

PHOTOMETRIC MEASUREMENT REPORT N° 07

Photometric measurement date: **29/08/2017**

Company: **SLAMP S.p.A.**

Operator: **/Dani**

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: **Aria Suspension M gold**

Eulumdat reference: **Aria Suspension M gold**

Size of luminaire (mm): **600 x 0 x 900**

Size of luminous area (mm): **600 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): **1528.73**

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): **43.68**

Light Output Ratio of luminaire (LOR): **99.99**

Downward Flux Fraction (DFF): **48**

Upward Flux Fraction (UFF): **52.00**

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°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	296.28	297.53	297.15	297.24	298.01	298.63	298.51	299.04	298.63	298.96	299.26	299.86
10°	277.48	276.50	275.16	273.62	272.53	271.36	269.82	268.20	267.12	265.06	264.21	262.50
15°	247.36	245.62	244.17	242.36	240.41	238.69	236.89	235.22	233.00	231.82	229.84	228.22
20°	218.27	216.96	215.21	213.83	212.17	210.24	208.79	207.24	205.92	204.12	201.88	200.81
25°	184.67	183.60	182.43	182.11	180.60	179.68	178.56	177.19	175.93	174.36	173.20	172.15
30°	141.79	142.24	142.08	141.66	141.00	140.93	140.87	140.44	140.34	139.53	140.03	139.73
35°	116.17	116.20	116.59	116.66	115.60	115.66	115.39	115.98	115.19	114.81	115.05	115.05
40°	108.36	108.42	108.23	108.85	107.94	108.73	108.26	107.68	107.58	107.34	107.35	107.78
45°	87.47	88.19	87.68	88.14	87.46	87.83	87.04	86.99	87.56	87.56	87.30	86.71
50°	68.27	69.10	68.93	68.73	68.79	68.52	69.15	68.63	69.17	68.65	69.21	69.37
55°	59.02	59.16	59.11	59.77	59.81	59.56	59.03	59.55	58.83	59.03	58.81	58.75
60°	54.18	54.47	54.15	54.47	54.38	53.99	53.37	53.07	53.28	52.84	52.79	53.21
65°	42.62	42.94	42.64	42.91	43.36	42.88	43.08	42.88	42.63	43.02	42.84	42.50
70°	40.48	41.27	40.52	41.14	40.32	40.43	40.69	40.13	40.47	40.10	40.56	40.41
75°	38.01	37.96	37.91	38.18	38.56	37.86	38.21	38.14	37.43	37.42	37.99	37.16
80°	35.77	35.80	36.50	36.44	35.74	35.58	35.38	36.01	35.63	35.37	35.57	35.35
85°	38.01	38.87	38.07	37.88	38.40	37.73	38.35	37.45	37.78	38.20	37.57	37.84
90°	32.60	32.68	32.49	32.59	32.40	32.43	33.18	32.28	32.50	33.04	32.39	32.87
95°	34.99	34.96	35.31	35.63	35.35	34.74	35.02	35.20	34.26	34.89	34.58	34.16
100°	33.37	34.22	34.08	33.48	33.37	33.71	33.11	33.32	33.72	33.15	33.63	33.07
105°	34.99	35.03	35.21	35.22	35.43	35.34	34.99	35.09	34.65	34.22	34.58	34.16
