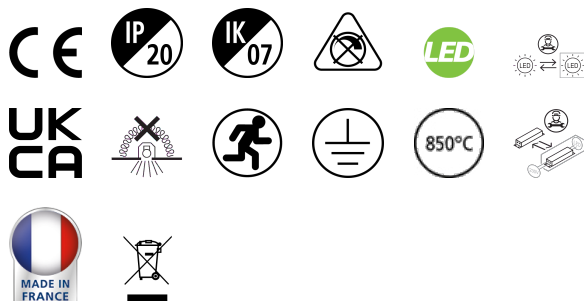


RANA NEO 6800LM S 1200 830 CC EM 2L WHITE

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SYLVANIA

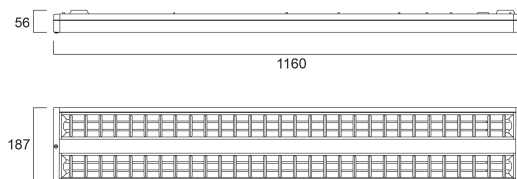
PROTM



Surface or Suspended LED luminaire with Micro Prismatic Optic, Direct Light Distribution, Luminaire Dimensions: 1160x187x56mm, White body colour, IP20, IK07, Constant Current, Emergency 3 hours, Low LED flicker (+/-5%), Warm White (3000K) LED Colour Temperature, 6800lm, 59W, 115lm/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.

