	106.19	10450.47	165637.0	1388700.0
59.5	107.09	60.0°	107.09	10626.25	168667.0	1411500.0
60.0	107.99	60.0°	107.99	10803.49	171725.0	1434400.0
60.5	108.89	60.0°	108.89	10982.19	174811.0	1457400.0
61.0	109.79	60.0°	109.79	11162.35	177925.0	1480500.0
61.5	110.69	60.0°	110.69	11343.97	181067.0	1503700.0
62.0	111.59	60.0°	111.59	11527.05	184237.0	1527000.0
62.5	112.49	60.0°	112.49	11711.59	187435.0	1550400.0
63.0	113.39	60.0°	113.39	11897.59	190661.0	1573900.0
63.5	114.29	60.0°	114.29	12084.95	193915.0	1597500.0
64.0	115.19	60.0°	115.19	12273.67	197197.0	1621200.0
64.5	116.09	60.0°	116.09	12463.75	200507.0	1645000.0
65.0	116.99	60.0°	116.99	12655.19	203845.0	1668900.0
65.5	117.89	60.0°	117.89	12847.99	207211.0	1692900.0
66.0	118.79	60.0°	118.79	13042.15	210605.0	1717000.0
66.5	119.69	60.0°	119.69	13237.67	214027.0	1741200.0
67.0	120.59	60.0°	120.59	13434.55	217477.0	1765500.0
67.5	121.49	60.0°	121.49	13632.79	220955.0	1790000.0
68.0	122.39	60.0°	122.39	13832.39	224461.0	1814600.0
68.5	123.29	60.0°	123.29	14033.35	227995.0	1839300.0
69.0	124.19	60.0°	124.19	14235.67	231557.0	1864100.0
69.5	125.09	60.0°	125.09	14439.25	235147.0	1889000.0
70.0	125.99	60.0°	125.99	14644.09	238765.0	1914000.0
70.5	126.89	60.0°	126.89	14850.19	242411.0	1939100.0
71.0	127.79	60.0°	127.79	15057.55	246085.0	1964300.0
71.5	128.69	60.0°	128.69	15266.17	249787.0	1989600.0
72.0	129.59	60.0°	129.59	15476.05	253517.0	2015000.0
72.5	130.49	60.0°	130.49	15687.29	257285.0	2040500.0
73.0	131.39	60.0°	131.39	15899.89	261081.0	2066100.0
73.5	132.29	60.0°	132.29	16113.85	264905.0	2091800.0
74.0	133.19	60.0°	133.19	16329.17	268757.0	2117500.0
74.5	134.09	60.0°	134.09	16545.75	272637.0	2143300.0
75.0	134.99	60.0°	134.99	16763.59	276545.0	2169200.0
75.5	135.89	60.0°	135.89	16982.69	280481.0	2195200.0
76.0	136.79	60.0°	136.79	17203.05	284445.0	2221300.0
76.5	137.69	60.0°	137.69	17424.67	288437.0	2247500.0
77.0	138					

RANA NEO 6800LM S 1200 830 DALI 2L WHITE

Artikelnummer 0054236

SYLVANIA

Allgemeine Daten

Produktname	RANA NEO 6800LM S 1200 830 DALI 2L WHITE
Technologie	LED
Sockel	N/A
Gehäuse	Steel
Montage	Ceiling surface mounting, Suspended
Allgemeine Anwendungsbereiche	Education, Office
Umgebungstemperaturbereich	0°C...+25°C
Betriebstemperatur (°C)	25
ETIM Klasse	EC002892
Garantie	5 Jahre

Optische Daten

Leuchtenlichtstrom (lm)	6800
Systemeffizienz (lm/W)	117
Farbtemperatur (K)	3000
Lichtfarbe	Warm White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Blendungsbegrenzung	< 18
Photobiological Risk Group	RG0

Elektrische Daten

Leistungsaufnahme gesamt (W)	58
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Leistungsfaktor der Lampe	0.95
Elektrische Schutzklasse	Class I
Vorschaltgerät benötigt	No
Betriebsgerätetyp	LED driver constant current
Dimmbar	Yes
Dimming method	DALI
Stromstärke (mA)	300
Einschaltstrom (A)	23.1
Dauer Einschaltstrom (µs)	174
Energy Efficiency Class (A->G) of contained light source	C
Nennfrequenz (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Anzahl Leuchten pro 10A C Sicherung	18
Max. Anzahl Leuchten pro 13A C Sicherung	26
Max. Anzahl Leuchten pro 16A C Sicherung	28
Max. Anzahl Leuchten pro 20A C Sicherung	34
Max. Anzahl Leuchten pro 10A B Sicherung	9
Max. Anzahl Leuchten pro 13A B Sicherung	13
Max. Anzahl Leuchten pro 16A B Sicherung	14
Max. Anzahl Leuchten pro 20A B Sicherung	17

Lifetime data

Lebensdauer - L70B50	100000
Lebensdauer - L80B20	96000

RANA NEO 6800LM S 1200 830 DALI 2L WHITE

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Physikalische Daten

Gehäusefarbe	RAL 9016 - Traffic white / Bezel
IP Schutzart	IP20
IK Schutzart	IK07
Diffusor	Opal
Diffusormaterial	PC Polycarbonate
Länge (mm)	1160
Breite (mm)	187
Nominale Produkthöhe (mm)	47
Gewicht (kg)	3.2

Packaging

EAN Code	5410288542362
Einzelverpackung Länge (cm)	153.5
Einzelverpackung Breite (cm)	6.5
Einzelverpackung Tiefe (cm)	21.0
DUN 14 (außen)	05410288542362
Anzahl an Einheiten je Außenverpackung	1
Außenverpackung Länge (cm)	153.5
Außenverpackung Breite (cm)	6.5
Außenverpackung Tiefe (cm)	21.0

Safety data

Glühdrahttest (°C)	850
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