

Resisto 1200 IP66 2800lm 865

Item No: 0010212



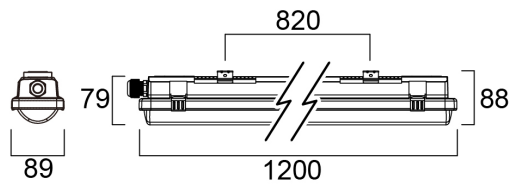
PRO



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. 2800lm; 20W; 140lm/W; 6500K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Half beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam illuminance [lx]
0.5	1.30	1.38	1.30	1.08	3881
1.0	2.61	2.75	2.61	4.32	920
1.5	3.91	4.13	3.91	15.28	409
2.0	5.21	5.51	5.21	27.17	280
2.5	6.52	6.88	6.52	40.82	187
3.0	7.82	8.26	7.82	60.82	152
3.5	9.12	9.64	9.12	82.82	127
4.0	10.42	11.02	10.42	108.82	107
4.5	11.72	12.40	11.72	138.82	91
5.0	13.02	13.78	13.02	172.82	79
5.5	14.32	15.16	14.32	210.82	70
6.0	15.62	16.54	15.62	252.82	63
6.5	16.92	17.92	16.92	300.82	57
7.0	18.22	19.30	18.22	352.82	52
7.5	19.52	20.68	19.52	408.82	48
8.0	20.82	22.06	20.82	468.82	45
8.5	22.12	23.44	22.12	532.82	42
9.0	23.42	24.82	23.42	600.82	40
9.5	24.72	26.20	24.72	672.82	38
10.0	26.02	27.58	26.02	748.82	36
10.5	27.32	28.96	27.32	828.82	34
11.0	28.62	30.34	28.62	912.82	32
11.5	29.92	31.72	29.92	1000.82	30
12.0	31.22	33.10	31.22	1092.82	28
12.5	32.52	34.48	32.52	1188.82	26
13.0	33.82	35.86	33.82	1288.82	24
13.5	35.12	37.24	35.12	1392.82	22
14.0	36.42	38.62	36.42	1500.82	20
14.5	37.72	40.00	37.72	1612.82	18
15.0	39.02	41.38	39.02	1728.82	16
15.5	40.32	42.76	40.32	1848.82	14
16.0	41.62	44.14	41.62	1972.82	12
16.5	42.92	45.52	42.92	2100.82	10
17.0	44.22	46.90	44.22	2232.82	8
17.5	45.52	48.28	45.52	2368.82	6
18.0	46.82	49.66	46.82	2508.82	4
18.5	48.12	51.04	48.12	2652.82	2
19.0	49.42	52.42	49.42	2800.82	1
19.5	50.72	53.80	50.72	2952.82	0.5
20.0	52.02	55.18	52.02	3108.82	0.25
20.5	53.32	56.56	53.32	3268.82	0.12
21.0	54.62	57.94	54.62	3432.82	0.06
21.5	55.92	59.32	55.92	3600.82	0.03
22.0	57.22	60.70	57.22	3772.82	0.01
22.5	58.52	62.08	58.52	3948.82	0.005
23.0	59.82	63.46	59.82	4128.82	0.002
23.5	61.12	64.84	61.12	4312.82	0.001
24.0	62.42	66.22	62.42	4500.82	0.0005
24.5	63.72	67.60	63.72	4692.82	0.0002
25.0	65.02	68.98	65.02	4888.82	0.0001
25.5	66.32	70.36	66.32	5088.82	0.00005
26.0	67.62	71.74	67.62	5292.82	0.00002
26.5	68.92	73.12	68.92	5500.82	0.00001
27.0	70.22	74.50	70.22	5712.82	0.000005
27.5	71.52	75.88	71.52	5928.82	0.000002
28.0	72.82	77.26	72.82	6148.82	0.000001
28.5	74.12	78.64	74.12	6372.82	0.0000005
29.0	75.42	80.02	75.42	6600.82	0.0000002
29.5	76.72	81.40	76.72	6832.82	0.0000001
30.0	78.02	82.78	78.02	7068.82	0.00000005
30.5	79.32	84.16	79.32	7308.82	0.00000002
31.0	80.62	85.54	80.62	7552.82	0.00000001
31.5	81.92	86.92	81.92	7800.82	0.000000005
32.0	83.22	88.30	83.22	8052.82	0.000000002
32.5	84.52	89.68	84.52	8308.82	0.000000001
33.0	85.82	91.06	85.82	8568.82	0.0000000005
33.5	87.12	92.44	87.12	8832.82	0.0000000002
34.0	88.42	93.82	88.42	9100.82	0.0000000001
34.5	89.72	95.20	89.72	9372.82	0.00000000005
35.0	91.02	96.58	91.02	9648.82	0.00000000002
35.5	92.32	97.96	92.32	9928.82	0.00000000001
36.0	93.62	99.34	93.62	10212.82	0.000000000005
36.5	94.92	100.72	94.92	10500.82	0.000000000002
