

Resisto 1500 IP66 7600lm 865

Item No: 0010247



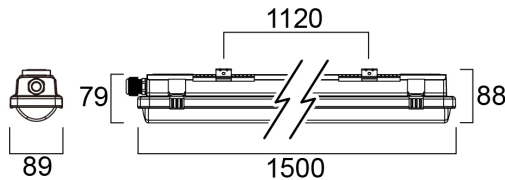
PRO



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; 6500K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	1.39	120	1.39	1.91	10137
1.0	2.77	120	2.77	7.64	2534
1.5	4.16	120	4.16	17.2	1126
2.0	5.55	120	5.55	30.7	634
2.5	6.93	120	6.93	47.9	405
3.0	8.32	120	8.32	69.1	282
3.5	9.71	120	9.71	94.2	213
4.0	11.10	120	11.10	123.6	158
4.5	12.49	120	12.49	157.3	119
5.0	13.88	120	13.88	195.4	93
5.5	15.27	120	15.27	237.9	73
6.0	16.66	120	16.66	284.8	60
6.5	18.05	120	18.05	336.1	51
7.0	19.44	120	19.44	391.8	44
7.5	20.83	120	20.83	451.9	39
8.0	22.22	120	22.22	516.5	35
8.5	23.61	120	23.61	585.6	32
9.0	25.00	120	25.00	659.3	29
9.5	26.39	120	26.39	737.6	27
10.0	27.78	120	27.78	820.6	25
10.5	29.17	120	29.17	908.3	23
11.0	30.56	120	30.56	1000.7	21
11.5	31.95	120	31.95	1107.9	20
12.0	33.34	120	33.34	1229.9	18
12.5	34.73	120	34.73	1356.7	17
13.0	36.12	120	36.12	1488.3	16
13.5	37.51	120	37.51	1624.7	15
14.0	38.90	120	38.90	1766.0	14
14.5	40.29	120	40.29	1912.2	13
15.0	41.68	120	41.68	2063.3	12
15.5	43.07	120	43.07	2219.4	11
16.0	44.46	120	44.46	2380.5	10
16.5	45.85	120	45.85	2546.6	9
17.0	47.24	120	47.24	2717.7	8
17.5	48.63	120	48.63	2893.8	8
18.0	50.02	120	50.02	3074.9	7
18.5	51.41	120	51.41	3261.0	7
19.0	52.80	120	52.80	3452.1	6
19.5	54.19	120	54.19	3648.2	6
20.0	55.58	120	55.58	3849.3	5
20.5	56.97	120	56.97	4055.4	5
21.0	58.36	120	58.36	4266.5	4
21.5	59.75	120	59.75	4482.6	4
22.0	61.14	120	61.14	4703.7	4
22.5	62.53	120	62.53	4929.8	3
23.0	63.92	120	63.92	5160.9	3
23.5	65.31	120	65.31	5397.0	3
24.0	66.70	120	66.70	5638.1	3
24.5	68.09	120	68.09	5884.2	2
25.0	69.48	120	69.48	6135.3	2
25.5	70.87	120	70.87	6391.4	2
26.0	72.26	120	72.26	6652.5	2
26.5	73.65	120	73.65	6918.6	2
27.0	75.04	120	75.04	7189.7	1
27.5	76.43	120	76.43	7465.8	1
28.0	77.82	120	77.82	7746.9	1
28.5	79.21	120	79.21	8033.0	1
29.0	80.60	120	80.60	8324.1	1
29.5	81.99	120	81.99	8620.2	1
30.0	83.38	120	83.38	8921.3	1
30.5	84.77	120	84.77	9227.4	1
31.0	86.16	120	86.16	9538.5	1
31.5	87.55	120	87.55	9854.6	1
32.0	88.94	120	88.94	10175.7	1
32.5	90.33	120	90.33	10501.8	1
33.0	91.72	120	91.72	10832.9	1
33.5	93.11	120	93.11	11169.0	1
34.0	94.50	120	94.50	11510.1	1
34.5	95.89	120	95.89	11856.2	1
35.0	97.28	120	97.28	12207.3	1
35.5	98.67	120	98.67	12563.4	1
36.0	100.06	120	100.06	12924.5	1
36.5	101.45	120	101.45	13290.6	1
37.0	102.84	120	102.84	13661.7	1
37.5	104.23	120	104.23	14037.8	1
38.0	105.62	120	105.62	14418.9	1
38.5	107.01	120	107.01	14805.0	1
39.0	108.40	120	108.40	15196.1	1
39.5	109.79	120	109.79	15592.2	1
40.0	111.18	120	111.18	15993.3	1
40.5	112.57	120	112.57	16399.4	1
41.0	113.96	120	113.96	16810.5	1
41.5	115.35	120	115.35	17226.6	1
42.0	116.74	120	116.74	17647.7	1
42.5	118.13	120	118.13	18073.8	1
43.0	119.52	120	119.52	18504.9	1
43.5	120.91	120	120.91	18941.0	1
44.0	122.30	120	122.30	19382.1	1
44.5	123.69	120	123.69	19828.2	1
45.0	125.08	120	125.08	20279.3	1
45.5	126.47	120	126.47	20735.4	1
46.0	127.86	120	127.86	21196.5	1
46.5	129.25	120	129.25	21662.6	1
47.0	130.64	120	130.64	22133.7	1
47.5	132.03	120	132.03	22609.8	1
48.0	133.42	120	133.42	23090.9	1
48.5	134.81	120	134.81	23577.0	1
49.0	136.20	120	136.20	24068.1	1
49.5	137.59	120	137.59	24564.2	1
50.0	138.98	120	138.98	25065.3	1
50.5	140.37	120	140.37	25571.4	1
51.0	141.76	120	141.76	26082.5	1
51.5	143.15	120	143.15	26598.6	1
52.0	144.54	120	144.54	27119.7	1
52.5	145.93	120	145.93	27645.8	1
53.0	147.32	120	147.32	28176.9	1
53.5	148.71	120	148.71	28713.0	1
