

PHOTOMETRIC MEASUREMENT REPORT N° 04

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 trasparente**

Eulumdat reference: **Aria Suspension M trasparente**

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): **1317.60**

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): **37.65**

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

Downward Flux Fraction (DFF): **50**

Upward Flux Fraction (UFF): **50.00**

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°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	233.65	234.60	234.31	234.83	234.85	235.00	234.49	234.76	234.79	234.63	235.24	234.66
10°	209.73	210.22	210.62	211.13	210.87	210.95	211.47	211.76	211.08	211.59	211.59	212.23
15°	197.03	196.99	196.71	196.40	195.32	195.06	194.82	194.15	193.55	192.80	192.17	192.30
20°	177.07	176.35	175.72	175.00	174.17	173.40	171.97	171.48	170.72	169.72	168.87	168.60
25°	162.17	162.24	161.55	160.80	160.68	159.45	159.04	158.27	158.17	158.05	157.47	156.78
30°	142.20	142.62	142.59	142.68	143.26	142.62	143.19	142.70	143.49	143.41	143.45	143.42
35°	124.25	124.22	124.96	124.85	125.10	124.59	124.11	124.77	124.41	124.40	124.52	124.73
40°	112.30	113.08	112.64	112.46	112.80	113.28	112.81	113.56	112.90	113.12	113.02	113.77
45°	95.41	95.67	96.66	96.47	96.91	97.15	97.08	97.49	97.12	97.13	97.98	97.74
50°	80.49	80.61	81.04	81.45	81.25	81.66	81.78	81.93	81.08	82.02	81.28	81.74
55°	66.39	67.36	66.81	67.28	67.60	67.45	68.09	67.97	68.43	67.84	67.95	68.26
60°	56.81	57.11	57.09	56.91	57.34	57.39	57.74	57.38	57.69	57.32	57.87	57.72
65°	47.80	48.52	48.13	47.98	48.12	47.86	47.40	48.15	47.79	47.70	47.11	47.89
70°	44.36	44.44	44.28	44.19	44.34	43.96	44.32	44.73	44.35	44.25	44.17	43.91
75°	40.96	41.35	41.22	41.01	41.24	41.34	41.00	40.56	41.16	40.46	40.68	40.90
80°	37.31	37.90	38.03	36.99	37.02	37.17	37.33	37.21	37.19	37.09	36.59	36.99
85°	40.96	41.03	41.42	41.09	41.54	41.37	40.69	41.29	41.06	40.31	40.49	40.32
90°	35.39	36.09	36.02	35.82	35.37	35.33	35.30	35.56	35.46	35.51	35.51	35.19
95°	38.13	38.17	38.83	38.67	38.81	38.63	38.65	37.97	38.06	38.12	38.05	37.36
100°	35.13	35.50	35.30	35.13	35.31	35.22	35.19	35.17	35.10	34.86	34.60	34.31
105°	38.13	38.68	38.52	38.23	38.76	38.48	37.77	37.97	37.88	37.67	38.09	38.05
110°	40.50	40.97	40.66	40.96	40.85	41.17	40.80	40.54	41.09	40.94	40.43	40.40
115°	44.54	45.16	45.43	45.37	45.90	45.38	45.30	45.86	45.69	46.37	46.31	46.45
120°	52.75	53.13	53.82	54.10	54.58	55.19	54.70	55.82	55.65	56.26	56.41	56.41
125°	62.59	63.46	63.89	64.38	64.52	64.90	65.08	64.83	65.17	65.84	66.32	66.06
130°	84.48	85.00	85.13	85.41	84.55	84.59	84.85	84.56	85.42	85.26	84.71	85.12
135°	113.11	113.95	114.06	114.09	113.78	114.57	114.27	114.94	114.41	114.58	114.53	114.53
140°	143.44	143.72	143.55	143.60	143.60	142.81	142.76	143.09	142.13	141.94	142.51	142.15
145°	156.80	157.70	157.46	157.58	157.83	157.20	157.83	157.99	157.94	157.92	157.67	158.62
150°	180.66	181.25	180.92	181.84	181.45	181.97	182.38	182.06	182.38	182.73	182.53	182.93
155°	189.35	190.07	190.92	190.92	191.30	191.19	191.69	191.84	192.49	192.49	193.79	193.31
160°	200.14	200.77	200.86	200.71	200.16	201.07	200.26	200.82	200.74	200.72	200.73	200.89
165°	186.92	186.45	186.01	185.60	185.43	184.86	183.90	183.07	182.89	181.68	181.72	180.74
170°	133.97	132.57	131.43	130.08	128.47	126.99	125.30	123.82	122.30	119.94	118.77	117.38
175°	31.08	31.08	30.32	29.82	28.64	27.83	27.08	26.51	25.76	25.51	24.24	23.57
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	235.03	235.19	234.84	235.72	235.77	235.76	235.50	235.51	236.23	235.95	236.16	235.71
10°	212.06	211.91	212.43	212.21	213.18	213.28	213.42	213.34	213.47	213.45	213.53	213.73
15°	191.17	191.26	190.28	190.08	189.82	189.24	188.00	187.49	186.97	187.12	186.72	185.90
20°	167.76	166.58	165.54	164.89	163.83	163.21	161.83	160.99	160.56	159.61	158.83	158.23
25°	155.72	155.35	154.86	154.00	153.48	153.00	152.40	152.48	151.21	150.85	150.66	149.51
30°	143.64	143.49	143.41	143.08	143.23	143.38	143.51	143.96	143.54	144.14	143.35	143.42
35°	124.71	124.16	123.90	123.92	124.43	124.42	124.09	124.35	123.94	124.53	124.41	124.40
40°	112.91	113.82	113.05	113.50	113.49	113.27	113.42	113.73	113.35	113.40	113.43	113.76
45°	97.57	98.32	97.87	98.26	98.87	99.11	98.31	99.05	99.16	99.08	98.97	99.56
50°	82.20	82.20	82.08	82.08	82.24	82.29	82.55	81.83	82.09	82.10	82.10	82.80
55°	68.76	68.25	69.24	68.53	68.78	69.57	69.17	69.52	69.60	70.21	70.30	69.71
60°	57.94	57.14	57.77	58.05	57.55	58.01	57.17	57.43	57.36	57.75	57.91	57.54
65°	47.10	46.83	46.84	47.05	47.40	46.76	46.70	46.39	47.06	46.42	46.84	46.70
70°	44.28	43.39	43.58	44.01	43.21	43.64	43.67	43.27	43.14	43.37	42.64	43.10

