

PHOTOMETRIC MEASUREMENT REPORT N° 16

Photometric measurement date: **3/10/2017/**

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: **Veli ceiling-wall M couture**

Eulumdat reference: **Veli ceiling-wall M couture**

Size of luminaire (mm): **530 x 0 x 200**

Size of luminous area (mm): **530 x 0**

Number n of standard sets of lamps (optional): **1**

Number of lamps: **1**

Type of light source: **LED Filament E27 light bulb Centuri Led Goccia incanto 60**

Total luminous flux of the light source (lm): **1620**

Output luminous flux of the lamp (lm): **1268.33**

Colour temperature (K): **2700**

Colour rendering index: **0**

Supply current (mA): **80**

Source power (W): **14.4**

Power consumption included source power (W): **16**

LED module efficacy (lm/W): **112.50**

System light efficacy (lm/W): **101.25**

Luminaire light efficacy (lm/W): **79.27**

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

Downward Flux Fraction (DFF): **72**

Upward Flux Fraction (UFF): **28.00**

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°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	246.19	247.69	249.19	250.58	252.76	254.27	254.95	256.45	257.84	258.64	260.02	261.29
10°	214.26	216.94	219.94	223.20	225.37	228.27	231.54	233.95	238.54	242.64	246.74	250.10
15°	197.97	199.38	201.36	203.03	205.82	209.00	213.91	218.47	223.26	225.85	228.89	231.93
20°	182.32	183.75	185.04	186.46	187.29	188.72	189.90	190.96	192.61	195.22	201.14	206.11
25°	169.04	171.14	173.48	174.77	175.57	176.28	177.44	178.72	180.01	182.10	182.67	183.24
30°	161.91	164.37	166.60	167.48	168.27	168.27	169.06	170.39	171.84	173.96	174.62	175.74
35°	151.94	154.55	156.51	157.06	157.06	157.76	158.78	158.88	159.57	161.39	162.19	163.57
40°	141.15	143.99	146.73	148.05	148.57	148.05	148.15	147.49	147.15	148.15	150.65	151.31
45°	134.64	137.39	138.97	142.63	143.75	141.94	140.01	138.18	138.29	140.46	142.27	142.27
50°	125.93	128.06	130.68	135.30	137.34	135.30	130.79	128.97	128.97	130.56	132.59	135.08
55°	117.37	119.48	121.80	126.12	128.21	124.68	120.37	119.81	120.91	123.01	124.35	124.02
60°	107.02	111.23	112.97	115.21	114.85	111.23	108.54	109.25	112.28	114.50	116.71	117.07
65°	96.75	101.32	102.16	102.28	102.53	100.60	99.04	99.88	102.16	104.92	106.37	108.41
70°	85.76	89.19	89.29	88.56	90.54	90.64	88.69	87.10	89.05	93.93	96.00	98.32
75°	74.17	78.87	79.38	80.22	82.28	82.79	80.71	78.18	80.12	87.84	93.17	91.84
80°	67.79	69.56	70.84	72.60	76.24	74.58	72.60	71.55	74.12	77.86	81.26	82.78
85°	60.85	62.41	65.51	65.51	65.87	64.80	63.60	65.03	67.79	68.86	71.62	76.53
90°	56.46	58.65	62.32	61.62	60.14	57.16	57.16	57.50	59.44	59.59	61.18	67.38
