

Resisto 1200 IP66 5000lm 840

Item No: 0010211



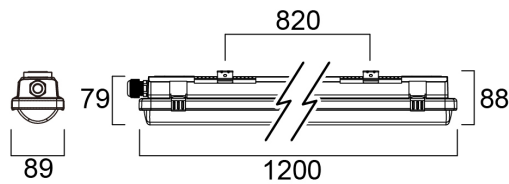
PRO



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. 5050lm; 36W; 140lm/W; 4000K; 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]	Illuminance [lx]
0.5	1.32	1.35	1.32	1.32	6871
1.0	2.63	2.69	2.63	6.91	1688
1.5	3.95	4.04	3.95	15.61	741
2.0	5.27	5.39	5.27	27.57	417
2.5	6.59	6.73	6.59	43.14	287
3.0	7.90	8.08	7.90	62.83	185
3.5	9.22	9.13	9.22	84.84	122
4.0	10.54	10.18	10.54	109.14	85
4.5	11.86	11.23	11.86	135.84	62
5.0	13.18	12.28	13.18	164.94	48
5.5	14.50	13.33	14.50	196.44	38
6.0	15.82	14.38	15.82	230.34	30
6.5	17.14	15.43	17.14	266.64	24
7.0	18.46	16.48	18.46	305.34	19
7.5	19.78	17.53	19.78	347.44	15
8.0	21.10	18.58	21.10	392.94	12
8.5	22.42	19.63	22.42	441.84	9
9.0	23.74	20.68	23.74	494.14	7
9.5	25.06	21.73	25.06	549.84	5
10.0	26.38	22.78	26.38	608.94	4
10.5	27.70	23.83	27.70	671.44	3
11.0	29.02	24.88	29.02	737.34	2
11.5	30.34	25.93	30.34	806.64	1.5
12.0	31.66	26.98	31.66	879.34	1.1
12.5	32.98	28.03	32.98	955.44	0.8
13.0	34.30	29.08	34.30	1034.94	0.6
13.5	35.62	30.13	35.62	1117.84	0.5
14.0	36.94	31.18	36.94	1204.14	0.4
14.5	38.26	32.23	38.26	1293.84	0.3
15.0	39.58	33.28	39.58	1386.94	0.2
15.5	40.90	34.33	40.90	1483.44	0.15
16.0	42.22	35.38	42.22	1583.34	0.11
16.5	43.54	36.43	43.54	1686.64	0.08
17.0	44.86	37.48	44.86	1793.34	0.06
17.5	46.18	38.53	46.18	1903.44	0.04
18.0	47.50	39.58	47.50	2016.94	0.03
18.5	48.82	40.63	48.82	2133.84	0.02
19.0	50.14	41.68	50.14	2254.14	0.01
19.5	51.46	42.73	51.46	2377.84	0.01
20.0	52.78	43.78	52.78	2504.94	0.005
20.5	54.10	44.83	54.10	2635.44	0.003
21.0	55.42	45.88	55.42	2769.34	0.002
21.5	56.74	46.93	56.74	2906.64	0.001
22.0	58.06	47.98	58.06	3047.34	0.0005
22.5	59.38	49.03	59.38	3191.44	0.0003
23.0	60.70	50.08	60.70	3338.94	0.0002
23.5	62.02	51.13	62.02	3489.84	0.0001
24.0	63.34	52.18	63.34	3644.14	0.00005
24.5	64.66	53.23	64.66	3801.84	0.00003
25.0	65.98	54.28	65.98	3962.94	0.00002
25.5	67.30	55.33	67.30	4127.44	0.00001
26.0	68.62	56.38	68.62	4295.34	0.000005
26.5	69.94	57.43	69.94	4466.64	0.000003
27.0	71.26	58.48	71.26	4641.34	0.000002
27.5	72.58	59.53	72.58	4819.44	0.000001
28.0	73.90	60.58	73.90	5000.94	0.0000005
28.5	75.22	61.63	75.22	5185.84	0.0000003
29.0	76.54	62.68	76.54	5374.14	0.0000002
29.5	77.86	63.73	77.86	5565.84	0.0000001
30.0	79.18	64.78	79.18	5760.94	0.00000005
30.5	80.50	65.83	80.50	5959.44	0.00000003
31.0	81.82	66.88	81.82	6161.34	0.00000002
31.5	83.14	67.93	83.14	6366.64	0.00000001
32.0	84.46	68.98	84.46	6575.34	0.000000005
32.5	85.78	70.03	85.78	6787.44	0.000000003
33.0	87.10	71.08	87.10	6992.94	0.000000002
33.5	88.42	72.13	88.42	7201.84	0.000000001
34.0	89.74	73.18	89.74	7414.14	0.0000000005
34.5	91.06	74.23	91.06	7629.84	0.0000000003
35.0	92.38	75.28	92.38	7848.94	0.0000000002
35.5	93.70	76.33	93.70	8071.44	0.0000000001
36.0	95.02	77.38	95.02	8297.34	0.00000000005
36.5	96.34	78.43	96.34	8526.64	0.00000000003
