

PHOTOMETRIC MEASUREMENT REPORT N° 03

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 S trasparente**

Eulumdat reference: **Aria Suspension S trasparente**

Size of luminaire (mm): **500 x 0 x 750**

Size of luminous area (mm): **500 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): **1276.86**

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): **36.48**

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

Downward Flux Fraction (DFF): **51**

Upward Flux Fraction (UFF): **49.00**

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°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	209.00	209.34	208.69	208.40	208.47	208.23	208.05	207.57	207.62	207.29	207.04	206.87
10°	207.89	208.64	207.80	208.12	207.85	208.07	208.00	207.15	207.51	207.04	207.04	206.70
15°	206.81	206.51	205.78	205.28	204.86	204.04	203.22	202.68	202.04	201.47	200.64	199.38
20°	178.02	178.24	177.21	176.61	176.85	176.25	175.88	174.90	173.96	174.19	173.38	173.12
25°	167.53	167.74	167.13	166.32	164.75	164.92	163.63	163.38	162.95	161.83	161.12	160.50
30°	144.88	145.81	145.35	144.99	145.09	145.22	145.24	145.23	144.54	144.39	144.91	144.26
35°	133.25	133.67	134.04	134.39	133.93	134.15	134.70	134.17	134.18	134.23	135.23	134.75
40°	111.57	112.21	112.53	113.03	113.99	114.43	114.47	114.92	115.33	115.56	115.95	116.65
45°	97.52	98.10	98.92	98.61	98.88	99.27	99.04	99.25	99.76	100.28	100.71	100.84
50°	76.77	77.95	78.25	78.52	78.09	79.26	78.74	79.25	80.17	80.08	80.69	80.76
55°	65.96	66.33	66.96	66.90	67.29	68.02	67.33	67.65	68.12	68.75	68.52	69.25
60°	56.20	57.01	56.62	56.95	57.49	57.09	57.71	58.11	58.04	58.15	57.71	58.20
65°	47.67	48.20	48.49	48.04	48.72	49.04	48.68	49.24	49.44	49.20	49.36	48.97
70°	43.61	44.53	44.52	43.72	43.67	43.72	44.44	44.24	43.86	43.76	43.64	43.38
75°	40.94	41.45	41.73	40.99	41.02	41.49	40.80	41.09	40.83	40.41	40.26	41.00
80°	35.86	36.64	36.21	36.04	36.79	36.64	35.92	35.97	36.26	36.49	36.90	36.51
85°	40.94	41.79	41.30	41.24	41.46	40.60	40.59	41.33	40.55	40.43	40.36	40.72
90°	34.00	34.19	34.63	34.53	34.87	34.13	34.21	34.03	34.50	34.49	34.50	34.46
95°	37.47	37.66	37.70	37.19	37.77	37.24	37.55	37.46	37.33	36.74	36.84	37.25
100°	33.04	33.75	33.60	33.04	33.30	33.38	33.84	33.15	33.86	33.09	33.01	33.36
105°	37.47	37.95	37.31	37.99	37.32	37.98	37.64	37.55	37.51	36.90	37.35	36.62
110°	42.26	42.66	42.58	42.64	42.08	41.80	42.59	42.35	41.97	42.03	41.79	41.55
115°	49.63	50.21	50.41	50.08	50.29	50.30	50.33	49.92	49.46	49.78	49.55	49.85
120°	60.49	60.87	60.91	60.96	61.45	61.16	61.19	61.54	61.92	61.85	61.73	61.28
125°	73.81	74.03	74.93	75.07	74.85	74.86	75.76	75.57	76.12	75.30	75.64	75.66
130°	90.66	91.67	91.55	91.37	92.20	92.46	92.00	92.73	92.62	93.47	93.11	93.75
135°	113.87	114.86	115.27	115.32	116.03	115.86	116.00	117.15	116.82	117.40	117.51	117.72
140°	130.85	131.51	131.97	131.66	131.94	133.02	133.20	132.84	133.31	133.67	134.02	133.84
145°	150.22	151.01	150.63	151.30	151.26	151.84	151.97	152.34	151.96	152.67	152.89	152.68
150°	157.29	158.08	158.62	158.64	158.34	158.70	158.37	158.59	159.52	158.94	159.69	159.27
155°	167.36	168.43	168.48	169.23	169.86	170.40	170.21	170.57	171.24	171.05	172.17	172.24
160°	183.67	183.82	184.54	184.15	184.62	184.13	183.97	184.46	184.63	184.37	184.32	184.22
165°	169.02	168.24	167.50	166.29	165.64	164.80	163.43	162.94	162.50	160.61	159.68	159.59
170°	99.73	99.36	98.51	98.15	96.94	96.53	95.80	95.50	94.57	93.77	92.79	92.44
175°	16.63	16.62	16.40	16.79	16.20	16.17	15.84	15.63	14.89	14.67	13.95	14.13
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	206.65	206.14	206.68	206.47	206.48	205.44	205.29	204.86	204.78	204.75	204.65	204.81
10°	206.80	207.02	206.38	206.35	206.88	206.39	205.87	206.48	206.35	206.29	205.46	205.77
15°	198.77	198.58	197.01	196.52	195.89	195.18	194.61	194.41	192.84	192.31	191.94	191.20
20°	172.59	172.14	170.85	171.21	170.24	169.45	169.62	168.83	167.94	167.84	166.83	167.07
25°	160.18	159.45	158.51	157.98	156.65	156.71	155.08	154.46	153.80	153.37	152.25	151.73
30°	144.82	144.23	144.56	144.82	144.67	144.55	144.06	143.84	144.62	144.29	144.15	144.44
35°	135.36	135.02	135.57	135.31	135.54	135.13	135.30	135.55	136.25	135.97	135.80	136.56
40°	116.97	117.65	117.56	117.72	119.02	119.24	119.13	119.84	120.23	120.45	121.48	121.46
45°	100.66	100.80	101.42	101.88	102.17	102.14	102.50	102.14	102.32	102.93	102.79	103.44
50°	80.57	81.79	82.18	81.88	82.56	82.15	82.96	83.20	84.04	84.34	84.06	84.46
55°	68.71	69.03	69.77	70.07	70.21	70.43	70.19	70.42	70.59	71.13	71.44	71.64
60°	58.15	58.54	58.35	59.15	58.73	59.26	59.06	59.27	59.27	59.64	59.97	59.71
65°	48.94	49.34	49.88	50.05	49.72	50.30	49.90	50.06	50.67	50.64	50.02	50.64
70°	44.02	43.50	43.76	44.01	44.11	44.10	43.29	43.44	43.33	43.39	43.12	43.61

