

Resisto 1200 IP66 MW 5000lm 840

Item No: 0010221



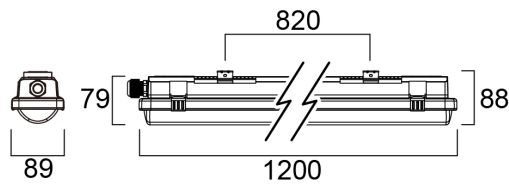
PRO



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; MW On/Off.

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	9871
1.0	2.63	2.69	2.63	6.91	1988
1.5	3.95	4.04	3.95	15.6	741
2.0	5.27	5.39	5.27	27.5	417
2.5	6.59	6.73	6.59	43.2	287
3.0	7.90	8.08	7.90	62.4	198
3.5	9.22	9.13	9.22	84.4	141
4.0	10.54	10.18	10.54	109.0	105
4.5	11.86	11.23	11.86	136.1	80
5.0	13.18	12.28	13.18	165.8	60
5.5	14.50	13.33	14.50	208.1	45
6.0	15.82	14.38	15.82	263.0	35
6.5	17.14	15.43	17.14	330.6	27
7.0	18.46	16.48	18.46	411.9	20
7.5	19.78	17.53	19.78	507.0	15
8.0	21.10	18.58	21.10	616.0	11
8.5	22.42	19.63	22.42	739.0	8
9.0	23.74	20.68	23.74	876.0	6
9.5	25.06	21.73	25.06	1028.0	5
10.0	26.38	22.78	26.38	1195.0	4
10.5	27.70	23.83	27.70	1378.0	3
11.0	29.02	24.88	29.02	1577.0	2
11.5	30.34	25.93	30.34	1792.0	1.5
12.0	31.66	26.98	31.66	2024.0	1.1
12.5	32.98	28.03	32.98	2283.0	0.8
13.0	34.30	29.08	34.30	2560.0	0.6
13.5	35.62	30.13	35.62	2865.0	0.4
14.0	36.94	31.18	36.94	3199.0	0.3
14.5	38.26	32.23	38.26	3562.0	0.2
15.0	39.58	33.28	39.58	3955.0	0.15
15.5	40.90	34.33	40.90	4379.0	0.11
16.0	42.22	35.38	42.22	4834.0	0.08
16.5	43.54	36.43	43.54	5321.0	0.06
17.0	44.86	37.48	44.86	5841.0	0.04
17.5	46.18	38.53	46.18	6394.0	0.03
18.0	47.50	39.58	47.50	6981.0	0.02
18.5	48.82	40.63	48.82	7603.0	0.015
19.0	50.14	41.68	50.14	8260.0	0.01
19.5	51.46	42.73	51.46	8953.0	0.007
20.0	52.78	43.78	52.78	9692.0	0.005
20.5	54.10	44.83	54.10	10478.0	0.003
21.0	55.42	45.88	55.42	11311.0	0.002
21.5	56.74	46.93	56.74	12193.0	0.0015
22.0	58.06	47.98	58.06	13125.0	0.001
22.5	59.38	49.03	59.38	14107.0	0.0007
23.0	60.70	50.08	60.70	15140.0	0.0005
23.5	62.02	51.13	62.02	16224.0	0.0003
24.0	63.34	52.18	63.34	17360.0	0.0002
24.5	64.66	53.23	64.66	18548.0	0.00015
25.0	65.98	54.28	65.98	19789.0	0.0001
25.5	67.30	55.33	67.30	21083.0	0.00007
26.0	68.62	56.38	68.62	22431.0	0.00005
26.5	69.94	57.43	69.94	23834.0	0.00003
27.0	71.26	58.48	71.26	25293.0	0.00002
27.5	72.58	59.53	72.58	26808.0	0.000015
28.0	73.90	60.58	73.90	28380.0	0.00001
28.5	75.22	61.63	75.22	29999.0	0.000007
29.0	76.54	62.68	76.54	31667.0	0.000005
29.5	77.86	63.73	77.86	33384.0	0.000003
30.0	79.18	64.78	79.18	35151.0	0.000002
30.5	80.50	65.83	80.50	36969.0	0.0000015
31.0	81.82	66.88	81.82	38838.0	0.000001
31.5	83.14	67.93	83.14	40759.0	0.0000007
32.0	84.46	68.98	84.46	42732.0	0.0000005
32.5	85.78	69.98	85.78	44758.0	0.0000003
33.0	87.10	70.98	87.10	46837.0	0.0000002
33.5	88.42	71.98	88.42	48969.0	0.00000015
34.0	89.74	72.98	89.74	51154.0	0.0000001
34.5	91.06	73.98	91.06	53393.0	0.00000007
35.0	92.38	74.98	92.38	55687.0	0.00000005
35.5	93.70	75.98	93.70	58036.0	0.00000003
36.0	95.02	76.98	95.02	60441.0	0.00000002
36.5	96.34	77.98	96.34	62903.0	0.000000015
37.0	97.66	78.98	97.66	65423.0	0.00000001