37.0	97.66	79.48	97.66	8759.34	0.00000000002
37.5	98.98	80.53	98.98	8995.44	0.00000000001
38.0	100.30	81.58	100.30	9234.94	0.000000000005
38.5	101.62	82.63	101.62	9477.84	0.000000000003
39.0	102.94	83.68	102.94	9724.14	0.000000000002
39.5	104.26	84.73	104.26	9973.84	0.000000000001
40.0	105.58	85.78	105.58	10226.94	0.0000000000005
40.5	106.90	86.83	106.90	10483.44	0.0000000000003
41.0	108.22	87.88	108.22	10743.34	0.0000000000002
41.5	109.54	88.93	109.54	11006.64	0.0000000000001
42.0	110.86	89.98	110.86	11273.34	0.00000000000005
42.5	112.18	91.03	112.18	11543.44	0.00000000000003
43.0	113.50	92.08	113.50	11816.94	0.00000000000002
43.5	114.82	93.13	114.82	12093.84	0.00000000000001
44.0	116.14	94.18	116.14	12374.14	0.000000000000005
44.5	117.46	95.23	117.46	12657.84	0.000000000000003
45.0	118.78	96.28	118.78	12944.94	0.000000000000002
45.5	120.10	97.33	120.10	13235.34	0.000000000000001
46.0	121.42	98.38	121.42	13529.34	0.0000000000000005
46.5	122.74	99.43	122.74	13826.84	0.0000000000000003
47.0	124.06	100.48	124.06	14127.84	0.0000000000000002
47.5	125.38	101.53	125.38	14432.34	0.0000000000000001
48.0	126.70	102.58	126.70	14740.34	0.00000000000000005
48.5	128.02	103.63	128.02	15051.84	0.00000000000000003
49.0	129.34	104.68	129.34	15366.84	0.00000000000000002
49.5	130.66	105.73	130.66	15685.34	0.00000000000000001
50.0	131.98	106.78	131.98	16007.34	0.000000000000000005
50.5	133.30	107.83	133.30	16332.84	0.000000000000000003
51.0	134.62	108.88	134.62	16661.84	0.000000000000000002
51.5	135.94	109.93	135.94	16994.34	0.000000000000000001
52.0	137.26	110.98	137.26	17330.34	0.0000000000000000005
52.5	138.58	112.03	138.58	17669.84	0.0000000000000000003
53.0	139.90	113.08	139.90	18012.84	0.0000000000000000002
53.5	141.22	114.13	141.22	18359.34	0.0000000000000000001
54.0	142.54	115.18	142.54	18709.34	0.00000000000000000005
54.5	143.86	116.23	143.86	19062.84	0.00000000000000000003
55.0	145.18	117.28	145.18	19419.84	0.00000000000000000002
55.5	146.50	118.33	146.50	19780.34	0.00000000000000000001
56.0	147.82	119.38	147.82	20144.34	0.000000000000000000005
56.5	149.14	120.43	149.14	20511.84	0.000000000000000000003
57.0	150.46	121.48	150.46	20882.84	0.000000000000000000002
57.5	151.78	122.53	151.78	21257.34	0.000000000000000000001
58.0	153.10	123.58	153.10	21635.34	0.0000000000000000000005
58.5	154.42	124.63	154.42	22016.84	0.0000000000000000000003
59.0	155.74	125.68	155.74	22401.84	0.0000000000000000000002
59.5	157.06	126.73	157.06	22790.34	0.0000000000000000000001
60.0	158.38	127.78	158.38	23182.34	0.00000000000000000000005
60.5	159.70	128.83	159.70	23577.84	0.00000000000000000000003
61.0	161.02	129.88	161.02	23976.84	0.00000000000000000000002
61.5	162.34	130.93	162.34	24379.34	0.00000000000000000000001
62.0	163.66	131.98	163.66	24785.34	0.000000000000000000000005
62.5	164.98	133.03	164.98	25194.84	0.000000000000000000000003
63.0	166.30	134.08	166.30	25607.84	0.000000000000000000000002
63.5	167.62	135.13	167.62	26024.34	0.000000000000000000000001
