

DELTAWING 1200 3K

Item No: 0042916

SYLVANIA

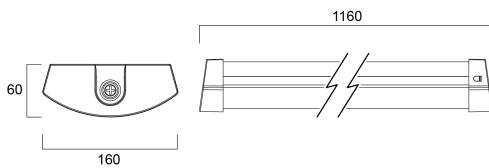
PROTM



DELTAWING 1200 3K is a ceiling and wall surface, suspended LED luminaire with opal diffuser, 1160x160x60mm dimensions, 35W system power, 4,200lm flux and 120lm/W efficacy, CRI (Ra) >80, 3000K (Warm White) CCT, chromaticity tolerance of 3-step MacAdam ellipse, non-dimmable (4-steps DIP switch) driver (19W 2500lm, 24W 3100lm, 29W 3600lm, 35W 4200lm), RAL9003 finishing, L70B50 100khrs / L80B50 80khrs lifespan, IK06 impact resistance, IP44 ingress protection rating (in ceiling surface installation), Electrical protection Class I, 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	1.35	1.62	1.35	4.43	44.3	443
1.0	2.69	3.23	2.69	8.83	88.3	883
1.5	4.04	4.85	4.04	13.25	132.5	1325
2.0	5.39	6.07	5.39	17.68	176.8	1768
2.5	6.73	7.58	6.73	22.05	220.5	2205
3.0	8.08	9.10	8.08	26.48	264.8	2648
3.5	9.43	10.62	9.43	30.85	308.5	3085
4.0	10.78	12.13	10.78	35.22	352.2	3522
4.5	12.13	13.65	12.13	39.59	395.9	3959
5.0	13.48	15.16	13.48	43.96	439.6	4396
5.5	14.83	16.68	14.83	48.33	483.3	4833
6.0	16.18	18.19	16.18	52.70	527.0	5270
6.5	17.53	19.71	17.53	57.07	570.7	5707
7.0	18.88	21.22	18.88	61.44	614.4	6144
7.5	20.23	22.74	20.23	65.81	658.1	6581
8.0	21.58	24.25	21.58	70.18	701.8	7018
8.5	22.93	25.77	22.93	74.55	745.5	7455
9.0	24.28	27.28	24.28	78.92	789.2	7892
9.5	25.63	28.80	25.63	83.29	832.9	8329
10.0	26.98	30.31	26.98	87.66	876.6	8766
10.5	28.33	31.83	28.33	92.03	920.3	9203
11.0	29.68	33.34	29.68	96.40	964.0	9640
11.5	31.03	34.86	31.03	100.77	1007.7	10077
12.0	32.38	36.37	32.38	105.14	1051.4	10514
12.5	33.73	37.89	33.73	109.51	1095.1	10951
13.0	35.08	39.40	35.08	113.88	1138.8	11388
13.5	36.43	40.92	36.43	118.25	1182.5	11825
14.0	37.78	42.43	37.78	122.62	1226.2	12262
14.5	39.13	43.95	39.13	126.99	1269.9	12699
15.0	40.48	45.46	40.48	131.36	1313.6	13136
15.5	41.83	46.98	41.83	135.73	1357.3	13573
16.0	43.18	48.49	43.18	140.10	1401.0	14010
16.5	44.53	50.01	44.53	144.47	1444.7	14447
17.0	45.88	51.52	45.88	148.84	1488.4	14884
17.5	47.23	53.04	47.23	153.21	1532.1	15321
18.0	48.58	54.55	48.58	157.58	1575.8	15758
18.5	49.93	56.07	49.93	161.95	1619.5	16195
19.0	51.28	57.58	51.28	166.32	1663.2	16632
19.5	52.63	59.10	52.63	170.69	1706.9	17069
20.0	53.98	60.61	53.98	175.06	1750.6	17506
20.5	55.33	62.13	55.33	179.43	1794.3	17943
21.0	56.68	63.64	56.68	183.80	1838.0	18380
21.5	58.03	65.16	58.03	188.17	1881.7	18817
22.0	59.38	66.67	59.38	192.54	1925.4	19254
22.5	60.73	68.19	60.73	196.91	1969.1	19691
23.0	62.08	69.70	62.08	201.28	2012.8	20128
23.5	63.43	71.22	63.43	205.65	2056.5	20565
24.0	64.78	72.73	64.78	210.02	2100.2	21002
24.5	66.13	74.25	66.13	214.39	2143.9	21439
25.0	67.48	75.76	67.48	218.76	2187.6	21876
25.5	68.83	77.28	68.83	223.13	2231.3	22313
26.0	70.18	78.79	70.18	227.50	2275.0	22750
26.5	71.53	80.31	71.53	231.87	2318.7	23187
27.0	72.88	81.82	72.88	236.24	2362.4	23624
27.5	74.23	83.34	74.23	240.61	2406.1	24061
28.0	75.58	84.85	75.58	244.98	2449.8	24498
28.5	76.93	86.37	76.93	249.35	2493.5	24935
29.0	78.28	87.88	78.28	253.72	2537.2	25372
29.5	79.63	89.40	79.63	258.09	2580.9	25809