95°	54.85	56.40	59.01	58.63	57.37	55.05	54.88	54.84	56.12	56.17	57.22	61.81
100°	54.04	55.28	57.35	57.13	55.99	54.00	53.73	53.51	54.46	54.46	55.24	59.03
105°	53.24	54.15	55.70	55.64	54.61	52.94	52.59	52.18	52.80	52.75	53.26	56.24
110°	52.43	53.03	54.04	54.14	53.22	51.89	51.45	50.84	51.14	51.04	51.27	53.46
115°	51.62	51.90	52.38	52.64	51.84	50.83	50.31	49.51	49.48	49.33	49.29	50.67
120°	50.01	49.65	49.07	49.65	49.07	48.72	48.02	46.85	46.16	45.91	45.33	45.10
125°	48.12	47.68	47.68	48.01	48.12	47.02	45.14	44.58	43.81	43.04	43.14	42.37
130°	46.87	47.30	48.12	47.21	45.95	44.71	44.15	43.60	42.91	42.68	42.35	42.12
135°	46.92	46.22	45.18	44.39	44.05	44.50	44.50	43.70	42.91	42.91	43.01	42.77
140°	43.39	42.97	43.63	43.63	42.87	42.21	41.44	41.55	41.21	40.79	41.21	41.31
145°	42.89	42.29	42.42	41.73	41.73	41.50	41.63	40.93	40.93	40.93	40.93	40.93
150°	42.73	42.73	42.06	41.50	42.06	42.06	41.62	41.29	41.29	41.29	40.83	40.95
155°	40.50	40.50	40.64	40.41	39.92	39.92	39.92	39.70	39.21	39.83	39.83	39.12
160°	40.84	40.84	40.38	40.02	40.02	40.13	39.67	39.30	39.30	39.77	39.30	39.30
165°	41.20	40.74	40.49	40.39	40.03	40.03	39.68	39.12	39.68	39.68	39.22	39.12
170°	41.16	40.43	40.29	40.43	40.43	39.93	39.83	40.32	39.69	39.69	39.69	39.83
175°	41.15	41.15	40.69	40.69	40.69	41.15	41.15	41.15	41.15	41.15	41.15	41.15
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	261.99	262.79	263.37	263.37	263.71	263.71	264.17	263.48	262.67	261.99	260.84	259.34
10°	252.76	254.94	256.87	258.79	259.77	259.63	258.54	257.11	254.84	251.81	249.05	246.50
15°	234.86	238.25	239.77	240.83	242.71	243.77	243.06	240.83	237.55	232.64	228.18	223.98
20°	208.72	210.26	210.26	210.97	210.26	208.37	206.12	202.69	199.25	195.46	191.67	189.43
25°	183.24	182.67	182.10	180.81	180.10	178.94	177.44	176.14	175.00	174.28	172.91	172.33
30°	176.52	177.19	177.52	176.52	174.41	172.17	170.16	168.38	166.93	165.15	164.37	163.69
35°	165.38	166.74	167.99	169.12	168.32	164.68	161.39	158.55	156.51	154.00	153.32	152.87
40°	152.07	152.73	151.65	151.65	153.07	154.39	152.97	150.33	146.73	143.99	142.90	143.66
45°	142.27	142.52	143.75	142.27	141.50	141.26	141.14	140.46	138.97	135.68	135.32	133.51
50°	133.27	132.03	133.83	133.50	130.23	129.20	129.89	129.11	127.63	124.59	122.77	120.19
55°	123.67	123.01	121.57	119.15	117.37	117.04	118.48	117.27	116.60	113.06	109.53	106.75
60°	117.18	114.50	111.58	109.25	108.18	107.37	107.84	108.18	106.43	103.40	99.19	96.15
65°	107.93	106.37	102.64	100.60	98.79	96.51	96.03	96.86	93.74	91.46	88.46	85.69
70°	98.83	94.54	91.01	88.45	85.15	84.54	82.22	81.74	79.52	78.20	76.01	74.06