110°	37.34	37.31	37.57	38.03	37.26	37.69	36.92	36.79	37.24	37.12	37.13	37.08
115°	40.89	41.24	40.94	41.75	41.61	41.10	41.65	41.04	41.71	41.20	41.11	40.80
120°	52.70	53.07	53.16	52.80	53.60	52.94	52.97	53.25	52.60	53.12	53.34	53.40
125°	66.49	67.01	66.96	66.82	66.10	65.88	65.72	65.45	65.42	65.29	64.96	64.54
130°	80.43	80.45	80.46	80.11	80.34	80.03	80.56	80.11	80.13	79.75	79.99	79.76
135°	97.71	98.33	97.74	98.54	98.35	98.60	98.66	98.24	98.23	97.83	97.77	97.82
140°	131.01	131.41	130.95	130.67	130.54	131.22	130.40	130.61	129.99	129.88	130.69	130.20
145°	149.40	149.88	149.81	150.16	149.86	150.33	150.02	150.49	150.30	150.61	150.95	150.64
150°	181.53	182.90	183.35	183.03	183.55	184.67	185.06	185.76	185.62	186.80	186.38	186.86
155°	234.32	234.74	233.66	233.08	233.41	233.05	231.82	231.49	231.67	231.24	230.22	229.85
160°	269.36	270.14	269.63	269.80	269.24	269.14	269.22	269.40	268.91	268.51	268.88	268.18
165°	248.65	250.21	250.15	250.93	251.74	252.08	252.16	253.28	253.93	254.45	254.74	255.80
170°	182.22	183.81	184.77	185.83	187.36	188.28	189.44	190.31	191.69	193.00	193.53	194.73
175°	90.92	91.94	92.24	92.21	92.32	93.09	92.82	93.54	93.41	94.58	94.22	94.24
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	300.54	300.64	301.13	301.13	301.33	301.44	301.91	302.52	302.61	303.02	302.83	302.92
10°	261.61	260.20	258.77	256.52	255.64	254.29	252.81	250.93	249.89	248.33	247.19	245.38
15°	225.46	224.31	222.72	219.96	218.42	216.49	214.46	213.50	211.01	208.98	207.78	205.55
20°	198.48	197.13	195.85	194.09	192.56	190.83	188.88	187.57	185.78	184.05	181.92	180.71
25°	171.47	170.08	169.20	167.65	165.98	165.37	164.38	163.35	161.69	160.46	159.94	158.32
30°	139.60	138.70	138.30	137.99	138.02	137.61	138.12	137.26	136.85	136.70	136.24	136.40
35°	114.84	114.92	114.97	114.48	113.75	114.45	113.91	113.86	113.15	113.09	113.15	113.62
40°	106.95	107.69	106.99	107.54	106.89	106.76	106.83	106.20	105.99	105.92	105.84	105.68
45°	87.41	87.43	86.75	86.67	86.98	87.11	86.43	86.42	86.22	86.21	86.02	86.06
50°	68.68	68.83	68.66	68.76	69.52	69.18	69.56	68.68	69.56	69.12	69.35	69.04
55°	58.53	58.57	59.27	58.71	58.98	58.81	58.47	58.52	59.00	58.51	57.98	58.11
60°	52.84	52.75	52.03	52.25	51.79	51.78	51.90	51.46	51.46	50.81	50.63	50.30
65°	42.55	41.97	42.45	41.95	41.97	41.75	42.52	42.48	41.79	42.17	41.48	42.19
70°	39.82	40.47	40.15	39.92	39.79	39.95	39.52	40.26	40.13	39.81	40.03	39.46

