



## PHOTOMETRIC MEASUREMENT REPORT N° StarEye Maxi 4000K 22°

Photometric measurement date: **9/7/2016/E**

Company: **Lux Lumen**

Operator: **Ilen**

Type of photometric measurement: **C - Gamma**

**The measurements have been performed in the following laboratory ambient conditions:**

Temperature:

Relative humidity:

Air turbulence:

Stabilization time before measurement:

Regulations applied:

Electro Magnetic Compatibility (EMC): **Shielded instrument**

Luminaire name: **stareye maxi smooth 4000**

Eulumdat reference: **stareye maxi smooth 4000**

Size of luminaire (mm): **52 x 52 x 52**

Size of luminous area (mm): **51 x 0**

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

Number of lamps: **1**

Type of light source: **LED**

Total luminous flux of the light source (lm): **Not available**

Output luminous flux of the lamp (lm): **541.447908846789**

Colour temperature (K): **4000**

Colour rendering index: **0**

Supply current (mA): **0**

Source power (W): **10**

Power consumption included source power (W): **12**

LED module efficacy (lm/W): **0.00**

System light efficacy (lm/W): **0.00**

Luminaire light efficacy (lm/W): **45.12**

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

Downward Flux Fraction (DFF): **100**

Upward Flux Fraction (UFF): **0.00**

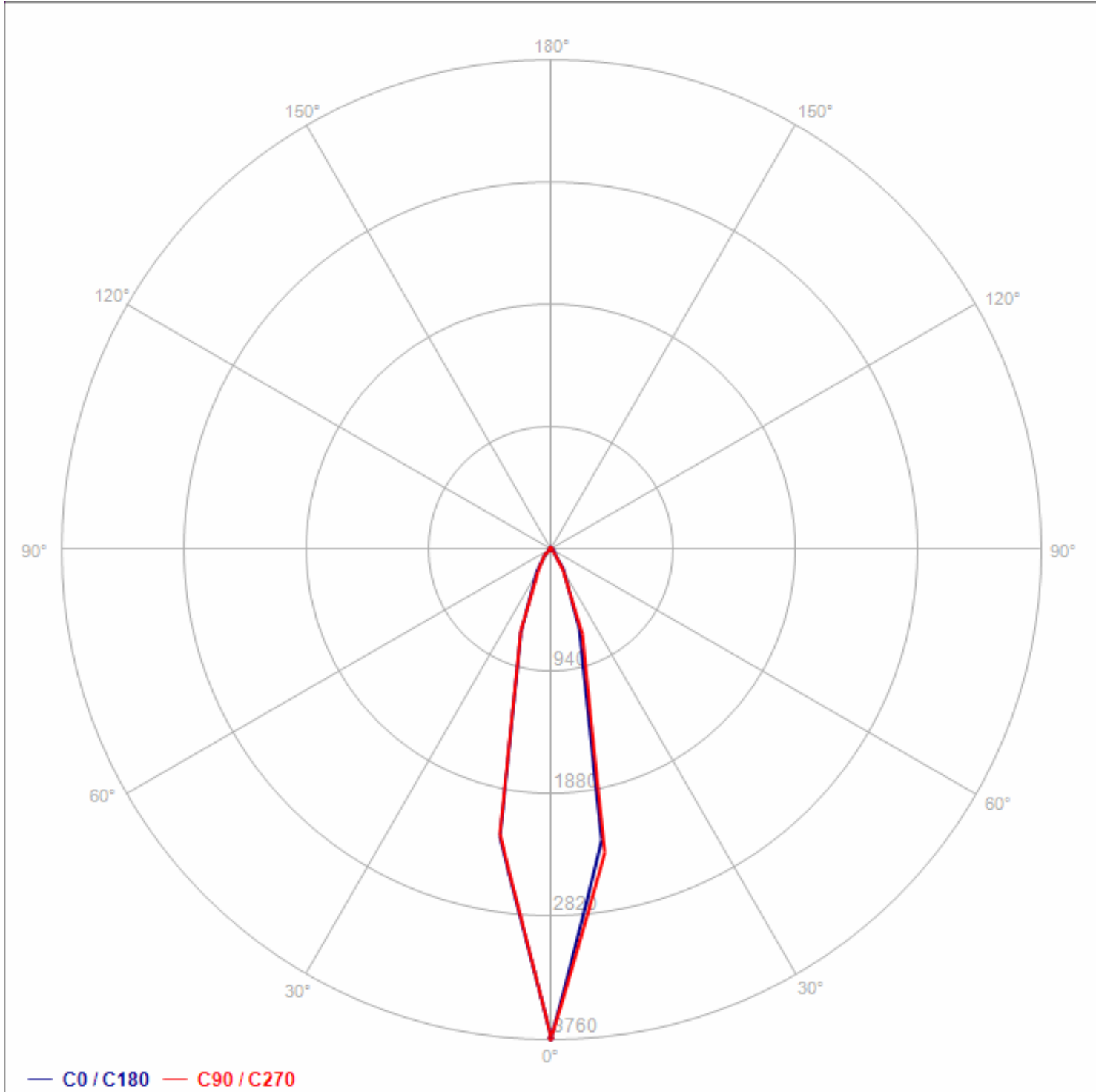
Tilt during measurement (for street luminaires): **0**