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75°	40.63	40.45	39.91	40.17	40.10	39.75	39.91	39.44	39.41	40.00	39.19	39.70
80°	36.00	36.04	36.17	36.12	35.63	36.00	35.56	35.54	35.75	35.20	35.50	35.37
85°	40.16	40.45	39.91	40.65	39.90	39.84	40.01	40.33	39.90	39.48	40.06	39.19
90°	34.72	35.09	34.81	34.52	35.06	34.65	35.02	35.01	34.43	34.70	34.31	34.33
95°	38.10	37.46	37.77	37.04	37.32	36.95	37.68	37.73	36.98	36.76	37.20	37.02
100°	34.92	34.47	34.81	34.71	34.10	34.22	33.83	34.58	34.47	34.26	33.64	33.46
105°	37.51	37.28	37.76	37.47	37.35	37.49	37.35	36.94	37.55	37.52	37.31	36.52
110°	40.76	40.94	40.85	41.12	41.10	40.68	41.29	40.83	40.77	40.94	40.88	40.39
115°	46.09	46.44	46.60	46.32	46.30	47.04	47.20	46.74	46.95	46.94	46.85	47.11
120°	56.83	57.25	57.53	58.16	58.81	58.62	59.40	59.31	60.07	59.91	60.46	60.78
125°	66.21	67.10	67.21	67.75	67.35	68.47	68.31	68.50	68.69	69.05	69.63	70.14
130°	85.23	85.36	85.14	84.81	85.08	84.46	84.54	85.13	84.83	85.14	84.61	84.56
135°	114.66	115.17	115.47	115.22	115.86	115.75	115.93	115.50	115.89	115.93	116.00	116.64
140°	142.20	141.56	141.95	141.65	141.06	141.20	140.59	140.28	140.02	140.03	139.93	139.40
145°	158.19	157.84	158.82	158.51	159.01	158.60	158.79	159.15	159.13	158.51	158.71	158.98
150°	182.47	183.26	183.01	183.39	183.50	182.89	183.81	183.87	183.62	183.55	183.99	184.51
155°	193.66	194.60	194.38	195.28	195.17	196.24	195.86	196.50	196.55	197.21	197.95	198.05
160°	200.78	200.28	200.24	200.59	200.32	200.43	200.31	200.35	200.44	200.23	200.66	200.73
165°	179.85	179.27	179.31	178.44	178.02	177.45	176.47	176.34	175.35	175.09	173.93	173.67
170°	115.79	114.54	112.38	110.78	109.21	108.09	106.45	105.19	103.40	101.22	100.20	98.01
175°	23.77	22.70	22.06	21.62	21.00	20.17	19.02	18.28	17.84	16.80	16.98	15.38
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	236.63	235.96	236.64	236.86	236.11	236.09	236.45	236.91	237.00	236.99	237.45	237.38
10°	213.75	214.55	213.96	214.66	214.73	214.65	214.61	215.03	215.71	215.96	216.06	215.88
15°	185.14	184.59	183.97	184.24	183.77	183.32	182.76	181.38	180.88	181.30	180.59	180.16
20°	156.85	156.67	155.08	154.49	153.27	153.38	151.59	151.49	150.37	149.72	148.52	147.39
25°	149.09	148.51	147.94	147.91	146.58	146.71	145.82	145.64	145.18	144.61	143.27	143.52