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75°	37.74	37.86	37.65	36.78	37.25	37.26	36.50	36.72	37.04	36.73	36.48	36.82
80°	35.72	35.32	35.62	35.41	35.24	35.12	35.47	35.06	35.02	34.56	35.01	34.38
85°	37.64	37.73	37.29	37.27	37.47	37.23	36.99	36.62	36.87	36.47	36.30	36.23
90°	32.21	32.47	32.56	31.92	31.85	31.69	31.90	31.58	31.57	31.55	31.41	32.13
95°	34.63	34.50	33.94	33.86	34.09	34.18	33.83	33.41	33.99	33.37	33.85	33.40
100°	33.24	32.71	33.32	33.01	32.77	33.18	32.98	33.03	32.38	32.40	32.40	31.99
105°	33.94	34.69	34.22	33.90	34.14	33.66	33.92	33.37	34.11	33.63	33.80	33.29
110°	37.25	36.70	37.04	36.50	36.76	36.79	36.11	35.77	36.19	36.27	35.79	36.04
115°	41.11	40.99	41.09	41.47	41.60	40.71	41.25	41.47	41.20	40.79	41.01	40.83
120°	53.24	53.02	52.96	52.68	52.54	52.58	53.12	52.79	53.23	52.55	52.53	53.30
125°	64.22	63.87	63.87	64.22	63.42	63.42	63.05	62.78	62.88	62.27	62.92	61.87
130°	79.60	79.58	79.01	78.47	78.98	79.11	78.97	78.65	78.68	78.21	78.07	77.80
135°	98.45	98.65	98.72	98.49	98.24	98.33	98.02	97.99	97.95	98.39	98.37	98.12
140°	130.17	129.45	129.89	129.44	129.85	129.14	129.59	129.09	129.02	128.73	128.98	128.89
145°	150.43	151.16	150.98	151.27	150.64	150.88	151.32	151.19	151.24	151.60	151.28	151.06
150°	187.50	188.48	188.71	189.56	189.97	190.34	190.49	190.77	191.58	192.17	192.71	193.48
155°	229.36	229.02	228.82	228.68	228.13	227.81	226.80	226.88	225.97	225.48	225.66	224.41
160°	268.43	268.73	267.78	268.22	267.93	267.72	267.56	267.87	267.31	267.72	267.18	266.72
165°	255.74	256.44	257.43	258.19	258.53	259.06	259.31	260.26	261.05	261.21	261.71	262.29
170°	196.34	197.60	198.28	199.39	200.60	201.55	202.83	204.15	205.27	205.94	207.46	208.89
175°	94.67	95.67	95.45	95.94	95.71	96.39	96.88	96.92	97.23	97.81	97.92	98.70
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	303.65	303.60	303.87	304.28	304.98	304.71	304.90	305.19	306.21	306.57	306.42	306.51
10°	244.74	242.43	241.68	240.17	238.88	237.20	235.46	234.03	233.29	231.22	229.97	228.84
15°	203.75	201.83	200.39	197.94	196.51	195.01	193.22	190.89	189.20	186.99	185.47	184.08
20°	178.64	176.93	176.14	174.17	172.02	170.92	169.24	167.02	165.96	164.49	162.19	160.63
25°	157.14	156.40	155.27	153.69	152.87	151.42	150.55	148.82	147.63	146.61	145.33	144.25
30°	135.66	135.64	135.42	135.04	135.47	135.29	134.25	134.28	133.87	133.92	133.38	133.53
35°	113.25	112.84	113.05	112.49	112.83	112.30	111.61	111.98	111.63	111.43	111.17	111.72
40°	106.16	105.66	105.96	105.87	105.72	105.22	105.04	105.57	105.12	104.78	104.91	104.84
45°	86.59	86.56	85.76	85.95	85.63	85.39	85.80	85.71	85.73	85.65	85.15	85.48
50°	69.38	68.87	69.57	69.36	69.75	68.99	69.26	69.84	69.74	69.48	69.35	69.51
55°	58.62	57.77	57.95	57.85	58.46	58.19	57.72	57.57	57.84	58.35	57.63	57.84
60°	50.71	50.08	50.58	49.72	49.64	49.85	50.04	49.38	48.87	48.80	49.15	48.74
65°	41.90	42.09	41.88	41.59	41.39	41.28	41.87	41.76	40.97	41.08	41.65	41.00
70°	39.95	39.48	39.49	38.91	39.10	39.27	38.73	39.29	38.87	39.39	39.17	38.40
75°	35.94	36.28	36.38	35.91	36.46	36.43	35.88	36.10	35.62	35.53	35.61	35.36
80°	34.20	34.65	34.79	34.64	34.32	34.10	34.33	34.45	33.87	33.96	33.58	33.37
85°	36.40	36.36	36.65	36.24	36.48	35.99	35.72	35.59	36.17	35.31	35.07	35.94
90°	31.66	31.35	31.22	31.26	31.67	31.30	31.22	31.65	31.55	30.75	30.67	30.99
95°	33.33	32.95	33.19	32.65	32.60	33.22	32.74	32.35	32.54	32.35	32.07	31.90
100°	32.55	32.15	31.76	32.09	32.08	31.59	31.95	32.22	31.99	32.04	31.31	31.02
105°	33.27	32.88	32.67	32.55	32.83	32.75	32.69	33.13	32.22	32.87	32.01	32.64
110°	35.55	35.90	35.64	35.55	35.75	35.04	35.00	34.75	35.33	34.67	34.93	34.81
115°	41.18	40.68	41.10	41.04	40.92	41.04	41.08	41.17	41.14	40.75	40.63	40.56
120°	53.18	52.92	52.99	52.89	52.73	53.06	53.05	52.82	52.71	53.00	52.52	52.74
125°	62.12	62.30	61.25	60.93	61.46	60.81	61.10	60.80	60.49	59.82	60.12	59.24
130°	77.29	77.88	77.10	77.53	77.28	76.82	77.20	76.91	76.46	76.95	76.27	76.33
135°	98.01	98.47	97.95	98.61	98.70	98.24	98.87	98.11	98.37	98.32	98.04	98.34
140°	128.19	128.15	128.26	128.31	128.01	127.60	127.27	127.64	127.80	126.82	126.71	127.03
145°	151.52	151.21	151.50	151.30	151.80	151.72	152.33	152.42	152.52	152.50	151.79	152.17
150°	193.44	193.71	194.10	195.40	195.47	196.32	196.80	196.93	197.76	198.00	198.80	199.30
155°	224.75	223.86	223.89	223.62	222.87	222.53	221.86	221.74	220.65	220.71	220.11	219.70
160°	267.01	266.98	266.56	266.98	266.44	266.87	266.77	266.65	265.98	265.49	265.73	265.84