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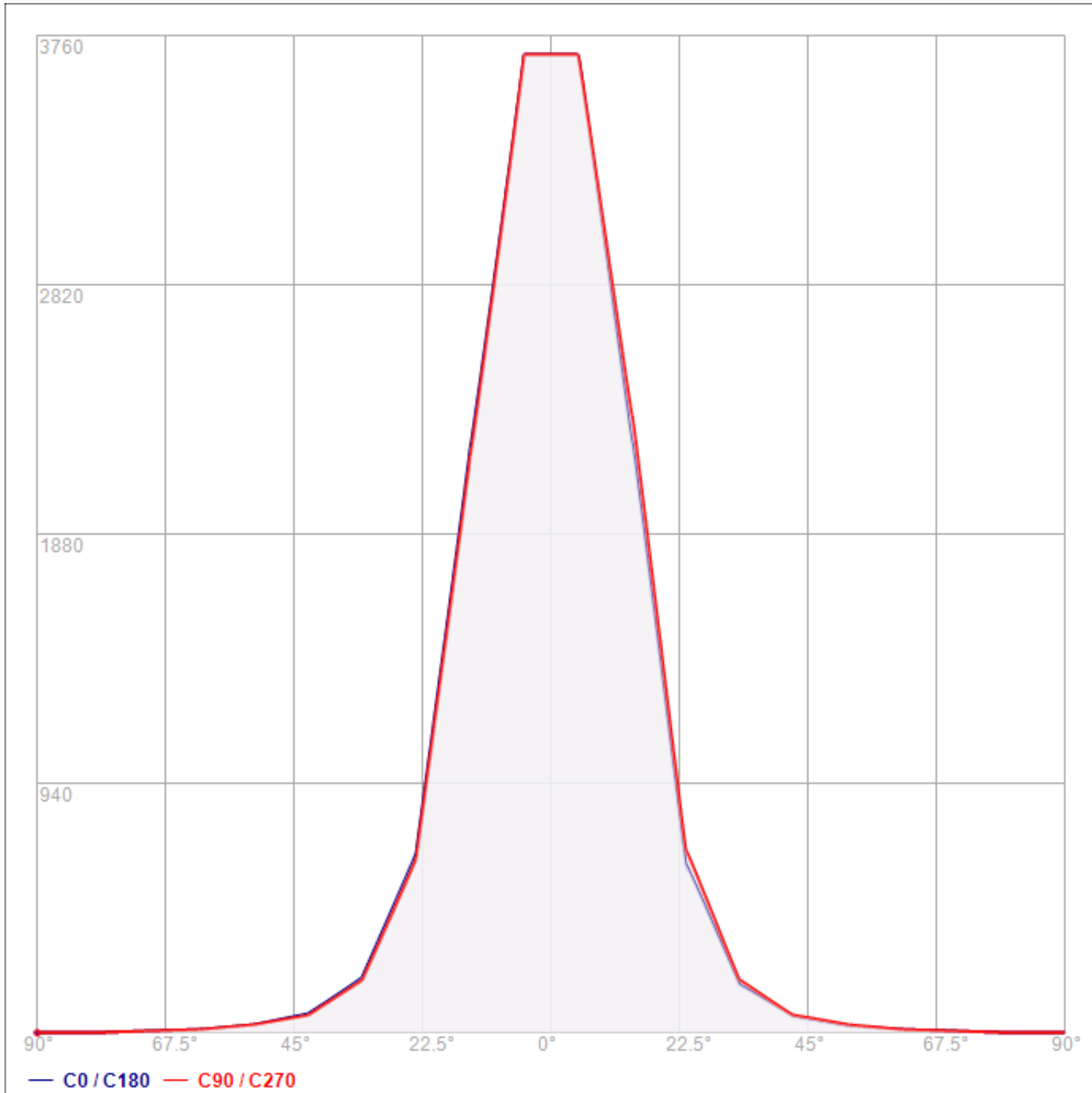
## Luminous intensities

Gamma	C0°	C10°	C20°	C30°	C40°	C50°	C60°	C70°	C80°	C90°	C100°	C110°
0°	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63
10°	2270.20	2285.77	2301.30	2317.31	2332.91	2348.73	2361.42	2370.15	2373.19	2370.45	2361.84	2349.64
20°	645.74	652.64	669.55	691.09	710.36	723.34	727.01	722.07	712.20	703.45	704.00	716.29
30°	184.35	185.26	190.51	200.59	213.43	221.64	221.81	214.96	206.02	200.82	204.03	219.78
40°	62.38	61.74	62.65	64.86	67.81	70.08	70.35	68.88	67.18	66.24	67.43	71.73
50°	26.85	26.73	26.80	27.28	27.94	28.64	28.92	29.14	29.17	29.21	29.67	31.08
60°	11.71	11.78	11.58	11.51	11.71	11.93	12.19	12.68	12.91	13.24	13.46	13.95
70°	4.12	4.12	3.96	3.96	3.96	3.90	4.09	4.33	4.37	4.31	4.50	4.59
80°	0.70	0.70	0.70	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
90°	0.40	0.25	0.25	0.25	0.25	0.40	0.40	0.25	0.25	0.25	0.40	0.25
Gamma	C120°	C130°	C140°	C150°	C160°	C170°	C180°	C190°	C200°	C210°	C220°	C230°
0°	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63
10°	2335.15	2320.33	2304.91	2289.82	2274.03	2258.91	2246.12	2234.78	2224.93	2216.27	2210.67	2207.67
20°	735.63	751.04	753.48	739.73	717.34	698.72	691.54	696.25	708.29	718.17	717.30	705.07
30°	245.43	268.87	276.66	263.31	237.68	216.27	211.40	223.46	245.20	264.23	269.21	257.38
40°	79.98	90.30	94.97	89.07	79.39	72.55	71.11	75.24	83.29	92.94	96.49	90.40
50°	33.37	36.15	37.39	36.12	33.76	31.57	31.03	31.96	33.82	36.02	36.83	35.68
60°	14.34	14.73	14.94	14.60	14.08	13.46	12.97	12.97	13.19	13.61	13.68	13.74
70°	4.65	4.78	4.78	4.65	4.37	4.12	3.96	3.77	3.77	3.77	3.77	3.93
80°	0.63	0.63	0.63	0.63	0.63	0.63	0.53	0.70	0.70	0.70	0.53	0.53
90°	0.40	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Gamma	C240°	C250°	C260°	C270°	C280°	C290°	C300°	C310°	C320°	C330°	C340°	C350°
0°	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63	3757.63
10°	2206.21	2206.64	2208.52	2213.16	2219.33	2226.21	2230.44	2231.09	2226.89	2221.24	2219.35	2223.39
20°	687.05	671.64	664.27	668.99	684.16	702.43	715.12	715.87	702.68	675.62	645.91	627.49
30°	234.93	213.09	201.70	202.90	212.42	223.97	231.67	230.65	220.25	203.76	187.53	178.59
40°	80.10	72.13	68.58	68.49	69.89	71.92	73.36	72.05	68.35	64.63	62.07	60.17
50°	33.42	31.39	30.31	30.07	30.05	29.96	29.57	28.86	27.59	26.68	26.28	25.92
60°	13.52	13.10	12.98	12.60	12.37	12.11	11.85	11.43	11.37	11.10	11.16	11.52
70°	3.93	3.99	3.80	3.71	3.56	3.52	3.58	3.43	3.43	3.58	3.71	3.84
80°	0.60	0.60	0.60	0.60	0.60	0.53	0.53	0.53	0.53	0.70	0.70	0.70
90°	0.25	0.40	0.25	0.25	0.25	0.45	0.45	0.45	0.45	0.45	0.45	0.45