30°	144.17	144.45	143.55	144.49	144.42	144.25	144.01	143.83	144.20	144.58	144.26	144.16
35°	124.44	124.34	124.32	123.74	124.08	123.88	123.86	123.67	123.24	123.97	123.93	123.64
40°	114.29	114.23	113.77	113.72	113.87	114.43	114.04	114.15	114.39	113.96	114.05	114.41
45°	100.01	100.29	99.91	100.42	100.58	100.83	100.28	100.61	101.17	101.16	101.26	101.54
50°	82.73	82.42	82.14	82.52	83.06	83.27	82.79	83.18	82.78	83.30	83.23	83.64
55°	70.44	70.48	70.83	70.57	71.36	70.58	71.24	71.48	71.27	72.08	72.21	72.10
60°	57.90	58.19	57.97	57.91	58.00	57.77	57.41	58.01	57.93	57.94	58.36	58.17
65°	46.27	46.35	46.40	46.33	46.52	46.00	46.14	45.35	45.97	45.56	45.25	45.36
70°	42.86	43.26	42.69	42.17	42.77	42.81	42.26	41.92	41.85	42.14	41.96	41.51
75°	39.11	39.11	39.50	39.69	39.43	38.94	38.77	38.75	38.65	38.72	38.55	38.70
80°	35.34	34.78	34.69	34.98	34.99	34.74	34.57	34.03	34.52	33.59	34.43	34.19
85°	39.54	39.79	39.75	38.97	39.42	38.92	38.77	38.90	38.91	38.98	38.75	38.90
90°	34.11	33.83	34.31	34.44	34.01	34.41	33.73	34.20	33.38	33.72	33.62	33.51
95°	36.70	36.33	36.47	37.04	37.02	36.74	36.25	36.03	36.09	35.80	36.28	35.83
100°	34.19	33.16	33.36	33.06	33.05	33.76	33.59	33.24	33.59	33.27	32.94	33.18
105°	36.86	36.61	36.39	36.26	36.61	36.99	36.85	36.75	36.70	36.44	36.07	36.52
110°	40.78	41.15	41.12	41.21	40.65	40.48	41.18	40.84	40.87	40.67	40.83	40.75
115°	47.79	47.15	48.07	47.44	48.16	47.72	47.89	48.08	48.49	48.11	48.12	48.64
120°	60.65	60.86	61.20	62.01	61.71	62.33	62.78	62.87	63.76	64.15	64.23	64.10
125°	70.43	70.72	70.57	71.16	71.49	71.61	71.82	71.95	72.07	72.85	72.89	73.51
130°	85.16	84.65	85.40	84.60	85.14	84.94	84.95	84.76	84.83	84.54	84.63	84.83
135°	116.53	116.58	117.01	117.01	117.28	116.81	117.76	117.40	117.34	117.88	118.03	117.91
140°	140.06	139.95	139.05	139.65	139.04	138.81	138.94	138.82	138.04	137.93	138.03	137.76
145°	159.59	158.92	159.59	159.60	159.88	160.01	159.24	159.87	159.96	160.13	160.41	160.26
150°	184.59	184.40	184.89	184.38	184.92	185.32	184.62	185.57	185.25	185.73	185.12	185.27
155°	197.93	198.49	198.99	198.76	199.44	200.04	200.56	200.14	201.15	201.16	201.93	201.83
160°	200.24	201.04	200.70	200.28	200.68	200.82	200.57	200.81	200.79	200.49	200.48	200.80

