

PHOTOMETRIC MEASUREMENT REPORT N° 05

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 L trasparente**

Eulumdat reference: **Aria Suspension L trasparente**

Size of luminaire (mm): **700 x 0 x 1150**

Size of luminous area (mm): **700 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): **7000**

Output luminous flux of the lamp (lm): **1317.38**

Colour temperature (K): **2700**

Colour rendering index: **0**

Supply current (mA): **280**

Source power (W): **70**

Power consumption included source power (W): **70**

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

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

Luminaire light efficacy (lm/W): **18.82**

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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	233.62	234.48	234.70	234.63	234.40	234.56	234.98	234.63	234.33	234.71	234.91	235.32
10°	209.71	210.00	210.83	210.39	210.99	211.18	210.86	211.11	211.91	211.32	212.08	211.92
15°	197.01	197.32	196.26	195.90	195.42	195.06	194.15	194.18	193.21	192.80	192.83	191.79
20°	177.06	176.52	175.50	174.95	173.97	173.44	172.48	171.96	170.41	170.19	169.51	167.86
25°	162.16	162.36	161.33	160.90	160.19	159.75	159.46	159.01	158.37	157.59	157.35	156.10
30°	142.18	143.08	142.87	143.22	142.59	142.58	143.12	142.73	143.37	142.78	142.81	143.35
35°	124.24	124.43	124.80	124.60	124.70	124.65	124.07	124.18	124.89	124.32	124.32	124.59
40°	112.29	113.34	112.41	112.84	113.40	112.59	112.74	113.47	112.85	113.19	113.01	113.06
45°	95.40	95.68	95.97	96.65	96.97	97.03	97.36	96.93	97.22	96.86	97.11	97.25
50°	80.48	80.93	81.24	81.00	80.86	81.21	81.08	80.95	81.46	81.74	81.69	82.12
55°	66.39	66.91	67.59	67.69	67.80	67.37	68.06	68.18	68.32	68.13	68.47	68.28
60°	56.80	57.00	57.19	57.09	57.09	57.34	57.18	57.82	57.84	57.67	57.81	57.50
65°	47.79	47.82	48.62	48.33	47.55	47.96	48.03	47.33	47.39	47.12	47.64	47.02
70°	44.35	44.43	44.68	44.37	44.22	44.05	44.35	44.54	44.41	44.50	43.72	44.10
75°	40.96	40.91	41.56	41.66	41.10	40.96	41.15	41.31	41.17	40.58	40.87	41.03
80°	37.30	37.55	37.74	37.30	37.66	37.35	37.19	37.28	36.41	37.10	36.30	36.80
85°	40.96	40.97	41.71	41.43	41.38	41.42	40.82	40.60	40.89	40.40	41.09	40.79
90°	35.38	35.60	35.59	35.58	35.33	35.69	35.12	35.70	35.42	34.83	34.89	34.93
95°	38.13	38.39	38.85	38.35	38.55	38.21	37.88	38.48	37.81	38.04	37.93	37.66
100°	35.13	35.60	35.47	35.80	35.39	35.67	35.00	34.91	34.82	34.89	35.06	34.74
105°	38.13	38.27	38.96	38.89	37.93	38.20	38.21	37.74	37.68	37.76	38.13	37.43