Photometric Polar Diagram



## Photometric Cartesian Diagram



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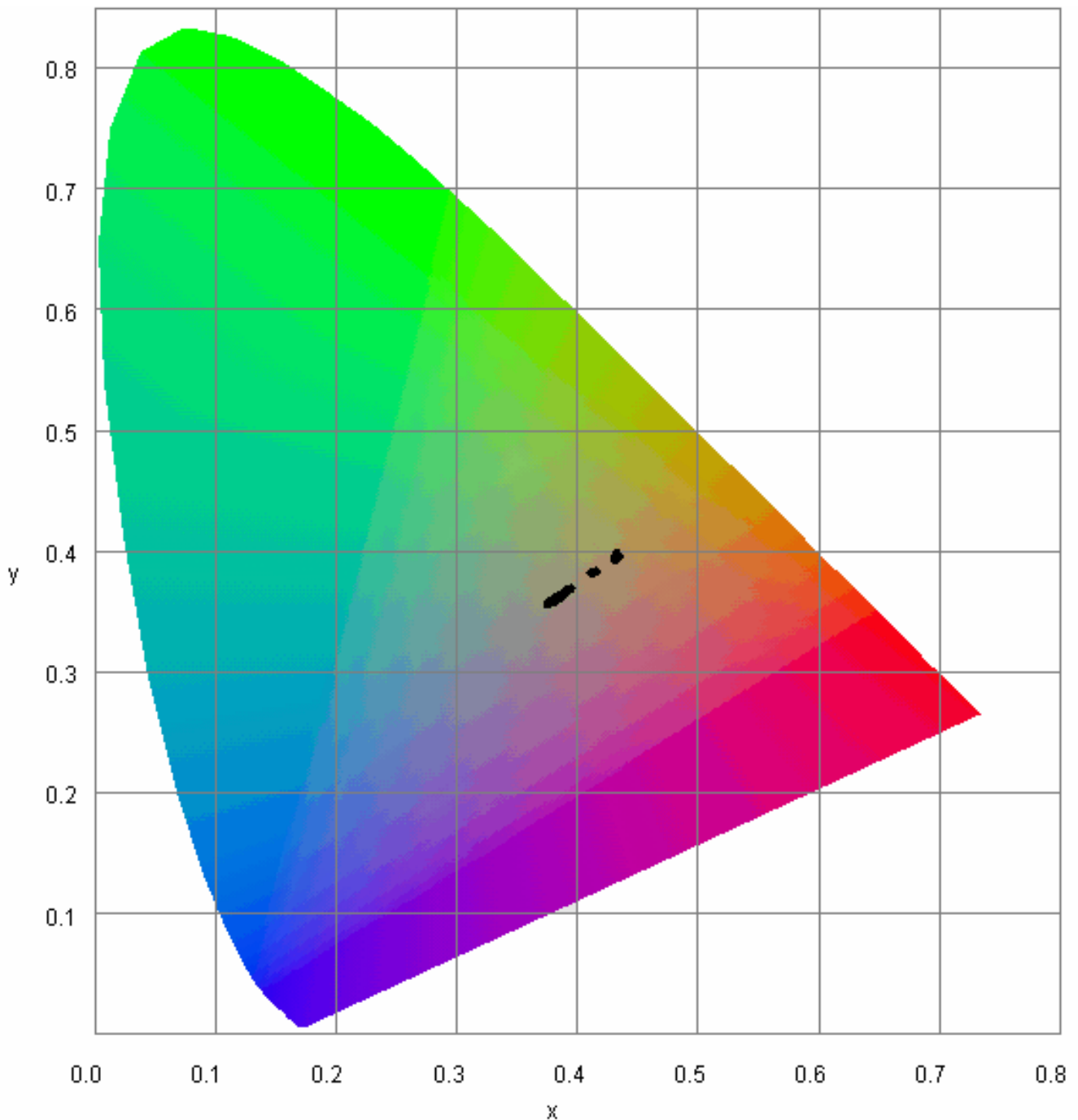
**x y**

