

Resisto 1500 IP66 7600lm 840 5xTH

Item No: 0010252



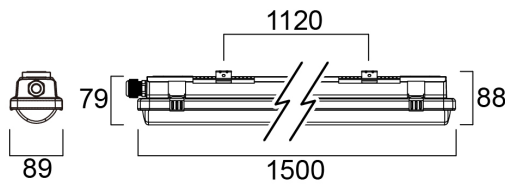
PRO



Resisto, integrated LED weatherproof luminaire, with UV stabilized flat diffuser designed to achieve uniform lit appearance, optimise light output and to reduce glare. 301 stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing and diffuser - no yellow discolouration over time. 7600lm; 55W; 138lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark; through wiring.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam volume [m³]
0.5	1.39	120	1.25	1.57	0.39
1.0	2.77	120	2.51	6.28	1.57
1.5	4.16	120	3.76	14.14	2.36
2.0	5.55	120	5.01	25.13	4.71
2.5	6.93	120	6.26	39.27	7.64
3.0	8.32	120	7.52	56.54	10.80
3.5	9.71	120	8.77	76.93	14.18
4.0	11.10	120	10.02	100.44	17.77
4.5	12.49	120	11.27	128.07	21.57
5.0	13.88	120	12.52	158.82	25.58
5.5	15.27	120	13.77	192.69	29.79
6.0	16.66	120	15.02	230.68	34.20
6.5	18.05	120	16.27	272.79	38.81
7.0	19.44	120	17.52	319.02	43.62
7.5	20.83	120	18.77	369.37	48.63
8.0	22.22	120	20.02	423.84	53.84
8.5	23.61	120	21.27	482.43	59.25
9.0	25.00	120	22.52	545.14	64.86
9.5	26.39	120	23.77	611.97	70.67
10.0	27.78	120	25.02	682.92	76.68
10.5	29.17	120	26.27	758.09	82.89
11.0	30.56	120	27.52	837.48	89.30
11.5	31.95	120	28.77	921.09	95.91
12.0	33.34	120	30.02	1008.92	102.72
12.5	34.73	120	31.27	1101.07	109.73
13.0	36.12	120	32.52	1197.54	116.94
13.5	37.51	120	33.77	1298.33	124.35
14.0	38.90	120	35.02	1403.44	131.96
14.5	40.29	120	36.27	1512.87	139.77
15.0	41.68	120	37.52	1626.62	147.78
15.5	43.07	120	38.77	1744.69	155.99
16.0	44.46	120	40.02	1867.08	164.40
16.5	45.85	120	41.27	1993.79	173.01
17.0	47.24	120	42.52	2124.82	181.82
17.5	48.63	120	43.77	2260.17	190.83
18.0	50.02	120	45.02	2400.84	199.94
18.5	51.41	120	46.27	2546.83	209.25
19.0	52.80	120	47.52	2698.14	218.76
19.5	54.19	120	48.77	2854.77	228.47
20.0	55.58	120	50.02	3016.72	238.38
20.5	56.97	120	51.27	3184.09	248.49
21.0	58.36	120	52.52	3356.88	258.80
21.5	59.75	120	53.77	3535.09	269.31
22.0	61.14	120	55.02	3718.72	280.02
22.5	62.53	120	56.27	3907.77	290.93
23.0	63.92	120	57.52	4102.24	302.04
23.5	65.31	120	58.77	4302.13	313.35
24.0	66.70	120	60.02	4507.44	324.86
24.5	68.09	120	61.27	4718.17	336.57
25.0	69.48	120	62.52	4934.32	348.48
25.5	70.87	120	63.77	5155.89	360.59
26.0	72.26	120	65.02	5382.88	372.90
26.5	73.65	120	66.27	5615.29	385.41
27.0	75.04	120	67.52	5853.12	398.12
27.5	76.43	120	68.77	6096.37	411.13
28.0	77.82	120	70.02	6345.04	424.34
28.5	79.21	120	71.27	6599.13	437.75
29.0	80.60	120	72.52	6858.64	451.36
29.5	81.99	120	73.77	7123.57	465.17
30.0	83.38	120	75.02	7393.92	479.18
30.5	84.77	120	76.27	7669.69	493.39
31.0	86.16	120	77.52	7950.88	507.80
31.5	87.55	120	78.77	8237.49	522.41
32.0	88.94	120	80.02	8529.62	537.22
32.5	90.33	120	81.27	8827.27	552.33
33.0	91.72	120	82.52	9130.44	567.64
33.5	93.11	120	83.77	9439.13	583.25
34.0	94.50	120	85.02	9753.34	599.06