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165°	172.88	173.01	171.82	171.02	170.98	169.73	169.17	168.75	167.93	167.61	167.62	166.28
170°	96.67	95.27	94.27	92.28	90.61	89.02	87.59	85.72	84.20	82.46	81.75	79.38
175°	14.78	14.28	13.59	12.99	12.54	11.81	10.51	10.11	9.53	9.19	7.91	8.04
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	236.67	236.98	237.29	236.57	237.09	237.04	236.39	236.22	236.93	236.44	236.52	236.56
10°	215.44	215.38	215.49	215.89	215.04	214.69	214.84	214.62	214.78	214.75	214.45	214.21
15°	178.82	180.23	179.99	180.46	181.28	181.48	182.28	183.26	183.04	184.18	183.95	184.77
20°	146.42	147.96	148.92	148.98	150.33	151.43	151.93	152.75	153.91	154.42	155.65	156.72
25°	141.99	143.21	144.08	144.51	145.00	144.90	146.18	146.33	146.60	147.58	147.61	148.64
30°	144.03	144.58	144.63	144.38	144.53	144.49	143.90	144.49	144.56	144.01	143.58	144.40
35°	123.11	123.99	123.25	123.86	123.44	123.35	124.11	124.27	123.50	123.94	124.16	124.07
40°	114.07	114.82	114.50	114.44	114.85	114.73	113.78	113.97	114.15	114.43	114.16	113.61
45°	101.18	101.53	101.16	101.24	100.89	101.27	101.07	100.84	100.25	100.45	100.45	99.77
50°	82.76	82.91	83.57	82.97	82.89	82.90	82.81	82.69	82.64	83.03	82.17	82.75
55°	71.51	71.69	71.68	71.50	71.08	71.35	71.14	71.21	70.91	71.22	71.00	70.46
60°	57.47	58.40	57.87	58.12	57.47	57.47	57.45	57.73	57.69	57.41	57.90	57.61
65°	44.92	45.32	45.28	45.98	46.01	46.09	45.89	45.80	46.24	46.10	46.48	45.87
70°	41.33	41.66	42.33	41.62	41.90	42.48	41.88	42.65	42.14	42.87	42.83	42.78
75°	38.02	38.72	38.94	38.70	39.16	38.56	38.60	38.90	38.75	38.76	39.06	39.64
80°	33.24	33.38	33.65	33.67	34.66	34.33	34.22	34.27	34.48	34.45	35.19	34.64
85°	38.02	38.54	38.50	39.06	39.22	38.94	38.52	38.92	38.83	39.33	38.89	39.52
90°	32.95	33.95	33.67	33.21	33.99	33.76	33.73	34.28	34.46	34.28	34.37	34.25
95°	35.49	35.74	36.04	36.69	36.71	36.43	36.84	36.00	36.50	36.87	36.66	36.87
100°	32.29	32.75	32.97	32.96	33.25	33.58	32.89	33.84	33.27	33.23	33.30	33.64
105°	35.49	35.89	35.99	36.22	35.90	36.59	36.27	36.71	36.19	36.75	36.37	36.82
110°	40.12	40.44	40.32	41.13	40.21	40.57	40.72	40.84	40.44	41.15	40.88	40.70
115°	48.10	48.28	48.26	48.62	48.16	48.52	47.92	48.11	47.68	47.68	47.56	47.29
120°	64.20	64.37	64.11	63.88	63.23	63.29	63.25	62.93	62.53	61.35	61.41	61.37
125°	73.20	73.22	72.92	72.72	72.62	72.48	72.22	72.10	71.57	70.73	70.28	70.41
130°	84.39	84.85	85.26	84.40	85.15	84.92	85.39	84.99	85.25	85.02	85.20	84.75
135°	117.60	117.99	117.44	117.98	117.38	117.13	117.28	116.93	116.97	116.69	117.32	116.47
140°	137.11	137.78	137.67	138.05	138.24	138.25	138.21	138.88	138.99	139.33	139.39	139.82
145°	159.59	159.56	159.92	159.49	159.38	159.67	159.99	159.73	159.13	159.12	159.42	158.83
150°	185.33	185.40	185.44	185.46	185.30	185.51	185.48	185.09	184.92	184.74	184.84	184.24
155°	201.85	202.46	201.86	201.48	201.37	200.74	200.55	199.78	199.16	199.03	198.45	198.65
160°	200.24	200.56	200.69	200.37	200.73	201.02	200.39	200.68	200.42	200.95	200.56	200.50
165°	165.51	166.59	167.42	167.98	168.23	169.24	169.16	170.07	171.00	171.03	171.84	172.73
170°	77.64	79.59	81.02	83.26	84.58	86.27	87.40	88.93	91.00	92.07	94.04	95.67
175°	6.37	7.08	8.69	9.27	9.98	10.30	10.49	11.54	12.27	13.27	13.65	14.16
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	236.61	235.79	235.77	235.65	235.38	235.51	236.13	235.39	235.19	235.35	234.92	235.58
10°	214.30	214.19	213.34	213.53	213.03	212.98	213.32	212.91	212.98	212.21	212.78	212.08
15°	185.87	186.26	186.77	186.67	187.32	187.55	188.12	188.76	189.92	190.30	190.34	190.46
20°	156.68	157.77	158.48	159.52	160.28	161.07	161.99	162.82	163.65	164.42	165.81	166.58
25°	149.34	149.64	150.73	150.89	151.19	152.43	152.82	153.17	153.23	153.91	154.94	155.75
30°	144.24	143.44	143.50	143.48	143.54	143.55	143.69	143.69	143.31	143.04	143.24	143.12
35°	124.38	123.59	124.14	124.31	123.74	124.40	123.89	124.26	124.32	123.91	123.99	123.93
40°	113.73	113.63	113.60	113.61	113.62	113.28	113.26	113.67	113.55	113.51	113.72	113.36
45°	100.17	99.44	99.28	99.65	99.10	99.43	98.58	98.60	98.00	98.08	97.84	97.65
50°	82.97	82.14	81.90	82.51	82.38	82.17	81.77	82.06	81.81	81.80	82.03	82.15
55°	70.67	70.25	69.95	69.98	69.58	69.17	69.95	69.12	69.41	69.07	68.39	68.68
60°	57.28	58.22	57.79	57.29	57.51	57.58	57.82	57.89	57.87	57.50	58.01	57.74

