

PHOTOMETRIC MEASUREMENT REPORT N° 01

Photometric measurement date: **28/09/2017**

Company: **Slamp S.p.A.**

Operator: **/Sedis Light Technology**

Type of photometric measurement: **C - Gamma**

The measurements have been performed in the following laboratory ambient conditions:

Temperature: **23°C+/-2°C**

Relative humidity: **50% U.R.+/-15% U.R.**

Air turbulence: **< 0.2 m/s**

Stabilization time before measurement: **1 hour**

Regulations applied: **UNI EN 13032-4**

Electro Magnetic Compatibility (EMC): **Shielded instrument**

Luminaire name: **Etoile suspension S**

Eulumdat reference: **Etoile suspension S.ltd**

Size of luminaire (mm): **730 x 0 x 430**

Size of luminous area (mm): **730 x 0**

Number n of standard sets of lamps (optional): **1**

Number of lamps: **1**

Type of light source: **LED SLAMP S.p.A. PCB**

Total luminous flux of the light source (lm): **3500**

Output luminous flux of the lamp (lm): **2563.86**

Colour temperature (K): **2700**

Colour rendering index: **0**

Supply current (mA): **140**

Source power (W): **35**

Power consumption included source power (W): **35**

LED module efficacy (lm/W): **100.00**

System light efficacy (lm/W): **100.00**

Luminaire light efficacy (lm/W): **73.25**

Light Output Ratio of luminaire (LOR): **100**

Downward Flux Fraction (DFF): **100**

Upward Flux Fraction (UFF): **0.00**

Tilt during measurement (for street luminaires): **0**

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Luminous intensities

Gamma	C0°	C5°	C10°	C15°	C20°	C25°	C30°	C35°	C40°	C45°	C50°	C55°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	92.82	92.60	92.43	92.08	91.74	91.74	91.35	91.18	91.18	91.18	91.18	91.57
10°	90.70	90.70	90.70	91.06	90.70	90.77	90.70	90.40	90.70	90.77	90.89	91.06
15°	86.01	86.41	87.33	87.74	87.92	88.21	88.67	88.49	88.67	88.26	88.44	88.67
20°	83.39	83.17	83.22	83.63	83.98	84.39	84.39	84.97	84.74	85.15	85.51	85.91
25°	80.17	80.46	80.46	80.46	80.74	80.97	80.85	80.81	80.46	80.46	80.85	81.56
30°	74.35	75.79	76.83	77.44	76.89	77.06	77.06	76.06	75.51	75.13	75.79	76.12
35°	69.31	69.31	70.32	72.18	73.08	73.08	72.24	70.77	69.65	69.26	69.14	69.42
40°	67.23	67.23	65.98	65.98	66.69	67.55	67.23	65.82	64.63	63.06	62.36	62.74
45°	62.38	62.20	61.01	58.93	56.56	54.85	53.00	52.10	52.78	53.56	53.56	53.56
50°	55.93	55.64	53.96	51.06	47.93	44.69	42.11	41.17	40.78	40.83	42.06	43.91
55°	41.43	46.14	44.88	42.63	39.24	36.33	36.01	37.71	39.84	41.48	43.01	44.06
60°	33.17	31.39	28.03	24.10	21.56	21.73	25.26	30.64	35.83	40.00	44.27	45.25
65°	35.62	32.70	29.91	26.82	25.74	27.23	29.91	34.07	36.74	38.05	37.87	37.51
70°	36.15	32.71	29.56	27.51	28.42	30.29	34.16	37.60	39.60	40.01	38.56	36.87
75°	35.14	31.72	29.33	27.95	29.03	31.72	34.90	36.22	38.37	38.08	36.52	35.51