34.5	95.89	120	86.27	10073.07	615.07
35.0	97.28	120	87.52	10398.32	631.28
35.5	98.67	120	88.77	10729.09	647.69
36.0	100.06	120	90.02	11065.38	664.30
36.5	101.45	120	91.27	11407.09	681.11
37.0	102.84	120	92.52	11754.22	698.12
37.5	104.23	120	93.77	12106.77	715.33
38.0	105.62	120	95.02	12464.74	732.74
38.5	107.01	120	96.27	12828.13	750.35
39.0	108.40	120	97.52	13196.94	768.16
39.5	109.79	120	98.77	13571.17	786.17
40.0	111.18	120	100.02	13951.82	804.38
40.5	112.57	120	101.27	14338.89	822.79
41.0	113.96	120	102.52	14732.38	841.40
41.5	115.35	120	103.77	15132.29	860.21
42.0	116.74	120	105.02	15538.62	879.22
42.5	118.13	120	106.27	15951.37	898.43
43.0	119.52	120	107.52	16370.54	917.84
43.5	120.91	120	108.77	16796.13	937.45
44.0	122.30	120	110.02	17228.14	957.26
44.5	123.69	120	111.27	17666.57	977.27
45.0	125.08	120	112.52	18111.42	997.48
45.5	126.47	120	113.77	18562.69	1017.89
46.0	127.86	120	115.02	19020.28	1038.50
46.5	129.25	120	116.27	19484.19	1059.31
47.0	130.64	120	117.52	19954.42	1080.32
47.5	132.03	120	118.77	20430.97	1101.53
48.0	133.42	120	120.02	20913.84	1122.94
48.5	134.81	120	121.27	21403.03	1144.55
49.0	136.20	120	122.52	21898.54	1166.36
49.5	137.59	120	123.77	22400.27	1188.37
50.0	138.98	120	125.02	22908.52	1210.58
50.5	140.37	120	126.27	23422.99	1232.99
51.0	141.76	120	127.52	23943.78	1255.60
51.5	143.15	120	128.77	24470.89	1278.41
52.0	144.54	120	130.02	25004.32	1301.42
52.5	145.93	120	131.27	25544.07	1324.63
53.0	147.32	120	132.52	26090.14	1348.04
53.5	148.71	120	133.77	26642.53	1371.65
54.0	150.10	120	135.02	27201.28	1395.46
54.5	151.49	120	136.27	27766.29	1419.47
55.0	152.88	120	137.52	28337.62	1443.68
55.5	154.27	120	138.77	28915.29	1468.09
56.0	155.66	120	140.02	29499.28	1492.70
56.5	157.05	120	141.27	30089.59	1517.51
57.0	158.44	120	142.52	30686.22	1542.52
57.5	159.83	120	143.77	31289.17	1567.73
58.0	161.22	120	145.02	31898.44	1593.14
58.5	162.61	120	146.27	32514.03	1618.75
59.0	164.00	120	147.52	33135.94	1644.56
59.5	165.39	120	148.77	33764.17	1670.57
60.0	166.78	120	150.02	34398.72	1696.78
60.5	168.17	120	151.27	35039.59	1723.19
61.0	169.56	120	152.52	35686.78	1749.80
61.5	170.95	120	153.77	36340.29	1776.61
62.0	172.34	120	155.02	37000.12	1803.62
62.5	173.73	120	156.27	37666.27	1830.83
63.0	175.12	120	157.52	38338.74	1858.24
63.5	176.51	120	158.77	39017.53	1885.85
64.0	177.90	120	160.02	39702.64	1913.66
64.5	179.29	120	161.27	40394.07	1941.67
65.0	180.68	120	162.52	41091.82	1969.88
65.5	182.07	120	163.77	41795.89	1998.29
66.0	183.46	120	165.02	42506.28	2026.90
66.5	184.85	120	166.27	43222.99	2055.71
67.0	186.24	120	167.52	43946.02	2084.72
67.5	187.63	120	168.77	44675.37	2113.93
68.0	189.02	120	170.02	45411.04	2143.34
68.5	190.41	120	171.27	46153.03	2172.95
69.0	191.80	120	172.52	46901.34	2202.76
69.5	193.19	120	173.77	47655.97	2232.77
70.0	194.58	120	175.02	48416.92	2262.98
70.5	195.97	120	176.27	49184.19	2293.39