37.5	98.98	79.98	98.98	68001.0	0.000000007
38.0	100.30	80.98	100.30	70638.0	0.000000005
38.5	101.62	81.98	101.62	73335.0	0.000000003
39.0	102.94	82.98	102.94	76093.0	0.000000002
39.5	104.26	83.98	104.26	78913.0	0.0000000015
40.0	105.58	84.98	105.58	81795.0	0.000000001
40.5	106.90	85.98	106.90	84739.0	0.0000000007
41.0	108.22	86.98	108.22	87746.0	0.0000000005
41.5	109.54	87.98	109.54	90817.0	0.0000000003
42.0	110.86	88.98	110.86	93953.0	0.0000000002
42.5	112.18	89.98	112.18	97155.0	0.00000000015
43.0	113.50	90.98	113.50	100423.0	0.0000000001
43.5	114.82	91.98	114.82	103758.0	0.00000000007
44.0	116.14	92.98	116.14	107161.0	0.00000000005
44.5	117.46	93.98	117.46	110633.0	0.00000000003
45.0	118.78	94.98	118.78	114175.0	0.00000000002
45.5	120.10	95.98	120.10	117787.0	0.000000000015
46.0	121.42	96.98	121.42	121470.0	0.00000000001
46.5	122.74	97.98	122.74	125225.0	0.000000000007
47.0	124.06	98.98	124.06	129053.0	0.000000000005
47.5	125.38	99.98	125.38	132955.0	0.000000000003
48.0	126.70	100.98	126.70	136932.0	0.000000000002
48.5	128.02	101.98	128.02	140985.0	0.0000000000015
49.0	129.34	102.98	129.34	145115.0	0.000000000001
49.5	130.66	103.98	130.66	149323.0	0.0000000000007
50.0	131.98	104.98	131.98	153609.0	0.0000000000005
50.5	133.30	105.98	133.30	157974.0	0.0000000000003
51.0	134.62	106.98	134.62	162419.0	0.0000000000002
51.5	135.94	107.98	135.94	166945.0	0.00000000000015
52.0	137.26	108.98	137.26	171553.0	0.0000000000001
52.5	138.58	109.98	138.58	176244.0	0.00000000000007
53.0	139.90	110.98	139.90	181019.0	0.00000000000005
53.5	141.22	111.98	141.22	185879.0	0.00000000000003
54.0	142.54	112.98	142.54	190825.0	0.00000000000002
54.5	143.86	113.98	143.86	195857.0	0.000000000000015
55.0	145.18	114.98	145.18	200975.0	0.00000000000001
55.5	146.50	115.98	146.50	206180.0	0.000000000000007
56.0	147.82	116.98	147.82	211473.0	0.000000000000005
56.5	149.14	117.98	149.14	216855.0	0.000000000000003
57.0	150.46	118.98	150.46	222327.0	0.000000000000002
57.5	151.78	119.98	151.78	227890.0	0.0000000000000015
58.0	153.10	120.98	153.10	233545.0	0.000000000000001
58.5	154.42	121.98	154.42	239293.0	0.0000000000000007
59.0	155.74	122.98	155.74	245135.0	0.0000000000000005
59.5	157.06	123.98	157.06	251072.0	0.0000000000000003
60.0	158.38	124.98	158.38	257105.0	0.0000000000000002
60.5	159.70	125.98	159.70	263235.0	0.00000000000000015
61.0	161.02	126.98	161.02	269463.0	0.0000000000000001
61.5	162.34	127.98	162.34	275789.0	0.00000000000000007
62.0	163.66	128.98	163.66	282215.0	0.00000000000000005
62.5	164.98	129.98	164.98	288742.0	0.00000000000000003
63.0	166.30	130.98	166.30	295371.0	0.00000000000000002
63.5	167.62	131.98	167.62	302103.0	0.000000000000000015
64.0	168.94	132.98	168.94	308939.0	0.00000000000000001
64.5	170.26	133.98	170.26	315880.0	0.000000000000000007
65.0	171.58	134.98	171.58	322927.0	0.000000000000000005