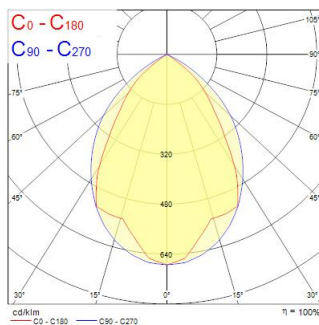
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.90	60.8°	0.90	0.64	15470	2418
1.0	1.79	60.8°	1.79	3.14	7735	2418
1.5	2.69	60.8°	2.69	7.24	5156	2418
2.0	3.59	60.8°	3.59	12.7	3867	2418
2.5	4.49	60.8°	4.49	19.9	2902	2418
3.0	5.39	60.8°	5.39	28.9	2147	2418
4.0	7.18	60.8°	7.18	50.8	1191	2418
5.0	8.97	60.8°	8.97	79.8	773	2418
6.0	10.76	60.8°	10.76	114	515	2418
7.0	12.55	60.8°	12.55	156	386	2418
8.0	14.34	60.8°	14.34	204	290	2418
9.0	16.13	60.8°	16.13	259	214	2418
10.0	17.92	60.8°	17.92	321	154	2418
11.0	19.71	60.8°	19.71	389	119	2418
12.0	21.50	60.8°	21.50	463	90	2418
13.0	23.29	60.8°	23.29	543	69	2418
14.0	25.08	60.8°	25.08	629	51	2418
15.0	26.87	60.8°	26.87	721	39	2418
16.0	28.66	60.8°	28.66	819	30	2418
17.0	30.45	60.8°	30.45	923	23	2418
18.0	32.24	60.8°	32.24	1033	18	2418
19.0	34.03	60.8°	34.03	1148	14	2418
20.0	35.82	60.8°	35.82	1268	11	2418
21.0	37.61	60.8°	37.61	1393	9	2418
22.0	39.40	60.8°	39.40	1523	7	2418
23.0	41.19	60.8°	41.19	1658	6	2418
24.0	42.98	60.8°	42.98	1798	5	2418
25.0	44.77	60.8°	44.77	1943	4	2418
26.0	46.56	60.8°	46.56	2093	3	2418
27.0	48.35	60.8°	48.35	2248	2	2418
28.0	50.14	60.8°	50.14	2408	2	2418
29.0	51.93	60.8°	51.93	2573	1	2418
30.0	53.72	60.8°	53.72	2743	1	2418
31.0	55.51	60.8°	55.51	2918	1	2418
32.0	57.30	60.8°	57.30	3098	1	2418
33.0	59.09	60.8°	59.09	3283	1	2418
34.0	60.88	60.8°	60.88	3473	1	2418
35.0	62.67	60.8°	62.67	3668	1	2418
36.0	64.46	60.8°	64.46	3868	1	2418
37.0	66.25	60.8°	66.25	4073	1	2418
38.0	68.04	60.8°	68.04	4283	1	2418
39.0	69.83	60.8°	69.83	4498	1	2418
40.0	71.62	60.8°	71.62	4718	1	2418
41.0	73.41	60.8°	73.41	4943	1	2418
42.0	75.20	60.8°	75.20	5173	1	2418
43.0	76.99	60.8°	76.99	5408	1	2418
44.0	78.78	60.8°	78.78	5648	1	2418
45.0	80.57	60.8°	80.57	5893	1	2418
46.0	82.36	60.8°	82.36	6143	1	2418
47.0	84.15	60.8°	84.15	6398	1	2418
48.0	85.94	60.8°	85.94	6658	1	2418
49.0	87.73	60.8°	87.73	6923	1	2418
50.0	89.52	60.8°	89.52	7193	1	2418
51.0	91.31	60.8°	91.31	7468	1	2418
52.0	93.10	60.8°	93.10	7748	1	2418
53.0	94.89	60.8°	94.89	8033	1	2418
54.0	96.68	60.8°	96.68	8323	1	2418
55.0	98.47	60.8°	98.47	8618	1	2418
56.0	100.26	60.8°	100.26	8918	1	2418
57.0	102.05	60.8°	102.05	9223	1	2418
58.0	103.84	60.8°	103.84	9533	1	2418
59.0	105.63	60.8°	105.63	9848	1	2418
60.0	107.42	60.8°	107.42	10168	1	2418
61.0	109.21	60.8°	109.21	10493	1	2418
62.0	111.00	60.8°	111.00	10823	1	2418
63.0	112.79	60.8°	112.79	11158	1	2418
64.0	114.58	60.8°	114.58	11498	1	2418
65.0	116.37	60.8°	116.37	11843	1	2418
66.0	118.16	60.8°	118.16	12193	1	2418
67.0	119.95	60.8°	119.95	12548	1	2418
68.0	121.74	60.8°	121.74	12908	1	2418
69.0	123.53	60.8°	123.53	13273	1	2418
70.0	125.32	60.8°	125.32	13643	1	2418
71.0	127.11	60.8°	127.11	14018	1	2418
72.0	128.90	60.8°	128.90	14398	1	2418
73.0	130.69	60.8°	130.69	14783	1	2418
74.0	132.48	60.8°	132.48	15173	1	2418
75.0	134.27	60.8°	134.27	15568	1	2418
76.0	136.06	60.8°	136.06	15968	1	2418
77.0	137.85	60.8°	137.85	16373	1	2418
78.0	139.64	60.8°	139.64	16783	1	2418
79.0	141.43	60.8°	141.43	17198	1	2418
80.0	143.22	60.8°	143.22	17618	1	2418
81.0	145.01	60.8°	145.01	18043	1	2418
82.0	146.80	60.8°	146.80	18473	1	2418
83.0	148.59	60.8°	148.59	18908	1	2418
84.0	150.38	60.8°	150.38	19348	1	2418
85.0	152.17	60.8°	152.17	19793	1	2418
86.0	153.96	60.8°	153.96	20243	1	2418
87.0	155.75	60.8°	155.75	20698	1	2418
88.0	157.54	60.8°	157.54	21158	1	2418
89.0	159.33	60.8°	159.33	21623	1	2418
90.0	161.12	60.8°	161.12	22093	1	2418
91.0	162.91	60.8°	162.91	22568	1	2418
92.0	164.70	60.8°	164.70	23048	1	2418
93.0	166.49	60.8°	166.49	23533	1	2418
94.0	168.28	60.8°	168.28	24023	1	2418
95.0	170.07	60.8°	170.07	24518	1	2418
96.0	171.86	60.8°	171.86	25018	1	2418
97.0	173.65	60.8°	173.65	25523	1	2418
98.0	175.44	60.8°	175.44	26033	1	2418
99.0	177.23	60.8°	177.23	26548	1	2418
100.0	179.02	60.8°	179.02	27068	1	2418



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Données générales

Nom du produit	RANA NEO 6800LM S 1200 830 CC EM 2L WHITE
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	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
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	6800
Luminaire efficacy (lm/W)	115
Température de couleur (K)	3000
Couleur de lumière	Warm White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80

Caractéristiques électriques

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	59
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
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Courant d'appel (A)	12
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	24
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	39
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	32
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	49
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	96000

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Finition réflecteur	Not Applicable
Longueur (mm)	1160
Largeur (mm)	187
Nominal Product Height (mm)	47
Poids (kg)	3.2

Emballage

Product EAN number	5410288542409
Longueur simple de l'emballage (cm)	153.5
Largeur simple de l'emballage (cm)	6.5
Packaging single depth (cm)	21.0
DUN14 (inner)	05410288542409
Units per outer package	1
Packaging outer length / height (cm)	153.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	21.0

Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	5-25