

PHOTOMETRIC MEASUREMENT REPORT N° 10

Photometric measurement date: **2/10/2017/**

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 L**

Eulumdat reference: **Etoile suspension L**

Size of luminaire (mm): **900 x 0 x 550**

Size of luminous area (mm): **900 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): **2543.41**

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): **72.67**

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

Downward Flux Fraction (DFF): **29**

Upward Flux Fraction (UFF): **71.00**

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°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	88.34	88.45	88.57	88.57	88.57	88.17	88.17	88.00	88.17	87.77	87.82	88.00
10°	83.99	83.94	83.57	82.96	83.03	83.27	83.03	83.20	83.32	83.69	83.99	84.35
15°	80.67	79.91	79.56	79.21	78.80	79.03	78.80	79.26	79.16	79.15	79.16	79.39
20°	76.86	76.09	75.68	74.56	73.61	73.32	73.03	73.79	74.26	74.32	74.97	75.09
25°	76.41	75.02	73.87	72.29	70.90	69.61	69.33	69.50	69.57	69.85	69.90	70.50
30°	74.62	73.17	72.28	71.06	70.00	68.89	67.94	67.10	66.22	65.83	65.88	67.11
35°	72.84	71.71	69.78	67.90	66.77	65.17	64.15	63.01	62.06	61.77	61.71	62.34
40°	69.73	69.62	67.66	65.04	63.13	62.10	61.27	59.97	59.31	59.53	59.64	59.47
45°	62.81	63.15	62.81	61.33	60.08	59.51	58.77	58.43	57.74	57.35	56.95	56.61
50°	54.30	55.81	56.44	55.65	55.15	54.52	53.90	53.28	52.61	52.27	51.71	50.75
55°	47.99	50.48	50.81	50.42	49.37	48.71	47.99	47.61	47.28	46.89	46.01	45.51
60°	41.89	43.93	45.74	45.74	44.86	43.52	42.77	42.42	42.42	42.82	42.06	41.66
65°	35.30	34.94	37.22	38.00	38.36	38.78	38.42	38.23	38.42	38.42	38.36	38.00
70°	24.89	23.48	24.45	26.83	29.38	31.76	32.55	32.97	32.97	33.34	33.21	31.88
75°	20.70	22.08	20.99	20.63	22.33	23.83	24.87	24.67	24.67	24.75	24.87	24.38
80°	20.03	20.44	20.20	21.14	20.73	21.67	22.30	22.30	21.78	21.78	22.30	23.24
85°	18.40	18.76	19.17	19.95	19.53	19.17	19.70	20.73	21.44	22.22	23.35	24.91
90°	24.33	21.75	19.92	19.12	18.43	18.09	19.87	22.44	25.81	27.76	28.85	29.82
95°	37.03	37.63	36.13	33.62	30.16	27.18	25.62	27.47	31.96	36.31	40.43	44.08
100°	48.11	48.87	48.64	48.69	47.35	42.92	36.03	31.06	29.72	32.93	36.78	41.98
105°	65.78	66.09	65.97	65.67	64.76	63.31	60.89	53.24	38.98	29.38	32.76	38.19
110°	82.31	82.62	82.56	82.14	81.47	79.46	78.06	77.27	70.88	52.13	40.28	33.40