65.5	172.90	135.98	172.90	330081.0	0.000000000000000003
66.0	174.22	136.98	174.22	337343.0	0.000000000000000002
66.5	175.54	137.98	175.54	344714.0	0.0000000000000000015
67.0	176.86	138.98	176.86	352195.0	0.000000000000000001
67.5	178.18	139.98	178.18	359787.0	0.0000000000000000007
68.0	179.50	140.98	179.50	367491.0	0.0000000000000000005
68.5	180.82	141.98	180.82	375308.0	0.0000000000000000003
69.0	182.14	142.98	182.14	383239.0	0.0000000000000000002
69.5	183.46	143.98	183.46	391285.0	0.00000000000000000015
70.0	184.78	144.98	184.78	399447.0	0.0000000000000000001
70.5	186.10	145.98	186.10	407725.0	0.00000000000000000007
71.0	187.42	146.98	187.42	416120.0	0.00000000000000000005
71.5	188.74	147.98	188.74	424633.0	0.00000000000000000003
72.0	190.06	148.98	190.06	433265.0	0.00000000000000000002
72.5	191.38	149.98	191.38	442017.0	0.000000000000000000015
73.0	192.70	150.98	192.70	450890.0	0.00000000000000000001
73.5	194.02	151.98	194.02	459885.0	0.000000000000000000007
74.0	195.34	152.98	195.34	468993.0	0.000000000000000000005
74.5	196.66	153.98	196.66	478215.0	0.000000000000000000003
75.0	197.98	154.98	197.98	487553.0	0.000000000000000000002
75.5	199.30	155.98	199.30	497007.0	0.0000000000000000000015
76.0	200.62	156.98	200.62	506579.0	0.000000000000000000001
76.5	201.94	157.98	201.94	516269.0	0.0000000000000000000007
77.0	203.26	158.98	203.26	526078.0	0.0000000000000000000005
77.5	204.58	159.98	204.58	536007.0	0.0000000000000000000003
78.0	205.90	160.98	205.90	546057.0	0.0000000000000000000002
78.5	207.22	161.98	207.22	556229.0	0.00000000000000000000015
79.0	208.54	162.98	208.54	566523.0	0.0000000000000000000001
79.5	209.86	163.98	209.86	576940.0	0.00000000000000000000007
80.0	211.18	164.98	211.18	587475.0	0.00000000000000000000005
80.5	212.50	165.98	212.50	598129.0	0.00000000000000000000003
81.0	213.82	166.98	213.82	608903.0	0.00000000000000000000002
81.5	215.14	167.98	215.14	619797.0	0.000000000000000000000015
82.0	216.46	168.98	216.46	630811.0	0.00000000000000000000001
82.5	217.78	169.98	217.78	641945.0	0.000000000000000000000007
83.0	219.10	170.98	219.10	653200.0	0.000000000000000000000005
83.5	220.42	171.98	220.42	664575.0	0.0000

Resisto 1200 IP66 MW 5000lm 840

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General data

Product name	Resisto 1200 IP66 MW 5000lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, 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	4357050
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
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
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

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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)	1.59

Packaging

Product EAN number	5410288102214
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288102214
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