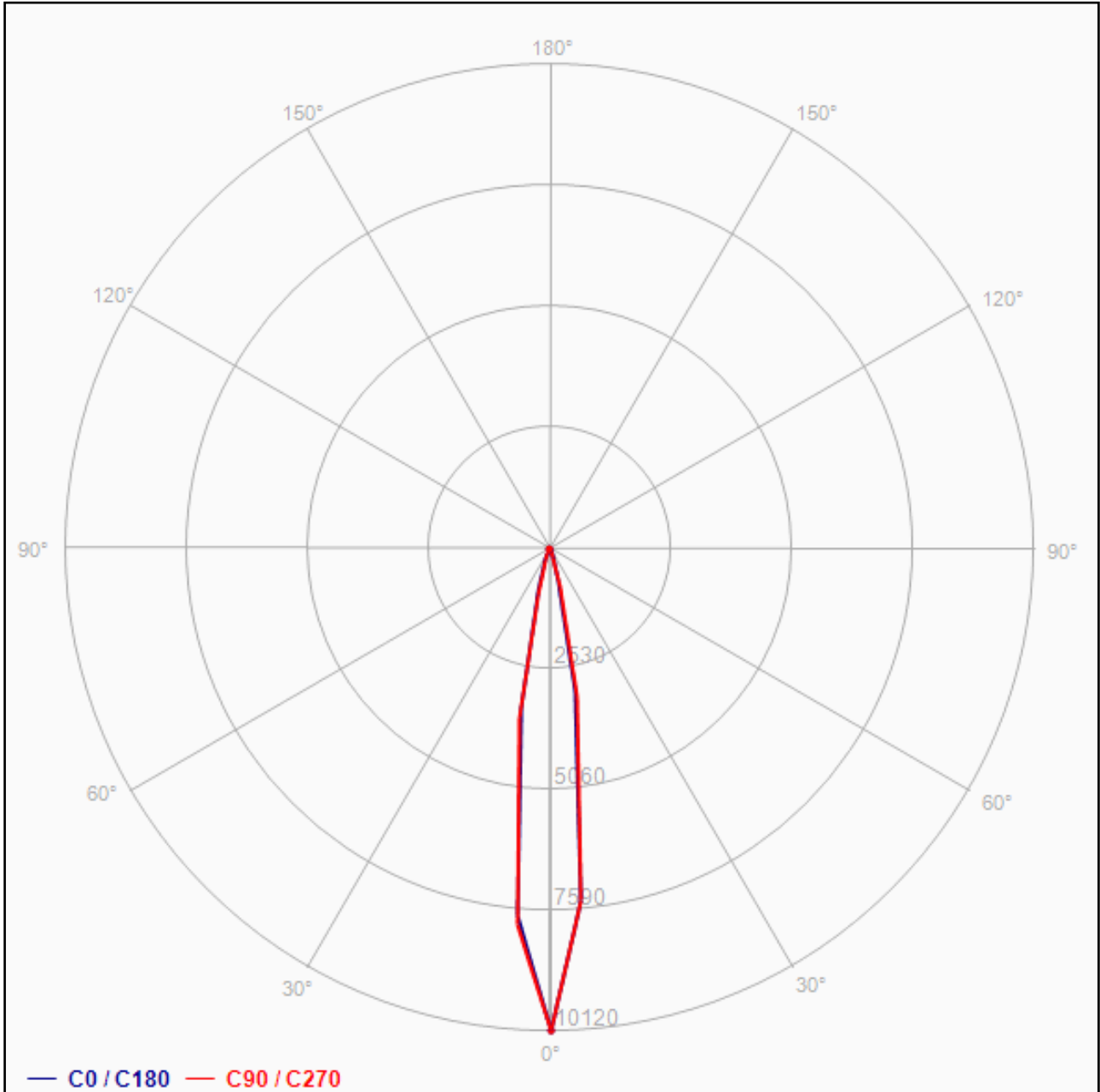


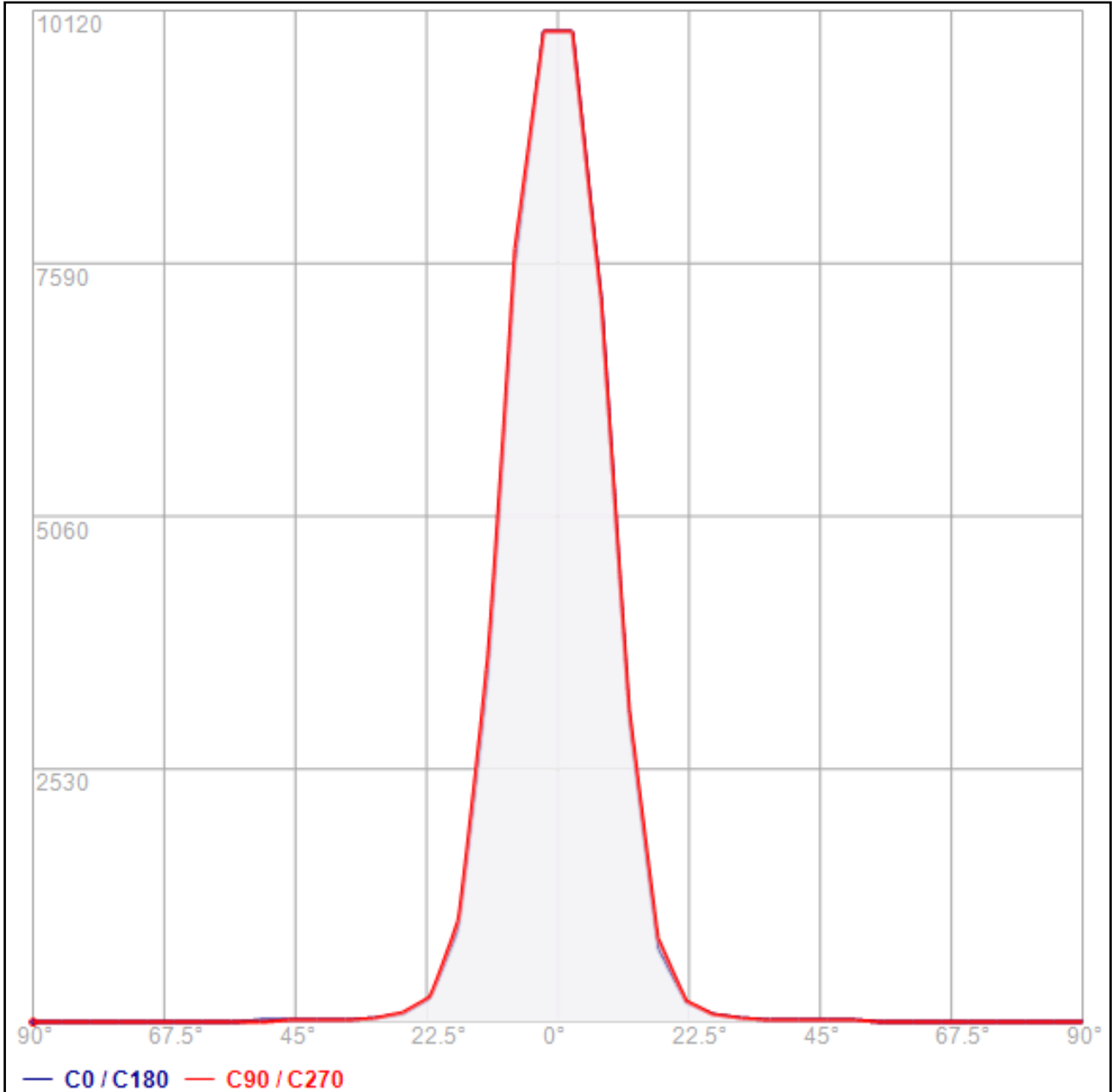
PHOTOMETRIC MEASUREMENT ARCHILED RGB 25°

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:	Archiled RGB 25°
Eulumdat reference:	Archiled RGB 25°
Size of luminaire (mm):	270 x 0 x 235
Size of luminous area (mm):	250 x 0
Number n of standard sets of lamps (optional):	1
Number of lamps:	1
Output luminous flux of the lamp (lm):	3898
Supply current (mA):	426
Source power (W):	84.4
Power consumption included source power (W):	98.0
Luminaire light efficacy (lm/W):	39.78
Light Output Ratio of luminaire (LOR):	98.11
Downward Flux Fraction (DFF):	100
Upward Flux Fraction (UFF):	0.00
Tilt during measurement (for street luminaires):	0

PHOTOMETRIC POLAR DIAGRAM (cd/klm)



PHOTOMETRIC CARTESIAN DIAGRAM (cd/klm)