37.0	96.22	102.10	96.22	10792.82	0.000000000001
37.5	97.52	103.48	97.52	11088.82	0.0000000000005
38.0	98.82	104.86	98.82	11388.82	0.0000000000002
38.5	100.12	106.24	100.12	11692.82	0.0000000000001
39.0	101.42	107.62	101.42	12000.82	0.00000000000005
39.5	102.72	109.00	102.72	12312.82	0.00000000000002
40.0	104.02	110.38	104.02	12628.82	0.00000000000001
40.5	105.32	111.76	105.32	12948.82	0.000000000000005
41.0	106.62	113.14	106.62	13272.82	0.000000000000002
41.5	107.92	114.52	107.92	13600.82	0.000000000000001
42.0	109.22	115.90	109.22	13932.82	0.0000000000000005
42.5	110.52	117.28	110.52	14268.82	0.0000000000000002
43.0	111.82	118.66	111.82	14608.82	0.0000000000000001
43.5	113.12	120.04	113.12	14952.82	0.00000000000000005
44.0	114.42	121.42	114.42	15300.82	0.00000000000000002
44.5	115.72	122.80	115.72	15652.82	0.00000000000000001
45.0	117.02	124.18	117.02	16008.82	0.000000000000000005
45.5	118.32	125.56	118.32	16368.82	0.000000000000000002
46.0	119.62	126.94	119.62	16732.82	0.000000000000000001
46.5	120.92	128.32	120.92	17100.82	0.0000000000000000005
47.0	122.22	129.70	122.22	17472.82	0.0000000000000000002
47.5	123.52	131.08	123.52	17848.82	0.0000000000000000001
48.0	124.82	132.46	124.82	18228.82	0.00000000000000000005
48.5	126.12	133.84	126.12	18612.82	0.00000000000000000002
49.0	127.42	135.22	127.42	19000.82	0.00000000000000000001
49.5	128.72	136.60	128.72	19392.82	0.000000000000000000005
50.0	130.02	137.98	130.02	19788.82	0.000000000000000000002
50.5	131.32	139.36	131.32	20188.82	0.000000000000000000001
51.0	132.62	140.74	132.62	20592.82	0.0000000000000000000005
51.5	133.92	142.12	133.92	21000.82	0.0000000000000000000002
52.0	135.22	143.50	135.22	21412.82	0.0000000000000000000001
52.5	136.52	144.88	136.52	21828.82	0.00000000000000000000005
53.0	137.82	146.26	137.82	22248.82	0.00000000000000000000002
53.5	139.12	147.64	139.12	22672.82	0.00000000000000000000001
54.0	140.42	149.02	140.42	23100.82	0.000000000000000000000005
54.5	141.72	150.40	141.72	23532.82	0.000000000000000000000002
55.0	143.02	151.78	143.02	23968.82	0.000000000000000000000001
55.5	144.32	153.16	144.32	24408.82	0.0000000000000000000000005
56.0	145.62	154.54	145.62	24852.82	0.0000000000000000000000002
56.5	146.92	155.92	146.92	25300.82	0.0000000000000000000000001
57.0	148.22	157.30	148.22	25752.82	0.00000000000000000000000005
57.5	149.52	158.68	149.52	26208.82	0.00000000000000000000000002
58.0	150.82	160.06	150.82	26668.82	0.00000000000000000000000001
58.5	152.12	161.44	152.12	27132.82	0.000000000000000000000000005
59.0	153.42	162.82	153.42	27600.82	0.000000000000000000000000002
59.5	154.72	164.20	154.72	28072.82	0.000000000000000000000000001
60.0	156.02	165.58	156.02	28548.82	0.0000000000000000000000000005
60.5	157.32	166.96	157.32	29028.82	0.0000000000000000000000000002
61.0	158.62	168.34	158.62	29512.82	0.0000000000000000000000000001
61.5	159.92	169.72	159.92	30000.82	0.00000000000000000000000000005
62.0	161.22	171.10	161.22	30492.82	0.00000000000000000000000000002