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165°	263.17	263.85	264.55	264.94	265.48	265.35	266.72	267.20	267.43	268.11	268.84	269.47
170°	209.43	211.30	212.11	213.09	214.40	215.67	216.05	217.64	218.80	220.25	220.84	222.25
175°	98.68	98.79	98.66	99.56	100.05	99.86	100.39	100.40	101.24	100.78	101.83	102.12
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	306.60	307.30	306.79	306.07	306.42	306.14	305.82	305.17	304.82	304.85	304.49	303.87
10°	226.95	228.80	230.40	231.73	233.53	234.69	236.13	237.42	239.16	240.41	241.36	243.17
15°	181.45	183.77	186.04	187.17	189.49	191.21	192.77	194.55	196.51	198.46	199.97	202.56
20°	158.65	160.39	162.78	164.42	166.15	167.73	168.64	170.96	172.71	174.55	175.34	177.41
25°	142.60	144.27	145.15	146.41	147.43	148.59	150.27	150.80	152.84	153.49	154.35	156.05
30°	132.58	132.95	133.37	133.92	133.64	133.94	135.08	135.03	134.74	134.92	136.14	135.50
35°	110.66	110.82	111.53	112.00	111.99	111.45	111.86	112.16	111.95	112.55	112.27	112.92
40°	104.08	104.63	105.15	104.77	104.91	104.86	105.73	105.57	105.95	105.96	105.73	106.27
45°	84.74	85.74	85.59	85.85	85.87	85.97	85.44	85.92	85.52	85.66	85.51	85.99
50°	68.98	69.49	69.77	69.59	69.53	68.95	69.19	69.47	69.19	69.39	69.15	68.87
55°	57.21	57.96	57.66	58.08	57.69	58.26	57.92	58.17	57.67	58.37	58.15	58.06
60°	48.08	48.72	49.41	48.82	49.65	49.90	49.70	49.99	49.71	50.14	50.66	50.18
65°	40.69	41.31	41.03	41.80	41.10	41.19	41.38	41.08	41.25	41.83	41.90	41.28
70°	38.22	38.76	38.90	39.13	38.63	38.81	38.66	38.92	39.37	39.36	39.18	39.33
75°	34.89	35.67	35.99	35.21	35.40	35.80	36.11	35.89	35.70	36.12	35.92	36.00
80°	33.28	33.54	33.74	33.72	34.14	34.57	33.78	34.31	34.53	34.52	34.87	34.09
85°	34.89	35.58	36.00	35.98	35.67	35.96	35.85	35.53	36.34	35.71	36.67	36.70
90°	30.50	30.74	30.85	30.93	31.67	31.02	31.19	31.38	31.49	31.97	31.45	32.03
95°	31.67	31.80	32.83	32.26	32.10	32.35	33.17	32.75	32.46	32.69	33.10	33.19
100°	30.89	31.59	31.95	31.60	31.49	31.78	31.31	31.86	31.53	31.69	32.05	32.11
105°	31.67	32.24	32.51	32.13	32.69	32.87	33.14	32.68	33.18	32.77	33.21	33.21
110°	34.10	35.04	35.19	34.38	35.22	34.67	35.29	34.87	35.03	35.47	35.23	36.04
115°	40.40	41.13	41.10	40.95	41.44	41.20	40.63	41.00	41.42	41.31	40.96	41.26
120°	52.14	52.69	52.28	52.39	52.80	52.26	52.47	52.27	53.02	53.19	53.00	52.91
125°	59.02	59.34	59.76	59.91	60.43	60.59	60.67	61.03	60.74	61.22	61.53	62.10
130°	75.71	76.58	76.80	76.13	76.27	76.85	76.58	77.06	77.65	77.73	77.19	77.62
135°	97.90	98.80	98.55	98.50	98.24	98.03	97.88	98.82	98.32	98.44	98.83	98.19
140°	126.33	126.74	126.90	126.79	127.03	127.82	127.44	127.55	127.54	127.72	127.96	128.03
145°	151.87	151.99	151.88	152.14	151.96	151.59	152.04	151.78	152.07	152.21	151.61	151.13
150°	198.88	199.33	197.99	197.88	197.30	197.01	196.91	195.69	195.96	194.95	194.08	193.73
155°	218.77	219.30	220.29	220.41	220.56	221.64	222.16	222.54	223.17	223.08	223.28	224.44
160°	265.08	265.40	266.06	265.69	265.63	266.34	266.34	266.01	266.87	267.01	267.15	267.09
165°	269.31	269.16	268.55	267.98	267.48	267.15	266.83	266.09	265.25	264.63	263.71	263.85
170°	222.76	221.67	221.15	219.59	219.17	217.86	216.47	215.66	214.70	212.72	211.59	211.19
175°	101.56	101.43	101.84	100.70	100.72	100.75	100.63	99.73	100.17	99.71	99.58	98.35
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	303.86	303.29	302.97	302.93	302.30	302.25	301.61	301.25	301.12	300.72	301.23	300.75
10°	244.53	245.88	246.72	248.09	249.82	251.37	252.88	254.16	255.93	256.71	258.36	259.37
15°	203.43	205.33	207.44	209.01	210.84	212.77	215.11	216.45	218.10	220.37	222.41	224.34
20°	178.68	180.18	181.86	184.20	185.88	187.53	189.35	191.02	192.12	194.25	195.71	197.47
25°	156.94	157.81	159.02	160.52	161.92	162.90	164.18	165.73	166.02	167.94	168.72	170.15
30°	135.69	136.27	137.04	137.18	137.08	137.29	137.78	138.24	138.18	138.05	138.54	139.47
35°	112.93	113.34	113.47	113.74	114.01	113.98	114.21	114.39	114.44	114.21	114.19	114.23
40°	106.06	105.67	106.24	106.65	106.51	106.21	106.28	106.92	106.67	106.93	107.33	107.07
45°	86.57	86.09	86.20	86.39	86.64	86.38	86.87	86.45	86.36	86.70	87.24	86.53
50°	69.42	68.88	69.40	68.70	68.94	69.58	69.32	69.39	68.62	69.23	69.12	68.84
55°	57.91	58.71	58.63	58.55	58.79	58.87	58.12	58.58	58.63	58.61	58.85	59.29
60°	51.09	50.76	51.32	51.54	51.48	51.24	51.45	51.62	52.05	51.78	52.28	52.49