54.0	150.10	120	150.10	29254.1	1
54.5	151.49	120	151.49	29800.2	1
55.0	152.88	120	152.88	30351.3	1
55.5	154.27	120	154.27	30907.4	1
56.0	155.66	120	155.66	31468.5	1
56.5	157.05	120	157.05	32034.6	1
57.0	158.44	120	158.44	32605.7	1
57.5	159.83	120	159.83	33181.8	1
58.0	161.22	120	161.22	33762.9	1
58.5	162.61	120	162.61	34349.0	1
59.0	164.00	120	164.00	34940.1	1
59.5	165.39	120	165.39	35536.2	1
60.0	166.78	120	166.78	36137.3	1
60.5	168.17	120	168.17	36743.4	1
61.0	169.56	120	169.56	37354.5	1
61.5	170.95	120	170.95	37970.6	1
62.0	172.34	120	172.34	38591.7	1
62.5	173.73	120	173.73	39217.8	1
63.0	175.12	120	175.12	39848.9	1
63.5	176.51	120	176.51	40485.0	1
64.0	177.90	120	177.90	41126.1	1
64.5	179.29	120	179.29	41772.2	1
65.0	180.68	120	180.68	42423.3	1
65.5	182.07	120	182.07	43079.4	1
66.0	183.46	120	183.46	43740.5	1
66.5	184.85	120	184.85	44406.6	1
67.0	186.24	120	186.24	45077.7	1
67.5	187.63	120	187.63	45753.8	1
68.0	189.02	120	189.02	46434.9	1
68.5	190.41	120	190.41	47121.0	1
69.0	191.80	120	191.80	47812.1	1
69.5	193.19	120	193.19	48508.2	1
70.0	194.58	120	194.58	49209.3	1
70.5	195.97	120	195.97	49915.4	1
71.0	197.36	120	197.36	50626.5	1
71.5	198.75	120	198.75	51342.6	1
72.0	200.14	120	200.14	52063.7	1
72.5	201.53	120	201.53	52789.8	1
73.0	202.92	120	202.92	53520.9	1
73.5	204.31	120	204.31	54257.0	1
74.0	205.70	120	205.70	54998.1	1
74.5	207.09	120	207.09	55744.2	1
75.0	208.48	120	208.48	56495.3	1
75.5	209.87	120	209.87	57251.4	1
76.0	211.26	120	211.26	58012.5	1
76.5	212.65	120	212.65	58778.6	1
77.0	214.04	120	214.04	59549.7	1
77.5	215.43	120	215.43	60325.8	1
78.0	216.82	120	216.82	61106.9	1
78.5	218.21	120	218.21	61893.0	1
79.0	219.60	120	219.60	62684.1	1
79.5	220.99	120	220.99	63480.2	1
80.0	222.38	120	222.38	64281.3	1
80.5	223.77	120	223.77	65087.4	1
81.0	225.16	120	225.16	65898.5	1
81.5	226.55	120	226.55	66714.6	1
82.0	227.94	120	227.94	67535.7	1
82.5	229.33	120	229.33	68361.8	1
83.0	230.72	120	230.72	69192.9	1
83.5	232.11	120	232.11	70029.0	1
84.0	233.50	120	233.50	70870.1	1
84.5	234.89	120	234.89	71716.2	1
85.0	236.28	120	236.28	72567.3	1
85.5	237.67	120	237.67	73423.4	1
86.0	239.06	120	239.06	74284.5	1
86.5	240.45	120	240.45	75150.6	1
87.0	241.84	120	241.84	76021.7	1
87.5	243.23	120	243.23	76897.8	1
88.0	244.62	120	244.62	77778.9	1
88.5	246.01	120	246.01	78665.0	1
89.0	247.40	120	247.40	79556.1	1
89.5	248.79	120	248.79	80452.2	1
90.0	250.18	120	250.18	81353.3	1
90.5	251.57	120	251.57	82259.4	1
91.0	252.96	120	252.96	83170.5	1
91.5	254.35	120	254.35	84086.6	1
92.0	255.74	120	255.74	85007.7	1
92.5	257.13	120	257.13	85933.8	1
93.0	258.52	120	258.52	86864.9	1
93.5	259.91	120	259.91	87801.0	1
94.0	261.30	120	261.30	88742.1	1
94.5	262.69	120	262.69	89688.2	1
95.0	264.08	120	264.08	90639.3	1
95.5	265.47	120	265.47	91595.4	1
96.0	266.86	120	266.86	92556.5	1
96.5	268.25	120	268.25	93522.6	1
97.0	269.64	120	269.64	94493.7	1

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General data

Product name	Resisto 1500 IP66 7600lm 865
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	4357060
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	7600
Fixture luminous flux (lm)	7600
Luminaire efficacy (lm/W)	138
Correlated colour temperature (k)	6500
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
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	0.95
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)	1.95

Packaging

Product EAN number	5410288102474
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288102474
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