Gamma	C0° x	C0° y	C10° x	C10° y	C20° x	C20° y	C30° x	C30° y	C40° x	C40° y	C50° x	C50° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.386	0.362	0.386	0.362	0.386	0.362	0.385	0.362	0.385	0.362	0.385	0.362
20°	0.383	0.360	0.382	0.360	0.382	0.359	0.381	0.359	0.381	0.359	0.381	0.359
30°	0.381	0.359	0.380	0.359	0.380	0.358	0.379	0.358	0.379	0.358	0.379	0.358
40°	0.382	0.360	0.381	0.359	0.381	0.359	0.380	0.359	0.380	0.359	0.379	0.358
50°	0.385	0.362	0.384	0.361	0.384	0.362	0.383	0.361	0.383	0.361	0.382	0.360
60°	0.378	0.358	0.378	0.358	0.377	0.357	0.377	0.357	0.378	0.358	0.376	0.357
70°	0.383	0.361	0.383	0.361	0.390	0.366	0.390	0.366	0.390	0.366	0.390	0.366
80°	0.412	0.381	0.412	0.381	0.412	0.381	0.414	0.382	0.414	0.382	0.414	0.382
90°	0.410	0.381	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397	0.410	0.381
Gamma	C60° x	C60° y	C70° x	C70° y	C80° x	C80° y	C90° x	C90° y	C100° x	C100° y	C110° x	C110° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362
20°	0.381	0.359	0.381	0.359	0.381	0.359	0.381	0.359	0.381	0.359	0.382	0.359
30°	0.379	0.358	0.379	0.358	0.379	0.358	0.379	0.358	0.380	0.358	0.380	0.358
40°	0.379	0.359	0.379	0.359	0.379	0.359	0.380	0.359	0.380	0.358	0.380	0.358
50°	0.382	0.361	0.382	0.361	0.381	0.360	0.382	0.361	0.382	0.360	0.382	0.360
60°	0.378	0.358	0.377	0.357	0.375	0.356	0.376	0.357	0.375	0.356	0.374	0.356
70°	0.391	0.367	0.380	0.359	0.387	0.364	0.387	0.364	0.388	0.365	0.383	0.361
80°	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382
90°	0.410	0.381	0.431	0.397	0.431	0.397	0.431	0.397	0.410	0.381	0.431	0.397
Gamma	C120° x	C120° y	C130° x	C130° y	C140° x	C140° y	C150° x	C150° y	C160° x	C160° y	C170° x	C170° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362
20°	0.382	0.359	0.382	0.359	0.382	0.359	0.382	0.359	0.382	0.359	0.382	0.359
30°	0.380	0.358	0.381	0.358	0.381	0.359	0.381	0.359	0.381	0.359	0.380	0.358
40°	0.380	0.358	0.380	0.359	0.380	0.359	0.381	0.359	0.380	0.359	0.380	0.359
50°	0.382	0.360	0.381	0.359	0.382	0.360	0.382	0.360	0.382	0.360	0.383	0.361
60°	0.376	0.357	0.378	0.358	0.379	0.358	0.377	0.358	0.375	0.356	0.375	0.356
70°	0.383	0.361	0.384	0.362	0.384	0.362	0.383	0.361	0.387	0.364	0.383	0.361
80°	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382	0.414	0.382
90°	0.410	0.381	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397
Gamma	C180° x	C180° y	C190° x	C190° y	C200° x	C200° y	C210° x	C210° y	C220° x	C220° y	C230° x	C230° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362	0.385	0.362
20°	0.381	0.359	0.381	0.359	0.381	0.359	0.381	0.359	0.381	0.359	0.381	0.359
30°	0.379	0.358	0.378	0.358	0.378	0.358	0.378	0.358	0.378	0.358	0.378	0.358
40°	0.379	0.358	0.378	0.358	0.378	0.358	0.377	0.358	0.378	0.358	0.378	0.358
50°	0.381	0.360	0.380	0.359	0.380	0.360	0.379	0.359	0.379	0.359	0.380	0.360
60°	0.376	0.357	0.376	0.357	0.375	0.356	0.374	0.355	0.375	0.356	0.375	0.356
70°	0.390	0.366	0.388	0.365	0.388	0.365	0.388	0.365	0.388	0.365	0.382	0.361
80°	0.433	0.394	0.412	0.381	0.412	0.381	0.412	0.381	0.433	0.394	0.433	0.394
90°	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397	0.431	0.397
Gamma	C240° x	C240° y	C250° x	C250° y	C260° x	C260° y	C270° x	C270° y	C280° x	C280° y	C290° x	C290° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.385	0.362	0.386	0.362	0.386	0.362	0.386	0.362	0.386	0.362	0.386	0.362
20°	0.381	0.359	0.382	0.360	0.383	0.360	0.384	0.360	0.384	0.361	0.385	0.361
30°	0.379	0.358	0.380	0.358	0.380	0.359	0.382	0.359	0.383	0.360	0.384	0.360
40°	0.378	0.358	0.380	0.359	0.380	0.359	0.382	0.360	0.382	0.360	0.383	0.361
50°	0.381	0.360	0.382	0.361	0.383	0.361	0.383	0.361	0.384	0.361	0.385	0.362
60°	0.376	0.357	0.377	0.357	0.375	0.356	0.379	0.358	0.380	0.359	0.379	0.358
70°	0.382	0.361	0.382	0.360	0.380	0.360	0.386	0.363	0.393	0.368	0.385	0.363