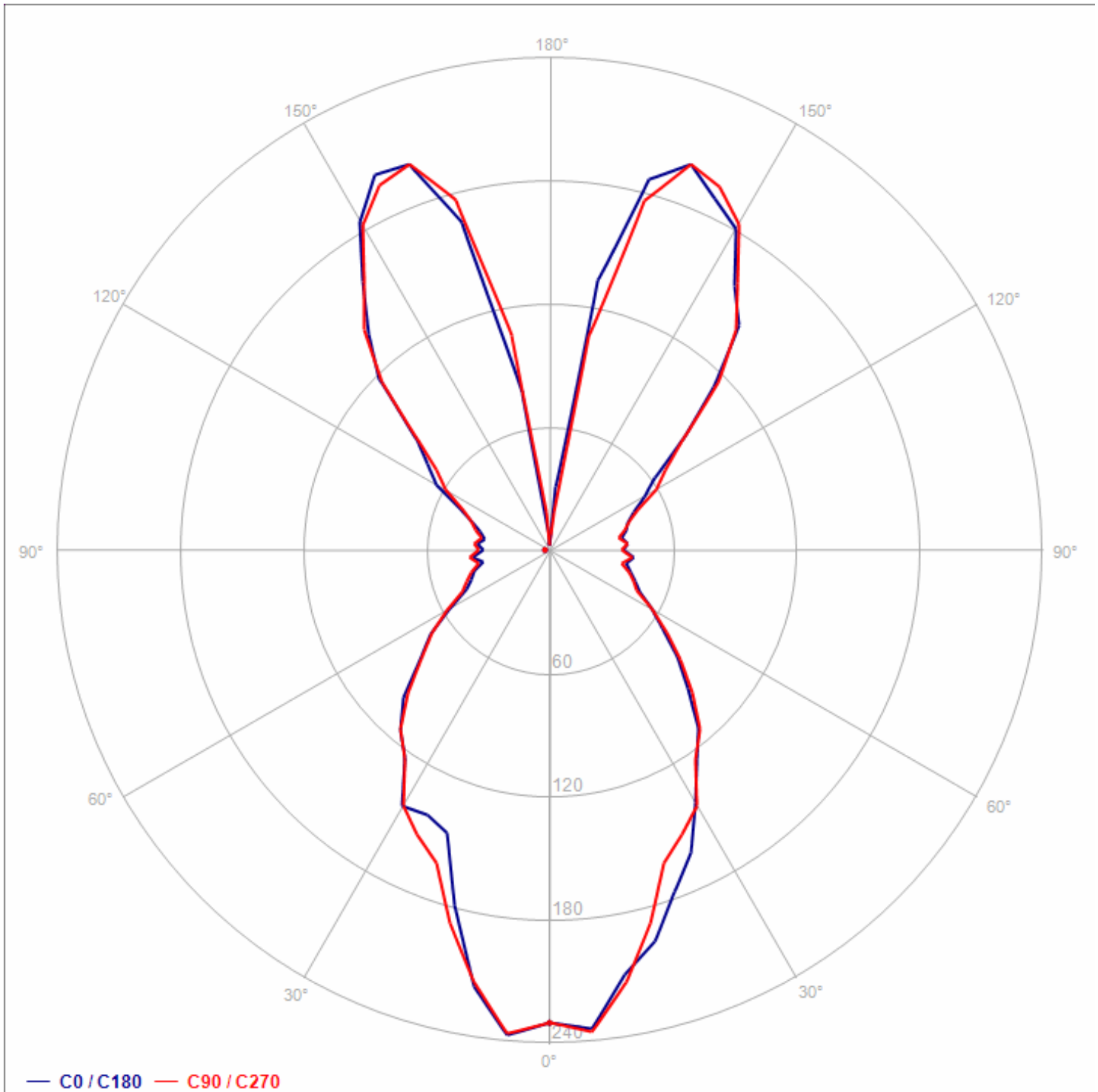
PHOTOMETRIC MEASUREMENT REPORT N° 04

65°	46.24	46.40	46.79	47.07	47.07	46.45	47.26	46.47	47.22	47.11	47.03	46.98
70°	42.65	43.39	42.97	43.13	42.87	42.77	43.26	43.82	43.41	43.48	43.36	44.01
75°	39.22	39.34	39.41	39.71	39.64	39.79	40.02	40.40	40.20	40.01	39.94	40.11
80°	34.67	35.06	35.38	35.28	35.46	35.36	35.62	36.34	36.15	36.59	36.69	36.58
85°	39.87	39.81	39.22	39.41	39.52	40.00	39.72	39.92	39.99	40.08	40.29	40.29
90°	34.68	34.73	34.71	34.43	34.19	34.86	34.89	34.43	34.86	35.17	35.22	34.93
95°	36.75	36.63	37.08	36.90	37.24	37.70	37.21	37.55	37.68	37.08	37.17	37.77
100°	34.13	33.80	33.72	33.59	34.10	34.27	33.90	33.91	34.65	34.39	34.99	35.01
105°	37.14	37.44	36.90	37.24	37.22	36.87	37.78	37.21	37.75	37.18	37.32	37.54
110°	40.94	40.94	40.34	41.20	40.86	41.19	40.93	40.99	40.93	40.57	41.19	40.77
115°	47.65	47.31	47.16	47.10	46.70	47.25	46.67	47.08	46.37	46.58	46.20	45.96
120°	60.73	60.55	60.57	60.31	60.09	58.91	59.23	58.55	58.82	57.99	57.64	57.55
125°	69.74	70.33	69.40	68.79	69.18	68.40	68.02	67.79	68.30	67.87	67.00	66.60
130°	84.61	85.30	85.25	85.13	84.47	84.90	84.96	84.75	84.69	85.08	84.85	84.58
135°	116.72	116.79	116.54	115.99	116.57	115.57	115.67	115.54	115.96	115.63	115.80	114.78
140°	139.32	139.82	139.58	140.51	140.09	140.60	140.71	141.32	141.34	141.61	141.05	141.30
145°	158.82	159.55	159.16	159.05	158.71	158.87	158.20	159.05	158.09	158.11	158.74	158.75
150°	184.08	183.77	183.91	183.96	184.12	183.59	183.19	183.06	182.82	183.08	183.45	183.05
155°	198.49	198.29	197.14	197.02	197.25	196.86	196.36	195.34	195.65	194.79	195.11	194.41
160°	200.42	200.85	200.80	200.94	200.79	200.38	200.24	200.50	200.90	200.21	200.97	200.19
165°	172.78	174.05	174.52	174.49	175.26	176.32	176.42	177.70	177.84	178.61	179.25	179.91
170°	96.79	98.38	99.62	101.29	103.29	104.83	106.46	108.20	109.51	110.68	112.63	114.38
175°	15.19	15.31	16.91	17.17	18.31	19.00	18.74	19.57	20.45	21.49	21.93	22.56
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95	229.95
5°	235.47	235.56	234.70	234.64	234.73	234.55	234.59	234.74	234.73	234.48	234.54	234.37
10°	212.47	212.24	211.77	211.38	211.58	211.54	211.38	210.91	210.63	210.58	210.50	210.15