110°	40.49	40.49	40.80	41.01	40.84	40.89	40.53	40.70	40.95	40.68	41.11	40.90
115°	44.54	45.12	45.43	45.51	45.46	45.82	45.35	45.82	45.44	45.58	45.83	45.84
120°	52.75	54.04	53.47	54.69	54.39	54.70	55.45	55.62	55.32	56.31	56.54	57.20
125°	62.58	63.19	63.31	64.45	64.19	64.72	64.66	65.18	65.26	65.36	65.95	66.62
130°	84.47	84.65	85.14	84.55	84.80	84.48	85.36	84.62	85.08	84.61	85.08	85.09
135°	113.09	113.80	113.62	113.92	113.98	114.20	114.03	114.88	115.07	114.25	114.66	115.00
140°	143.43	143.33	143.39	143.51	143.45	143.22	143.30	142.65	142.68	142.11	142.18	142.46
145°	156.79	157.04	157.77	157.29	157.34	157.74	157.84	158.04	158.18	158.25	158.19	157.84
150°	180.64	181.62	180.92	181.56	181.89	181.46	181.70	182.02	182.04	182.77	181.98	182.21
155°	189.33	189.76	190.54	190.43	191.65	191.15	192.31	192.37	192.53	193.35	193.48	193.91
160°	200.12	200.30	200.32	201.05	200.98	200.76	200.14	200.81	200.36	200.53	200.96	201.07
165°	186.90	187.30	186.19	185.67	184.60	184.02	184.30	182.78	182.34	182.10	181.71	181.01
170°	133.96	133.26	131.21	129.96	128.68	126.26	124.62	123.34	122.42	120.82	119.30	116.97
175°	31.08	31.21	30.23	29.72	28.36	28.38	27.36	27.09	26.42	25.37	24.25	24.49
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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	234.99	235.33	235.42	235.68	235.88	236.01	236.06	235.55	235.46	236.10	236.30	236.28
10°	212.43	211.82	212.42	212.57	213.19	212.76	213.51	213.54	213.63	213.35	213.52	213.67
15°	191.56	190.55	190.47	189.73	189.38	189.35	188.54	187.69	187.02	186.60	186.82	185.84
20°	167.01	166.34	165.75	164.45	164.30	162.73	162.20	161.83	160.37	160.07	158.55	157.68
25°	155.78	155.73	154.69	154.10	153.45	152.90	152.63	152.34	151.69	150.99	150.67	149.42
30°	143.35	143.17	143.53	143.72	143.55	143.40	143.17	144.10	143.61	143.88	143.44	144.23
35°	124.13	124.20	123.86	124.19	123.93	124.32	123.94	124.60	124.42	123.86	123.62	123.90
40°	113.42	113.45	113.68	113.88	113.99	113.81	114.00	113.65	113.67	114.00	113.47	114.25
45°	97.74	97.56	97.89	97.99	98.82	98.35	98.73	99.10	99.47	98.93	99.29	99.46
50°	81.87	81.33	81.38	82.04	82.44	82.19	81.86	81.79	81.83	82.21	82.26	82.57
55°	68.67	68.93	68.87	69.24	69.33	69.68	69.15	69.96	70.09	69.57	70.25	69.69
60°	57.05	57.86	57.28	57.73	57.85	57.65	57.57	58.00	57.71	57.59	57.37	57.91
65°	47.68	47.41	47.01	47.52	47.22	46.45	46.75	46.89	46.67	46.36	46.40	46.17
70°	44.01	43.53	44.06	43.52	43.79	43.27	43.70	43.74	43.18	42.83	42.57	42.92