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75°	40.28	40.20	40.37	39.86	40.41	40.56	39.81	40.39	39.69	40.04	39.39	40.25
80°	36.90	36.53	36.49	35.99	36.63	36.14	36.99	36.90	36.82	36.94	36.14	36.90
85°	40.07	40.72	40.19	40.13	39.99	39.95	39.78	39.76	39.59	39.84	40.08	39.98
90°	34.23	34.91	34.95	34.99	34.06	34.08	34.83	34.36	34.79	34.44	34.26	34.34
95°	36.90	36.32	36.83	36.43	36.84	36.61	36.06	36.39	36.33	35.70	35.43	36.05
100°	33.37	33.20	33.84	33.83	33.17	33.09	33.58	33.74	33.59	33.01	33.82	33.50
105°	37.06	36.43	37.08	36.30	36.13	36.74	36.60	36.03	35.70	35.70	35.92	35.90
110°	41.77	41.63	41.55	41.09	41.60	41.32	40.73	40.60	41.26	40.38	40.23	40.77
115°	49.48	50.09	49.78	49.95	49.67	50.13	50.21	49.49	50.05	49.22	49.39	49.76
120°	61.67	61.90	61.35	61.79	61.52	62.01	61.64	61.74	62.02	61.90	61.96	61.99
125°	76.26	76.12	76.66	77.15	77.33	76.65	77.56	77.36	77.57	78.13	77.75	77.58
130°	93.72	93.48	94.23	94.12	94.51	95.09	95.30	94.65	95.50	95.73	96.17	95.95
135°	118.45	118.55	118.53	118.86	119.19	120.26	120.26	121.12	120.70	121.18	121.61	121.78
140°	134.32	134.49	134.93	135.17	135.34	135.30	136.17	135.95	136.30	136.37	136.45	137.06
145°	152.80	152.76	153.89	153.42	154.31	153.84	154.07	154.32	154.99	154.70	155.18	155.26
150°	160.30	159.75	159.98	160.76	161.16	160.96	160.96	161.08	160.97	161.61	162.08	161.67
155°	172.53	173.17	173.31	173.52	174.27	175.03	175.15	175.46	176.31	176.33	177.26	177.44
160°	184.28	185.08	184.41	184.58	185.30	184.59	185.33	185.46	185.44	184.59	185.14	185.28
165°	158.20	156.96	156.34	155.24	154.97	153.23	152.33	151.35	151.20	150.29	148.89	148.30
170°	91.19	90.66	90.19	89.51	88.13	87.99	86.52	86.16	84.95	84.49	84.41	82.99
175°	14.22	13.78	13.67	12.59	12.31	12.79	12.10	12.17	11.59	11.46	10.86	10.51
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	204.67	204.40	203.34	203.92	203.49	203.11	202.74	202.51	202.68	202.36	201.81	201.99
10°	205.78	205.76	205.51	205.52	204.66	204.99	204.31	204.89	204.53	203.90	204.68	204.44
15°	190.36	189.54	189.31	188.76	187.90	186.59	185.75	185.44	184.67	183.75	183.56	182.52
20°	166.50	165.81	164.66	164.55	164.26	163.29	163.30	162.62	162.04	161.08	160.96	160.33
25°	151.19	150.84	149.79	149.23	148.58	147.53	147.50	146.50	146.21	145.41	144.84	143.85