80°	36.79	34.06	30.94	29.08	30.23	32.09	33.94	34.12	35.97	35.62	34.52	33.76
85°	39.75	36.98	33.00	29.92	29.21	30.69	33.18	33.53	33.36	33.24	32.58	32.17
90°	43.50	39.86	36.23	31.52	27.88	30.43	33.72	34.75	34.80	34.80	35.15	35.15
95°	43.02	45.44	46.75	47.51	48.23	47.87	44.79	42.07	38.80	36.14	33.95	32.17
100°	48.13	49.18	49.41	49.46	48.83	47.73	44.78	42.75	41.07	39.62	38.12	37.42
105°	54.00	54.24	52.91	50.88	49.03	46.88	44.60	44.67	45.55	45.26	44.79	45.31
110°	61.43	60.46	59.32	54.80	50.93	46.16	45.38	49.37	52.45	53.41	56.62	58.30
115°	72.77	69.74	66.11	61.60	56.25	52.79	53.98	58.91	63.50	69.20	73.95	78.89
120°	90.68	84.79	79.58	77.22	74.21	73.87	74.62	80.97	87.10	93.00	97.50	98.42
125°	107.64	107.10	102.94	100.48	97.47	101.52	108.68	111.58	112.24	112.79	115.09	115.03
130°	124.46	125.51	124.23	122.05	124.18	129.14	131.72	128.04	127.94	128.89	130.67	132.63
135°	139.39	144.54	144.76	145.66	146.39	148.54	149.44	147.86	146.62	146.75	148.60	152.60
140°	151.10	154.03	153.05	154.24	156.83	159.75	161.33	160.46	160.47	162.78	164.58	169.49
145°	160.08	162.06	162.58	163.41	164.93	166.56	168.36	171.34	175.34	177.48	181.31	185.86
150°	170.18	172.50	173.82	176.86	179.24	181.11	185.31	187.29	189.94	194.74	198.94	202.53
155°	182.05	189.36	193.69	195.25	197.66	200.30	202.21	204.68	207.18	210.63	217.14	220.88
160°	202.40	205.74	211.48	214.70	218.45	221.96	224.42	226.47	228.75	230.80	234.20	237.95
165°	226.69	229.01	232.95	235.54	238.09	241.58	244.58	247.77	248.64	248.82	249.10	249.68
170°	241.27	242.93	244.37	246.11	247.24	249.45	252.25	254.05	255.61	256.07	255.72	254.88
175°	255.05	256.13	256.87	256.87	257.21	257.39	258.47	257.95	258.64	258.47	259.43	259.61
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	91.57	91.51	91.80	91.80	91.57	91.80	91.92	91.92	92.14	92.49	92.66	92.49
10°	91.43	91.48	91.97	91.72	91.06	90.77	90.47	90.11	90.06	89.69	89.69	89.04
15°	89.24	89.42	89.19	88.72	88.32	88.32	88.32	88.32	87.92	87.56	87.56	87.04
20°	86.44	86.62	86.44	85.91	85.68	85.91	86.09	85.97	85.33	85.15	84.04	82.52
25°	81.91	82.70	83.23	83.27	83.56	83.80	83.91	83.51	82.70	82.35	82.31	81.49
30°	76.51	77.94	79.15	79.60	79.60	79.76	80.26	80.82	81.14	81.47	81.69	81.14
35°	70.16	70.20	70.73	71.46	71.51	72.13	73.37	74.89	75.28	76.13	77.70	78.55
40°	63.06	63.28	63.06	62.90	63.06	63.23	64.14	65.34	66.42	67.77	70.69	73.67
45°	54.30	54.98	55.03	53.96	53.96	53.91	54.64	55.89	57.75	59.95	63.90	68.07
50°	45.14	46.03	46.26	45.65	44.69	44.35	45.03	46.14	48.66	52.47	56.38	60.51
55°	44.38	44.22	43.56	42.25	40.77	39.18	38.42	38.97	41.43	44.06	47.55	51.00
60°	44.85	43.75	42.83	41.67	39.71	36.87	35.43	35.20	36.71	37.80	39.48	42.25
65°	37.34	37.69	37.34	37.10	35.79	33.89	32.94	32.23	31.63	31.57	32.35	34.25
70°	35.13	33.37	31.56	31.08	29.81	28.72	27.64	26.55	24.80	23.17	23.05	24.92