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80°	0.430	0.392	0.430	0.392	0.430	0.392	0.430	0.392	0.430	0.392	0.433	0.394
90°	0.431	0.397	0.410	0.381	0.431	0.397	0.431	0.397	0.431	0.397	0.430	0.394
Gamma	C300° x	C300° y	C310° x	C310° y	C320° x	C320° y	C330° x	C330° y	C340° x	C340° y	C350° x	C350° y
0°	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363	0.387	0.363
10°	0.386	0.362	0.386	0.362	0.386	0.362	0.386	0.362	0.386	0.362	0.386	0.362
20°	0.385	0.361	0.385	0.361	0.385	0.361	0.384	0.361	0.384	0.360	0.383	0.360
30°	0.384	0.360	0.384	0.360	0.383	0.360	0.383	0.360	0.382	0.359	0.381	0.359
40°	0.383	0.360	0.383	0.360	0.382	0.360	0.382	0.360	0.382	0.360	0.382	0.360
50°	0.386	0.362	0.384	0.361	0.385	0.362	0.386	0.362	0.384	0.361	0.383	0.361
60°	0.377	0.357	0.378	0.358	0.377	0.357	0.377	0.357	0.378	0.358	0.376	0.357
70°	0.385	0.362	0.391	0.367	0.391	0.367	0.385	0.362	0.386	0.363	0.388	0.365
80°	0.433	0.394	0.433	0.394	0.433	0.394	0.412	0.381	0.412	0.381	0.412	0.381
90°	0.430	0.394	0.430	0.394	0.430	0.394	0.430	0.394	0.430	0.394	0.430	0.394

**(x,y) chromaticity coordinates (CIE 1931)**



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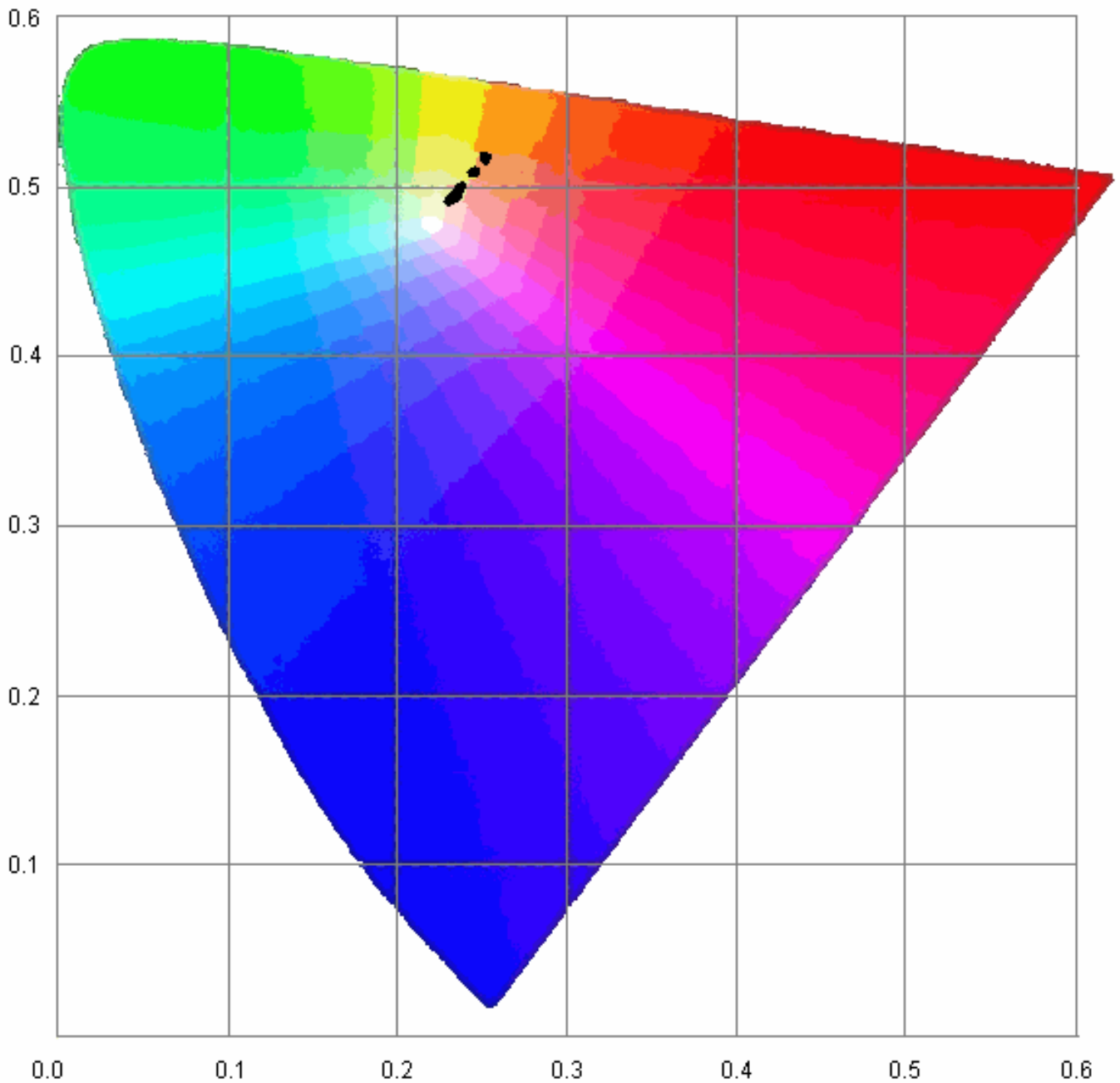
## u' v'