115°	98.34	98.46	98.70	96.37	95.58	96.00	96.78	96.60	94.44	91.09	84.37	73.23
120°	111.45	113.26	111.80	111.04	110.11	110.29	112.74	116.35	115.59	113.49	111.63	112.38
125°	124.40	126.71	127.38	127.93	126.49	127.93	129.20	127.76	130.08	134.66	136.97	132.56
130°	138.02	141.18	142.81	144.45	146.75	148.16	147.54	145.41	145.41	149.12	148.57	144.51
135°	156.86	158.16	160.84	162.84	163.46	164.02	163.92	163.23	163.11	162.70	161.57	159.42
140°	169.44	171.79	176.86	176.91	174.95	172.93	172.39	170.15	171.35	171.84	171.52	170.15
145°	178.57	181.63	188.08	187.64	185.43	184.30	184.87	187.03	187.03	184.20	183.80	185.50
150°	184.29	186.97	191.25	191.02	190.36	190.52	196.59	200.82	203.60	203.49	202.66	202.82
155°	197.80	200.48	201.85	202.50	202.97	204.36	205.39	208.36	214.46	216.42	215.74	216.25
160°	211.17	211.59	211.82	213.36	216.20	219.09	221.92	224.88	227.88	231.72	237.10	238.09
165°	228.86	230.33	232.43	233.89	236.64	240.90	244.86	247.79	248.95	248.95	249.06	249.59
170°	248.02	248.44	249.35	249.76	250.48	252.47	253.97	256.08	258.13	258.79	259.50	261.50
175°	263.42	263.42	263.82	263.82	264.17	264.75	264.92	265.66	266.70	267.33	267.68	269.06
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	88.00	88.22	88.17	88.39	88.34	88.34	88.74	88.91	88.97	89.32	89.43	89.26
10°	84.35	84.65	84.35	84.35	84.47	84.77	85.07	85.61	85.73	86.22	86.52	86.69
15°	79.74	79.74	80.14	80.04	80.32	80.50	80.62	81.03	81.60	82.36	83.07	83.88
20°	75.09	75.50	75.50	75.92	76.27	76.86	77.04	77.21	77.57	77.63	78.34	78.92
25°	70.90	70.94	71.36	72.01	72.70	73.58	74.15	74.44	74.20	74.66	75.02	74.42
30°	68.17	68.66	68.50	68.83	69.06	69.06	68.50	69.22	69.95	71.95	72.56	72.95
35°	63.01	63.53	63.24	63.47	62.73	62.73	63.01	63.87	65.00	66.53	67.90	68.92
40°	59.31	58.99	58.61	57.52	57.19	57.57	58.06	58.61	60.18	61.72	63.29	64.66
45°	56.21	55.13	53.49	52.57	52.01	52.01	52.57	53.31	54.79	56.61	58.55	60.20
50°	49.67	48.72	47.09	45.57	44.49	44.21	44.49	45.34	47.03	49.28	51.81	53.51
55°	44.08	42.65	40.87	38.95	37.73	37.51	37.51	38.45	39.61	41.60	44.24	45.46
60°	40.38	38.69	36.65	34.43	32.69	32.57	32.92	33.85	34.78	36.30	38.11	39.74
65°	36.86	34.16	30.87	29.01	28.05	27.63	28.35	29.79	30.75	32.19	34.10	36.26
70°	28.47	24.22	20.74	19.83	20.50	21.59	25.12	27.56	29.44	31.64	33.64	35.47