LUMINOUS INTENSITIES

Gamma	C0°	C5°	C10°	C15°	C20°	C25°	C30°	C35°	C40°	C45°	C50°	C55°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7404.33	7371.43	7352.41	7346.11	7337.06	7328.53	7323.23	7325.41	7330.26	7341.14	7346.12	7350.03
10°	3057.98	3046.25	3042.49	3045.27	3056.57	3064.89	3067.58	3072.23	3075.74	3091.69	3111.47	3123.53
15°	746.62	749.07	751.10	755.42	761.81	772.49	786.16	806.55	816.09	817.77	829.53	841.32
20°	185.80	185.12	184.92	186.56	189.97	194.73	196.99	199.44	205.24	210.35	214.04	214.18
25°	80.26	80.31	80.52	81.96	80.50	81.83	83.05	81.91	81.52	82.93	83.06	82.54
30°	46.54	47.19	46.60	45.46	45.68	45.52	45.43	45.12	45.41	44.97	44.88	44.78
35°	28.22	28.12	28.04	27.89	27.46	27.47	27.74	27.46	28.47	28.54	28.19	27.53
40°	19.37	19.38	19.32	18.98	19.57	19.64	19.20	19.11	19.07	18.98	19.07	19.28
45°	14.85	15.84	16.38	15.39	14.52	14.61	14.67	14.05	14.15	13.98	14.14	14.31
50°	10.29	10.71	10.89	10.37	10.18	10.30	10.37	10.47	10.70	10.60	11.41	11.20
55°	8.66	8.81	9.08	9.08	9.06	9.10	9.19	9.10	9.14	9.38	9.50	9.39
60°	6.25	5.99	6.04	6.42	6.56	6.78	7.07	6.89	6.66	6.77	6.69	6.81
65°	4.29	4.27	4.34	4.43	4.33	4.43	4.61	4.70	4.80	4.96	4.74	4.85
70°	2.88	2.85	2.90	2.82	2.76	2.71	2.78	2.85	2.78	2.83	2.78	2.81
75°	1.60	1.60	1.57	1.44	1.46	1.59	1.60	1.59	1.72	1.79	1.66	1.75
80°	0.92	0.92	0.83	0.92	0.83	0.92	0.92	0.92	0.81	0.88	0.88	0.90
85°	0.80	0.80	0.80	0.80	0.82	0.73	0.73	0.82	0.82	0.82	0.82	0.82
90°	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.74	0.66	0.66	0.66	0.74

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7354.45	7360.04	7381.80	7388.59	7402.68	7411.74	7417.26	7426.68	7426.00	7424.25	7417.29	7419.44
10°	3135.39	3142.38	3147.46	3162.72	3177.07	3177.03	3165.27	3168.23	3173.02	3192.46	3193.87	3198.09
15°	843.23	854.14	859.27	870.29	866.86	858.33	850.26	842.24	840.67	847.38	849.32	857.90

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
20°	214.42	214.67	212.78	211.05	211.35	210.38	207.65	209.60	210.59	214.04	213.68	216.68
25°	82.11	82.36	82.12	81.83	82.12	83.14	82.62	83.23	83.78	85.58	86.76	88.11
30°	45.60	45.51	44.29	44.75	43.51	45.52	45.14	46.12	46.18	46.57	46.72	46.48
35°	27.65	27.18	26.75	27.05	27.19	27.35	27.69	27.94	28.11	28.26	29.01	29.59
40°	19.32	19.42	18.76	18.67	18.86	19.26	19.04	19.12	19.25	19.89	19.72	19.83
45°	14.45	14.73	14.99	15.35	15.08	14.60	14.54	14.54	14.34	14.54	14.56	14.71
50°	10.68	10.75	10.88	10.74	10.77	10.65	10.65	10.58	10.42	10.47	10.75	10.72
55°	9.43	9.64	9.50	9.59	9.49	9.52	9.55	9.66	9.52	9.62	9.43	9.40
60°	6.72	7.05	7.07	7.05	7.14	7.13	6.79	6.98	6.75	6.79	6.86	6.62
65°	4.67	4.69	4.67	4.84	4.74	4.59	4.65	4.62	4.88	4.71	4.57	4.40
70°	2.81	2.90	2.87	2.82	2.97	2.95	3.06	3.30	3.20	3.09	2.99	2.89
75°	1.68	1.61	1.63	1.59	1.68	1.59	1.59	1.59	1.64	1.64	1.64	1.57
80°	0.81	0.83	0.81	0.90	0.90	0.90	0.81	0.90	0.90	0.90	0.88	0.88
85°	0.73	0.73	0.82	0.82	0.82	0.80	0.80	0.80	0.80	0.82	0.82	0.82
90°	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.66