Gamma	C0° u	C0° v	C10° u	C10° v	C20° u	C20° v	C30° u	C30° v	C40° u	C40° v	C50° u	C50° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.235	0.496	0.235	0.496	0.235	0.496	0.234	0.496	0.234	0.496	0.234	0.496
20°	0.234	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494
30°	0.233	0.494	0.233	0.493	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493
40°	0.233	0.494	0.233	0.494	0.233	0.494	0.232	0.493	0.232	0.493	0.232	0.493
50°	0.234	0.496	0.234	0.495	0.234	0.495	0.233	0.495	0.233	0.495	0.233	0.494
60°	0.231	0.492	0.231	0.492	0.231	0.492	0.231	0.492	0.231	0.492	0.230	0.492
70°	0.233	0.495	0.233	0.495	0.236	0.498	0.236	0.498	0.236	0.498	0.236	0.498
80°	0.245	0.508	0.245	0.508	0.245	0.508	0.245	0.509	0.245	0.509	0.245	0.509
90°	0.243	0.508	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518	0.243	0.508
Gamma	C60° u	C60° v	C70° u	C70° v	C80° u	C80° v	C90° u	C90° v	C100° u	C100° v	C110° u	C110° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496
20°	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494
30°	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493
40°	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493	0.232	0.493
50°	0.233	0.495	0.233	0.495	0.233	0.494	0.233	0.495	0.233	0.494	0.233	0.494
60°	0.231	0.492	0.231	0.492	0.230	0.491	0.231	0.492	0.230	0.491	0.230	0.491
70°	0.236	0.499	0.232	0.493	0.235	0.497	0.235	0.497	0.235	0.497	0.233	0.495
80°	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509
90°	0.243	0.508	0.250	0.518	0.250	0.518	0.250	0.518	0.243	0.508	0.250	0.518
Gamma	C120° u	C120° v	C130° u	C130° v	C140° u	C140° v	C150° u	C150° v	C160° u	C160° v	C170° u	C170° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496	0.234	0.496
20°	0.233	0.494	0.234	0.494	0.234	0.494	0.234	0.494	0.233	0.494	0.233	0.494
30°	0.233	0.493	0.233	0.493	0.233	0.493	0.233	0.494	0.233	0.493	0.232	0.493
40°	0.232	0.493	0.232	0.493	0.233	0.493	0.233	0.494	0.232	0.493	0.232	0.493
50°	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.495
60°	0.230	0.492	0.231	0.493	0.231	0.493	0.231	0.492	0.230	0.491	0.230	0.491
70°	0.233	0.495	0.234	0.495	0.234	0.495	0.233	0.495	0.235	0.497	0.233	0.495
80°	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509	0.245	0.509
90°	0.243	0.508	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518
Gamma	C180° u	C180° v	C190° u	C190° v	C200° u	C200° v	C210° u	C210° v	C220° u	C220° v	C230° u	C230° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.234	0.496	0.234	0.496	0.234	0.495	0.234	0.496	0.234	0.496	0.234	0.496
20°	0.233	0.494	0.233	0.494	0.233	0.494	0.232	0.494	0.232	0.494	0.233	0.494
30°	0.232	0.493	0.231	0.493	0.231	0.492	0.231	0.493	0.231	0.493	0.231	0.493
40°	0.232	0.493	0.231	0.493	0.231	0.493	0.231	0.493	0.231	0.493	0.231	0.493
50°	0.233	0.494	0.232	0.494	0.232	0.494	0.231	0.493	0.232	0.494	0.232	0.494
60°	0.230	0.492	0.230	0.492	0.230	0.491	0.229	0.491	0.230	0.491	0.230	0.491
70°	0.236	0.498	0.235	0.498	0.235	0.498	0.235	0.498	0.235	0.498	0.233	0.495
80°	0.252	0.517	0.245	0.508	0.245	0.508	0.245	0.508	0.252	0.517	0.252	0.517
90°	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.518
Gamma	C240° u	C240° v	C250° u	C250° v	C260° u	C260° v	C270° u	C270° v	C280° u	C280° v	C290° u	C290° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.234	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
20°	0.233	0.494	0.233	0.494	0.234	0.494	0.234	0.495	0.234	0.495	0.235	0.495
30°	0.232	0.493	0.232	0.493	0.233	0.493	0.233	0.494	0.234	0.494	0.234	0.494
40°	0.231	0.493	0.232	0.493	0.232	0.493	0.233	0.494	0.233	0.494	0.234	0.495
50°	0.233	0.494	0.233	0.494	0.233	0.495	0.234	0.495	0.234	0.495	0.234	0.496
60°	0.230	0.492	0.231	0.492	0.230	0.491	0.232	0.493	0.232	0.494	0.232	0.493
70°	0.233	0.495	0.233	0.494	0.232	0.494	0.235	0.496	0.237	0.500	0.234	0.496
80°	0.251	0.515	0.251	0.515	0.251	0.515	0.251	0.515	0.251	0.515	0.252	0.517

# PHOTOMETRIC MEASUREMENT REPORT N° StarEye Maxi 4000K 22°

90°	0.250	0.518	0.243	0.508	0.250	0.518	0.250	0.518	0.250	0.518	0.250	0.516
Gamma	C300° u	C300° v	C310° u	C310° v	C320° u	C320° v	C330° u	C330° v	C340° u	C340° v	C350° u	C350° v
0°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
10°	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496	0.235	0.496
20°	0.235	0.495	0.235	0.495	0.235	0.495	0.234	0.495	0.234	0.495	0.234	0.494
30°	0.234	0.495	0.234	0.495	0.234	0.494	0.234	0.494	0.233	0.494	0.233	0.493
40°	0.234	0.495	0.234	0.495	0.233	0.494	0.233	0.494	0.233	0.494	0.233	0.494
50°	0.235	0.496	0.234	0.495	0.234	0.495	0.235	0.496	0.234	0.495	0.233	0.495
60°	0.231	0.492	0.231	0.493	0.231	0.492	0.231	0.492	0.231	0.493	0.230	0.492
70°	0.234	0.496	0.236	0.499	0.236	0.499	0.234	0.496	0.235	0.496	0.235	0.497
80°	0.252	0.517	0.252	0.517	0.252	0.517	0.245	0.508	0.245	0.508	0.245	0.508
90°	0.250	0.516	0.250	0.516	0.250	0.516	0.250	0.516	0.250	0.516	0.250	0.516