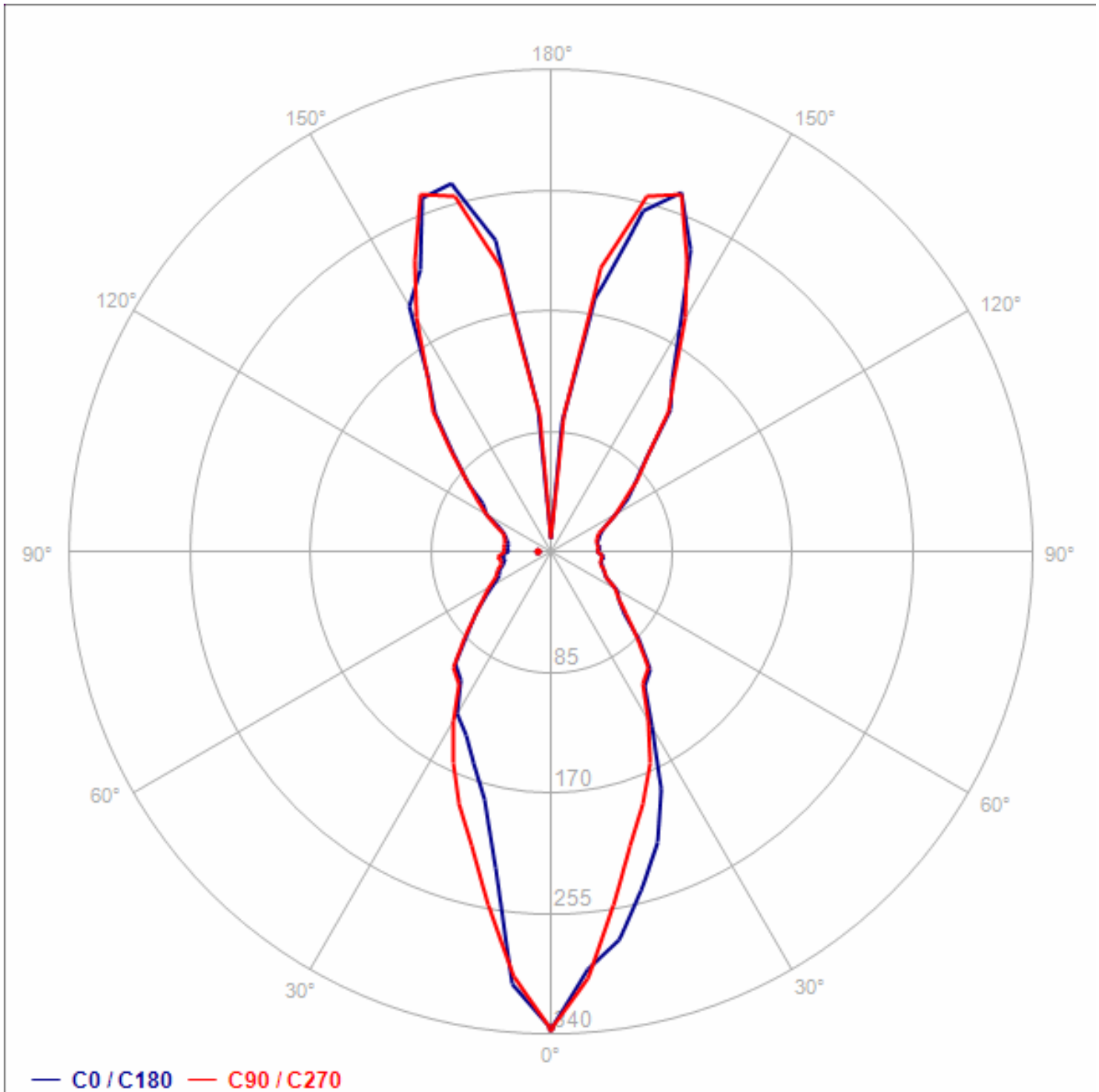
PHOTOMETRIC MEASUREMENT REPORT N° 07

65°	42.15	42.09	41.75	42.04	42.22	41.78	42.47	42.12	42.53	42.74	42.08	42.09
70°	39.30	39.57	39.67	39.55	39.58	39.48	39.72	40.18	39.85	40.07	40.16	39.71
75°	36.52	36.97	36.14	36.50	37.13	36.60	36.90	36.77	36.71	37.62	37.23	37.29
80°	34.94	34.73	35.17	34.58	34.45	35.24	35.16	35.33	35.60	35.16	35.15	35.75
85°	36.92	36.69	36.68	36.41	36.47	36.55	37.31	36.81	37.56	36.78	37.76	37.20
90°	31.60	31.76	32.31	31.74	32.39	32.12	32.02	32.38	32.32	32.02	31.96	32.25
95°	33.51	33.85	33.71	33.29	34.11	34.11	33.96	34.19	33.69	34.22	33.85	33.96
100°	32.53	32.32	32.17	32.66	32.85	32.28	32.92	32.26	32.90	33.15	32.77	32.85
105°	33.39	33.42	32.99	33.19	34.08	34.14	34.07	33.63	34.42	34.22	34.33	34.12
110°	35.89	35.57	36.10	35.47	35.76	36.16	36.55	36.22	36.26	36.69	36.40	36.36
115°	41.21	41.20	40.82	40.89	40.80	41.22	41.44	41.23	41.22	41.24	40.77	40.81
120°	53.27	52.72	52.85	53.38	52.72	53.20	53.19	53.08	53.34	53.44	53.12	53.05
125°	62.47	62.25	62.10	63.04	62.46	63.41	62.99	63.88	63.75	64.25	63.65	64.64
130°	77.93	78.30	78.21	78.35	78.59	78.21	78.67	78.28	79.28	78.83	79.58	78.85
135°	98.08	98.37	98.51	98.76	98.59	97.88	98.60	98.32	98.07	98.50	98.64	98.30
140°	128.77	128.73	128.61	128.60	129.28	129.35	128.77	129.80	129.25	129.20	129.24	129.96
145°	151.95	151.96	151.30	151.72	150.87	150.72	151.22	150.64	151.39	151.30	150.46	150.47
150°	193.15	192.93	192.59	192.37	191.89	191.02	190.33	190.15	189.89	188.76	188.95	188.58
155°	224.65	224.59	225.66	225.64	226.55	226.55	226.72	227.89	227.66	228.26	228.47	228.80
160°	267.25	267.59	267.73	267.04	267.85	267.91	267.91	267.81	268.19	268.22	268.34	268.67
165°	262.79	261.87	261.97	260.97	260.33	260.28	259.32	258.59	258.47	257.83	257.63	256.79
170°	209.31	208.87	207.93	206.45	205.21	204.24	202.66	201.80	200.98	199.52	198.67	197.74
175°	98.74	98.34	98.19	97.14	97.23	97.10	96.75	96.02	96.10	95.83	95.43	95.53
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30	336.30
5°	299.77	300.41	299.94	299.24	299.42	298.43	298.72	298.33	297.86	297.63	297.58	297.39
10°	260.86	262.72	263.50	265.84	266.94	267.86	269.16	270.58	272.42	274.20	274.84	276.95