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7420.31	7427.73	7431.66	7446.33	7462.80	7471.60	7498.29	7532.23	7563.75	7602.90	7628.59	7661.96
10°	3203.31	3202.59	3211.29	3216.10	3235.08	3255.36	3264.64	3278.53	3305.35	3322.42	3339.15	3361.87
15°	864.90	865.63	862.58	869.85	871.84	873.72	883.14	887.35	898.87	902.74	915.71	925.96
20°	218.16	216.45	212.55	214.08	218.37	219.15	218.31	218.80	217.56	222.31	228.03	230.49
25°	88.64	89.23	89.03	87.90	89.19	90.92	90.69	89.57	86.38	84.74	84.65	83.11
30°	46.53	47.12	47.67	47.40	47.22	46.59	47.06	47.15	46.92	46.74	46.39	46.14
35°	29.50	28.98	28.96	28.65	28.38	28.43	28.41	28.31	28.17	28.24	27.90	28.17
40°	20.25	20.34	20.67	20.64	20.29	19.96	20.10	19.90	20.44	20.20	20.30	20.45
45°	15.25	15.24	15.69	15.78	15.62	15.30	15.25	15.16	14.99	14.84	14.77	14.95
50°	10.55	10.85	11.07	11.19	11.72	11.12	11.08	10.93	10.54	10.36	10.25	10.32
55°	9.03	8.92	8.94	8.82	8.82	8.72	8.96	8.92	8.98	9.03	8.63	9.00
60°	6.44	6.60	6.35	6.36	6.35	6.85	7.28	6.95	6.87	6.90	6.93	6.97
65°	4.33	4.46	4.46	4.64	4.58	4.49	4.57	4.69	4.65	4.77	4.65	4.54

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
70°	2.95	2.73	2.75	2.68	2.80	3.01	2.82	2.81	2.96	3.06	2.94	2.89
75°	1.64	1.63	1.55	1.55	1.55	1.61	1.63	1.73	1.73	1.75	1.77	1.68
80°	0.90	0.81	0.83	0.81	0.81	0.81	0.90	0.90	0.83	0.92	0.92	0.83
85°	0.82	0.82	0.82	0.73	0.73	0.73	0.73	0.73	0.82	0.80	0.80	0.80
90°	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.66	0.66	0.66

Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7696.41	7733.35	7768.22	7798.49	7819.94	7844.83	7865.00	7883.97	7903.54	7912.21	7925.11	7938.22
10°	3385.21	3416.56	3448.45	3468.62	3501.14	3531.93	3557.05	3575.03	3597.84	3614.36	3627.36	3632.01
15°	927.59	938.03	953.81	974.52	992.01	1013.29	1031.98	1043.47	1057.29	1066.22	1069.15	1067.23
20°	231.07	230.37	238.30	246.91	259.22	266.57	272.18	268.68	267.50	263.31	271.33	275.27
25°	83.85	85.54	86.80	90.12	91.87	95.09	94.17	97.18	98.20	99.55	100.41	100.59
30°	45.55	45.53	47.31	48.12	48.73	49.96	51.20	52.54	52.46	51.74	50.66	51.16
35°	28.25	28.11	27.94	28.59	29.01	28.92	28.70	29.46	29.39	30.02	29.86	30.72
40°	19.60	19.67	19.75	19.86	20.03	20.59	20.42	20.59	21.19	21.15	20.95	20.64
45°	15.12	15.18	15.25	15.36	15.77	15.57	15.58	14.94	14.63	14.74	15.02	15.47
50°	10.34	10.55	10.76	10.58	10.65	11.04	11.04	10.33	10.09	10.39	10.30	10.39
55°	8.84	8.64	8.59	8.44	8.49	8.40	8.53	8.47	8.60	8.32	7.87	7.87
60°	6.82	6.64	6.61	6.62	6.46	6.27	6.26	6.16	6.33	6.46	6.06	6.11
65°	4.50	4.43	4.56	4.42	4.31	4.27	4.23	4.38	4.19	4.15	4.21	4.17
70°	2.89	2.84	2.84	2.61	2.64	2.62	2.78	2.81	2.80	2.80	2.85	2.80
75°	1.59	1.52	1.52	1.66	1.66	1.48	1.37	1.41	1.52	1.57	1.46	1.48
80°	0.92	0.92	0.92	0.83	0.92	0.92	0.92	0.83	0.92	0.92	0.92	0.92
85°	0.80	0.80	0.80	0.80	0.82	0.82	0.82	0.82	0.82	0.80	0.80	0.80
90°	0.66	0.66	0.73	0.66	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.66