(u',v') chromaticity diagram (CIE 1976)





# PHOTOMETRIC MEASUREMENT REPORT N° StarEye Maxi 4000K 22°

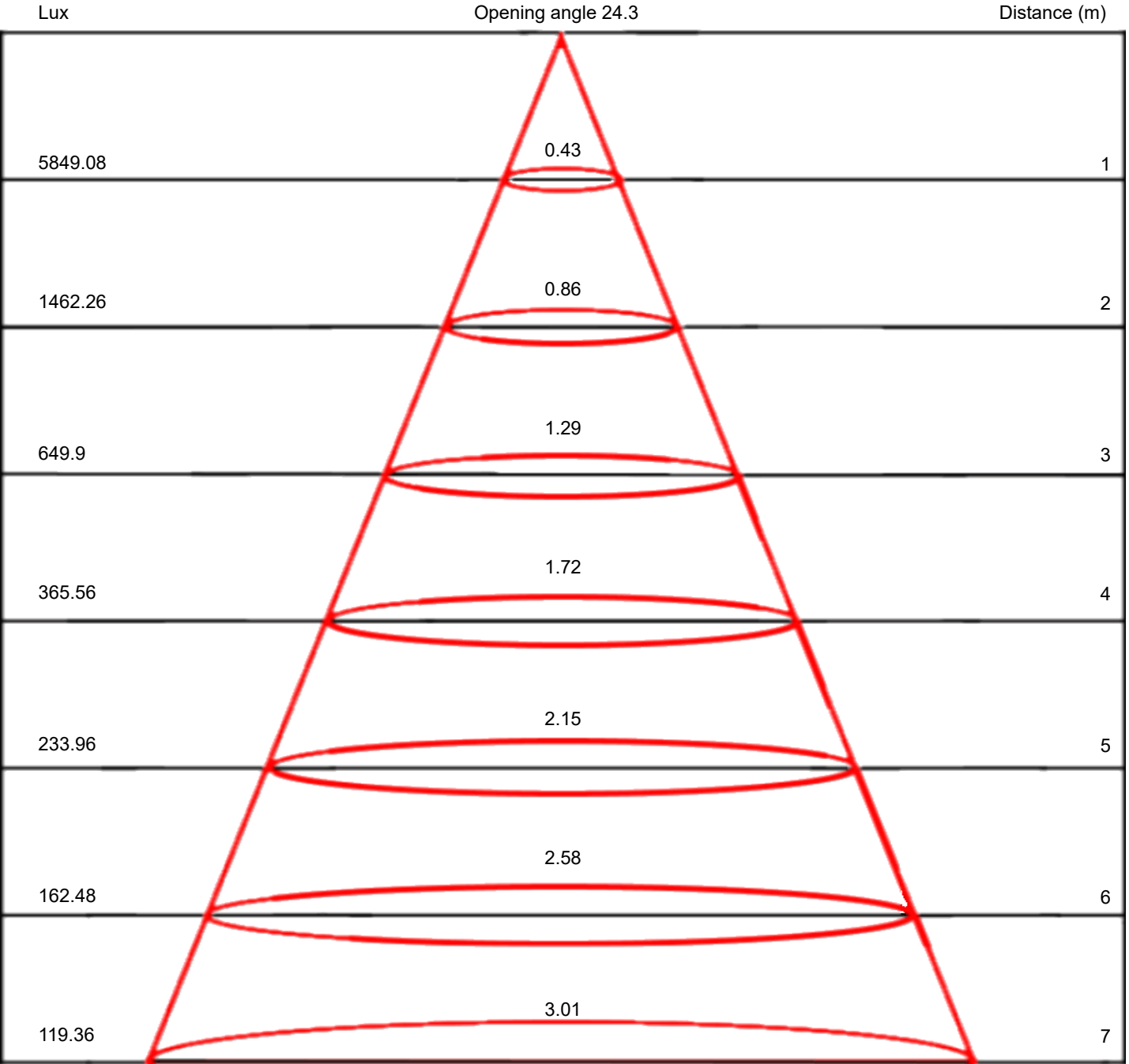
## Color temperature

Gamma	C0°	C10°	C20°	C30°	C40°	C50°	C60°	C70°	C80°	C90°	C100°	C110°
0°	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00
10°	3747.00	3747.00	3747.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00
20°	3814.00	3842.00	3834.00	3862.00	3862.00	3862.00	3862.00	3862.00	3862.00	3862.00	3862.00	3834.00
30°	3862.00	3891.00	3883.00	3912.00	3912.00	3912.00	3912.00	3912.00	3912.00	3912.00	3883.00	3883.00
40°	3842.00	3862.00	3862.00	3891.00	3891.00	3912.00	3919.00	3919.00	3919.00	3891.00	3883.00	3883.00
50°	3775.00	3794.00	3802.00	3822.00	3822.00	3842.00	3850.00	3850.00	3870.00	3850.00	3842.00	3842.00
60°	3941.00	3941.00	3962.00	3962.00	3941.00	3992.00	3941.00	3962.00	4014.00	3992.00	4014.00	4045.00
70°	3822.00	3822.00	3674.00	3674.00	3674.00	3674.00	3657.00	3891.00	3737.00	3737.00	3719.00	3822.00
80°	3285.00	3285.00	3285.00	3252.00	3252.00	3252.00	3252.00	3252.00	3252.00	3252.00	3252.00	3252.00
90°	3328.00	3050.00	3050.00	3050.00	3050.00	3328.00	3328.00	3050.00	3050.00	3050.00	3328.00	3050.00
Gamma	C120°	C130°	C140°	C150°	C160°	C170°	C180°	C190°	C200°	C210°	C220°	C230°
0°	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00
10°	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00	3775.00
20°	3834.00	3834.00	3834.00	3834.00	3834.00	3834.00	3862.00	3862.00	3862.00	3862.00	3862.00	3862.00
30°	3883.00	3854.00	3862.00	3862.00	3862.00	3883.00	3912.00	3941.00	3941.00	3941.00	3941.00	3941.00
40°	3883.00	3891.00	3891.00	3862.00	3891.00	3891.00	3912.00	3941.00	3941.00	3970.00	3941.00	3941.00
50°	3842.00	3862.00	3842.00	3842.00	3842.00	3822.00	3870.00	3891.00	3899.00	3919.00	3919.00	3899.00
60°	3992.00	3941.00	3912.00	3970.00	4014.00	4014.00	3992.00	3992.00	4014.00	4037.00	4014.00	4014.00
70°	3822.00	3802.00	3802.00	3822.00	3737.00	3822.00	3674.00	3719.00	3719.00	3719.00	3719.00	3850.00
80°	3252.00	3252.00	3252.00	3252.00	3252.00	3252.00	2989.00	3285.00	3285.00	3285.00	2989.00	2989.00
90°	3328.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00	3050.00
Gamma	C240°	C250°	C260°	C270°	C280°	C290°	C300°	C310°	C320°	C330°	C340°	C350°
0°	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00	3725.00