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75°	40.64	40.85	40.12	40.66	40.26	39.87	40.03	39.49	40.17	40.03	39.68	39.24
80°	36.11	36.81	36.52	36.01	35.59	35.96	35.57	35.85	35.66	35.72	34.88	34.95
85°	40.47	40.02	40.56	39.86	40.16	39.90	39.93	40.38	39.64	39.44	39.60	39.20
90°	35.05	34.98	35.39	34.48	34.87	34.64	34.25	35.04	34.28	34.72	34.39	34.06
95°	37.33	37.96	37.88	38.02	37.33	37.86	37.20	36.89	37.15	37.45	37.03	36.96
100°	34.22	34.16	34.74	34.09	34.41	34.37	34.10	34.30	34.28	33.79	33.92	33.51
105°	37.88	37.53	37.24	37.59	37.60	37.41	36.89	37.37	37.39	37.34	36.98	37.26
110°	41.14	40.53	41.33	40.53	41.14	41.24	40.57	40.32	40.81	40.55	40.74	40.56
115°	46.41	46.20	46.08	46.05	46.72	46.78	47.11	46.43	46.70	47.47	47.02	47.31
120°	57.45	57.47	57.33	58.15	58.29	58.60	59.15	59.74	59.78	59.69	59.89	60.67
125°	66.62	66.69	67.08	67.82	67.77	68.04	68.68	69.03	69.42	69.07	69.14	69.41
130°	85.03	85.24	84.62	84.44	85.14	84.65	84.46	84.49	85.18	84.48	85.15	84.55
135°	115.59	115.44	115.80	115.76	115.67	116.19	116.12	116.17	116.53	115.76	116.12	116.02
140°	141.81	141.97	141.94	141.49	140.97	141.03	140.74	140.51	140.24	140.07	140.06	139.90
145°	158.57	158.67	157.91	158.22	158.73	158.33	158.77	158.56	158.51	158.64	158.49	158.85
150°	182.34	182.63	183.38	183.27	182.93	183.60	183.51	183.16	183.69	183.42	183.52	184.20
155°	194.02	194.26	195.18	194.68	195.83	196.21	196.04	196.43	196.63	196.80	197.54	198.03
160°	200.66	200.54	200.37	200.37	200.28	200.17	200.22	200.49	200.83	200.53	200.46	200.70
165°	179.80	179.51	179.46	178.44	177.99	176.81	176.84	175.72	175.63	174.61	174.40	174.05
170°	115.28	113.67	112.77	111.36	109.71	107.79	105.85	104.79	103.63	102.08	99.71	98.68
175°	23.44	22.97	22.41	21.43	21.05	19.94	19.53	18.52	17.91	17.21	16.38	16.21
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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	236.18	236.62	236.43	236.62	236.63	236.39	236.66	237.22	237.21	236.50	236.85	237.23
10°	213.55	214.01	214.41	214.23	214.92	215.26	215.13	214.89	215.70	215.07	215.14	215.56
15°	185.03	184.70	184.25	183.78	183.12	182.99	182.68	181.35	181.38	181.08	179.98	179.64
20°	156.98	155.93	155.57	154.91	153.92	152.87	151.83	150.68	150.39	149.17	148.82	147.36
25°	149.28	148.79	147.62	147.86	147.44	146.55	145.53	145.03	144.43	143.85	143.57	143.47
30°	143.75	144.23	143.53	143.86	144.24	144.40	144.24	144.72	144.40	144.18	144.37	144.00
35°	124.44	123.63	124.03	123.50	124.02	123.98	123.71	123.32	123.52	124.17	123.96	123.66
40°	114.46	113.60	114.01	114.46	113.67	114.25	114.37	114.31	114.41	114.15	114.48	114.16
45°	99.35	99.83	100.12	100.41	100.23	100.93	100.43	101.05	101.22	101.08	101.71	101.70
50°	82.12	82.98	82.22	82.86	82.28	82.62	83.37	83.27	82.81	82.79	82.93	82.98
55°	70.10	70.73	70.94	70.24	70.91	70.53	71.52	71.52	71.45	71.31	72.00	72.18
60°	57.97	57.91	57.98	58.24	58.30	57.94	57.89	57.61	57.68	57.55	58.41	57.69
65°	45.96	45.83	46.35	45.66	45.89	46.20	45.58	46.16	45.26	45.20	45.52	45.58
70°	42.93	43.04	42.45	42.87	42.72	42.26	42.69	42.71	41.96	42.18	41.60	42.36
75°	39.14	38.99	38.99	38.82	39.20	39.04	39.16	38.82	38.91	38.65	38.64	38.65
80°	35.09	35.31	34.42	34.84	35.02	35.00	34.82	34.03	34.07	33.99	33.88	33.39
85°	39.22	38.95	39.40	39.61	38.88	39.05	39.13	38.47	38.47	38.48	38.79	38.33
90°	34.32	34.22	33.76	33.74	34.40	33.85	34.28	34.25	33.88	33.86	33.33	33.08
95°	37.18	37.29	36.87	36.33	36.40	36.66	36.66	36.49	36.42	35.75	35.95	36.07
100°	33.26	33.52	33.43	33.89	33.24	32.95	32.97	33.32	33.57	32.93	33.44	32.38
105°	36.45	36.61	36.64	36.16	36.22	36.87	35.98	36.20	36.13	36.19	36.07	36.17
110°	40.96	40.36	41.17	40.48	41.11	40.79	40.43	40.92	41.03	40.54	40.49	40.71
115°	47.27	47.28	47.29	47.75	47.34	48.34	48.18	48.16	48.58	48.36	48.17	48.97
120°	60.81	60.99	61.08	62.27	62.55	62.69	62.71	62.90	63.31	63.76	63.72	64.84
125°	70.62	70.11	70.69	70.76	71.44	72.10	72.18	71.80	72.54	73.22	73.29	73.54
130°	84.99	85.33	84.81	84.67	85.16	85.18	84.56	84.54	84.85	84.89	85.25	84.77
135°	116.33	116.34	116.38	117.40	116.71	116.75	117.03	117.51	117.99	118.07	118.01	117.69
140°	139.27	139.92	139.56	138.98	138.55	139.16	138.30	138.03	138.15	137.63	138.02	137.62
145°	159.34	159.56	159.08	159.52	159.71	159.13	159.13	159.89	159.55	160.14	159.77	160.28
150°	184.14	184.74	184.22	184.29	184.81	184.63	184.89	185.45	185.12	185.50	185.22	185.80
155°	198.00	198.31	198.55	199.17	199.87	200.04	200.58	200.85	200.76	201.69	201.75	201.78
160°	200.43	200.23	200.40	200.48	200.33	201.09	200.48	200.57	201.18	200.44	200.50	201.04