15°	225.59	228.17	229.19	231.16	233.00	234.84	236.88	238.35	240.60	242.02	244.48	246.45
20°	198.40	201.04	202.34	203.89	205.08	207.08	209.04	210.97	212.32	213.34	215.35	216.87
25°	170.67	172.41	173.49	174.49	176.26	176.76	178.21	179.08	180.03	181.95	183.09	183.58
30°	138.83	139.05	140.06	139.78	140.53	140.94	140.88	141.27	141.56	141.68	141.52	141.64
35°	114.48	115.10	114.89	115.01	115.82	115.10	116.14	116.38	115.91	116.02	116.44	116.62
40°	106.95	107.26	107.21	107.87	108.03	107.99	108.39	108.11	108.72	108.19	108.44	109.11
45°	87.53	87.03	87.40	87.20	87.45	87.15	87.29	88.02	87.78	87.41	87.86	87.50
50°	69.38	68.58	69.19	68.77	69.16	68.58	68.85	68.87	68.81	68.58	68.50	68.86
55°	58.71	59.45	59.19	58.89	58.96	58.71	59.42	59.28	59.82	59.81	59.90	59.28
60°	52.72	52.70	52.58	52.94	52.90	53.95	53.75	53.49	53.90	54.02	54.83	54.07
65°	42.08	42.77	42.74	42.82	42.66	42.98	42.39	42.95	43.25	42.94	43.23	42.67
70°	39.80	40.58	40.63	40.23	40.71	40.25	40.87	40.40	41.10	40.36	40.40	41.39
75°	36.98	37.54	37.53	37.84	37.83	37.92	37.96	37.91	38.57	38.37	37.91	38.31
80°	35.42	35.66	35.95	36.01	35.64	35.65	36.33	35.63	36.38	36.39	36.28	36.68
85°	37.63	37.69	37.42	37.39	37.98	37.78	37.69	37.84	37.79	37.94	37.90	38.85
90°	32.49	32.68	32.86	32.36	32.40	32.28	32.58	32.79	32.39	32.51	32.62	33.38
95°	34.68	34.84	34.28	34.16	34.74	35.08	35.40	34.68	35.45	35.30	34.90	35.09
100°	32.89	33.46	33.39	33.16	33.05	33.20	33.42	33.43	33.50	33.38	33.72	33.97
105°	34.80	34.68	34.13	34.53	34.91	34.73	34.55	35.37	35.52	35.29	35.58	35.77
110°	36.47	36.76	36.88	36.88	37.34	37.10	37.78	37.11	37.78	37.55	38.03	38.00
115°	41.50	41.10	41.71	40.93	41.19	41.61	41.00	41.13	41.62	41.41	41.01	41.21
120°	53.41	53.51	53.12	53.31	53.36	52.87	52.85	53.58	53.32	53.16	52.86	52.80
125°	64.38	64.67	64.43	65.25	65.69	65.82	65.44	65.49	66.62	66.33	66.28	66.81
130°	79.03	79.11	79.14	79.97	79.43	80.07	80.45	80.08	80.57	80.98	80.99	80.98
135°	97.84	98.37	98.34	98.05	97.84	98.36	97.93	97.83	98.54	98.50	98.13	97.90
140°	129.75	130.46	130.09	130.68	130.83	130.61	130.76	131.06	130.55	131.46	131.13	131.51
145°	151.09	150.94	150.15	150.54	150.35	150.71	149.92	150.37	150.47	150.42	149.73	150.32
150°	187.96	186.85	186.46	186.57	185.67	185.07	184.71	184.90	183.72	183.86	183.00	182.33