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75°	91.84	87.74	83.87	79.76	76.01	73.58	72.74	70.66	69.96	68.04	66.20	64.63
80°	86.52	85.35	79.85	71.08	68.61	65.11	63.45	61.82	61.23	59.95	58.43	57.13
85°	78.94	77.38	69.70	63.95	61.68	57.36	54.37	53.42	52.22	52.22	50.66	49.95
90°	68.52	68.87	66.34	61.18	56.12	51.30	48.42	47.64	46.49	46.24	45.00	44.06
95°	62.37	62.55	60.56	56.61	52.90	49.37	47.09	46.60	45.97	45.75	44.94	44.32
100°	59.30	59.39	57.67	54.32	51.29	48.41	46.43	46.08	45.70	45.51	44.91	44.45
105°	56.22	56.23	54.79	52.04	49.68	47.44	45.77	45.56	45.44	45.26	44.88	44.58
110°	53.15	53.06	51.90	49.75	48.06	46.48	45.10	45.03	45.18	45.02	44.84	44.71
115°	50.07	49.90	49.01	47.46	46.45	45.51	44.44	44.51	44.92	44.77	44.81	44.84
120°	43.92	43.58	43.23	42.89	43.23	43.58	43.11	43.47	44.39	44.28	44.75	45.10
125°	41.59	41.71	40.93	41.36	42.14	42.04	42.81	42.37	42.70	43.04	43.47	42.92
130°	42.12	41.79	41.44	42.02	41.57	42.58	42.12	42.68	42.68	42.68	42.68	42.68
135°	42.23	42.23	42.33	42.33	41.88	42.23	42.23	42.66	42.23	42.23	43.01	43.01
140°	40.45	40.55	40.45	40.45	41.21	41.31	41.21	41.21	41.21	41.21	41.21	40.79
145°	40.83	40.83	40.70	40.83	40.38	40.93	41.39	41.16	41.50	41.63	40.81	40.93
150°	40.95	40.95	40.95	40.95	40.95	40.83	41.29	41.29	41.17	41.73	41.29	41.73
155°	39.83	39.83	39.83	39.83	39.83	39.35	39.21	39.70	39.70	39.56	39.70	40.41
160°	39.30	39.30	39.30	40.13	40.13	40.13	39.67	40.02	40.02	40.02	40.38	40.84
165°	39.12	39.12	39.12	39.68	40.49	40.03	39.93	39.93	39.93	39.93	40.74	41.20
170°	39.83	39.83	39.69	39.69	39.69	39.69	39.69	40.19	39.83	40.43	40.43	40.29
175°	41.15	41.15	41.15	41.15	41.15	41.15	40.69	40.69	40.81	40.81	40.69	41.15
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	257.94	256.45	255.41	253.46	253.23	251.96	250.58	249.88	249.19	248.39	247.69	246.54
10°	244.08	242.04	239.37	236.97	234.20	231.78	230.21	228.76	227.18	226.34	226.10	225.51
15°	219.88	216.59	214.38	213.55	212.85	212.14	211.33	209.91	206.88	203.49	201.01	199.14
20°	187.17	186.22	186.82	189.54	190.25	187.65	185.40	184.57	183.98	183.15	182.43	182.43
25°	172.91	174.42	175.57	172.43	169.27	168.13	168.61	168.13	168.70	169.41	169.41	168.93