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165°	173.05	172.28	172.42	171.62	170.39	170.11	169.12	169.42	167.94	168.16	167.39	166.46
170°	97.02	95.78	94.17	92.27	90.25	88.68	87.54	85.99	83.99	83.03	80.79	79.85
175°	14.66	14.21	13.63	13.26	12.03	11.69	10.53	10.38	9.85	8.96	8.23	7.89
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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	236.64	236.82	236.88	236.65	237.25	237.08	236.70	236.43	236.93	236.03	235.86	236.14
10°	215.41	215.80	215.54	215.32	214.94	215.02	214.68	214.90	214.75	214.82	213.96	213.97
15°	178.79	179.93	180.45	180.56	181.63	181.63	182.14	182.48	183.38	183.39	184.82	184.86
20°	146.40	147.36	148.25	149.79	150.14	150.76	152.36	152.72	153.29	154.26	155.83	156.35
25°	141.97	143.31	143.71	144.53	144.23	145.06	145.85	146.35	147.28	147.84	148.01	148.23
30°	144.01	144.79	144.59	144.50	144.51	144.04	144.22	143.69	144.12	143.67	143.93	143.88
35°	123.10	123.79	123.35	123.74	124.08	123.54	124.14	123.37	123.54	124.11	124.36	123.74
40°	114.05	114.94	113.99	114.00	114.21	114.74	114.46	113.92	114.20	113.79	113.83	114.16
45°	101.17	101.23	100.94	101.22	101.43	100.73	100.67	100.83	100.38	100.39	100.31	99.70
50°	82.75	83.43	83.03	83.54	83.38	83.04	83.03	82.91	82.62	82.30	82.89	82.38
55°	71.50	71.46	71.27	71.32	71.74	71.01	71.63	71.31	71.24	70.53	70.53	70.56
60°	57.47	58.03	58.10	58.02	57.50	58.16	57.84	58.05	57.78	57.69	57.51	58.16
65°	44.91	45.13	45.16	46.09	46.16	46.20	45.64	46.05	45.87	46.05	46.65	46.60
70°	41.33	42.26	42.32	42.13	42.64	42.49	42.01	42.00	42.69	42.12	42.63	42.64
75°	38.02	38.96	38.26	39.01	38.40	39.16	39.41	39.03	39.62	39.65	39.69	39.54
80°	33.24	33.53	34.23	33.79	34.16	34.04	34.26	34.58	35.03	34.63	34.54	34.72
85°	38.02	38.65	38.93	38.53	39.31	39.16	39.38	39.09	39.22	38.96	39.12	39.72
90°	32.94	33.68	33.58	33.30	34.04	33.67	34.22	33.77	33.83	34.51	33.69	33.78
95°	35.48	36.44	35.75	36.26	36.74	36.50	36.22	36.83	36.88	36.70	36.73	36.38
100°	32.28	33.06	32.61	33.25	32.70	32.76	32.93	33.26	33.84	33.15	33.89	33.34
105°	35.48	35.87	36.25	36.29	36.53	36.33	36.42	36.83	36.23	36.98	37.21	36.50
110°	40.12	40.45	41.10	40.20	40.22	40.47	41.00	40.80	41.14	40.48	40.90	40.28
115°	48.09	48.54	48.58	48.06	48.57	48.02	48.14	47.50	48.25	47.33	47.52	47.45
120°	64.19	64.46	63.83	64.03	63.77	62.83	63.22	62.05	62.23	62.12	61.53	61.57
125°	73.19	73.15	73.35	72.46	72.75	72.09	72.06	71.68	71.68	71.52	70.51	70.89
130°	84.38	84.65	84.66	84.64	85.12	84.63	85.01	85.14	84.77	84.40	84.85	85.08
135°	117.58	117.99	118.20	117.79	117.31	117.58	117.72	117.54	117.31	116.63	117.06	116.38
140°	137.09	137.78	138.00	137.72	138.32	138.90	138.43	138.52	138.89	139.33	139.03	139.18
145°	159.57	160.02	159.42	159.35	160.10	159.68	159.28	159.68	158.97	159.00	159.28	159.44
150°	185.31	185.52	185.12	185.53	185.67	184.79	184.93	184.44	184.62	184.38	184.92	184.09
155°	201.82	202.05	201.83	201.53	200.92	200.91	200.17	200.02	199.96	199.34	198.39	198.21
160°	200.22	200.67	201.02	200.56	200.57	200.24	201.12	201.19	200.24	201.18	200.64	200.74
165°	165.48	166.41	166.80	167.92	168.28	168.52	169.81	169.84	171.18	171.76	171.86	172.94
170°	77.63	79.77	81.10	82.83	84.62	85.73	87.85	89.17	90.19	92.61	94.27	94.91
175°	6.37	7.65	8.60	8.58	9.80	10.18	10.79	12.02	12.02	13.51	13.60	14.35
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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	236.50	235.91	236.24	235.56	236.04	236.05	235.49	236.00	235.69	235.60	235.24	235.49
10°	213.89	213.73	213.29	213.40	213.69	213.33	213.48	213.39	213.05	212.87	212.23	212.23
15°	185.81	185.73	186.70	186.56	187.37	188.18	188.39	188.54	188.95	190.22	190.65	190.45
20°	156.67	158.15	158.73	159.70	160.82	161.63	162.44	162.69	163.73	164.65	165.26	166.03
25°	149.45	150.05	150.60	151.01	151.57	152.01	152.48	152.89	153.79	154.68	155.03	155.05
30°	143.68	143.53	144.08	143.66	143.97	143.23	143.62	143.61	143.57	143.09	143.72	142.94
35°	123.72	123.61	124.46	124.51	123.87	123.89	124.62	124.65	123.92	124.20	123.93	124.35
40°	114.20	113.99	114.33	113.59	114.02	114.07	113.74	113.37	113.37	113.97	113.18	113.33
45°	99.73	99.98	99.24	98.78	98.96	99.23	98.92	98.18	98.95	98.04	98.05	97.70
50°	82.92	82.13	81.91	82.43	81.76	82.21	82.35	82.32	82.16	82.17	82.32	81.54
55°	70.28	70.59	70.25	69.84	69.88	69.26	69.00	69.25	69.21	68.53	69.20	68.63
60°	57.64	58.06	57.87	58.12	57.20	57.24	57.45	58.08	57.67	57.43	57.66	57.76