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7943.51	7937.90	7936.53	7939.32	7925.88	7918.54	7908.34	7890.29	7873.14	7849.49	7815.31	7789.86
10°	3634.83	3638.61	3648.00	3642.02	3628.27	3618.51	3595.93	3576.01	3570.99	3555.09	3533.75	3507.43

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
15°	1065.90	1057.25	1049.32	1044.40	1040.99	1037.19	1031.87	1025.61	1020.76	1007.79	1000.18	987.50
20°	280.99	280.26	273.46	265.35	260.48	261.16	261.05	256.10	250.93	250.86	249.75	243.83
25°	100.34	99.13	97.80	98.83	98.00	94.85	92.12	92.00	91.34	92.00	90.17	91.07
30°	51.29	51.71	51.87	50.00	50.59	48.92	48.11	47.52	47.54	47.40	47.03	47.09
35°	30.99	30.09	29.29	29.68	28.77	28.57	28.43	29.02	29.26	29.14	29.04	28.53
40°	20.06	19.43	19.05	19.12	19.38	19.96	19.92	19.59	19.45	19.05	19.40	19.24
45°	15.39	15.38	15.47	15.11	14.96	15.06	14.73	14.07	13.89	13.77	13.70	13.90
50°	10.46	10.30	10.26	10.28	9.97	9.96	9.58	9.54	9.79	9.86	9.84	9.86
55°	7.93	8.09	8.07	7.82	7.59	7.76	7.94	7.84	7.94	7.80	8.01	8.02
60°	6.23	6.28	6.31	6.18	6.08	5.99	6.02	6.22	6.09	6.18	6.20	6.27
65°	4.01	3.88	3.85	3.73	3.83	3.94	3.91	4.16	4.32	4.58	4.44	4.44
70°	2.57	2.63	2.57	2.59	2.67	2.70	2.70	2.80	2.70	2.69	2.74	2.80
75°	1.48	1.53	1.52	1.46	1.48	1.53	1.44	1.52	1.55	1.53	1.63	1.59
80°	0.92	0.92	0.83	0.83	0.81	0.90	0.90	0.90	0.81	0.81	0.81	0.83
85°	0.80	0.89	0.89	0.80	0.79	0.79	0.79	0.79	0.87	0.79	0.79	0.80
90°	0.73	0.73	0.81	0.71	0.71	0.71	0.71	0.80	0.80	0.80	0.71	0.71

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30	10113.30
5°	7765.17	7735.42	7704.63	7663.41	7625.44	7579.04	7538.72	7499.52	7451.05	7409.60	7376.78	7343.34
10°	3482.04	3450.09	3404.98	3364.04	3325.01	3273.36	3224.05	3174.94	3137.33	3107.58	3061.95	3031.84
15°	974.95	954.22	922.13	897.62	873.25	848.54	831.32	813.69	799.97	776.25	756.17	739.18
20°	239.09	231.59	227.64	224.08	221.48	214.97	206.05	198.34	191.12	184.66	181.39	184.40
25°	91.24	89.64	89.75	90.13	86.86	85.82	84.66	83.82	81.69	81.51	80.51	79.66
30°	47.12	47.80	48.08	47.49	47.16	46.96	46.20	45.69	45.84	45.58	44.91	45.05
35°	28.11	28.14	28.01	27.89	27.48	27.48	27.41	27.65	27.95	27.82	28.26	28.01
40°	19.34	19.74	19.16	18.73	18.53	18.93	19.41	19.64	19.87	18.93	19.02	19.06
45°	13.95	14.42	14.39	14.18	14.18	14.27	14.48	14.03	14.60	14.85	14.16	13.83
50°	10.00	10.63	10.74	10.26	10.30	10.68	10.31	9.91	9.74	9.69	9.83	9.95
55°	8.08	8.15	8.46	8.53	8.37	8.60	8.64	8.17	8.24	8.26	8.44	8.53
60°	6.27	6.27	6.50	6.26	6.31	6.33	6.26	6.29	6.21	6.50	6.35	6.38

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
65°	4.36	4.43	4.25	4.22	4.17	4.17	4.31	4.38	4.64	4.52	4.27	4.27
70°	2.73	2.64	2.49	2.53	2.58	2.57	2.80	2.94	2.98	2.98	2.82	2.84
75°	1.46	1.44	1.41	1.41	1.41	1.50	1.53	1.64	1.53	1.60	1.64	1.59
80°	0.92	0.92	0.83	0.83	0.92	0.92	0.83	0.81	0.90	0.81	0.81	0.90
85°	0.89	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
90°	0.73	0.81	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.81	0.73	0.73

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