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75°	34.78	34.07	33.41	32.21	31.01	29.39	28.86	27.54	23.52	19.46	17.35	19.75
80°	34.52	35.04	34.87	34.47	33.71	32.96	33.01	32.67	28.96	24.50	19.87	18.99
85°	32.94	34.31	35.19	35.43	34.84	34.72	34.84	36.20	34.42	31.75	28.79	26.19
90°	35.71	36.62	37.31	38.27	37.53	37.19	36.57	37.92	37.87	37.65	37.14	36.06
95°	31.70	31.81	32.94	33.65	33.89	31.64	28.44	25.24	23.52	24.64	28.44	30.69
100°	37.42	38.17	39.84	41.53	43.33	43.67	41.87	39.67	35.91	33.36	29.18	28.38
105°	46.33	47.65	50.11	52.82	54.90	55.81	54.90	54.90	54.44	49.39	39.46	31.97
110°	61.86	64.10	66.09	67.53	69.65	71.10	72.36	70.73	71.10	72.13	63.38	49.31
115°	81.56	82.69	83.06	83.82	85.19	87.45	88.99	91.26	91.85	90.89	88.40	82.34
120°	99.30	99.12	99.99	101.66	103.17	103.57	106.76	107.79	110.56	111.32	106.29	102.99
125°	115.03	116.07	119.90	121.82	120.83	121.17	123.13	125.04	126.63	124.28	125.21	123.63
130°	135.64	139.16	142.45	140.73	140.06	142.40	143.23	141.52	139.66	139.78	140.10	140.94
135°	156.95	160.78	163.43	163.23	163.61	163.90	163.73	163.77	162.14	161.40	159.66	159.82
140°	173.55	175.50	177.60	177.12	177.82	180.20	179.82	179.01	178.96	176.90	175.01	173.65
145°	190.92	193.58	193.47	195.50	196.95	197.46	195.32	193.18	194.92	196.33	194.52	194.29
150°	211.47	211.20	213.79	213.07	215.94	215.72	215.34	213.57	215.44	214.95	215.78	212.13
155°	223.35	227.58	227.62	231.59	233.54	233.67	234.46	231.58	231.76	231.12	229.52	228.29
160°	238.88	238.36	242.05	242.98	244.68	245.92	245.92	244.22	241.99	244.04	242.57	240.53
165°	250.95	250.72	249.98	250.55	251.47	254.43	254.26	253.15	251.70	252.58	253.85	254.60
170°	254.70	254.05	254.36	255.12	257.51	258.35	258.71	258.47	257.81	257.03	256.85	259.36
175°	260.98	261.72	263.21	263.72	264.69	264.46	264.63	264.63	264.63	264.28	263.66	263.03
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	92.66	92.99	93.05	92.99	93.23	93.23	93.39	93.80	93.62	93.80	93.80	93.91
10°	88.67	88.67	88.67	88.62	88.26	88.02	87.97	88.02	87.97	88.08	88.45	88.50
15°	86.23	85.89	85.71	85.31	84.96	84.21	83.28	82.48	81.95	82.00	82.08	82.75
20°	81.35	79.88	79.35	79.18	79.47	79.70	79.18	78.77	78.72	79.12	78.89	78.95
25°	80.91	79.88	78.67	77.87	77.69	77.34	77.41	77.58	77.51	78.15	77.80	77.23