30.0	80.98	90.91	80.98	262.46	2624.6	26246
30.5	82.33	92.43	82.33	266.83	2668.3	26683
31.0	83.68	93.94	83.68	271.20	2712.0	27120
31.5	85.03	95.46	85.03	275.57	2755.7	27557
32.0	86.38	96.97	86.38	279.94	2799.4	27994
32.5	87.73	98.49	87.73	284.31	2843.1	28431
33.0	89.08	100.00	89.08	288.68	2886.8	28868
33.5	90.43	101.52	90.43	293.05	2930.5	29305
34.0	91.78	103.03	91.78	297.42	2974.2	29742
34.5	93.13	104.55	93.13	301.79	3017.9	30179
35.0	94.48	106.06	94.48	306.16	3061.6	30616
35.5	95.83	107.58	95.83	310.53	3105.3	31053
36.0	97.18	109.09	97.18	314.90	3149.0	31490
36.5	98.53	110.61	98.53	319.27	3192.7	31927
37.0	99.88	112.12	99.88	323.64	3236.4	32364
37.5	101.23	113.64	101.23	328.01	3280.1	32801
38.0	102.58	115.15	102.58	332.38	3323.8	33238
38.5	103.93	116.67	103.93	336.75	3367.5	33675
39.0	105.28	118.18	105.28	341.12	3411.2	34112
39.5	106.63	119.70	106.63	345.49	3454.9	34549
40.0	107.98	121.21	107.98	349.86	3498.6	34986
40.5	109.33	122.73	109.33	354.23	3542.3	35423
41.0	110.68	124.24	110.68	358.60	3586.0	35860
41.5	112.03	125.76	112.03	362.97	3629.7	36297
42.0	113.38	127.27	113.38	367.34	3673.4	36734
42.5	114.73	128.79	114.73	371.71	3717.1	37171
43.0	116.08	130.30	116.08	376.08	3760.8	37608
43.5	117.43	131.82	117.43	380.45	3804.5	38045
44.0	118.78	133.33	118.78	384.82	3848.2	38482
44.5	120.13	134.85	120.13	389.19	3891.9	38919
45.0	121.48	136.36	121.48	393.56	3935.6	39356
45.5	122.83	137.88	122.83	397.93	3979.3	39793
46.0	124.18	139.39	124.18	402.30	4023.0	40230
46.5	125.53	140.91	125.53	406.67	4066.7	40667
47.0	126.88	142.42	126.88	411.04	4110.4	41104
47.5	128.23	143.94	128.23	415.41	4154.1	41541
48.0	129.58	145.45	129.58	419.78	4197.8	41978
48.5	130.93	146.97	130.93	424.15	4241.5	42415
49.0	132.28	148.48	132.28	428.52	4285.2	42852
49.5	133.63	150.00	133.63	432.89	4328.9	43289
50.0	134.98	151.51	134.98	437.26	4372.6	43726
50.5	136.33	153.03	136.33	441.63	4416.3	44163
51.0	137.68	154.54	137.68	446.00	4460.0	44600
51.5	139.03	156.06	139.03	450.37	4503.7	45037
52.0	140.38	157.57	140.38	454.74	4547.4	45474
52.5	141.73	159.09	141.73	459.11	4591.1	45911
53.0	143.08	160.60	143.08	463.48	4634.8	46348
53.5	144.43	162.12	144.43	467.85	4678.5	46785
54.0	145.78	163.63	145.78	472.22	4722.2	47222
54.5	147.13	165.15	147.13	476.59	4765.9	47659
55.0	148.48	166.66	148.48	480.96	4809.6	48096
55.5	149.83	168.18	149.83	485.33	4853.3	48533
56.0	151.18	169.69	151.18	489.70	4897.0	48970
56.5	152.53	171.21	152.53	494.07	4940.7	49407
57.0	153.88	172.72	153.88	498.44	4984.4	49844
57.5	155.23	174.24	155.23	502.81	5028.1	50281
58.0	156.58	175.75	156.58	507.18	5071.8	50718
58.5	157.93	177.27	157.93	511.55	5115.5	51155
59.0	159.28	178.78	159.28	515.92	5159.2	51592
59.5	160.63	180.30	160.63	520.29	5202.9	52029
60.0	161.98	181.81	161.98	524.66	5246.6	52466
60.5	163.33	183.33	163.33	529.03	5290.3	52903
61.0	164.68	184.84	164.68	533.40	5334.0	53340
61.5	166.03	186.36	166.03	537.77	5377.7	53777
62.0	167.38	187.87	167.38	542.14	5421.4	54214
62.5	168.73	189.39	168.73	546.51	5465.1	54651
63.0	170.08	190.90	170.08	550.88	5508.8	55088
63.5	171.43	192.42	171.43	555.25	5552.5	55525
64.0	172.78	193.93	172.78	559.62	5596.2	55962