30°	163.92	164.37	161.13	159.00	158.00	156.89	156.67	157.00	157.67	158.46	158.79	159.12
35°	152.64	150.26	147.29	145.71	144.12	143.56	143.32	144.02	145.60	147.42	147.78	147.78
40°	141.59	137.66	134.93	132.85	132.19	131.53	131.43	132.95	134.27	135.03	136.02	137.21
45°	130.65	128.48	124.83	123.00	122.32	122.32	122.32	122.67	123.80	125.52	127.81	128.49
50°	119.50	117.15	113.18	111.59	110.25	109.79	110.25	110.48	111.95	114.53	116.47	118.27
55°	105.32	103.99	102.78	102.11	100.78	100.12	99.45	99.45	100.35	104.00	106.76	108.87
60°	95.21	94.76	94.76	94.40	92.88	92.18	91.13	90.66	90.78	93.35	97.79	101.17
65°	85.44	84.72	85.44	84.60	84.25	84.25	83.41	82.79	81.95	83.27	87.37	92.30
70°	72.83	72.83	73.70	73.20	72.95	73.70	73.70	73.09	72.22	73.20	75.39	79.43
75°	63.78	63.93	65.36	65.50	65.01	65.60	66.44	66.34	66.20	67.68	69.25	69.95
80°	56.31	55.14	57.83	58.90	59.71	62.64	60.76	60.76	61.47	61.93	62.64	63.45
85°	49.22	49.11	50.66	53.29	54.50	54.61	55.69	57.96	58.31	57.96	59.02	59.52
90°	43.27	42.82	43.62	46.59	45.80	46.59	47.64	49.02	52.54	54.28	57.16	57.26
95°	43.90	43.57	44.05	46.10	45.45	46.10	47.18	48.39	51.24	52.89	55.43	55.89
100°	44.22	43.94	44.26	45.86	45.27	45.86	46.95	48.08	50.58	52.20	54.57	55.20
105°	44.54	44.31	44.48	45.61	45.10	45.61	46.72	47.76	49.93	51.50	53.70	54.51
110°	44.85	44.68	44.69	45.37	44.92	45.37	46.49	47.45	49.28	50.81	52.84	53.82
115°	45.17	45.06	44.90	45.12	44.74	45.12	46.26	47.13	48.63	50.11	51.97	53.14
120°	45.80	45.80	45.33	44.63	44.39	44.63	45.80	46.50	47.32	48.72	50.24	51.76
125°	43.37	43.37	43.70	43.47	43.04	43.04	44.14	44.91	45.14	46.24	47.68	49.11
130°	43.37	43.24	42.91	42.91	43.37	43.47	44.48	45.17	47.21	48.45	48.91	48.22
135°	42.91	43.35	43.35	43.01	43.70	43.60	44.39	44.39	45.18	45.52	45.88	44.84
140°	40.98	40.79	41.11	41.97	41.87	42.63	42.53	43.06	42.53	42.63	41.87	41.87
145°	40.93	40.93	40.93	40.81	41.39	41.50	41.96	41.50	42.19	41.96	41.36	41.50
150°	41.17	41.17	41.17	41.17	41.73	42.06	41.95	41.95	41.62	41.29	41.29	41.29
155°	39.70	39.56	39.56	39.70	39.70	39.56	39.70	39.21	39.35	39.48	38.98	39.12
160°	40.84	40.84	40.38	40.48	39.55	40.02	40.13	39.20	39.30	39.30	39.30	39.30