30°	81.20	81.53	81.14	80.65	80.98	80.65	80.65	80.04	78.99	77.61	76.18	74.96
35°	79.28	80.01	81.14	82.38	82.82	82.48	81.59	80.68	78.55	76.13	73.71	71.40
40°	76.80	79.39	80.92	81.12	81.12	80.42	79.39	78.16	76.48	73.99	71.23	67.77
45°	71.91	74.73	76.48	77.05	76.71	76.71	76.15	75.08	73.15	70.39	67.12	63.16
50°	63.41	65.54	67.43	69.06	69.28	69.85	69.96	69.23	67.33	64.37	60.85	57.33
55°	54.78	57.19	58.67	60.31	61.19	62.06	62.55	61.90	60.15	57.02	54.07	50.35
60°	46.70	50.40	51.90	52.60	53.12	54.62	55.20	54.27	51.68	48.66	45.72	42.66
65°	37.88	43.16	44.06	44.35	44.89	45.48	45.48	44.12	41.85	39.71	37.64	34.25
70°	27.76	30.84	32.28	34.69	35.43	35.73	36.32	38.81	39.83	41.23	39.30	38.57
75°	21.61	22.44	23.89	26.04	29.98	32.21	35.14	37.96	39.63	40.36	40.11	40.06
80°	19.87	19.52	21.60	23.92	25.78	28.73	32.09	35.62	38.40	40.42	41.29	41.87
85°	23.94	23.58	22.81	22.57	24.05	26.96	31.46	35.14	38.63	41.64	42.78	43.01
90°	33.16	30.04	26.51	23.74	24.30	26.63	29.92	33.33	36.97	40.94	43.89	44.85
95°	34.48	40.41	46.81	48.81	47.69	44.31	40.77	40.52	40.88	39.64	38.10	39.93
100°	33.36	40.42	44.25	46.86	46.80	43.33	40.02	40.38	41.30	41.12	41.47	43.33
105°	32.87	37.55	39.04	41.19	41.73	39.33	38.55	39.99	41.49	43.10	44.42	45.08
110°	40.19	33.38	35.42	37.55	38.26	37.84	43.15	46.16	48.95	51.85	52.15	51.42
115°	66.40	54.45	44.65	41.32	44.94	53.27	62.01	77.76	83.88	79.83	73.00	67.65
120°	101.15	97.62	90.56	89.06	92.07	97.04	105.13	110.80	110.44	102.24	98.72	98.31
125°	120.62	120.34	122.20	122.26	123.08	125.22	129.37	131.78	124.55	116.84	113.78	113.06
130°	143.97	146.15	144.58	144.80	149.89	152.29	151.74	148.45	144.25	142.63	142.06	144.46
135°	161.96	164.50	163.90	166.15	167.95	167.89	166.49	162.65	162.15	161.53	163.51	164.97
140°	175.28	177.06	174.47	173.18	173.55	174.30	173.77	172.41	171.17	171.66	172.36	172.20
145°	193.38	192.71	187.05	185.96	183.89	183.28	184.90	187.05	186.47	187.49	186.03	183.15
150°	210.47	205.95	202.97	200.93	197.12	199.43	200.81	201.03	202.08	200.10	197.45	192.54
155°	224.17	222.26	217.35	215.34	216.96	216.65	217.56	217.17	216.24	213.54	211.53	207.32
160°	240.76	239.12	235.96	233.79	233.61	233.39	232.39	233.39	233.39	232.04	231.81	230.52