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75°	23.41	22.01	21.30	19.91	18.88	20.21	23.96	28.73	33.90	37.23	38.98	40.56
80°	23.64	23.64	23.36	22.30	22.25	24.35	27.73	31.59	36.03	39.99	43.32	45.94
85°	25.26	25.80	26.82	26.93	27.35	29.02	32.32	36.25	40.49	43.54	46.83	47.90
90°	29.99	30.51	30.51	30.16	30.39	31.77	34.74	38.97	42.58	45.72	49.04	49.39
95°	48.08	49.39	48.44	46.52	44.50	41.45	38.40	34.76	33.26	33.87	34.40	34.40
100°	44.96	47.06	47.82	45.54	42.97	42.56	42.21	39.23	35.85	35.67	36.25	35.67
105°	40.02	41.40	42.06	40.73	39.95	44.06	44.11	43.15	40.38	39.28	37.72	36.93
110°	34.37	36.80	37.90	40.33	50.80	59.62	64.80	62.97	60.23	60.28	58.28	55.36
115°	60.77	55.97	59.98	69.40	82.04	89.53	87.19	84.56	84.92	85.93	88.75	89.35
120°	113.90	109.99	109.24	110.58	113.32	110.52	104.41	103.47	103.12	104.41	110.35	110.41
125°	128.87	130.13	134.22	134.22	129.42	125.72	124.45	123.46	123.63	126.99	130.52	130.52
130°	144.00	144.57	145.58	145.24	147.37	148.80	145.02	144.41	150.09	151.83	150.54	146.99
135°	159.07	159.69	163.28	166.58	168.05	168.40	167.15	170.44	169.30	166.41	163.63	159.47
140°	170.69	175.06	177.83	179.58	178.00	182.03	181.21	182.03	180.29	178.17	174.83	170.26
145°	187.71	190.32	192.92	196.66	198.93	200.97	198.37	196.49	193.15	190.39	188.06	184.26
150°	201.60	204.99	212.55	215.12	215.68	216.79	214.46	212.56	211.06	208.50	205.89	203.77
155°	222.87	223.91	224.03	225.72	229.72	230.65	231.58	229.96	229.89	229.67	225.55	223.22
160°	237.15	236.98	237.92	240.22	241.52	244.35	243.94	244.88	245.65	243.94	245.83	240.52
165°	250.12	250.53	252.92	254.84	255.60	257.12	254.21	253.28	255.72	257.60	255.95	254.26
170°	263.37	263.61	263.14	262.10	262.17	260.97	260.11	260.85	262.29	262.66	261.33	258.21
175°	269.75	270.84	271.59	271.18	270.89	269.75	268.82	268.08	266.81	266.01	264.92	264.40
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	89.49	89.26	89.26	89.72	89.66	89.84	90.18	90.47	90.58	90.93	91.10	91.50
10°	87.06	87.18	87.73	88.15	88.81	89.23	88.86	89.23	89.23	89.82	90.56	91.22
15°	84.18	84.58	85.17	85.17	84.94	85.34	85.69	85.69	85.69	86.23	87.21	88.85
20°	79.46	80.23	80.23	80.23	80.23	80.23	80.23	80.58	80.81	81.59	83.29	85.48
25°	75.13	75.31	75.48	75.83	76.48	76.76	76.52	77.06	77.17	79.67	81.29	83.55