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165°	41.10	41.10	40.64	40.74	40.74	40.74	40.39	40.03	40.03	39.12	39.68	39.22
170°	41.16	40.53	41.02	41.02	41.02	41.02	41.16	40.43	40.43	39.93	40.19	39.69
175°	41.15	41.15	41.15	41.49	41.49	41.49	41.49	41.15	40.69	40.69	40.69	40.69
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	245.50	246.54	247.69	248.39	249.19	249.88	250.58	251.96	253.23	253.46	255.41	256.45
10°	224.42	225.51	226.10	226.34	227.18	228.76	230.21	231.78	234.20	236.97	239.37	242.04
15°	198.23	199.14	201.01	203.49	206.88	209.91	211.33	212.14	212.85	213.55	214.38	216.59
20°	181.86	182.43	182.43	183.15	183.98	184.57	185.40	187.65	190.25	189.54	186.82	186.22
25°	168.93	168.93	169.41	169.41	168.70	168.13	168.61	168.13	169.27	172.43	175.57	174.42
30°	158.67	159.12	158.79	158.46	157.67	157.00	156.67	156.89	158.00	159.00	161.13	164.37
35°	148.34	147.78	147.78	147.42	145.60	144.02	143.32	143.56	144.12	145.71	147.29	150.26
40°	138.53	137.21	136.02	135.03	134.27	132.95	131.43	131.53	132.19	132.85	134.93	137.66
45°	130.42	128.49	127.81	125.52	123.80	122.67	122.32	122.32	122.32	123.00	124.83	128.48
50°	120.87	118.27	116.47	114.53	111.95	110.48	110.25	109.79	110.25	111.59	113.18	117.15
55°	112.52	108.87	106.76	104.00	100.35	99.45	99.45	100.12	100.78	102.11	102.78	103.99
60°	105.03	101.17	97.79	93.35	90.78	90.66	91.13	92.18	92.88	94.40	94.76	94.76
65°	95.42	92.30	87.37	83.27	81.95	82.79	83.41	84.25	84.25	84.60	85.44	84.72
70°	83.21	79.43	75.39	73.20	72.22	73.09	73.70	73.70	72.95	73.20	73.70	72.83
75°	73.60	69.95	69.25	67.68	66.20	66.34	66.44	65.60	65.01	65.50	65.36	63.93
80°	64.40	63.45	62.64	61.93	61.47	60.76	60.76	62.64	59.71	58.90	57.83	55.14
85°	60.24	59.52	59.02	57.96	58.31	57.96	55.69	54.61	54.50	53.29	50.66	49.11
90°	58.65	57.26	57.16	54.28	52.54	49.02	47.64	46.59	45.80	46.59	43.62	42.82
95°	57.05	55.89	55.43	52.89	51.24	48.39	47.18	46.10	45.45	46.10	44.05	43.57
100°	56.24	55.20	54.57	52.20	50.58	48.08	46.95	45.86	45.27	45.86	44.26	43.94
105°	55.44	54.51	53.70	51.50	49.93	47.76	46.72	45.61	45.10	45.61	44.48	44.31
110°	54.64	53.82	52.84	50.81	49.28	47.45	46.49	45.37	44.92	45.37	44.69	44.68
115°	53.84	53.14	51.97	50.11	48.63	47.13	46.26	45.12	44.74	45.12	44.90	45.06
120°	52.23	51.76	50.24	48.72	47.32	46.50	45.80	44.63	44.39	44.63	45.33	45.80
125°	49.55	49.11	47.68	46.24	45.14	44.91	44.14	43.04	43.04	43.47	43.70	43.37
130°	47.77	48.22	48.91	48.45	47.21	45.17	44.48	43.47	43.37	42.91	42.91	43.24
135°	45.62	44.84	45.88	45.52	45.18	44.39	44.39	43.60	43.70	43.01	43.35	43.35
140°	41.87	41.87	41.87	42.63	42.53	43.06	42.53	42.63	41.87	41.97	41.11	40.79
145°	40.81	41.50	41.36	41.96	42.19	41.50	41.96	41.50	41.39	40.81	40.93	40.93
150°	40.50	41.29	41.29	41.29	41.62	41.95	41.95	42.06	41.73	41.17	41.17	41.17
155°	39.12	39.12	38.98	39.48	39.35	39.21	39.70	39.56	39.70	39.70	39.56	39.56
160°	38.96	39.30	39.30	39.30	39.30	39.20	40.13	40.02	39.55	40.48	40.38	40.84
165°	39.22	39.22	39.68	39.12	40.03	40.03	40.39	40.74	40.74	40.74	40.64	41.10
170°	39.83	39.69	40.19	39.93	40.43	40.43	41.16	41.02	41.02	41.02	41.02	40.53
175°	41.15	40.69	40.69	40.69	40.69	41.15	41.49	41.49	41.49	41.49	41.15	41.15
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	257.94	259.34	260.84	261.99	262.67	263.48	264.17	263.71	263.71	263.37	263.37	262.79
10°	244.08	246.50	249.05	251.81	254.84	257.11	258.54	259.63	259.77	258.79	256.87	254.94
15°	219.88	223.98	228.18	232.64	237.55	240.83	243.06	243.77	242.71	240.83	239.77	238.25
20°	187.17	189.43	191.67	195.46	199.25	202.69	206.12	208.37	210.26	210.97	210.26	210.26
25°	172.91	172.33	172.91	174.28	175.00	176.14	177.44	178.94	180.10	180.81	182.10	182.67
30°	163.92	163.69	164.37	165.15	166.93	168.38	170.16	172.17	174.41	176.52	177.52	177.19
35°	152.64	152.87	153.32	154.00	156.51	158.55	161.39	164.68	168.32	169.12	167.99	166.74
40°	141.59	143.66	142.90	143.99	146.73	150.33	152.97	154.39	153.07	151.65	151.65	152.73
45°	130.65	133.51	135.32	135.68	138.97	140.46	141.14	141.26	141.50	142.27	143.75	142.52
50°	119.50	120.19	122.77	124.59	127.63	129.11	129.89	129.20	130.23	133.50	133.83	132.03
55°	105.32	106.75	109.53	113.06	116.60	117.27	118.48	117.04	117.37	119.15	121.57	123.01
60°	95.21	96.15	99.19	103.40	106.43	108.18	107.84	107.37	108.18	109.25	111.58	114.50