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165°	253.27	253.85	254.38	254.84	254.45	253.68	252.30	251.95	249.75	248.47	247.66	247.14
170°	260.91	261.20	261.32	261.69	261.50	262.09	262.09	262.74	263.23	263.77	263.29	263.00
175°	263.21	262.35	262.51	262.86	264.06	265.37	265.71	265.77	266.45	266.29	266.62	266.29
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	93.91	93.97	93.91	93.80	93.56	93.80	93.56	93.91	93.80	93.74	93.80	93.39
10°	89.28	89.33	89.33	88.67	88.38	88.38	88.79	89.16	89.38	90.04	90.04	90.29
15°	83.81	84.15	84.78	84.38	84.15	84.15	84.85	85.61	85.61	85.25	84.73	84.33
20°	78.95	79.70	80.06	79.83	79.65	80.06	80.64	81.00	81.00	80.76	80.58	80.41
25°	76.66	76.42	76.35	75.96	75.39	75.21	75.27	75.67	75.96	77.30	77.74	77.91
30°	74.74	74.03	72.97	71.92	71.53	71.43	70.88	71.26	72.31	73.91	74.68	75.07
35°	69.99	68.13	66.61	65.60	65.21	64.91	64.86	65.26	66.50	67.51	69.03	70.66
40°	64.52	61.55	59.82	58.25	57.39	56.89	57.06	57.71	58.58	59.93	61.66	63.77
45°	59.16	55.54	52.33	50.52	49.44	49.44	49.78	50.35	51.25	53.06	54.65	56.45
50°	54.09	49.39	44.75	42.24	41.62	42.51	43.13	44.14	45.37	46.42	47.77	48.66
55°	46.14	42.30	38.59	35.84	35.79	37.05	38.26	39.62	41.38	42.80	44.06	44.71
60°	36.12	31.32	29.07	28.73	30.40	33.41	36.12	38.20	40.57	42.02	43.18	43.75
65°	32.58	30.68	29.55	28.42	29.14	31.99	35.02	38.47	41.85	44.12	44.89	45.25
70°	37.96	37.60	36.21	34.04	34.04	36.09	37.06	40.49	44.48	46.78	47.50	47.67
75°	39.81	39.70	39.33	39.40	39.40	39.70	40.58	43.28	47.36	50.05	51.72	52.14
80°	41.93	40.77	39.67	39.44	39.44	40.20	41.64	44.42	48.13	51.08	52.94	52.94
85°	42.00	40.35	38.87	37.68	38.04	39.58	40.88	42.84	45.51	48.82	51.31	51.06
90°	44.23	42.29	39.86	38.05	38.05	39.52	40.60	41.68	43.15	47.18	49.68	50.08
95°	43.13	39.93	38.10	39.64	40.88	40.52	40.77	44.31	47.69	48.81	46.81	40.41
100°	46.86	43.33	41.47	41.12	41.30	40.38	40.02	43.33	46.80	46.86	44.25	40.42
105°	48.19	45.08	44.42	43.10	41.49	39.99	38.55	39.33	41.73	41.19	39.04	37.55
110°	51.12	51.42	52.15	51.85	48.95	46.16	43.15	37.84	38.26	37.55	35.42	33.38
115°	66.16	67.65	73.00	79.83	83.88	77.76	62.01	53.27	44.94	41.32	44.65	54.45
120°	97.97	98.31	98.72	102.24	110.44	110.80	105.13	97.04	92.07	89.06	90.56	97.62
125°	112.74	113.06	113.78	116.84	124.55	131.78	129.37	125.22	123.08	122.26	122.20	120.34
130°	144.91	144.46	142.06	142.63	144.25	148.45	151.74	152.29	149.89	144.80	144.58	146.15
135°	165.32	164.97	163.51	161.53	162.15	162.65	166.49	167.89	167.95	166.15	163.90	164.50
140°	170.63	172.20	172.36	171.66	171.17	172.41	173.77	174.30	173.55	173.18	174.47	177.06
145°	179.38	183.15	186.03	187.49	186.47	187.05	184.90	183.28	183.89	185.96	187.05	192.71
150°	186.13	192.54	197.45	200.10	202.08	201.03	200.81	199.43	197.12	200.93	202.97	205.95
155°	205.81	207.32	211.53	213.54	216.24	217.17	217.56	216.65	216.96	215.34	217.35	222.26
160°	228.64	230.52	231.81	232.04	233.39	233.39	232.39	233.39	233.61	233.79	235.96	239.12
165°	246.62	247.14	247.66	248.47	249.75	251.95	252.30	253.68	254.45	254.84	254.38	253.85
170°	262.38	263.00	263.29	263.77	263.23	262.74	262.09	262.09	261.50	261.69	261.32	261.20
175°	266.10	266.29	266.62	266.29	266.45	265.77	265.71	265.37	264.06	262.86	262.51	262.35
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	93.17	93.39	93.23	92.99	93.17	92.99	93.17	93.05	93.17	92.95	92.95	93.17
10°	90.40	90.40	90.04	90.11	90.04	90.04	90.04	90.04	90.35	90.04	90.04	89.99
15°	84.33	84.55	84.90	85.25	85.88	86.58	87.10	87.33	87.92	88.09	88.61	89.01
20°	80.41	80.59	81.17	82.11	83.17	83.93	83.98	83.75	83.81	83.46	83.40	84.04
25°	78.38	78.95	79.58	79.23	79.01	78.38	77.91	77.91	77.91	77.80	77.45	77.76
30°	75.79	76.51	76.34	75.07	73.69	72.64	72.14	71.59	71.21	70.98	71.37	71.20
35°	71.78	72.07	71.12	69.70	68.18	66.44	65.14	63.90	63.79	63.07	62.89	62.96
40°	65.49	65.45	64.42	62.69	60.63	58.41	56.85	56.14	55.60	54.78	54.25	54.08
45°	57.12	56.96	56.10	54.42	52.83	50.81	49.39	48.54	48.19	47.58	47.63	47.47
50°	49.21	48.77	47.77	46.65	44.80	43.07	41.78	41.51	42.17	43.63	45.42	46.42
55°	45.42	45.10	44.00	41.92	39.46	37.38	36.72	36.83	39.13	41.59	43.67	45.42
60°	44.04	44.04	42.94	41.09	38.32	35.60	33.87	34.68	36.87	39.48	42.25	44.10