10°	3775.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00	3747.00
20°	3862.00	3842.00	3814.00	3786.00	3794.00	3766.00	3766.00	3766.00	3766.00	3794.00	3786.00	3814.00
30°	3912.00	3883.00	3891.00	3834.00	3814.00	3786.00	3786.00	3786.00	3814.00	3814.00	3834.00	3862.00
40°	3941.00	3891.00	3891.00	3842.00	3842.00	3822.00	3814.00	3814.00	3842.00	3842.00	3842.00	3842.00
50°	3870.00	3850.00	3822.00	3822.00	3794.00	3775.00	3747.00	3794.00	3775.00	3747.00	3794.00	3822.00
60°	3992.00	3962.00	4014.00	3912.00	3891.00	3912.00	3962.00	3941.00	3962.00	3962.00	3941.00	3992.00
70°	3850.00	3842.00	3899.00	3756.00	3614.00	3783.00	3775.00	3657.00	3657.00	3775.00	3756.00	3719.00
80°	3026.00	3026.00	3026.00	3026.00	3026.00	2989.00	2989.00	2989.00	2989.00	3285.00	3285.00	3285.00
90°	3050.00	3328.00	3050.00	3050.00	3050.00	3043.00	3043.00	3043.00	3043.00	3043.00	3043.00	3043.00

**Light Emmission Photo**



**Opening angle**



# PHOTOMETRIC MEASUREMENT REPORT N° StarEye Maxi 4000K 22°

## Glare Evaluation According to UGR

Room Size		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
x	y										
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Working plane		20	20	20	20	20	20	20	20	20	20
2H	2H	5.68	5.87	5.68	5.87	5.87	6.09	6.28	6.09	6.28	6.28
	3H	5.89	6.00	5.89	6.00	6.00	6.29	6.41	6.29	6.41	6.41
	4H	5.90	6.01	5.90	6.01	6.01	6.30	6.42	6.30	6.42	6.42
	6H	5.92	6.02	5.92	6.02	6.02	6.32	6.43	6.32	6.43	6.43
	8H	5.92	6.02	5.92	6.02	6.02	6.33	6.43	6.33	6.43	6.43
	12H	5.92	6.02	5.92	6.02	6.02	6.33	6.43	6.33	6.43	6.43
4H	2H	5.89	6.00	5.89	6.00	6.00	6.32	6.42	6.32	6.42	6.42
	3H	6.11	6.14	6.11	6.14	6.14	6.53	6.55	6.53	6.55	6.55
	4H	6.12	6.14	6.12	6.14	6.14	6.54	6.56	6.54	6.56	6.56
	6H	6.15	6.16	6.15	6.16	6.16	6.56	6.57	6.56	6.57	6.57
	8H	6.15	6.16	6.15	6.16	6.16	6.57	6.58	6.57	6.58	6.58
	12H	6.15	6.16	6.15	6.16	6.16	6.57	6.58	6.57	6.58	6.58
8H	4H	6.15	6.16	6.15	6.16	6.16	6.57	6.58	6.57	6.58	6.58
	6H	6.17	6.17	6.17	6.17	6.17	6.59	6.59	6.59	6.59	6.59
	8H	6.18	6.18	6.18	6.18	6.18	6.59	6.59	6.59	6.59	6.59
	12H	6.18	6.18	6.18	6.18	6.18	6.59	6.59	6.59	6.59	6.59
12H	4H	6.15	6.16	6.15	6.16	6.16	6.57	6.58	6.57	6.58	6.58
	6H	6.17	6.17	6.17	6.17	6.17	6.59	6.59	6.59	6.59	6.59
	8H	6.18	6.18	6.18	6.18	6.18	6.59	6.59	6.59	6.59	6.59