30°	143.84	143.78	144.05	143.92	143.35	143.89	143.32	143.81	143.45	143.82	143.37	143.78
35°	135.92	136.69	136.10	136.72	137.12	136.62	136.96	136.93	137.17	137.14	137.01	137.81
40°	122.01	122.13	122.27	123.32	123.94	123.77	123.81	124.48	125.27	125.95	125.86	126.40
45°	103.98	103.66	104.35	104.49	104.35	104.77	104.87	104.86	105.52	105.67	106.12	106.72
50°	84.85	85.44	85.41	85.45	86.03	86.48	87.20	86.58	86.92	87.45	88.10	88.48
55°	71.32	71.56	72.41	72.32	72.49	72.61	73.10	73.62	73.24	73.26	73.84	73.79
60°	59.87	60.34	60.32	60.81	60.48	61.02	60.65	61.10	61.84	61.55	61.98	61.48
65°	50.07	50.72	50.42	51.06	51.09	50.73	50.77	51.66	51.04	51.47	52.03	52.10
70°	43.53	43.25	43.22	43.24	43.11	43.60	43.05	43.31	43.64	43.72	43.30	43.53
75°	39.49	39.57	39.29	39.72	39.44	39.32	39.56	38.77	38.98	38.76	38.56	38.88
80°	36.46	37.01	36.37	36.70	36.29	36.38	36.25	36.48	36.83	36.55	36.53	37.00
85°	39.71	39.21	39.75	39.60	39.11	39.79	39.40	38.99	38.67	39.33	39.16	38.41
90°	34.18	34.75	34.48	34.41	34.96	34.39	34.05	34.69	34.80	34.28	34.16	34.50
95°	35.49	35.58	35.69	35.24	35.46	35.05	34.67	35.52	34.83	35.02	34.29	34.59
100°	33.46	33.54	33.37	32.98	33.07	33.83	33.83	33.10	33.82	33.79	33.18	33.84
105°	35.65	35.25	35.41	35.83	35.56	34.89	34.91	35.35	35.40	35.20	34.81	34.88
110°	40.96	40.20	40.75	40.23	40.03	40.09	39.72	39.89	39.75	40.09	39.64	39.10
115°	49.77	49.90	49.54	49.20	49.33	49.00	49.25	49.65	49.45	49.10	49.11	49.30
120°	62.33	62.63	62.81	62.93	62.29	62.24	62.29	62.41	62.78	62.89	62.87	62.81
125°	77.97	78.84	78.25	78.64	78.85	79.17	78.76	79.14	79.49	79.46	79.51	80.01
130°	95.82	96.00	96.63	96.36	97.09	97.42	97.58	97.91	97.42	98.47	98.17	98.27
135°	121.94	122.87	123.10	123.32	123.31	123.81	124.04	124.41	125.36	125.32	125.43	125.54
140°	137.55	137.72	138.28	137.89	138.04	138.43	138.80	139.02	138.99	139.13	139.57	140.44
145°	154.90	155.39	155.85	155.59	156.42	156.83	156.97	156.63	157.43	156.92	157.43	157.21
150°	161.75	161.81	162.79	162.29	162.98	163.34	162.88	162.90	163.14	163.91	163.43	164.00
155°	178.11	178.40	178.38	178.78	179.11	179.36	180.52	180.48	180.84	181.51	181.76	182.03
160°	184.73	185.68	185.03	185.53	185.83	184.93	185.38	185.06	185.59	185.33	185.39	185.22