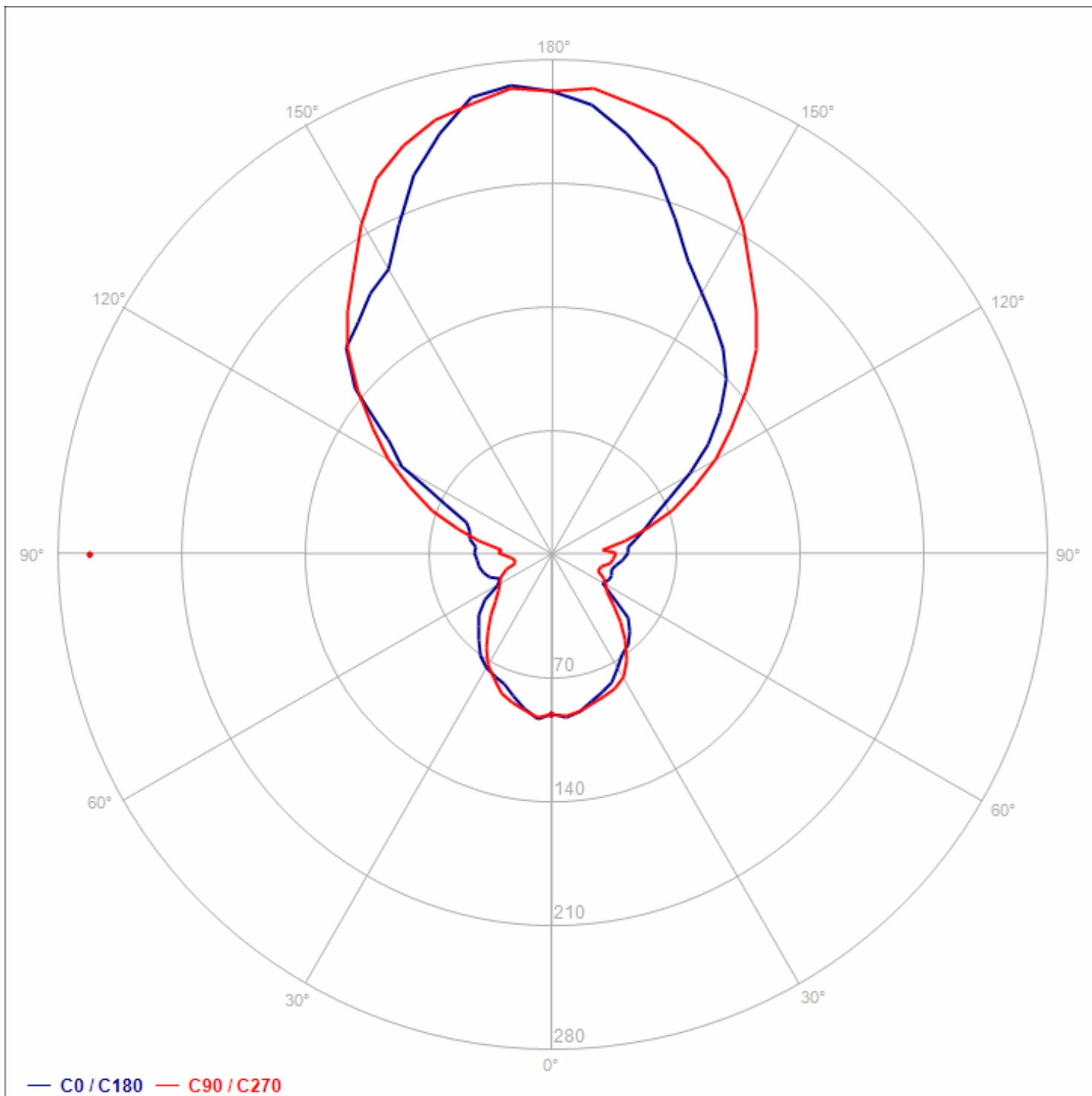
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65°	45.43	45.07	43.58	40.31	36.92	34.30	32.40	32.35	31.57	28.01	29.55	32.16
70°	47.37	46.41	42.91	38.20	34.39	30.77	27.34	22.87	23.91	26.01	28.91	31.32
75°	52.21	48.73	41.54	36.47	30.77	25.55	22.08	22.15	23.45	26.29	29.03	30.47
80°	51.84	45.53	38.87	33.36	27.81	24.56	21.55	22.07	24.85	27.98	30.58	32.03
85°	49.77	42.36	37.86	34.31	29.74	25.42	23.17	25.42	29.03	31.04	32.94	33.29
90°	47.01	40.43	35.83	33.38	31.17	29.14	30.61	34.47	37.53	40.03	39.86	38.21
95°	34.48	30.69	28.44	24.64	23.52	25.24	28.44	31.64	33.89	33.65	32.94	31.81
100°	33.36	28.38	29.18	33.36	35.91	39.67	41.87	43.67	43.33	41.53	39.84	38.17
105°	32.87	31.97	39.46	49.39	54.44	54.90	54.90	55.81	54.90	52.82	50.11	47.65
110°	40.19	49.31	63.38	72.13	71.10	70.73	72.36	71.10	69.65	67.53	66.09	64.10
115°	66.40	82.34	88.40	90.89	91.85	91.26	88.99	87.45	85.19	83.82	83.06	82.69
120°	101.15	102.99	106.29	111.32	110.56	107.79	106.76	103.57	103.17	101.66	99.99	99.12
125°	120.62	123.63	125.21	124.28	126.63	125.04	123.13	121.17	120.83	121.82	119.90	116.07
130°	143.97	140.94	140.10	139.78	139.66	141.52	143.23	142.40	140.06	140.73	142.45	139.16
135°	161.96	159.82	159.66	161.40	162.14	163.77	163.73	163.90	163.61	163.23	163.43	160.78
140°	175.28	173.65	175.01	176.90	178.96	179.01	179.82	180.20	177.82	177.12	177.60	175.50
145°	193.38	194.29	194.52	196.33	194.92	193.18	195.32	197.46	196.95	195.50	193.47	193.58
150°	210.47	212.13	215.78	214.95	215.44	213.57	215.34	215.72	215.94	213.07	213.79	211.20
155°	224.17	228.29	229.52	231.12	231.76	231.58	234.46	233.67	233.54	231.59	227.62	227.58
160°	240.76	240.53	242.57	244.04	241.99	244.22	245.92	245.92	244.68	242.98	242.05	238.36
165°	253.27	254.60	253.85	252.58	251.70	253.15	254.26	254.43	251.47	250.55	249.98	250.72
170°	260.91	259.36	256.85	257.03	257.81	258.47	258.71	258.35	257.51	255.12	254.36	254.05
175°	263.21	263.03	263.66	264.28	264.63	264.63	264.63	264.46	264.69	263.72	263.21	261.72
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93	90.93
5°	93.34	93.56	93.17	93.39	93.17	93.23	93.34	92.99	93.17	93.23	93.17	93.17
10°	90.04	90.29	90.29	90.40	90.94	91.31	91.36	91.36	91.61	91.24	91.06	91.06