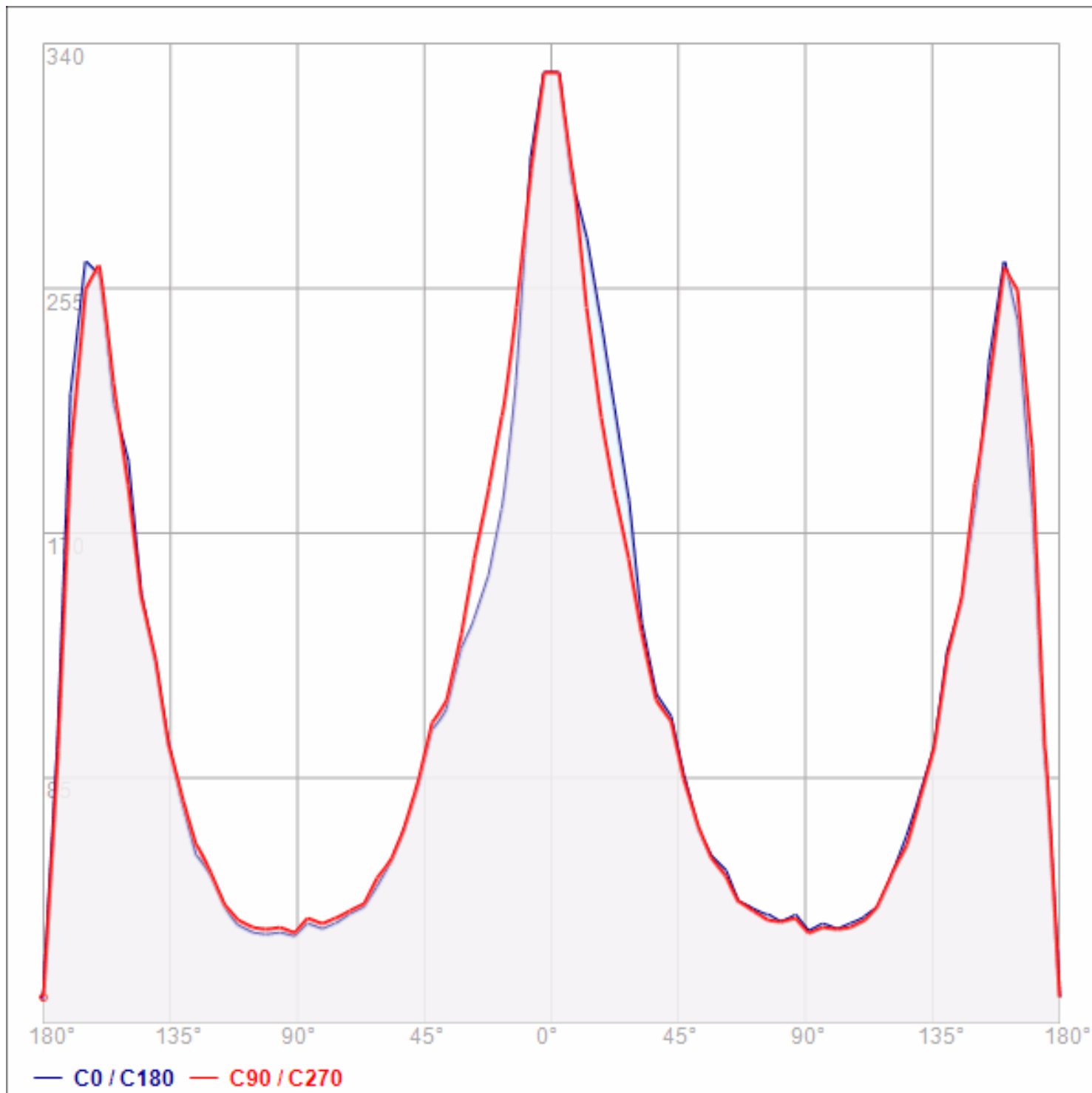
PHOTOMETRIC MEASUREMENT REPORT N° 07

155°	229.44	229.99	230.27	231.10	231.70	231.68	231.98	232.88	233.19	233.76	233.58	234.37
160°	268.80	268.53	269.13	269.15	268.85	269.44	269.18	269.34	269.21	269.07	269.84	270.08
165°	256.34	255.89	254.83	253.86	253.46	253.33	252.50	252.06	250.97	251.01	250.00	249.41