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165°	147.35	145.68	145.11	144.32	143.53	142.45	141.94	140.49	139.54	138.65	138.11	136.48
170°	82.17	81.80	80.94	80.12	79.58	79.08	77.67	76.84	76.76	75.91	74.81	74.41
175°	10.65	10.75	9.99	9.65	9.43	9.76	8.78	9.20	8.33	8.04	7.60	7.73
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	201.08	202.28	201.87	201.88	202.23	202.41	203.40	203.34	203.21	203.18	204.25	203.54
10°	203.47	203.94	204.06	204.53	204.22	205.05	204.63	205.29	204.70	205.39	204.90	205.65
15°	181.50	182.81	183.49	184.43	185.25	185.40	186.62	186.87	187.24	187.92	188.71	189.41
20°	159.45	160.08	160.94	161.38	162.02	162.11	162.93	163.32	164.37	164.68	164.96	165.39
25°	142.52	144.11	144.89	145.14	145.52	146.68	147.29	147.88	148.23	149.11	149.64	150.38
30°	142.78	143.15	143.14	143.73	143.42	143.28	144.02	144.04	143.89	144.27	143.49	143.75
35°	136.99	136.90	137.13	137.55	136.93	136.66	136.78	136.32	136.33	136.79	135.96	136.79
40°	126.24	125.84	126.22	126.01	125.43	124.92	124.24	124.29	123.13	122.90	122.66	122.31
45°	106.04	106.14	106.38	105.53	105.44	105.61	104.95	104.90	104.91	104.17	104.22	104.03
50°	88.13	88.01	87.62	87.28	87.07	86.94	86.49	86.87	85.90	86.05	85.54	85.19
55°	73.79	74.49	73.98	73.25	73.39	73.38	73.06	72.30	72.32	72.50	72.61	71.90
60°	61.46	61.47	61.61	61.25	61.04	61.09	61.58	60.77	60.43	60.25	60.13	59.89
65°	51.26	51.84	51.38	51.86	51.38	50.98	50.72	51.12	50.50	50.71	50.35	50.18
70°	42.65	43.00	43.55	42.73	43.25	43.48	43.20	43.59	42.97	43.45	43.16	43.49
75°	38.30	38.42	39.33	39.34	39.54	38.99	39.01	39.49	39.64	39.46	39.06	39.29
80°	36.14	36.25	37.00	36.23	36.70	36.16	36.34	36.41	36.93	36.41	36.53	36.81
85°	38.30	38.56	38.46	39.19	39.25	38.85	38.92	39.33	39.27	39.66	39.39	40.08
90°	34.00	34.83	34.79	34.09	34.55	34.68	34.21	34.78	34.94	34.03	34.38	34.25
95°	34.05	34.38	34.79	34.85	35.26	34.90	35.25	35.53	35.65	35.88	35.73	35.92
100°	32.87	33.10	33.12	33.79	33.61	33.01	33.12	33.13	33.48	33.49	33.28	33.88
105°	34.05	34.78	34.71	34.37	34.62	34.65	35.54	34.95	35.77	34.96	35.89	35.29
110°	38.95	39.17	39.84	39.95	39.65	40.31	40.00	40.56	39.98	39.96	40.25	40.10
115°	48.81	49.06	49.17	49.05	49.36	49.75	49.52	49.03	49.11	49.20	49.42	49.97
120°	62.63	62.73	63.06	62.95	62.58	63.23	62.41	62.79	62.36	62.95	62.77	62.83
125°	79.68	80.38	80.02	79.57	79.04	79.17	79.51	79.29	78.61	79.07	78.28	78.15
130°	98.18	98.51	97.78	97.78	97.78	97.18	97.23	97.49	96.96	96.39	96.44	96.64
135°	125.72	126.23	125.42	125.36	124.90	124.73	124.44	123.91	123.90	122.96	123.01	123.05
140°	139.86	140.59	140.21	139.98	139.31	138.68	138.45	138.94	138.58	137.75	137.66	137.80
145°	157.22	158.02	157.18	156.98	156.89	156.72	156.51	156.39	156.51	155.80	156.06	155.99
150°	163.76	164.26	163.76	163.83	163.92	163.72	163.20	163.50	162.74	163.01	162.26	162.27
155°	182.07	181.96	181.85	180.85	180.51	180.17	180.18	179.26	179.19	178.53	178.51	177.73
160°	185.18	185.20	185.74	185.52	185.91	185.85	185.79	184.96	185.28	185.69	185.40	185.43
165°	135.35	137.24	137.42	138.68	139.38	140.28	141.38	142.75	143.03	143.85	144.79	146.60
170°	73.04	74.44	74.95	76.06	76.70	77.11	78.28	79.21	79.90	79.75	81.07	82.16
175°	6.88	7.49	7.62	8.12	8.96	8.97	9.31	9.12	9.28	10.18	9.71	10.21
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	204.37	204.40	205.03	205.25	205.32	205.46	205.94	205.62	206.36	206.50	206.67	206.38
10°	205.09	205.41	205.89	205.43	206.19	206.56	206.58	206.51	206.72	206.78	207.06	206.71
15°	189.95	191.16	191.58	192.45	192.79	193.84	194.87	194.91	196.26	197.22	197.09	198.05
20°	166.13	166.93	167.62	167.38	167.99	168.67	169.00	169.67	170.13	170.96	171.35	171.69
25°	151.33	151.89	152.95	153.22	154.06	155.04	155.18	155.84	157.01	157.35	158.44	159.48
30°	144.16	144.30	143.79	144.41	143.73	143.78	144.35	144.34	144.59	144.59	144.34	144.23
35°	135.79	135.96	135.59	136.18	136.08	135.37	135.18	135.24	135.51	135.61	135.61	135.33
40°	121.40	121.35	120.75	120.17	119.83	120.16	119.26	118.82	118.12	118.63	118.04	117.53
45°	103.69	103.54	103.24	103.10	102.69	102.58	101.86	101.63	101.97	101.41	101.78	101.53
50°	84.41	84.73	84.15	84.05	83.48	82.82	83.03	82.78	82.35	82.28	82.03	81.18
55°	71.66	71.39	71.31	70.99	71.10	70.97	70.21	70.06	69.93	69.49	69.36	69.48
60°	60.30	60.02	60.39	60.25	59.18	59.87	59.16	59.01	58.72	59.24	58.47	58.79