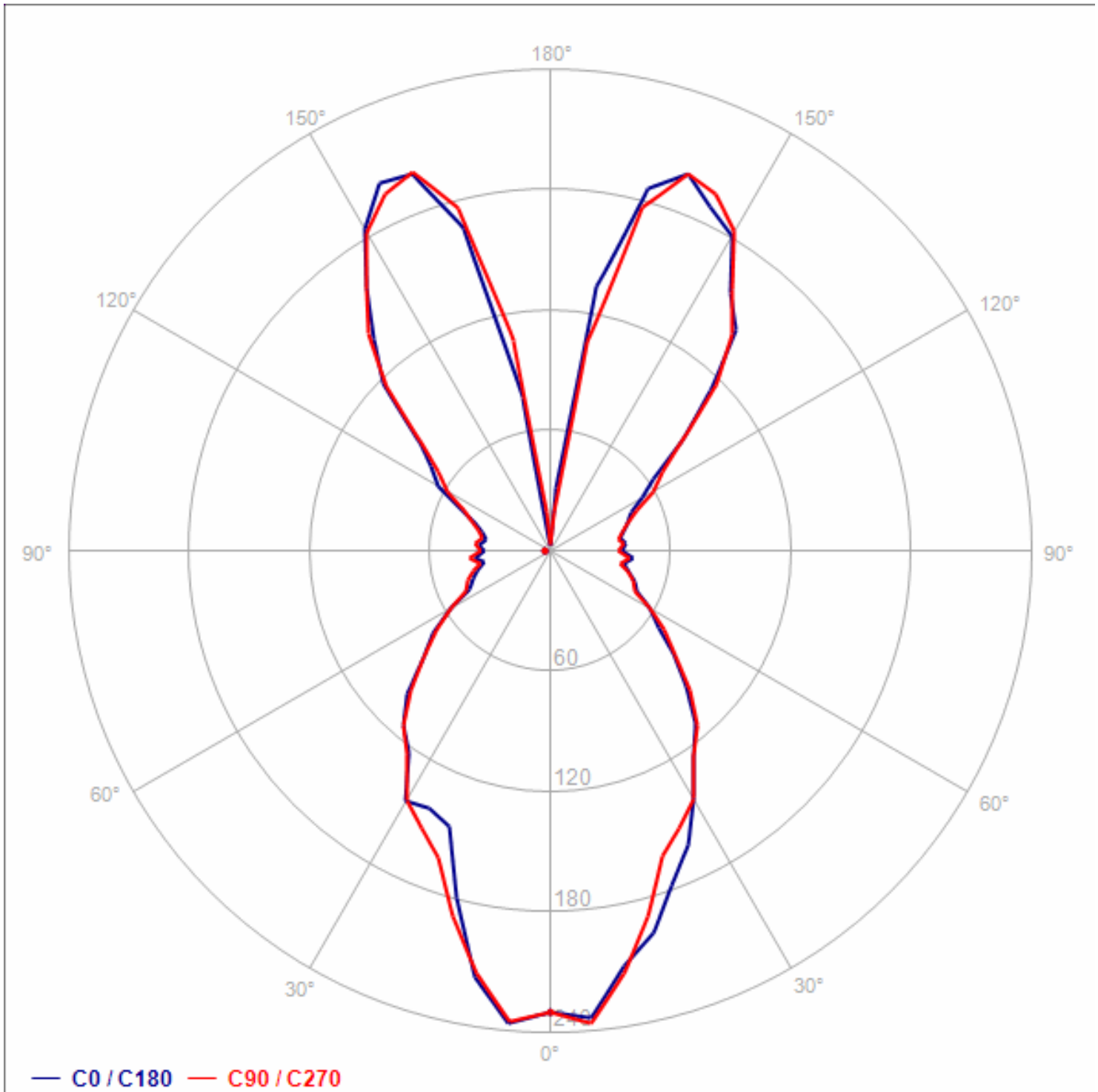
PHOTOMETRIC MEASUREMENT REPORT N° 05

65°	46.03	46.74	46.79	46.85	46.33	46.74	46.87	46.46	47.14	46.88	47.57	46.97
70°	42.42	43.04	42.97	42.73	43.19	43.52	43.69	43.39	43.46	43.77	43.67	43.45
75°	39.80	39.64	39.35	39.77	40.18	39.54	39.97	39.82	40.43	40.53	40.30	40.44
80°	35.21	35.68	35.74	35.44	35.53	35.68	35.39	35.75	36.34	36.30	35.84	36.51
85°	39.16	39.69	39.51	39.85	39.89	39.89	40.14	40.29	39.95	40.63	40.50	40.03
90°	33.93	34.04	34.73	34.31	34.09	34.23	34.97	34.42	34.51	34.75	34.67	34.99
95°	37.15	37.16	37.32	37.05	37.47	37.59	37.43	37.63	37.57	37.97	37.41	37.28
100°	34.05	33.89	33.94	33.88	34.11	33.65	34.40	34.28	34.32	34.23	34.64	34.38
105°	36.85	36.46	37.11	36.80	37.64	37.00	37.24	37.33	37.92	37.47	37.27	37.51
110°	41.04	41.25	40.54	41.13	40.44	41.19	41.11	40.38	41.05	41.04	40.51	41.34
115°	47.16	47.00	47.33	47.14	47.05	46.78	47.15	46.57	46.66	46.88	46.61	46.04
120°	60.65	60.34	60.48	60.17	59.11	59.11	59.07	58.94	58.01	58.20	57.55	57.20
125°	69.72	70.35	69.59	69.67	68.80	68.53	68.46	68.41	67.32	67.06	67.10	66.50
130°	84.91	85.07	85.11	85.25	85.39	85.12	85.39	84.90	84.47	85.23	84.62	85.40
135°	116.63	116.16	116.13	116.19	115.68	115.51	115.53	115.75	115.28	115.01	115.42	114.79
140°	139.52	140.05	140.34	140.17	140.47	141.03	140.90	141.26	140.72	141.50	141.66	141.59
145°	159.45	159.01	159.34	158.68	159.17	158.37	159.01	158.59	158.23	158.54	158.39	158.61
150°	184.48	184.30	183.59	183.40	184.10	183.40	182.98	183.29	183.57	182.60	183.06	183.03
155°	198.58	197.50	197.95	196.75	196.62	196.14	195.63	195.66	195.87	195.43	195.04	194.12
160°	201.00	200.39	200.36	200.94	200.57	201.06	200.91	200.82	200.22	200.44	200.60	200.24
165°	173.35	173.71	174.27	175.40	175.67	176.02	176.56	177.52	178.22	178.26	179.32	179.26
170°	97.08	98.11	100.26	101.67	102.82	104.74	106.34	107.46	109.52	110.97	112.09	114.25
175°	15.52	15.89	16.13	16.83	17.66	18.08	19.52	19.95	20.68	21.75	21.87	22.17
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°	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92	229.92
5°	235.11	234.75	234.92	235.06	235.27	234.95	234.77	234.79	234.17	234.26	234.24	234.58
10°	211.77	212.11	211.87	211.36	211.10	211.37	210.72	210.72	210.34	210.40	210.26	210.83