15°	191.72	192.13	192.23	192.72	193.75	193.57	194.54	194.68	195.02	196.08	196.62	197.39
20°	167.72	168.35	169.45	170.40	170.63	171.35	172.21	173.30	174.31	174.64	176.31	176.29
25°	155.84	156.65	157.31	157.37	158.02	158.59	159.79	159.97	160.92	160.63	162.04	162.37
30°	143.74	143.48	143.36	143.59	143.42	142.89	142.85	142.93	143.22	143.34	142.32	142.42
35°	124.28	124.29	124.71	124.12	124.69	124.79	124.58	124.55	124.79	124.88	124.22	125.21
40°	113.82	113.64	113.66	113.31	113.49	113.08	112.70	112.86	113.05	112.50	113.29	112.56
45°	97.41	98.04	97.35	97.77	97.56	96.76	96.69	96.65	96.72	96.70	96.69	96.01
50°	82.09	81.49	81.73	81.08	81.38	81.33	81.21	80.87	80.78	81.18	81.22	81.07
55°	68.95	68.74	68.51	68.59	68.39	68.04	67.46	67.69	67.92	67.17	67.02	66.63
60°	57.78	57.63	57.01	57.43	57.87	57.02	57.37	57.18	57.74	57.75	57.04	57.63
65°	47.72	47.83	47.67	47.39	47.99	48.08	47.63	47.52	48.16	48.22	48.37	47.90
70°	44.16	43.56	44.49	44.57	44.47	44.72	44.62	44.44	44.21	44.72	44.62	44.95
75°	40.85	40.64	40.88	40.23	40.93	41.37	40.57	41.08	40.80	41.14	41.70	41.67
80°	36.74	36.59	36.36	36.60	37.14	37.36	36.83	37.17	37.02	37.74	37.72	37.23
85°	40.77	40.47	40.60	40.94	40.79	41.09	41.11	40.57	41.38	41.48	41.32	41.82
90°	34.65	35.11	34.98	35.15	35.48	35.30	35.26	35.61	35.45	35.93	35.90	35.79
95°	37.82	38.23	38.04	37.51	37.84	38.19	38.39	37.84	38.28	37.96	38.51	38.24
100°	34.51	35.00	34.55	35.09	35.16	35.27	35.20	34.84	35.18	35.23	35.13	35.74
105°	37.59	38.05	37.95	38.17	37.89	38.60	37.84	38.53	38.53	38.53	38.69	38.89
110°	40.82	40.53	40.53	41.35	41.18	41.42	41.12	40.52	41.26	41.30	41.06	41.25
115°	46.43	46.18	46.04	46.43	45.76	45.93	45.43	45.56	45.49	44.84	45.59	45.21
120°	57.08	56.55	55.94	55.65	56.03	55.84	55.00	54.74	54.99	53.76	54.12	53.34
125°	67.04	65.88	65.93	65.88	64.96	64.84	64.64	64.82	64.40	63.85	63.59	62.92
130°	85.15	85.09	85.35	84.74	84.48	85.20	84.68	84.81	84.98	84.71	84.48	84.57
135°	114.84	115.47	114.46	115.09	114.41	114.67	114.70	113.91	114.57	113.94	114.34	113.74
140°	141.99	141.64	142.61	142.81	142.31	142.58	142.75	143.42	143.09	143.64	143.62	144.05
145°	158.68	157.86	157.65	158.42	158.11	157.67	157.52	157.31	157.49	157.80	157.42	157.68
150°	182.42	182.71	182.55	182.08	182.36	181.74	181.73	181.74	181.75	181.95	181.47	181.28