15°	89.36	89.71	89.77	88.79	88.08	87.74	87.16	86.76	86.81	86.58	86.41	86.41
20°	84.68	85.68	86.09	85.86	85.33	84.68	84.16	84.57	83.98	83.98	83.39	83.34
25°	77.87	77.80	77.91	78.90	79.75	80.11	80.74	80.17	79.64	80.11	80.39	80.11
30°	71.04	71.43	71.92	73.36	74.58	75.62	75.07	73.63	72.59	72.31	73.20	73.91
35°	63.23	63.58	64.41	65.14	66.27	67.51	68.13	68.41	69.37	70.38	70.55	69.93
40°	53.87	54.19	54.57	55.86	57.01	59.28	61.18	62.58	63.72	65.34	66.37	67.07
45°	47.41	47.41	48.09	49.05	50.68	52.66	54.81	57.35	58.98	60.84	61.92	62.65
50°	46.76	46.76	46.48	46.53	47.38	48.27	49.11	46.26	46.48	50.73	54.80	55.42
55°	46.52	46.68	46.30	45.80	41.43	35.46	32.51	33.22	34.32	34.81	33.39	32.67
60°	45.03	44.85	43.87	39.65	34.68	33.58	34.50	35.78	37.05	37.45	36.35	35.02
65°	35.97	40.85	38.17	34.43	33.29	34.07	35.20	36.57	37.87	38.64	38.23	37.99
70°	31.26	30.34	30.59	31.56	33.01	34.39	36.03	37.17	37.53	38.14	37.90	37.53
75°	30.47	30.70	31.43	32.80	35.19	37.96	39.26	40.90	41.73	41.36	39.26	36.81
80°	32.43	32.74	33.89	35.39	37.77	39.80	41.25	42.69	44.60	45.18	42.92	40.02
85°	33.29	33.95	34.84	36.20	38.45	40.29	42.78	44.44	46.33	46.15	44.08	41.83
90°	37.53	37.19	38.05	39.35	40.77	42.02	44.18	46.73	48.77	48.77	47.01	45.48
95°	31.70	32.17	33.95	36.14	38.80	42.07	44.79	47.87	48.23	47.51	46.75	45.44
100°	37.42	37.42	38.12	39.62	41.07	42.75	44.78	47.73	48.83	49.46	49.41	49.18
105°	46.33	45.31	44.79	45.26	45.55	44.67	44.60	46.88	49.03	50.88	52.91	54.24
110°	61.86	58.30	56.62	53.41	52.45	49.37	45.38	46.16	50.93	54.80	59.32	60.46
115°	81.56	78.89	73.95	69.20	63.50	58.91	53.98	52.79	56.25	61.60	66.11	69.74
120°	99.30	98.42	97.50	93.00	87.10	80.97	74.62	73.87	74.21	77.22	79.58	84.79
125°	115.03	115.03	115.09	112.79	112.24	111.58	108.68	101.52	97.47	100.48	102.94	107.10
130°	135.64	132.63	130.67	128.89	127.94	128.04	131.72	129.14	124.18	122.05	124.23	125.51
135°	156.95	152.60	148.60	146.75	146.62	147.86	149.44	148.54	146.39	145.66	144.76	144.54
140°	173.55	169.49	164.58	162.78	160.47	160.46	161.33	159.75	156.83	154.24	153.05	154.03
145°	190.92	185.86	181.31	177.48	175.34	171.34	168.36	166.56	164.93	163.41	162.58	162.06
150°	211.47	202.53	198.94	194.74	189.94	187.29	185.31	181.11	179.24	176.86	173.82	172.50