71.0	197.36	120	177.52	49957.78	2324.00
71.5	198.75	120	178.77	50737.69	2354.81
72.0	200.14	120	180.02	51523.92	2385.82
72.5	201.53	120	181.27	52316.47	2417.03
73.0	202.92	120	182.52	53115.34	2448.44
73.5	204.31	120	183.77	53920.53	2479.95
74.0	205.70	120	185.02	54732.04	2511.66
74.5	207.09	120	186.27	55549.87	2543.57
75.0	208.48	120	187.52	56374.02	2575.68
75.5	209.87	120	188.77	57204.49	2607.99
76.0	211.26	120	190.02	58041.28	2640.50
76.5	212.65	120	191.27	58884.39	2673.21
77.0	214.04	120	192.52	59733.82	2706.12
77.5	215.43	120	193.77	60589.57	2739.23
78.0	216.82	120	195.02	61451.64	2772.54
78.5	218.21	120	196.27	62319.93	2806.05
79.0	219.60	120	197.52	63194.44	2839.76
79.5	220.99	120	198.77	64075.17	2873.67
80.0	222.38	120	200.02	64962.12	2907.78
80.5	223.77	120	201.27	65855.29	2942.09
81.0	225.16	120	202.52	66754.68	2976.60
81.5	226.55	120	203.77	67660.29	3011.31
82.0	227.94	120	205.02	68572.12	3046.22
82.5	229.33	120	206.27	69490.27	3081.33
83.0	230.72	120	207.52	70414.74	3116.64
83.5	232.11	120	208.77	71345.53	3152.15
84.0	233.50	120	210.02	72282.64	3187.86
84.5	234.89	120	211.27	73226.07	3223.77
85.0	236.28	120	212.52	74175.82	3259.88
85.5	237.67	120	213.77	75131.89	3296.19
86.0	239.06	120	215.02	76094.28	3332.70
86.5	240.45	120	216.27	77062.99	3369.41
87.0	241.84	120	217.52	78038.02	3406.32
87.5	243.23	120	218.77	79019.37	3443.43
88.0	244.62	120	220.02	79997.04	3480.74
88.5	246.01	120	221.27	80981.03	3518.25
89.0	247.40	120	222.52	81971.28	3555.96
89.5	248.79	120	223.77	82967.79	3593.87
90.0	250.18	120	225.02	83970.54	3631.98
90.5	251.57	120	226.27	84979.53	3670.29
91.0	252.96	120	227.52	85994.78	3708.80
91.5	254.35	120	228.77	87016.29	3747.51
92.0	255.74	120	230.02	88044.04	3786.42
92.5	257.13	120	231.27	89078.03	3825.53
93.0	258.52	120	232.52	90118.28	3864.84
93.5	259.91	120	233.77	91164.79	3904.35
94.0					

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General data

Product name	Resisto 1500 IP66 7600lm 840 5xTH
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4357063
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	7600
Fixture luminous flux (lm)	7600
Luminaire efficacy (lm/W)	138
Correlated colour temperature (k)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	55
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	16
Inrush Duration (µs)	40
Energy Efficiency Class (A->G) of contained light source	D
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 - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	69000
Lifespan L90 B10	31000

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Physical data

Housing colour	Grey
IP rating	IP66
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	2.18

Packaging

Product EAN number	5410288102528
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288102528
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

Safety data

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