30°	74.06	73.51	73.17	72.45	71.95	72.22	72.95	74.28	74.17	73.84	74.23	76.12
35°	70.78	70.11	68.69	67.32	66.65	66.65	67.84	67.16	66.19	65.79	65.28	65.91
40°	66.24	65.91	64.17	62.05	61.22	61.01	59.97	58.65	57.56	56.86	57.57	59.09
45°	60.93	60.59	59.11	57.00	54.91	54.10	52.40	51.49	50.58	50.58	51.14	52.05
50°	53.79	53.39	52.09	49.90	48.04	46.47	45.18	43.82	43.59	44.38	45.67	46.40
55°	46.56	46.89	46.06	44.29	42.31	40.49	38.73	37.73	38.06	40.43	42.59	43.36
60°	40.79	41.13	40.38	39.45	37.70	36.24	34.78	34.03	35.14	36.82	39.62	40.79
65°	37.46	37.58	37.22	36.32	34.52	33.02	31.11	30.33	31.47	33.14	25.36	24.27
70°	36.49	36.87	36.20	34.85	33.52	31.39	29.26	26.58	22.08	21.41	22.45	23.72
75°	40.91	39.90	38.14	36.15	34.10	30.22	23.64	20.58	21.66	22.74	23.41	23.71
80°	46.88	43.32	38.65	35.91	31.94	26.34	23.64	21.90	23.06	24.12	25.63	25.58
85°	46.05	40.67	35.53	31.72	28.42	25.26	23.35	22.33	24.13	26.40	28.67	29.56
90°	45.72	42.06	36.57	31.77	27.93	25.06	24.05	25.18	28.11	31.42	33.83	34.69
95°	33.26	32.32	30.82	28.91	27.78	26.75	26.93	29.20	33.02	36.25	39.29	41.56
100°	34.57	33.28	31.23	28.84	27.15	29.55	31.82	34.57	36.38	40.87	45.14	48.64
105°	35.48	33.80	32.05	31.01	31.68	34.10	37.60	40.31	44.78	50.88	55.71	59.63
110°	51.89	48.49	45.93	44.84	46.30	48.67	52.75	56.03	62.00	66.19	71.74	73.56
115°	87.79	82.22	79.40	76.35	75.20	76.29	77.67	80.12	83.00	85.87	88.39	89.53
120°	108.02	104.81	98.81	96.77	96.01	95.66	97.29	99.92	102.02	104.34	106.09	108.13
125°	124.40	118.06	116.35	117.23	115.79	115.30	119.54	120.98	120.65	121.47	125.01	126.00
130°	142.15	135.11	132.40	134.10	138.71	141.36	139.16	138.54	142.27	146.70	146.08	141.06
135°	157.82	153.78	150.71	151.45	153.85	155.67	159.82	163.63	165.11	163.11	161.86	159.81
140°	166.88	163.66	165.03	166.28	168.73	168.03	171.24	173.32	172.61	171.72	171.68	171.35
145°	180.80	177.28	176.31	177.84	179.83	180.28	183.11	182.72	181.30	177.96	176.88	176.66
150°	198.87	196.92	196.31	193.03	193.42	190.92	190.92	189.92	187.41	185.97	186.58	187.14
155°	219.22	218.65	215.00	213.60	211.78	208.60	203.26	202.50	203.22	202.11	201.06	199.65
160°	235.08	236.85	235.85	234.79	231.72	228.71	227.00	223.10	223.45	223.28	222.87	221.51