15°	191.53	192.42	192.27	192.90	193.56	194.40	194.84	194.67	195.06	195.96	196.61	197.35
20°	167.80	168.60	169.40	169.85	170.77	171.98	172.33	173.69	174.57	175.39	175.61	176.49
25°	155.80	156.60	157.16	158.03	157.70	158.52	159.12	160.34	160.05	161.24	161.51	162.38
30°	143.74	143.04	142.77	143.21	143.33	143.01	142.86	142.58	142.40	142.67	142.50	143.01
35°	124.07	124.25	124.50	124.64	124.49	124.74	124.87	124.09	124.34	125.02	124.37	124.54
40°	113.57	112.95	113.69	112.80	113.36	113.08	112.94	113.11	113.13	112.72	113.37	112.47
45°	98.19	97.32	97.59	96.87	97.44	96.68	96.48	96.30	96.94	96.50	96.49	95.92
50°	82.18	81.92	81.25	81.70	81.87	81.81	81.76	81.48	81.41	81.60	80.78	81.54
55°	68.87	68.51	68.07	67.86	67.71	67.67	67.26	67.65	67.33	67.25	67.57	66.83
60°	57.93	57.36	57.42	57.65	57.08	57.51	57.86	57.35	57.70	57.49	57.69	57.25
65°	47.51	47.13	47.61	47.14	47.99	47.26	47.73	47.63	47.50	48.36	47.78	48.42
70°	43.77	43.77	43.69	43.91	43.82	44.46	44.50	44.62	44.09	44.80	44.57	44.51
75°	40.96	40.99	40.31	40.64	40.76	40.44	40.50	40.72	41.04	41.24	40.99	41.40
80°	36.11	36.14	37.01	36.46	37.20	37.47	37.60	37.55	37.07	37.91	37.41	37.84
85°	40.83	40.23	40.85	40.36	41.15	40.41	41.16	40.83	41.07	41.56	41.79	41.02
90°	35.06	34.86	35.10	35.43	35.54	35.77	35.17	35.37	35.26	36.05	35.97	36.32
95°	38.19	38.07	37.48	38.04	37.87	37.62	37.97	38.13	38.45	38.70	38.27	38.16
100°	34.94	34.42	34.65	35.36	35.12	35.50	34.96	35.62	35.30	35.22	35.50	35.52
105°	38.23	38.22	38.05	37.99	38.06	38.42	37.99	37.84	37.86	38.38	38.07	38.17
110°	41.03	40.64	40.52	41.18	40.66	40.73	40.71	40.57	40.84	40.93	40.56	41.25
115°	45.79	46.31	45.61	45.87	46.06	45.88	45.33	45.50	45.01	45.62	44.75	44.90
120°	56.83	57.14	56.73	55.61	55.46	55.70	55.18	54.56	54.54	54.14	53.81	53.88
125°	66.94	66.07	66.43	65.71	65.54	65.21	64.90	64.16	63.95	63.58	64.14	63.00
130°	85.16	84.81	85.08	84.53	85.31	84.99	85.32	84.90	84.48	85.22	85.10	85.35
135°	114.99	114.58	115.01	114.79	115.02	114.62	114.84	113.85	113.87	114.26	113.93	113.62
140°	141.32	141.50	142.17	142.59	142.82	142.85	142.83	143.49	142.79	143.74	143.09	144.06
145°	158.01	158.56	157.65	158.46	157.67	157.85	157.97	157.53	157.62	157.24	157.05	157.50
150°	183.09	182.67	182.02	181.98	181.84	182.26	181.90	181.81	181.29	181.36	181.34	181.38