64.0	168.94	136.18	168.94	26444.34	0.0000000000000000000000005
64.5	170.26	137.23	170.26	26867.84	0.0000000000000000000000003
65.0	171.58	138.28	171.58	27294.84	0.0000000000000000000000002
65.5	172.90	139.33	172.90	27725.34	0.0000000000000000000000001
66.0	174.22	140.38	174.22	28159.34	0.00000000000000000000000005
66.5	175.54	141.43	175.54	28596.84	0.00000000000000000000000003
67.0	176.86	142.48	176.86	29037.84	0.00000000000000000000000002
67.5	178.18	143.53	178.18	29482.34	0.00000000000000000000000001
68.0	179.50	144.58	179.50	29930.34	0.000000000000000000000000005
68.5	180.82	145.63	180.82	30381.84	0.000000000000000000000000003
69.0	182.14	146.68	182.14	30836.84	0.000000000000000000000000002
69.5	183.46	147.73	183.46	31295.34	0.000000000000000000000000001
70.0	184.78	148.78	184.78	31757.34	0.0000000000000000000000000005
70.5	186.10	149.83	186.10	32222.84	0.0000000000000000000000000003
71.0	187.42	150.88	187.42	32691.84	0.0000000000000000000000000002
71.5	188.74	151.93	188.74	33164.34	0.0000000000000000000000000001
72.0	190.06	152.98	190.06	33640.34	0.00000000000000000000000000005
72.5	191.38	154.03	191.38	34119.84	0.00000000000000000000000000003
73.0	192.70	155.08	192.70	34602.84	0.00000000000000000000000000002
73.5	194.02	156.13	194.02	35089.34	0.00000000000000000000000000001
74.0	195.34	157.18	195.34	35579.34	0.000000000000000000000000000005
74.5	196.66	158.23	196.66	36072.84	0.000000000000000000000000000003
75.0	197.98	159.28	197.98	36569.84	0.000000000000000000000000000002
75.5	199.30	160.33	199.30	37070.34	0.000000000000000000000000000001
76.0	200.62	161.38	200.62	37574.34	0.0000000000000000000000000000005
76.5	201.94	162.43	201.94	38081.84	0.0000000000000000000000000000003

Resisto 1200 IP66 5000lm 840

Item No: 0010211



General data

Product name	Resisto 1200 IP66 5000lm 840
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	4357043
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	5050
Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	36
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)	5.5
Inrush Duration (µs)	20
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	41
Max. products per 13A C Breaker	53
Max. products per 16A C Breaker	65
Max. products per 20A C Breaker	82
Max. products per 10A B Breaker	41
Max. products per 13A B Breaker	53
Max. products per 16A B Breaker	65
Max. products per 20A B Breaker	82
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

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

Resisto 1200 IP66 5000lm 840

Item No: 0010211



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)	1.32

Packaging

Product EAN number	5410288102115
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288102112
Units per outer package	6
Packaging outer length / height (cm)	126.8
Packaging outer width (cm)	33.5
Packaging outer depth (cm)	20.1

Safety data

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