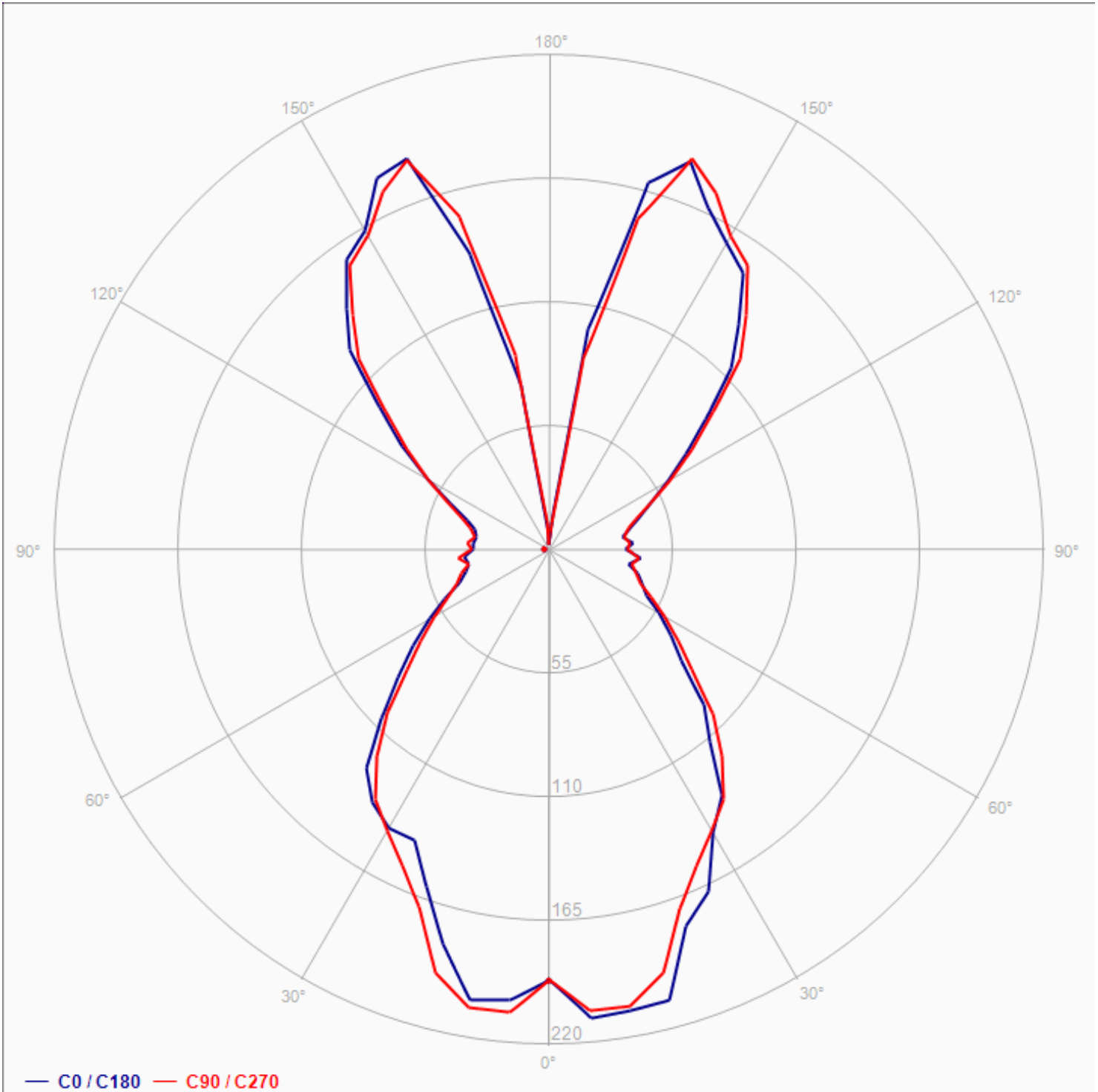
PHOTOMETRIC MEASUREMENT REPORT N° 03

65°	50.37	50.95	49.92	50.30	49.97	50.18	49.59	49.87	49.97	49.71	49.55	49.71
70°	43.85	43.72	43.71	43.74	43.47	44.07	43.56	43.98	43.19	44.07	43.99	43.35
75°	39.99	39.64	40.08	40.05	39.58	40.12	40.45	40.14	40.00	40.60	40.05	40.41
80°	36.66	36.25	36.52	36.64	36.18	36.15	36.39	36.07	36.29	36.74	36.13	36.65
85°	39.56	39.95	40.12	39.41	39.82	40.44	40.45	40.36	40.23	39.96	40.87	40.86
90°	34.26	34.07	34.54	34.16	34.16	34.93	34.79	34.24	34.33	34.64	34.07	34.69
95°	35.65	36.23	36.24	35.48	35.67	35.81	36.39	35.94	36.58	37.04	37.10	36.67
100°	33.38	33.34	33.44	33.23	33.60	33.08	33.93	33.85	33.50	33.56	33.58	33.90
105°	35.56	35.32	35.75	35.57	35.99	35.85	36.42	36.22	36.04	36.38	36.44	36.91
110°	40.17	41.14	40.91	40.40	41.20	41.30	40.90	41.62	40.85	41.20	41.64	41.23
115°	49.22	49.19	49.58	49.46	49.65	49.24	49.73	49.58	50.10	49.95	50.10	50.01
120°	62.58	62.68	62.68	62.43	62.43	62.44	62.29	62.39	61.83	61.65	61.84	61.34
125°	78.39	78.33	77.46	77.44	77.31	77.58	77.28	76.88	77.15	77.20	76.14	76.77
130°	95.93	95.82	95.32	95.46	95.51	95.45	95.21	94.88	94.22	94.29	93.82	93.54
135°	122.49	122.23	121.46	121.44	121.07	120.28	119.99	120.45	119.24	119.03	119.13	118.77
140°	136.87	136.65	137.21	136.28	136.17	135.65	135.71	135.87	135.15	135.34	134.59	134.66
145°	155.21	154.72	154.71	155.24	154.95	154.27	154.50	154.04	153.76	153.59	153.43	153.30
150°	161.79	161.95	161.24	161.20	161.35	161.53	161.46	161.25	161.10	160.75	160.32	159.96
155°	177.68	176.76	177.13	176.45	176.44	176.03	175.50	175.07	174.51	174.49	174.04	172.87
160°	184.83	185.01	184.90	185.12	184.83	185.45	184.64	184.88	184.36	185.04	185.04	184.24
165°	146.64	147.75	149.26	150.36	150.96	151.38	153.09	153.44	154.68	155.97	156.91	157.53
170°	82.04	83.09	83.91	84.39	85.21	86.15	87.21	87.70	88.54	88.94	90.33	90.21
175°	10.30	11.04	11.35	11.00	12.16	12.05	12.44	12.88	12.98	13.28	13.45	14.11
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64	191.64
5°	207.10	206.89	207.55	207.80	207.66	208.40	207.97	208.47	208.49	209.02	209.29	209.62
10°	206.70	206.67	206.74	207.18	207.87	207.20	208.15	207.31	207.86	207.62	208.26	208.33
15°	198.85	199.79	200.40	201.46	201.79	201.90	203.39	204.17	204.52	205.08	206.27	206.80