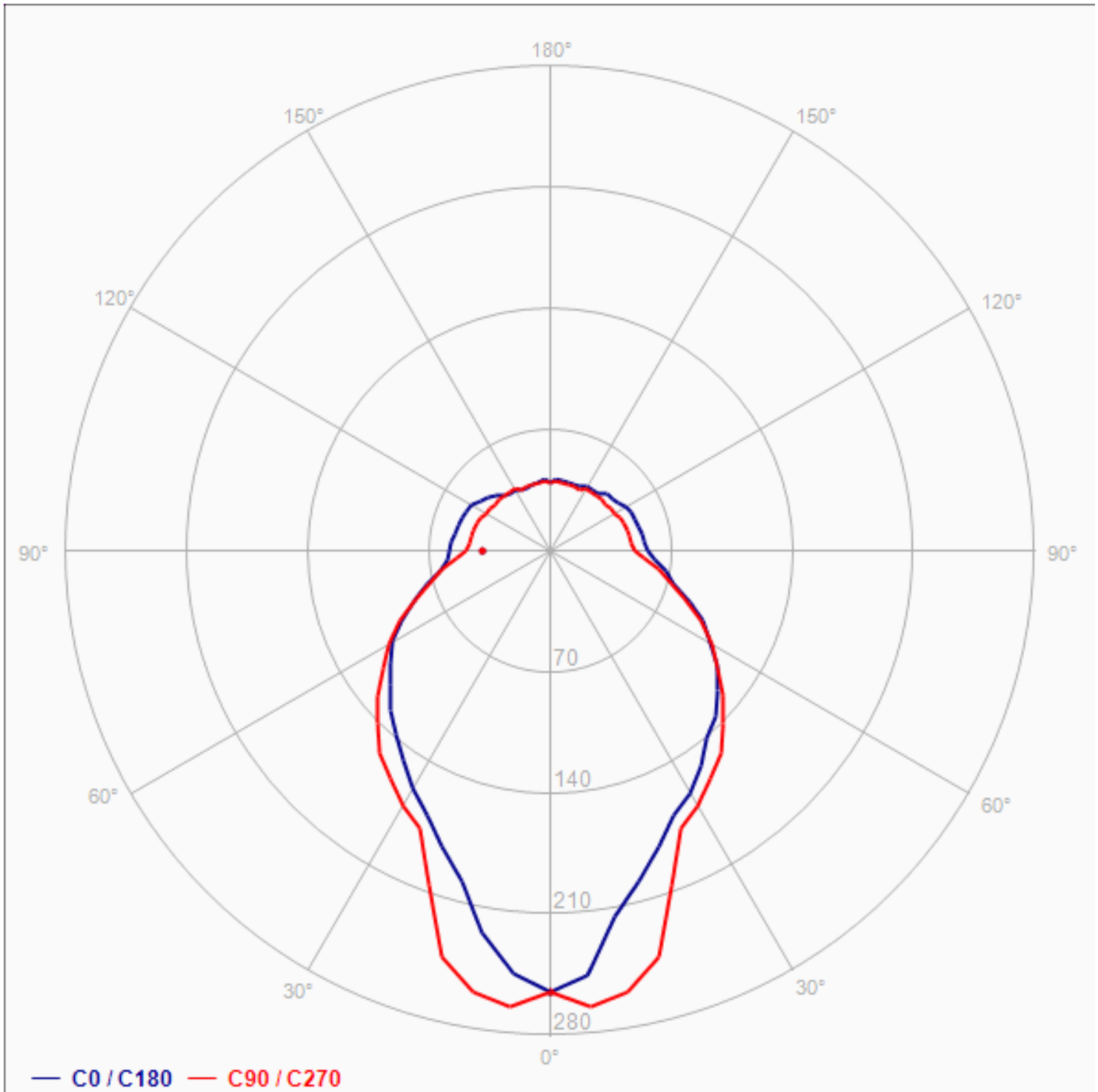
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65°	85.44	85.69	88.46	91.46	93.74	96.86	96.03	96.51	98.79	100.60	102.64	106.37
70°	72.83	74.06	76.01	78.20	79.52	81.74	82.22	84.54	85.15	88.45	91.01	94.54
75°	63.78	64.63	66.20	68.04	69.96	70.66	72.74	73.58	76.01	79.76	83.87	87.74
80°	56.31	57.13	58.43	59.95	61.23	61.82	63.45	65.11	68.61	71.08	79.85	85.35
85°	49.22	49.95	50.66	52.22	52.22	53.42	54.37	57.36	61.68	63.95	69.70	77.38
90°	43.27	44.06	45.00	46.24	46.49	47.64	48.42	51.30	56.12	61.18	66.34	68.87
95°	43.90	44.32	44.94	45.75	45.97	46.60	47.09	49.37	52.90	56.61	60.56	62.55
100°	44.22	44.45	44.91	45.51	45.70	46.08	46.43	48.41	51.29	54.32	57.67	59.39
105°	44.54	44.58	44.88	45.26	45.44	45.56	45.77	47.44	49.68	52.04	54.79	56.23
110°	44.85	44.71	44.84	45.02	45.18	45.03	45.10	46.48	48.06	49.75	51.90	53.06
115°	45.17	44.84	44.81	44.77	44.92	44.51	44.44	45.51	46.45	47.46	49.01	49.90
120°	45.80	45.10	44.75	44.28	44.39	43.47	43.11	43.58	43.23	42.89	43.23	43.58
125°	43.37	42.92	43.47	43.04	42.70	42.37	42.81	42.04	42.14	41.36	40.93	41.71
130°	43.37	42.68	42.68	42.68	42.68	42.68	42.12	42.58	41.57	42.02	41.44	41.79
135°	42.91	43.01	43.01	42.23	42.23	42.66	42.23	42.23	41.88	42.33	42.33	42.23
140°	40.98	40.79	41.21	41.21	41.21	41.21	41.21	41.31	41.21	40.45	40.45	40.55
145°	40.93	40.93	40.81	41.63	41.50	41.16	41.39	40.93	40.38	40.83	40.70	40.83
150°	41.17	41.73	41.29	41.73	41.17	41.29	41.29	40.83	40.95	40.95	40.95	40.95
155°	39.70	40.41	39.70	39.56	39.70	39.70	39.21	39.35	39.83	39.83	39.83	39.83
160°	40.84	40.84	40.38	40.02	40.02	40.02	39.67	40.13	40.13	40.13	39.30	39.30
165°	41.10	41.20	40.74	39.93	39.93	39.93	39.93	40.03	40.49	39.68	39.12	39.12
170°	41.16	40.29	40.43	40.43	39.83	40.19	39.69	39.69	39.69	39.69	39.69	39.83
175°	41.15	41.15	40.69	40.81	40.81	40.69	40.69	41.15	41.15	41.15	41.15	41.15
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30
Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80	254.80
5°	261.99	261.29	260.02	258.64	257.84	256.45	254.95	254.27	252.76	250.58	249.19	247.69
10°	252.76	250.10	246.74	242.64	238.54	233.95	231.54	228.27	225.37	223.20	219.94	216.94
15°	234.86	231.93	228.89	225.85	223.26	218.47	213.91	209.00	205.82	203.03	201.36	199.38