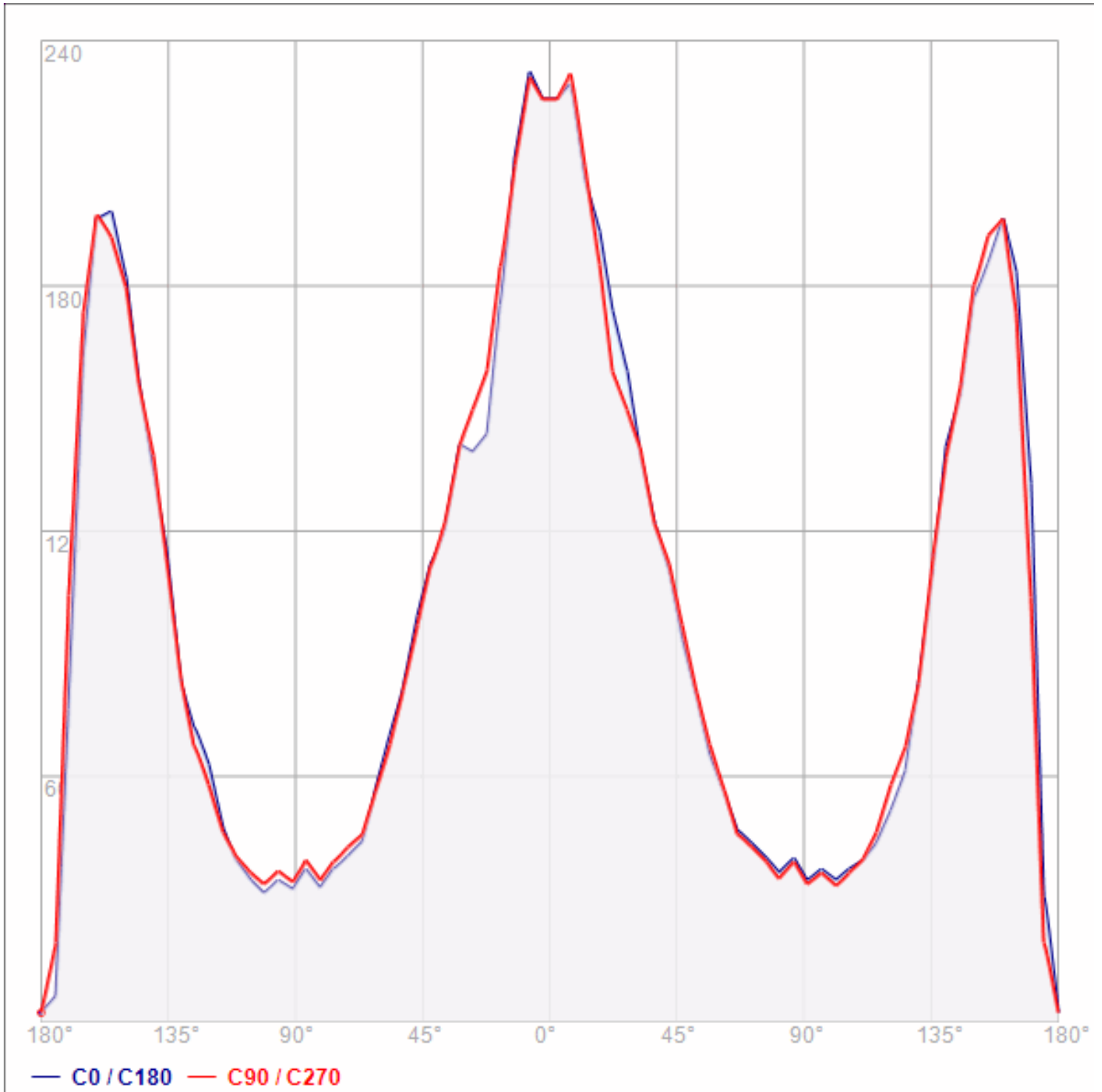
PHOTOMETRIC MEASUREMENT REPORT N° 05

155°	194.11	193.69	193.64	193.02	192.79	192.47	191.85	191.42	191.01	191.27	190.93	190.52
160°	200.43	200.60	201.14	201.00	201.05	200.37	200.43	200.57	201.11	200.73	200.17	200.32
165°	179.92	180.97	181.63	182.19	182.74	183.23	183.75	184.79	184.57	185.31	186.49	186.83