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165°	252.04	250.35	249.59	248.71	246.97	245.16	244.04	243.11	241.01	237.73	236.80	237.38
170°	256.09	257.36	258.98	259.22	257.72	255.01	252.72	250.97	250.26	249.59	250.08	249.96
175°	264.63	265.38	266.46	267.39	267.56	267.22	266.81	265.95	265.78	265.38	265.78	265.78
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	92.02	91.50	91.10	90.93	90.58	90.47	90.18	89.84	89.66	89.72	89.26	89.26
10°	92.30	91.22	90.56	89.82	89.23	89.23	88.86	89.23	88.81	88.15	87.73	87.18
15°	90.25	88.85	87.21	86.23	85.69	85.69	85.69	85.34	84.94	85.17	85.17	84.58
20°	87.96	85.48	83.29	81.59	80.81	80.58	80.23	80.23	80.23	80.23	80.23	80.23
25°	85.51	83.55	81.29	79.67	77.17	77.06	76.52	76.76	76.48	75.83	75.48	75.31
30°	77.79	76.12	74.23	73.84	74.17	74.28	72.95	72.22	71.95	72.45	73.17	73.51
35°	69.04	65.91	65.28	65.79	66.19	67.16	67.84	66.65	66.65	67.32	68.69	70.11
40°	60.51	59.09	57.57	56.86	57.56	58.65	59.97	61.01	61.22	62.05	64.17	65.91
45°	52.62	52.05	51.14	50.58	50.58	51.49	52.40	54.10	54.91	57.00	59.11	60.59
50°	45.05	46.40	45.67	44.38	43.59	43.82	45.18	46.47	48.04	49.90	52.09	53.39
55°	43.74	43.36	42.59	40.43	38.06	37.73	38.73	40.49	42.31	44.29	46.06	46.89
60°	41.54	40.79	39.62	36.82	35.14	34.03	34.78	36.24	37.70	39.45	40.38	41.13
65°	25.05	24.27	25.36	33.14	31.47	30.33	31.11	33.02	34.52	36.32	37.22	37.58
70°	23.55	23.72	22.45	21.41	22.08	26.58	29.26	31.39	33.52	34.85	36.20	36.87
75°	23.78	23.71	23.41	22.74	21.66	20.58	23.64	30.22	34.10	36.15	38.14	39.90
80°	25.46	25.58	25.63	24.12	23.06	21.90	23.64	26.34	31.94	35.91	38.65	43.32
85°	29.45	29.56	28.67	26.40	24.13	22.33	23.35	25.26	28.42	31.72	35.53	40.67
90°	34.74	34.69	33.83	31.42	28.11	25.18	24.05	25.06	27.93	31.77	36.57	42.06
95°	43.36	41.56	39.29	36.25	33.02	29.20	26.93	26.75	27.78	28.91	30.82	32.32
100°	52.25	48.64	45.14	40.87	36.38	34.57	31.82	29.55	27.15	28.84	31.23	33.28
105°	62.41	59.63	55.71	50.88	44.78	40.31	37.60	34.10	31.68	31.01	32.05	33.80
110°	76.41	73.56	71.74	66.19	62.00	56.03	52.75	48.67	46.30	44.84	45.93	48.49
115°	90.90	89.53	88.39	85.87	83.00	80.12	77.67	76.29	75.20	76.35	79.40	82.22
120°	108.48	108.13	106.09	104.34	102.02	99.92	97.29	95.66	96.01	96.77	98.81	104.81
125°	123.57	126.00	125.01	121.47	120.65	120.98	119.54	115.30	115.79	117.23	116.35	118.06
130°	135.43	141.06	146.08	146.70	142.27	138.54	139.16	141.36	138.71	134.10	132.40	135.11
135°	156.52	159.81	161.86	163.11	165.11	163.63	159.82	155.67	153.85	151.45	150.71	153.78
140°	171.40	171.35	171.68	171.72	172.61	173.32	171.24	168.03	168.73	166.28	165.03	163.66
145°	177.62	176.66	176.88	177.96	181.30	182.72	183.11	180.28	179.83	177.84	176.31	177.28
150°	187.58	187.14	186.58	185.97	187.41	189.92	190.92	190.92	193.42	193.03	196.31	196.92
155°	199.14	199.65	201.06	202.11	203.22	202.50	203.26	208.60	211.78	213.60	215.00	218.65
160°	220.86	221.51	222.87	223.28	223.45	223.10	227.00	228.71	231.72	234.79	235.85	236.85
165°	235.29	237.38	236.80	237.73	241.01	243.11	244.04	245.16	246.97	248.71	249.59	250.35
170°	249.37	249.96	250.08	249.59	250.26	250.97	252.72	255.01	257.72	259.22	258.98	257.36
175°	266.46	265.78	265.78	265.38	265.78	265.95	266.81	267.22	267.56	267.39	266.46	265.38
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	89.49	89.26	89.43	89.32	88.97	88.91	88.74	88.34	88.34	88.39	88.17	88.22
10°	87.06	86.69	86.52	86.22	85.73	85.61	85.07	84.77	84.47	84.35	84.35	84.65
15°	84.18	83.88	83.07	82.36	81.60	81.03	80.62	80.50	80.32	80.04	80.14	79.74
20°	79.46	78.92	78.34	77.63	77.57	77.21	77.04	76.86	76.27	75.92	75.50	75.50
25°	75.13	74.42	75.02	74.66	74.20	74.44	74.15	73.58	72.70	72.01	71.36	70.94
30°	74.06	72.95	72.56	71.95	69.95	69.22	68.50	69.06	69.06	68.83	68.50	68.66
35°	70.78	68.92	67.90	66.53	65.00	63.87	63.01	62.73	62.73	63.47	63.24	63.53
40°	66.24	64.66	63.29	61.72	60.18	58.61	58.06	57.57	57.19	57.52	58.61	58.99
45°	60.93	60.20	58.55	56.61	54.79	53.31	52.57	52.01	52.01	52.57	53.49	55.13
50°	53.79	53.51	51.81	49.28	47.03	45.34	44.49	44.21	44.49	45.57	47.09	48.72
55°	46.56	45.46	44.24	41.60	39.61	38.45	37.51	37.51	37.73	38.95	40.87	42.65
60°	40.79	39.74	38.11	36.30	34.78	33.85	32.92	32.57	32.69	34.43	36.65	38.69