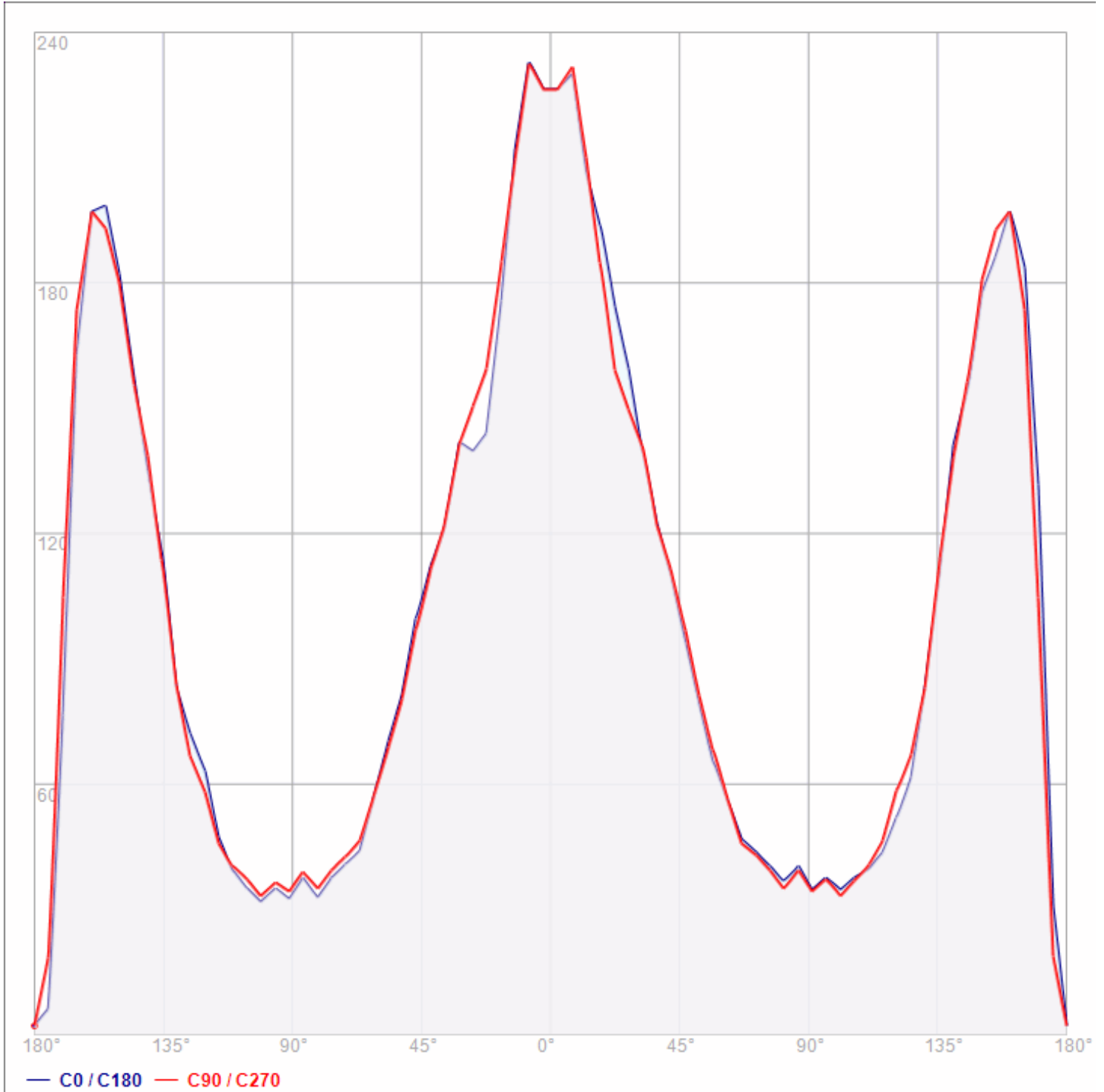
PHOTOMETRIC MEASUREMENT REPORT N° 04

155°	194.38	193.66	192.93	193.14	192.42	192.39	191.75	191.47	191.21	191.32	190.17	190.26
160°	200.86	200.95	200.77	200.47	200.88	201.07	200.43	201.12	200.58	200.18	200.93	200.87
165°	179.94	180.93	181.47	182.55	182.18	183.59	183.40	184.69	184.61	186.09	186.62	186.46