20°	172.18	172.73	173.12	174.36	174.33	174.78	175.28	175.79	176.71	177.42	177.39	177.95
25°	159.89	160.33	160.58	161.48	162.79	162.71	163.79	164.47	165.61	166.01	166.28	166.84
30°	145.04	144.71	145.15	145.32	144.74	144.52	145.50	145.22	144.90	144.81	145.63	145.07
35°	134.53	134.95	134.91	134.28	134.85	133.98	134.68	134.04	133.98	134.47	133.74	133.36
40°	117.32	116.98	116.22	115.31	115.65	114.99	114.99	114.50	113.96	113.13	113.30	112.74
45°	100.89	100.89	100.54	99.87	100.28	99.85	99.28	98.95	99.24	98.49	98.29	97.99
50°	80.80	81.02	80.13	80.04	79.98	79.47	79.33	78.82	78.28	78.10	77.72	77.94
55°	68.83	69.25	68.52	68.49	68.22	68.12	68.17	67.35	67.71	66.66	67.31	66.80
60°	58.84	58.67	58.51	58.01	57.80	57.85	57.97	57.66	57.50	56.86	56.98	56.54
65°	49.64	49.44	49.35	49.51	48.85	49.15	48.95	49.05	48.53	48.16	48.49	48.21
70°	43.41	44.02	43.90	43.54	44.19	44.34	43.90	44.12	44.12	43.85	43.78	44.21
75°	40.70	40.91	40.62	40.60	40.55	40.45	40.66	41.31	40.77	41.05	41.29	41.77
80°	36.79	36.53	36.05	36.82	36.03	36.67	36.75	36.24	36.29	36.41	36.29	36.04
85°	40.42	40.38	40.59	40.96	40.91	40.52	40.56	41.50	41.19	41.48	41.46	41.72
90°	34.11	34.56	34.19	34.24	34.45	34.46	34.44	34.72	34.86	34.47	34.61	34.18
95°	36.89	37.37	36.85	36.85	37.19	37.08	37.32	37.63	37.37	37.65	37.74	38.19
100°	33.07	33.60	33.00	33.91	33.04	33.59	33.05	33.14	33.55	33.60	33.48	33.38
105°	37.13	36.87	37.47	36.63	37.29	36.86	37.07	37.87	37.23	37.39	37.84	38.06
110°	41.37	41.39	41.35	41.60	42.50	42.08	42.40	42.45	42.58	42.92	42.38	42.88
115°	50.26	50.25	50.35	49.88	49.63	50.31	50.43	50.51	50.22	49.60	49.80	50.36
120°	62.07	61.70	61.48	61.44	60.97	61.32	60.89	61.06	61.51	61.27	60.73	60.94
125°	76.72	76.25	75.86	75.57	75.29	75.31	75.27	75.59	74.51	74.80	75.13	74.64
130°	93.76	93.73	93.21	92.86	93.16	92.35	92.42	92.16	91.71	91.55	91.14	91.63
135°	118.53	118.48	117.36	117.09	117.02	117.09	116.59	116.15	115.90	115.21	115.39	114.75
140°	134.07	133.66	134.35	133.23	133.07	132.94	132.77	132.27	132.61	132.06	132.14	131.67
145°	152.57	153.18	152.49	152.78	152.48	151.96	151.59	151.66	151.37	151.17	151.52	150.86
150°	159.47	159.53	159.92	159.43	159.36	159.17	158.48	158.76	158.81	158.61	158.36	158.10