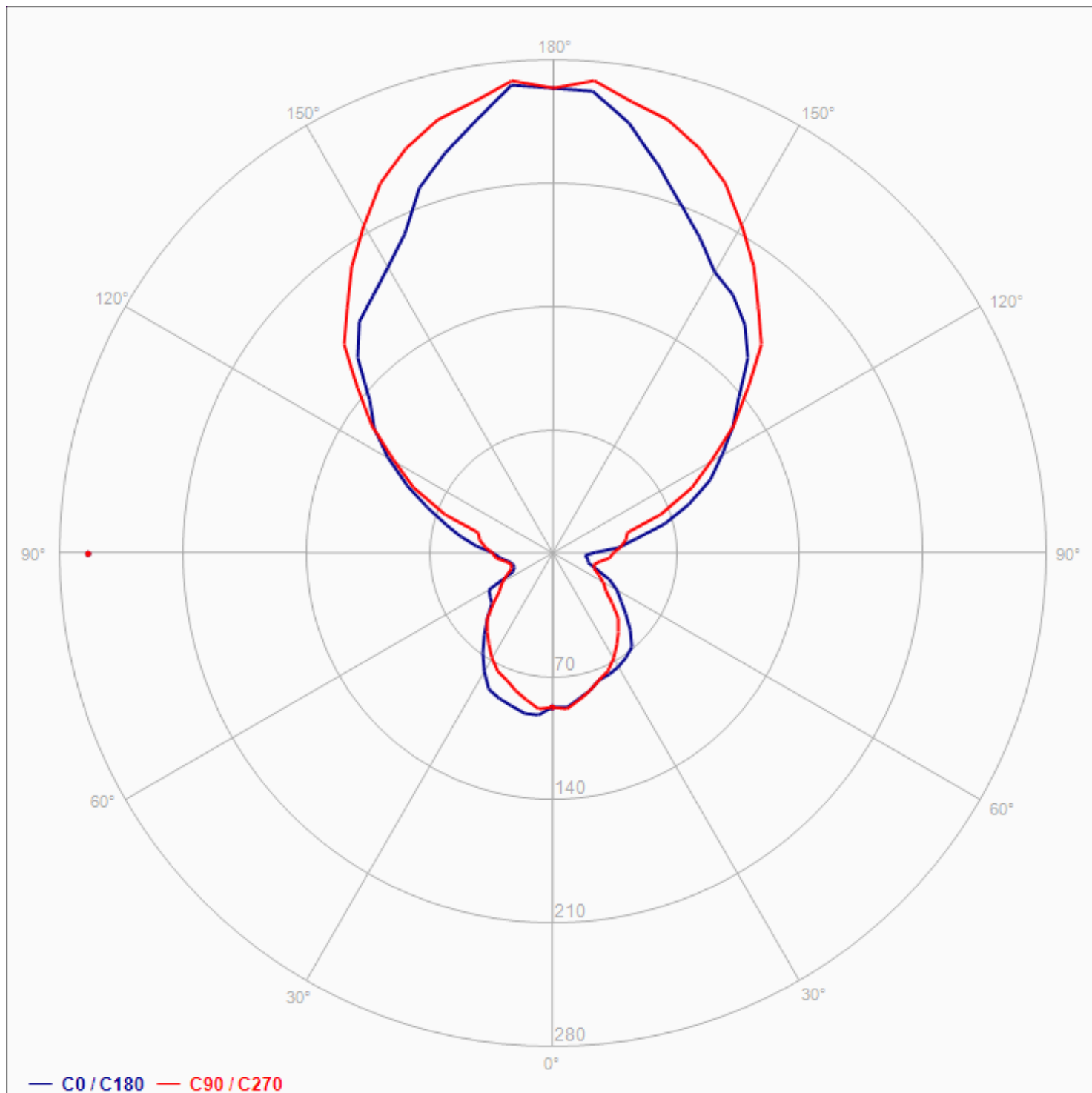
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65°	37.46	36.26	34.10	32.19	30.75	29.79	28.35	27.63	28.05	29.01	30.87	34.16
70°	36.49	35.47	33.64	31.64	29.44	27.56	25.12	21.59	20.50	19.83	20.74	24.22
75°	40.91	40.56	38.98	37.23	33.90	28.73	23.96	20.21	18.88	19.91	21.30	22.01
80°	46.88	45.94	43.32	39.99	36.03	31.59	27.73	24.35	22.25	22.30	23.36	23.64
85°	46.05	47.90	46.83	43.54	40.49	36.25	32.32	29.02	27.35	26.93	26.82	25.80
90°	45.72	49.39	49.04	45.72	42.58	38.97	34.74	31.77	30.39	30.16	30.51	30.51
95°	33.26	34.40	34.40	33.87	33.26	34.76	38.40	41.45	44.50	46.52	48.44	49.39
100°	34.57	35.67	36.25	35.67	35.85	39.23	42.21	42.56	42.97	45.54	47.82	47.06
105°	35.48	36.93	37.72	39.28	40.38	43.15	44.11	44.06	39.95	40.73	42.06	41.40
110°	51.89	55.36	58.28	60.28	60.23	62.97	64.80	59.62	50.80	40.33	37.90	36.80
115°	87.79	89.35	88.75	85.93	84.92	84.56	87.19	89.53	82.04	69.40	59.98	55.97
120°	108.02	110.41	110.35	104.41	103.12	103.47	104.41	110.52	113.32	110.58	109.24	109.99
125°	124.40	130.52	130.52	126.99	123.63	123.46	124.45	125.72	129.42	134.22	134.22	130.13
130°	142.15	146.99	150.54	151.83	150.09	144.41	145.02	148.80	147.37	145.24	145.58	144.57
135°	157.82	159.47	163.63	166.41	169.30	170.44	167.15	168.40	168.05	166.58	163.28	159.69
140°	166.88	170.26	174.83	178.17	180.29	182.03	181.21	182.03	178.00	179.58	177.83	175.06
145°	180.80	184.26	188.06	190.39	193.15	196.49	198.37	200.97	198.93	196.66	192.92	190.32
150°	198.87	203.77	205.89	208.50	211.06	212.56	214.46	216.79	215.68	215.12	212.55	204.99
155°	219.22	223.22	225.55	229.67	229.89	229.96	231.58	230.65	229.72	225.72	224.03	223.91
160°	235.08	240.52	245.83	243.94	245.65	244.88	243.94	244.35	241.52	240.22	237.92	236.98
165°	252.04	254.26	255.95	257.60	255.72	253.28	254.21	257.12	255.60	254.84	252.92	250.53
170°	256.09	258.21	261.33	262.66	262.29	260.85	260.11	260.97	262.17	262.10	263.14	263.61
175°	264.63	264.40	264.92	266.01	266.81	268.08	268.82	269.75	270.89	271.18	271.59	270.84
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87	87.87
5°	88.00	88.00	87.82	87.77	88.17	88.00	88.17	88.17	88.57	88.57	88.57	88.45
10°	84.35	84.35	83.99	83.69	83.32	83.20	83.03	83.27	83.03	82.96	83.57	83.94