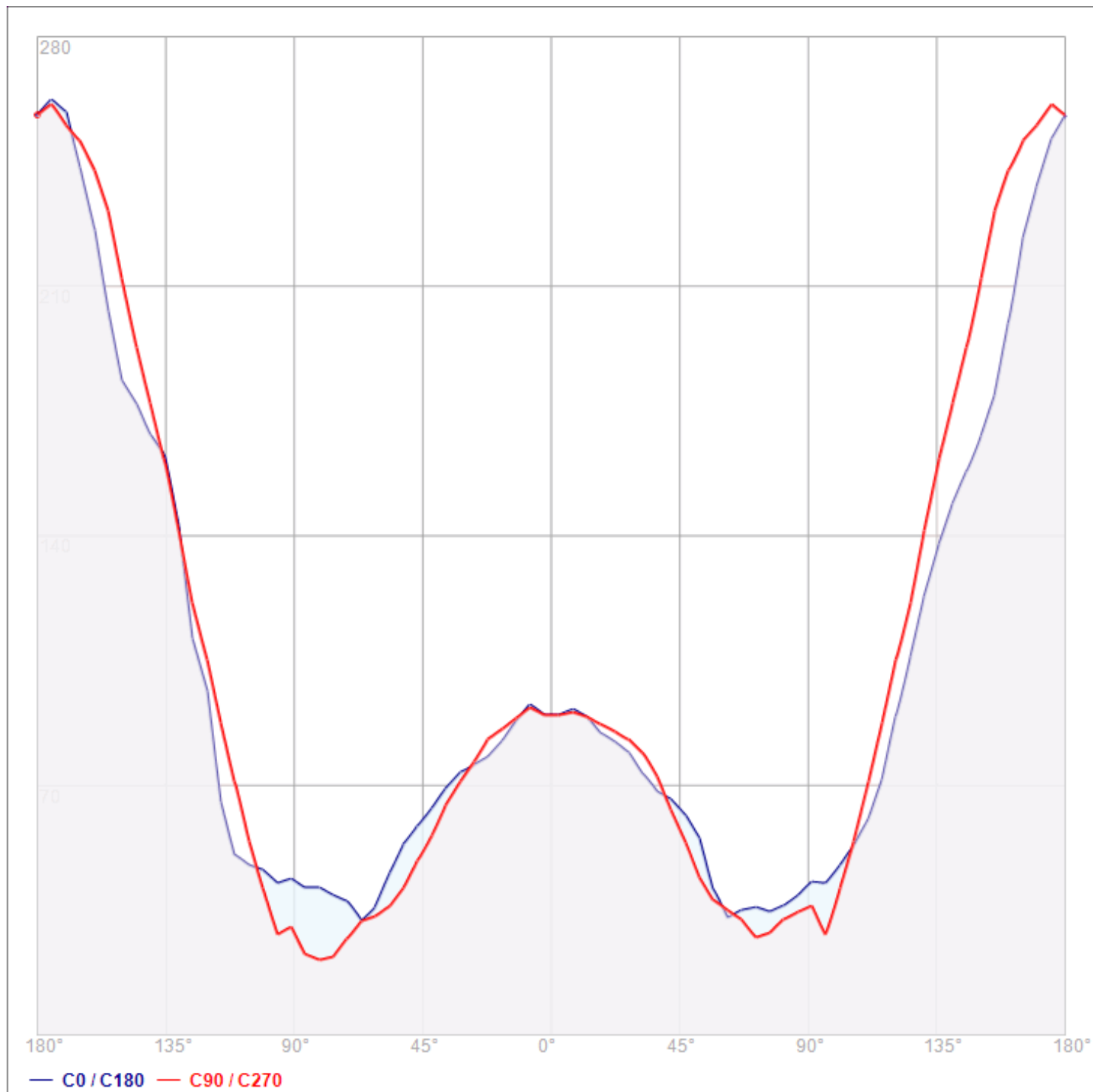
PHOTOMETRIC MEASUREMENT REPORT N° 01

155°	223.35	220.88	217.14	210.63	207.18	204.68	202.21	200.30	197.66	195.25	193.69	189.36
160°	238.88	237.95	234.20	230.80	228.75	226.47	224.42	221.96	218.45	214.70	211.48	205.74
165°	250.95	249.68	249.10	248.82	248.64	247.77	244.58	241.58	238.09	235.54	232.95	229.01
170°	254.70	254.88	255.72	256.07	255.61	254.05	252.25	249.45	247.24	246.11	244.37	242.93
175°	260.98	259.61	259.43	258.47	258.64	257.95	258.47	257.39	257.21	256.87	256.87	256.13
180°	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51	261.51

Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emission Photo



Opening angle