64.5	174.13	195.45	174.13	563.99	5639.9	56399
65.0	175.48	196.96	175.48	568.36	5683.6	56836
65.5	176.83	198.48	176.83	572.73	5727.3	57273
66.0	178.18	200.00	178.18	577.10	5771.0	57710
66.5	179.53	201.51	179.53	581.47	5814.7	58147
67.0	180.88	203.03	180.88	585.84	5858.4	58584
67.5	182.23	204.54	182.23	590.21	5902.1	59021
68.0	183.58	206.06	183.58	594.58	5945.8	59458
68.5	184.93	207.57	184.93	598.95	5989.5	59895
69.0	186.28	209.09	186.28	603.32	6033.2	60332
69.5	187.63	210.60	187.63	607.69	6076.9	60769
70.0	188.98	212.12	188.98	612.06	6120.6	61206
70.5	190.33	213.63	190.33	616.43	6164.3	61643
71.0	191.68	215.15	191.68	620.80	6208.0	62080
71.5	193.03	216.66	193.03	625.17	6251.7	62517
72.0	194.38	218.18	194.38	629.54	6295.4	62954
72.5	195.73	219.69	195.73	633.91	6339.1	63391
73.0	197.08	221.21	197.08	638.28	6382.8	63828
73.5	198.43	222.72	198.43	642.65	6426.5	64265
74.0	199.78	224.24	199.78	647.02	6470.2	64702
74.5	201.13	225.75	201.13	651.39	6513.9	65139
75.0	202.48	227.27	202.48	655.76	6557.6	65576
75.5	203.83	228.79	203.83	660.13	6601.3	66013
76.0	205.18	230.30	205.18	664.50	6645.0	66450
76.5	206.53	231.82	206.53	668.87	6688.7	66887
77.0	207.88	233.33	207.88	673.24	6732.4	67324
77.5	209.23	234.85	209.23	677.61	6776.1	67761
78.0	210.58	236.36	210.58	681.98	6819.8	68198
78.5	211.93	237.88	211.93	686.35	6863.5	68635
79.0	213.28	239.39	213.28	690.72	6907.2	69072
79.5	214.63	240.91	214.63	695.09	6950.9	69509
80.0	215.98	242.42	215.98	699.46	6994.6	69946
80.5	217.33	243.94	217.33	703.83	7038.3	70383
81.0	218.68	245.45	218.68	708.20	7082.0	70820

DELTAWING 1200 3K

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General data

Product name	DELTAWING 1200 3K
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
General application	Office, Education, Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4170682
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4200
Luminaire efficacy (lm/W)	120
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Emergency type	
Total power consumption (W)	35
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
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)	350
Inrush Current (A)	30
Inrush Duration (µs)	190
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	22
Max. products per 16A C Breaker	35
Max. products per 16A B Breaker	35
Connectable conductor cross section - Min (mm²)	1
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	80000

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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44
IK rating	IK06
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	Not Applicable
Nominal Product Length (mm)	1160
Nominal Product Width (mm)	160
Nominal Product Height (mm)	60
Weight (kg)	1.965

Packaging

Product EAN number	5410288429168
Packaging single length / height (cm)	124.6
Packaging single width (cm)	16.5
Packaging single depth (cm)	6.6
DUN14 (inner)	15410288429165
Units per outer package	4
Packaging outer length / height (cm)	126.0
Packaging outer width (cm)	34.5
Packaging outer depth (cm)	15.2

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40