15°	79.74	79.39	79.16	79.15	79.16	79.26	78.80	79.03	78.80	79.21	79.56	79.91
20°	75.09	75.09	74.97	74.32	74.26	73.79	73.03	73.32	73.61	74.56	75.68	76.09
25°	70.90	70.50	69.90	69.85	69.57	69.50	69.33	69.61	70.90	72.29	73.87	75.02
30°	68.17	67.11	65.88	65.83	66.22	67.10	67.94	68.89	70.00	71.06	72.28	73.17
35°	63.01	62.34	61.71	61.77	62.06	63.01	64.15	65.17	66.77	67.90	69.78	71.71
40°	59.31	59.47	59.64	59.53	59.31	59.97	61.27	62.10	63.13	65.04	67.66	69.62
45°	56.21	56.61	56.95	57.35	57.74	58.43	58.77	59.51	60.08	61.33	62.81	63.15
50°	49.67	50.75	51.71	52.27	52.61	53.28	53.90	54.52	55.15	55.65	56.44	55.81
55°	44.08	45.51	46.01	46.89	47.28	47.61	47.99	48.71	49.37	50.42	50.81	50.48
60°	40.38	41.66	42.06	42.82	42.42	42.42	42.77	43.52	44.86	45.74	45.74	43.93
65°	36.86	38.00	38.36	38.42	38.42	38.23	38.42	38.78	38.36	38.00	37.22	34.94
70°	28.47	31.88	33.21	33.34	32.97	32.97	32.55	31.76	29.38	26.83	24.45	23.48
75°	23.41	24.38	24.87	24.75	24.67	24.67	24.87	23.83	22.33	20.63	20.99	22.08
80°	23.64	23.24	22.30	21.78	21.78	22.30	22.30	21.67	20.73	21.14	20.20	20.44
85°	25.26	24.91	23.35	22.22	21.44	20.73	19.70	19.17	19.53	19.95	19.17	18.76
90°	29.99	29.82	28.85	27.76	25.81	22.44	19.87	18.09	18.43	19.12	19.92	21.75
95°	48.08	44.08	40.43	36.31	31.96	27.47	25.62	27.18	30.16	33.62	36.13	37.63
100°	44.96	41.98	36.78	32.93	29.72	31.06	36.03	42.92	47.35	48.69	48.64	48.87
105°	40.02	38.19	32.76	29.38	38.98	53.24	60.89	63.31	64.76	65.67	65.97	66.09
110°	34.37	33.40	40.28	52.13	70.88	77.27	78.06	79.46	81.47	82.14	82.56	82.62
115°	60.77	73.23	84.37	91.09	94.44	96.60	96.78	96.00	95.58	96.37	98.70	98.46
120°	113.90	112.38	111.63	113.49	115.59	116.35	112.74	110.29	110.11	111.04	111.80	113.26
125°	128.87	132.56	136.97	134.66	130.08	127.76	129.20	127.93	126.49	127.93	127.38	126.71
130°	144.00	144.51	148.57	149.12	145.41	145.41	147.54	148.16	146.75	144.45	142.81	141.18
135°	159.07	159.42	161.57	162.70	163.11	163.23	163.92	164.02	163.46	162.84	160.84	158.16
140°	170.69	170.15	171.52	171.84	171.35	170.15	172.39	172.93	174.95	176.91	176.86	171.79
145°	187.71	185.50	183.80	184.20	187.03	187.03	184.87	184.30	185.43	187.64	188.08	181.63
150°	201.60	202.82	202.66	203.49	203.60	200.82	196.59	190.52	190.36	191.02	191.25	186.97