62.5	162.52	172.48	162.52	30988.82	0.00000000000000000000000000001
63.0	163.82	173.86	163.82	31488.82	0.000000000000000000000000000005
63.5	165.12	175.24	165.12	31992.82	0.000000000000000000000000000002
64.0	166.42	176.62	166.42	32500.82	0.000000000000000000000000000001
64.5	167.72	178.00	167.72	33012.82	0.0000000000000000000000000000005
65.0	169.02	179.38	169.02	33528.82	0.0000000000000000000000000000002
65.5	170.32	180.76	170.32	34048.82	0.0000000000000000000000000000001
66.0	171.62	182.14	171.62	34572.82	0.00000000000000000000000000000005
66.5	172.92	183.52	172.92	35100.82	0.00000000000000000000000000000002
67.0	174.22	184.90	174.22	35632.82	0.00000000000000000000000000000001
67.5	175.52	186.28	175.52	36168.82	0.000000000000000000000000000000005
68.0	176.82	187.66	176.82	36708.82	0.000000000000000000000000000000002
68.5	178.12	189.04	178.12	37252.82	0.000000000000000000000000000000001
69.0	179.42	190.42	179.42	37800.82	0.0000000000000000000000000000000005
69.5	180.72	191.80	180.72	38352.82	0.0000000000000000000000000000000002
70.0	182.02	193.18	182.02	38908.82	0.0000000000000000000000000000000001
70.5	183.32	194.56	183.32	39468.82	0.00000000000000000000000000000000005
71.0	184.62	195.94	184.62	40032.82	0.00000000000000000000000000000000002
71.5	185.92	197.32	185.92	40600.82	0.00000000000000000000000000000000001
72.0	187.22	198.70	187.22	41172.82	0.000000000000000000000000000000000005
72.5	188.52	200.08	188.52	41748.82	0.000000000000000000000000000000000002
73.0	189.82	201.46	189.82	42328.82	0.000000000000000000000000000000000001
73.5	191.12	202.84	191.12	42912.82	0.0000000000000000000000000000000000005
74.0	192.42	204.22	192.42	43500.82	0.0000000000000000000000000000000000002
74.5	193.72	205.60	193.72	44092.82	0.0000000000000000000000000000000000001
75.0	195.02	206.98	195.02	44688.	0.00000000000000000000000000000000000005

Resisto 1200 IP66 2800lm 865

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General data

Product name	Resisto 1200 IP66 2800lm 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	4357044
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	2800
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	140
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	< 22
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	20
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)	6.1
Inrush Duration (µs)	18
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	79
Max. products per 16A C Breaker	97
Max. products per 20A C Breaker	121
Max. products per 10A B Breaker	60
Max. products per 13A B Breaker	79
Max. products per 16A B Breaker	97
Max. products per 20A B Breaker	121
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)	1200
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.5

Packaging

Product EAN number	5410288102122
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288102122
Units per outer package	1
Packaging outer length / height (cm)	120.5
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