170°	115.92	117.25	118.87	120.47	122.09	123.29	124.66	126.41	127.81	130.11	131.82	133.17
175°	23.23	23.87	24.69	25.37	26.39	26.28	27.42	27.65	28.56	29.44	29.78	30.83
180°	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35

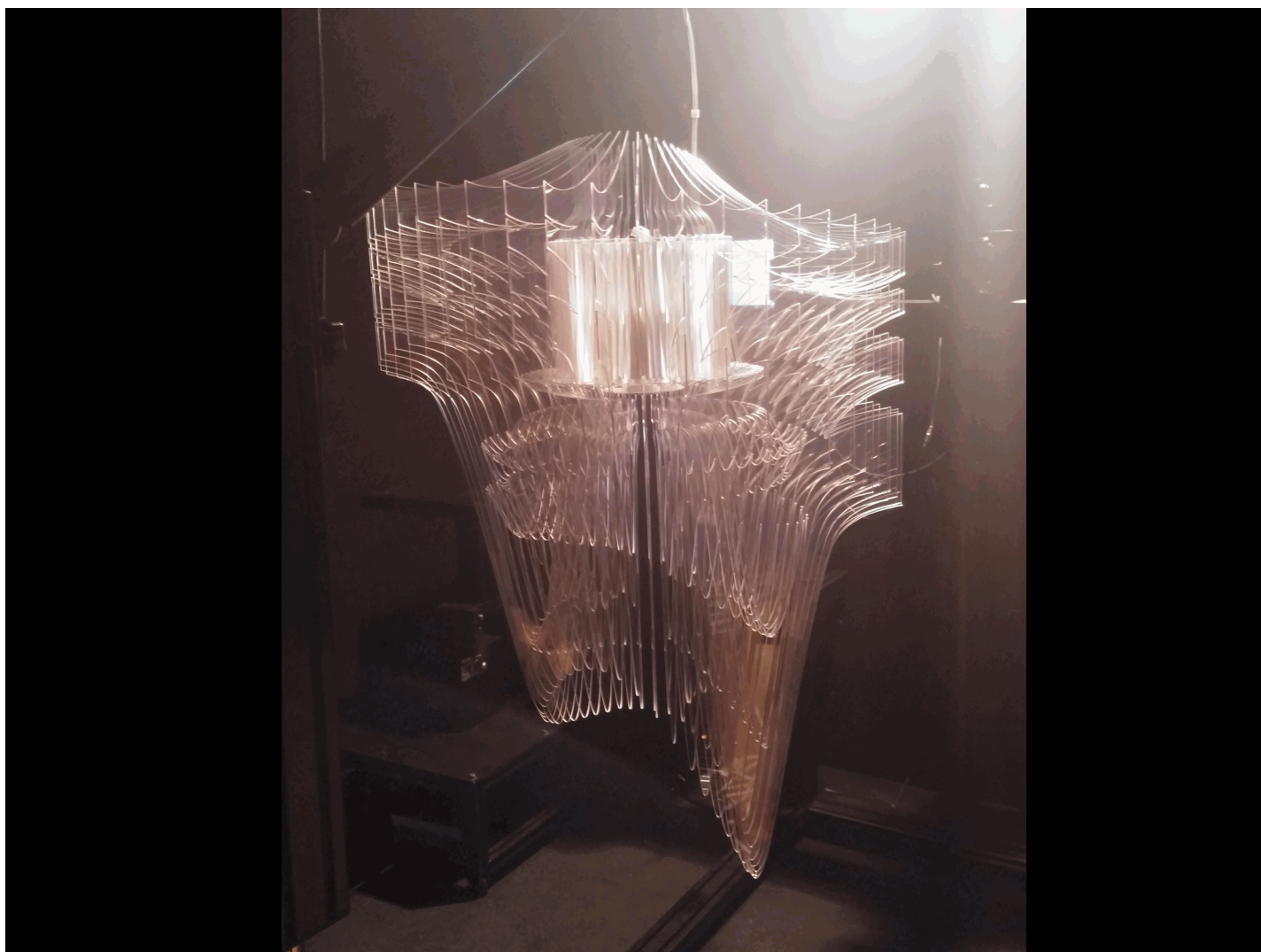
Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emmission Photo



Opening angle