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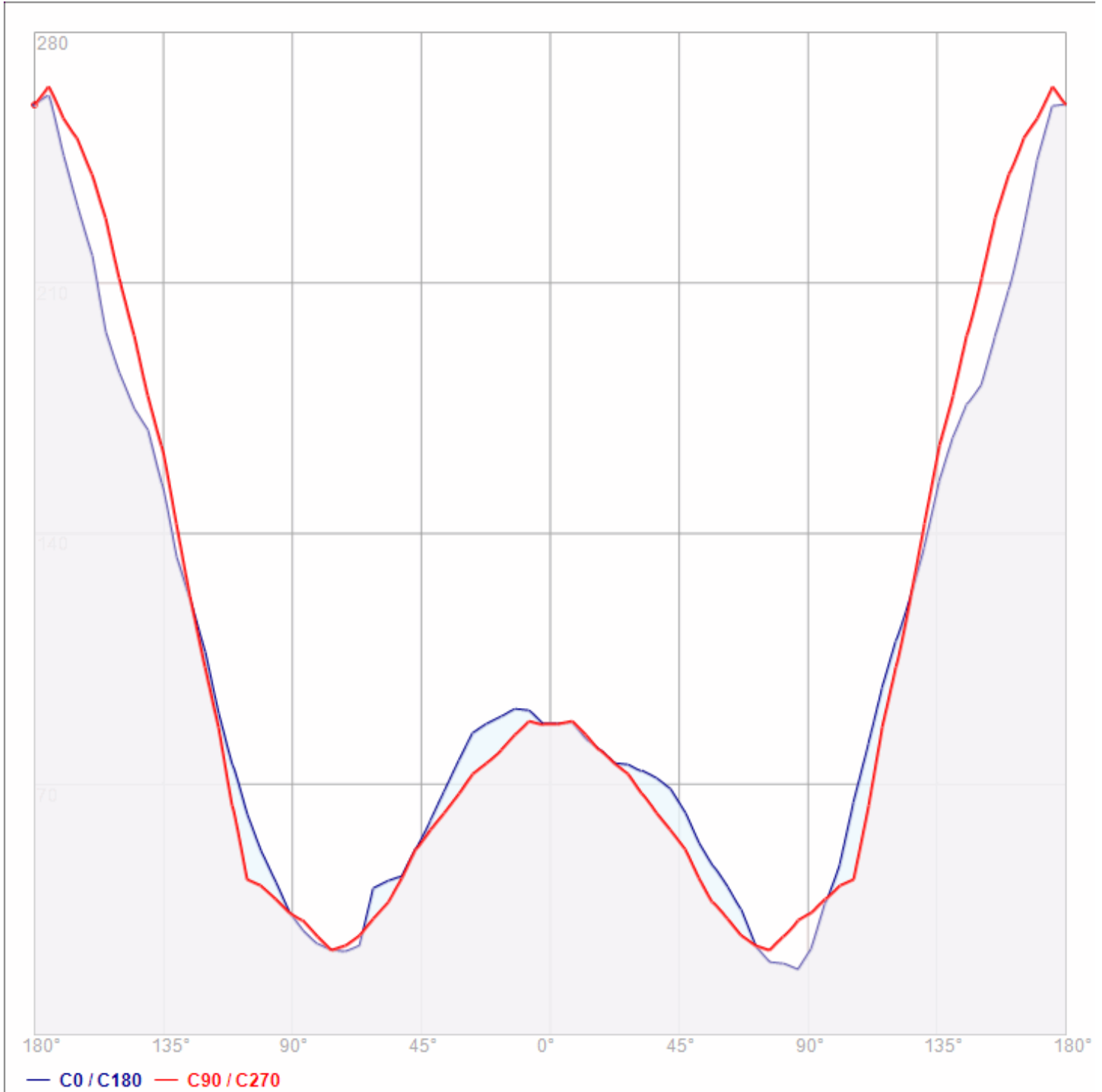
155°	222.87	216.25	215.74	216.42	214.46	208.36	205.39	204.36	202.97	202.50	201.85	200.48
160°	237.15	238.09	237.10	231.72	227.88	224.88	221.92	219.09	216.20	213.36	211.82	211.59
165°	250.12	249.59	249.06	248.95	248.95	247.79	244.86	240.90	236.64	233.89	232.43	230.33
170°	263.37	261.50	259.50	258.79	258.13	256.08	253.97	252.47	250.48	249.76	249.35	248.44
175°	269.75	269.06	267.68	267.33	266.70	265.66	264.92	264.75	264.17	263.82	263.82	263.42
180°	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61	263.61

Photometric Polar Diagram



PHOTOMETRIC MEASUREMENT REPORT N° 10

Photometric Cartesian Diagram



Light Emission Photo



Opening angle