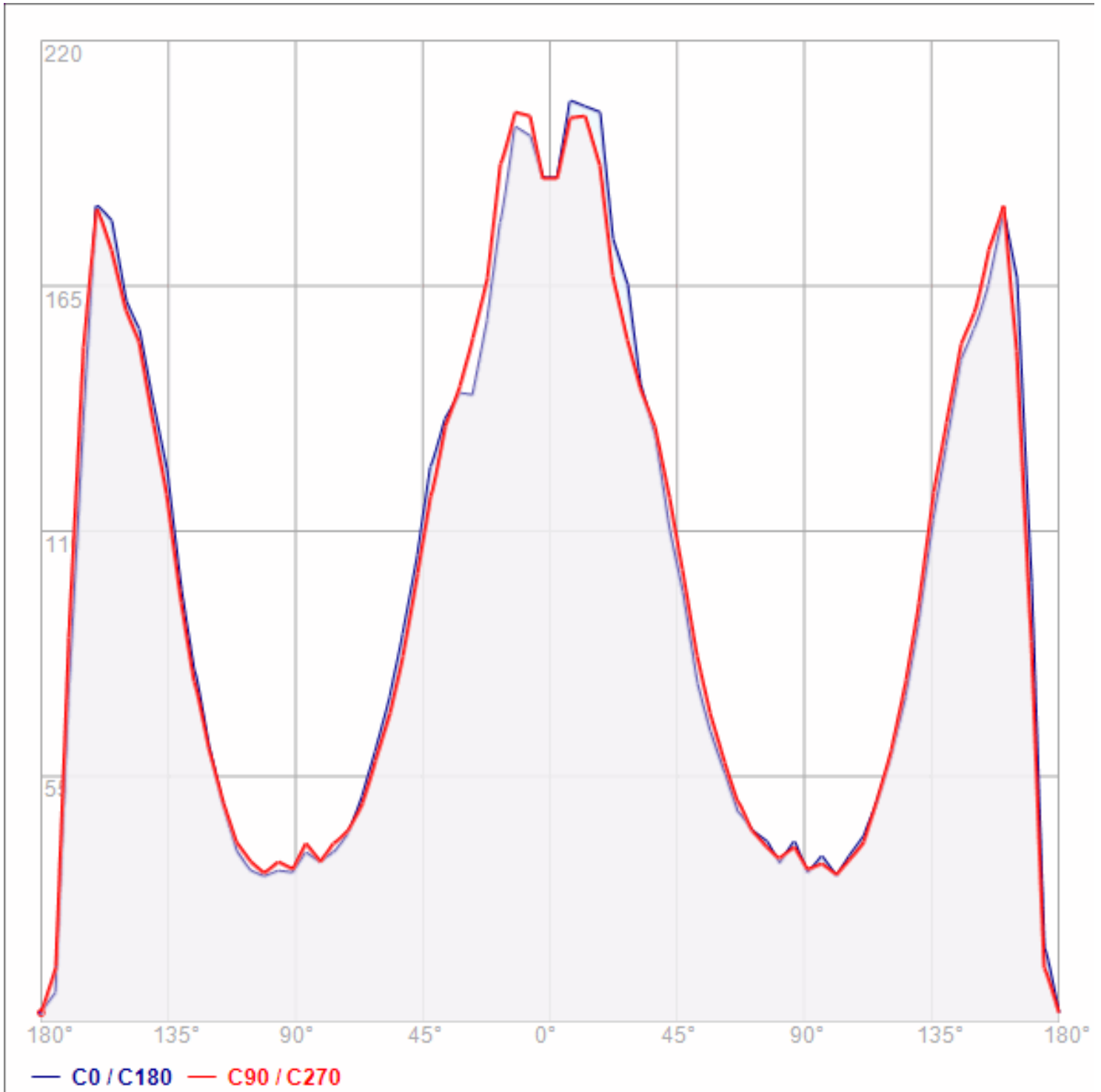
PHOTOMETRIC MEASUREMENT REPORT N° 03

155°	172.97	172.03	172.38	171.33	170.90	170.65	170.34	169.64	169.04	169.30	168.60	168.72
160°	184.51	184.43	184.11	184.69	184.24	184.46	184.02	184.42	184.34	184.30	183.76	183.97
165°	158.33	158.96	160.59	161.48	161.61	163.07	163.52	164.63	165.34	167.00	167.31	169.07