20°	208.72	206.11	201.14	195.22	192.61	190.96	189.90	188.72	187.29	186.46	185.04	183.75
25°	183.24	183.24	182.67	182.10	180.01	178.72	177.44	176.28	175.57	174.77	173.48	171.14
30°	176.52	175.74	174.62	173.96	171.84	170.39	169.06	168.27	168.27	167.48	166.60	164.37
35°	165.38	163.57	162.19	161.39	159.57	158.88	158.78	157.76	157.06	157.06	156.51	154.55
40°	152.07	151.31	150.65	148.15	147.15	147.49	148.15	148.05	148.57	148.05	146.73	143.99
45°	142.27	142.27	142.27	140.46	138.29	138.18	140.01	141.94	143.75	142.63	138.97	137.39
50°	133.27	135.08	132.59	130.56	128.97	128.97	130.79	135.30	137.34	135.30	130.68	128.06
55°	123.67	124.02	124.35	123.01	120.91	119.81	120.37	124.68	128.21	126.12	121.80	119.48
60°	117.18	117.07	116.71	114.50	112.28	109.25	108.54	111.23	114.85	115.21	112.97	111.23
65°	107.93	108.41	106.37	104.92	102.16	99.88	99.04	100.60	102.53	102.28	102.16	101.32
70°	98.83	98.32	96.00	93.93	89.05	87.10	88.69	90.64	90.54	88.56	89.29	89.19
75°	91.84	91.84	93.17	87.84	80.12	78.18	80.71	82.79	82.28	80.22	79.38	78.87
80°	86.52	82.78	81.26	77.86	74.12	71.55	72.60	74.58	76.24	72.60	70.84	69.56
85°	78.94	76.53	71.62	68.86	67.79	65.03	63.60	64.80	65.87	65.51	65.51	62.41
90°	68.52	67.38	61.18	59.59	59.44	57.50	57.16	57.16	60.14	61.62	62.32	58.65
95°	62.37	61.81	57.22	56.17	56.12	54.84	54.88	55.05	57.37	58.63	59.01	56.40
100°	59.30	59.03	55.24	54.46	54.46	53.51	53.73	54.00	55.99	57.13	57.35	55.28
105°	56.22	56.24	53.26	52.75	52.80	52.18	52.59	52.94	54.61	55.64	55.70	54.15
110°	53.15	53.46	51.27	51.04	51.14	50.84	51.45	51.89	53.22	54.14	54.04	53.03
115°	50.07	50.67	49.29	49.33	49.48	49.51	50.31	50.83	51.84	52.64	52.38	51.90
120°	43.92	45.10	45.33	45.91	46.16	46.85	48.02	48.72	49.07	49.65	49.07	49.65
125°	41.59	42.37	43.14	43.04	43.81	44.58	45.14	47.02	48.12	48.01	47.68	47.68
130°	42.12	42.12	42.35	42.68	42.91	43.60	44.15	44.71	45.95	47.21	48.12	47.30
135°	42.23	42.77	43.01	42.91	42.91	43.70	44.50	44.50	44.05	44.39	45.18	46.22
140°	40.45	41.31	41.21	40.79	41.21	41.55	41.44	42.21	42.87	43.63	43.63	42.97
145°	40.83	40.93	40.93	40.93	40.93	40.93	41.63	41.50	41.73	41.73	42.42	42.29
150°	40.95	40.95	40.83	41.29	41.29	41.29	41.62	42.06	42.06	41.50	42.06	42.73