170°	116.08	116.95	118.49	120.03	121.61	123.48	125.41	127.05	128.16	129.78	130.99	132.64
175°	22.85	23.86	24.59	25.13	25.60	27.16	27.13	28.32	28.51	29.27	29.95	31.06
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

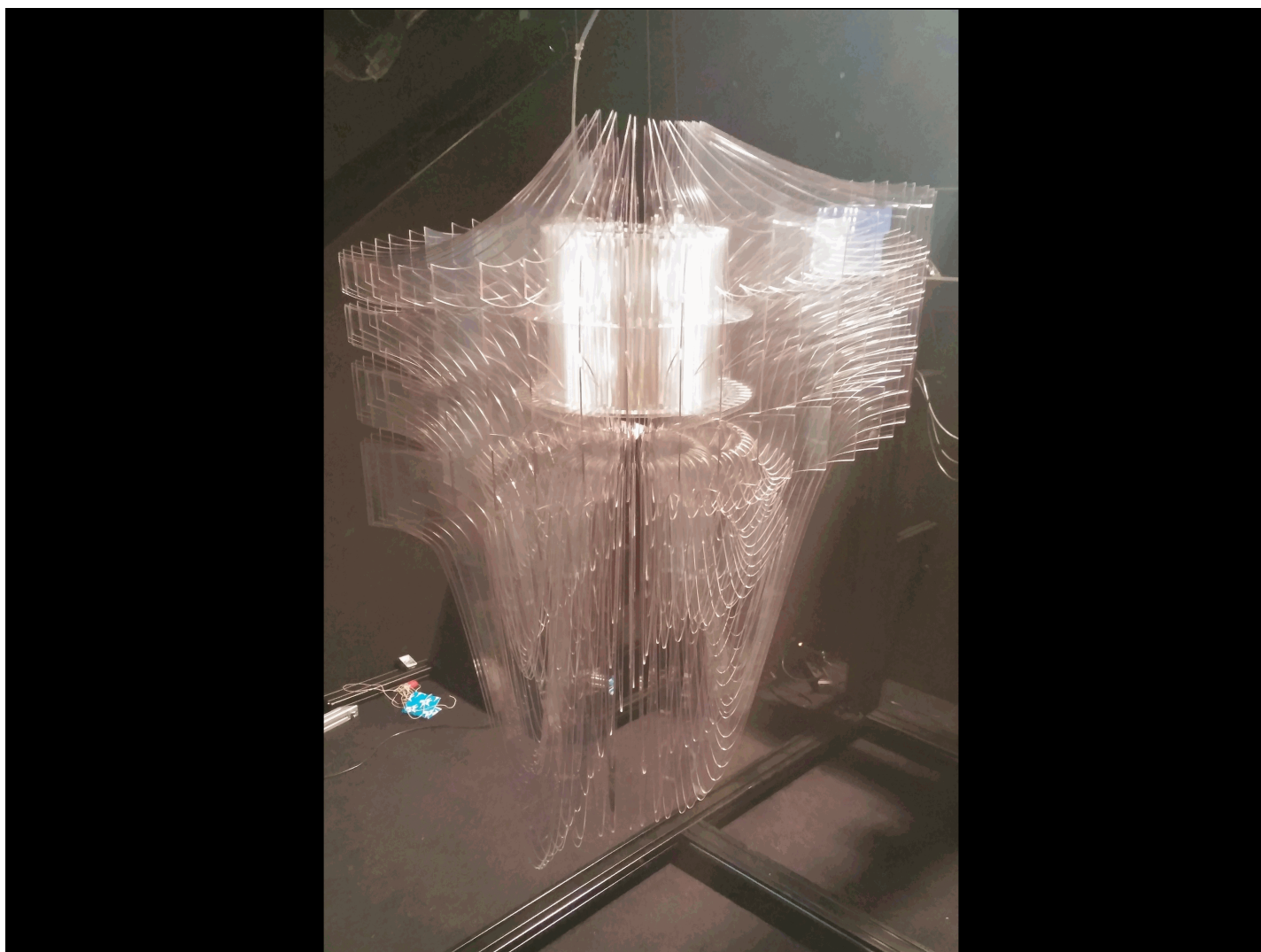
Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emmission Photo



Opening angle