170°	91.19	91.82	92.81	93.91	94.28	94.56	95.45	96.16	96.95	97.76	99.02	99.00
175°	13.66	14.37	14.64	14.67	14.61	15.19	15.19	15.69	15.62	16.25	16.93	16.47
180°	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15

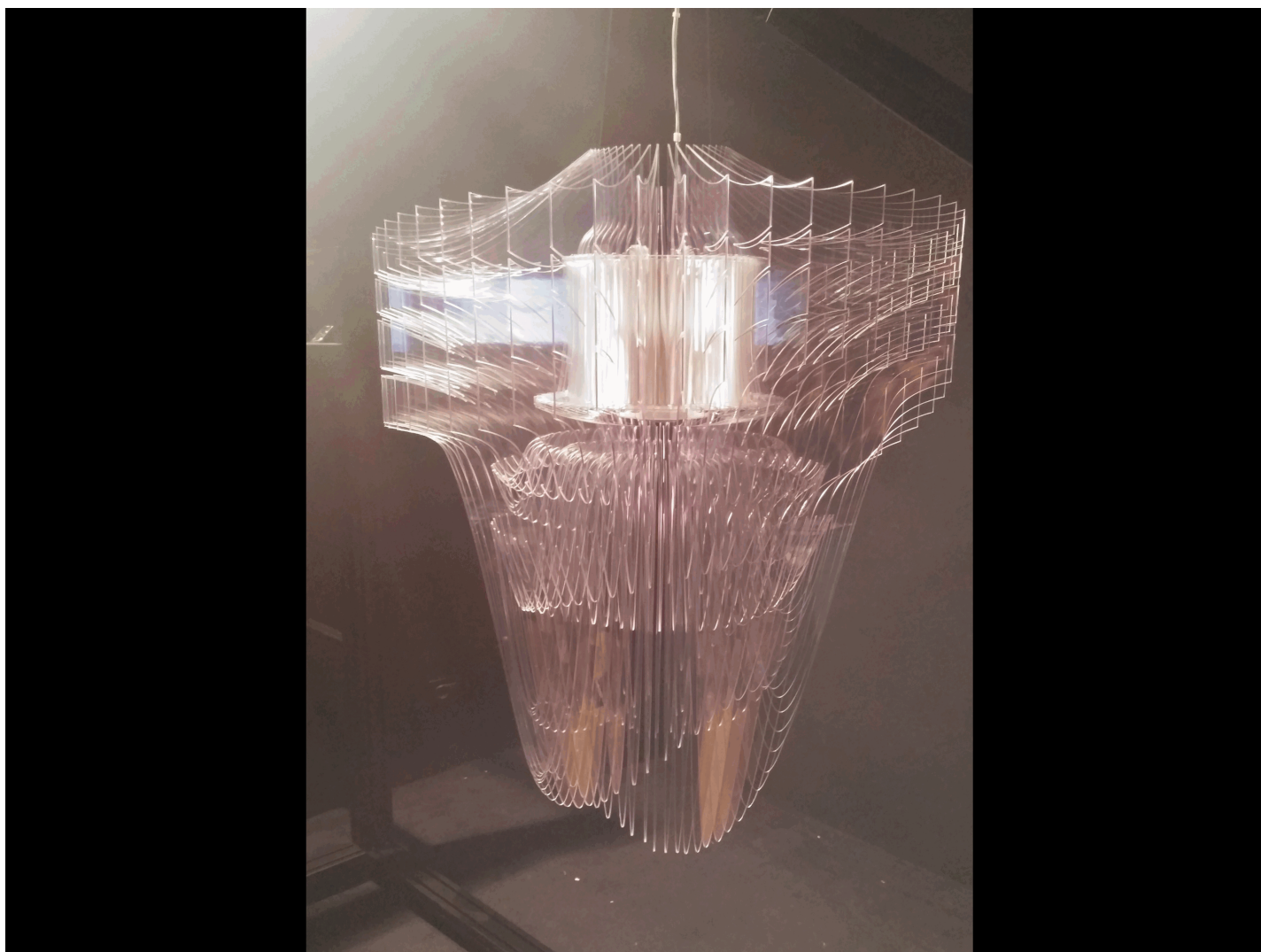
Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emmission Photo



Opening angle