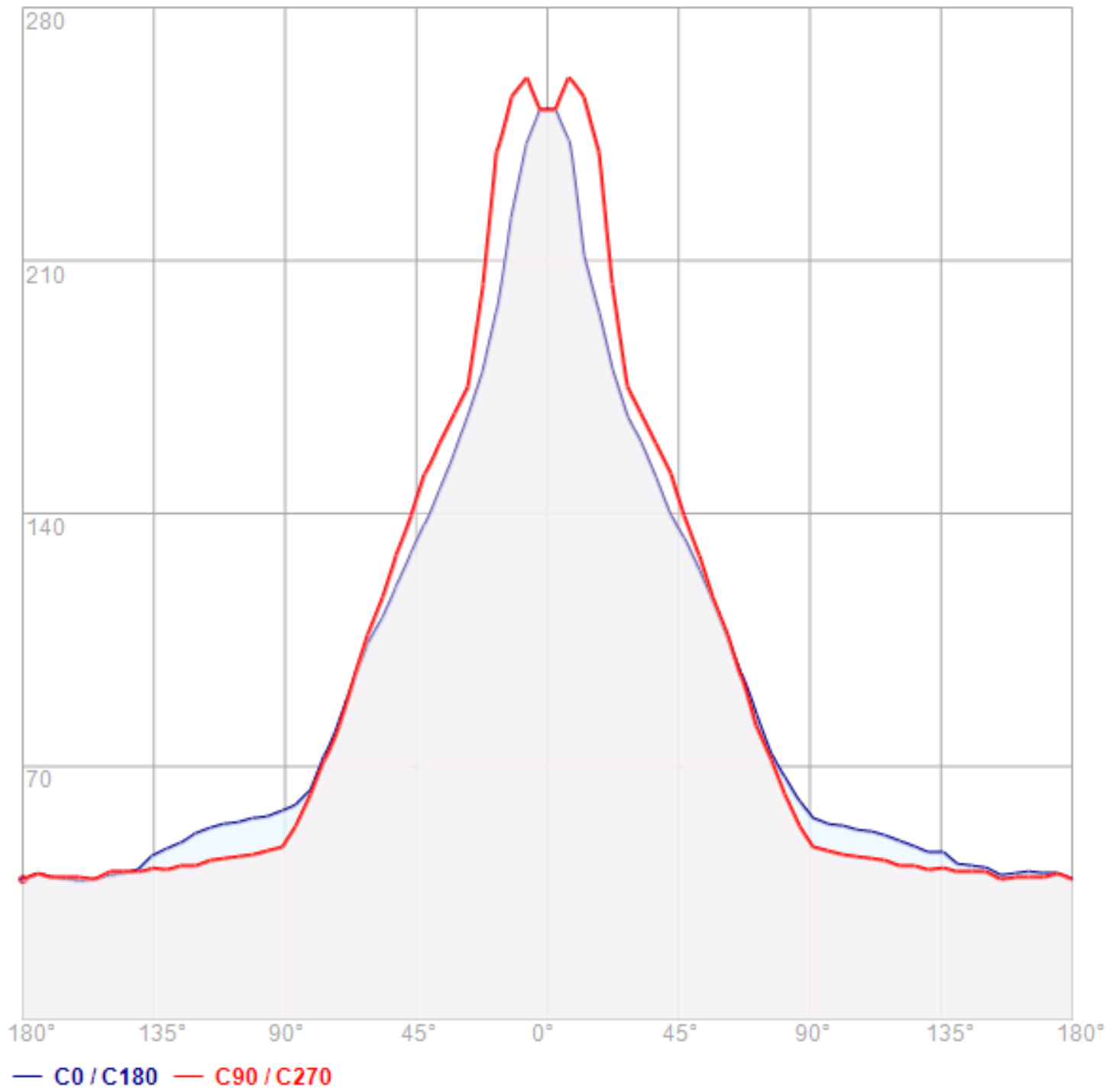
PHOTOMETRIC MEASUREMENT REPORT N° 16

155°	39.83	39.12	39.83	39.83	39.21	39.70	39.92	39.92	39.92	40.41	40.64	40.50
160°	39.30	39.30	39.30	39.77	39.30	39.30	39.67	40.13	40.02	40.02	40.38	40.84
165°	39.12	39.12	39.22	39.68	39.68	39.12	39.68	40.03	40.03	40.39	40.49	40.74
170°	39.83	39.83	39.69	39.69	39.69	40.32	39.83	39.93	40.43	40.43	40.29	40.43
175°	41.15	41.15	41.15	41.15	41.15	41.15	41.15	41.15	40.69	40.69	40.69	41.15
180°	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30	39.30

Photometric Polar Diagram



Photometric Cartesian Diagram



Light Emmission Photo



Opening angle