170°	196.66	195.57	193.63	193.00	191.80	190.44	189.57	188.81	187.47	186.24	184.65	183.72
175°	94.54	94.19	94.17	93.99	94.14	93.39	93.56	92.51	92.59	92.73	91.59	91.65
180°	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97	8.97

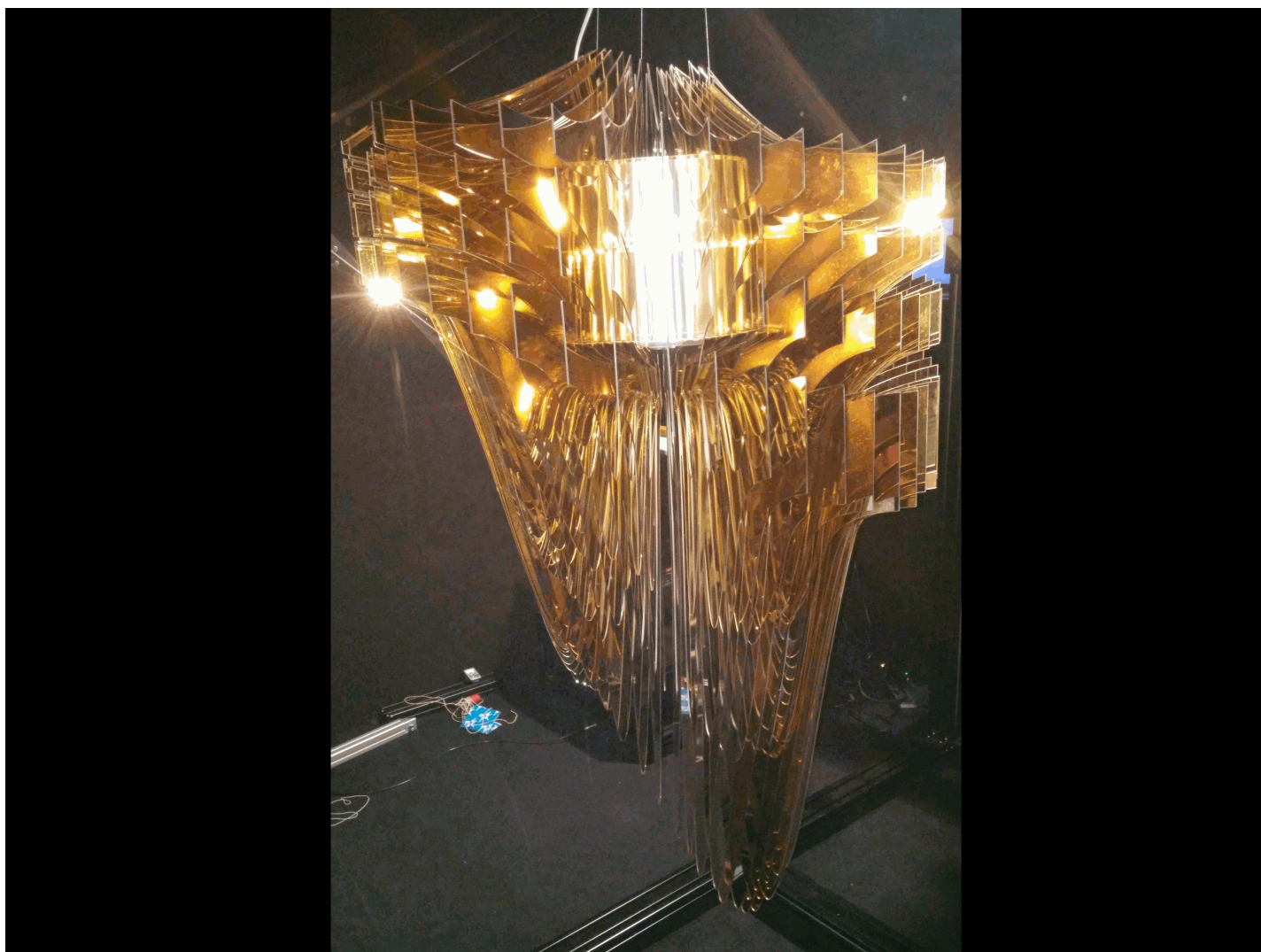
Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emmission Photo



Opening angle

