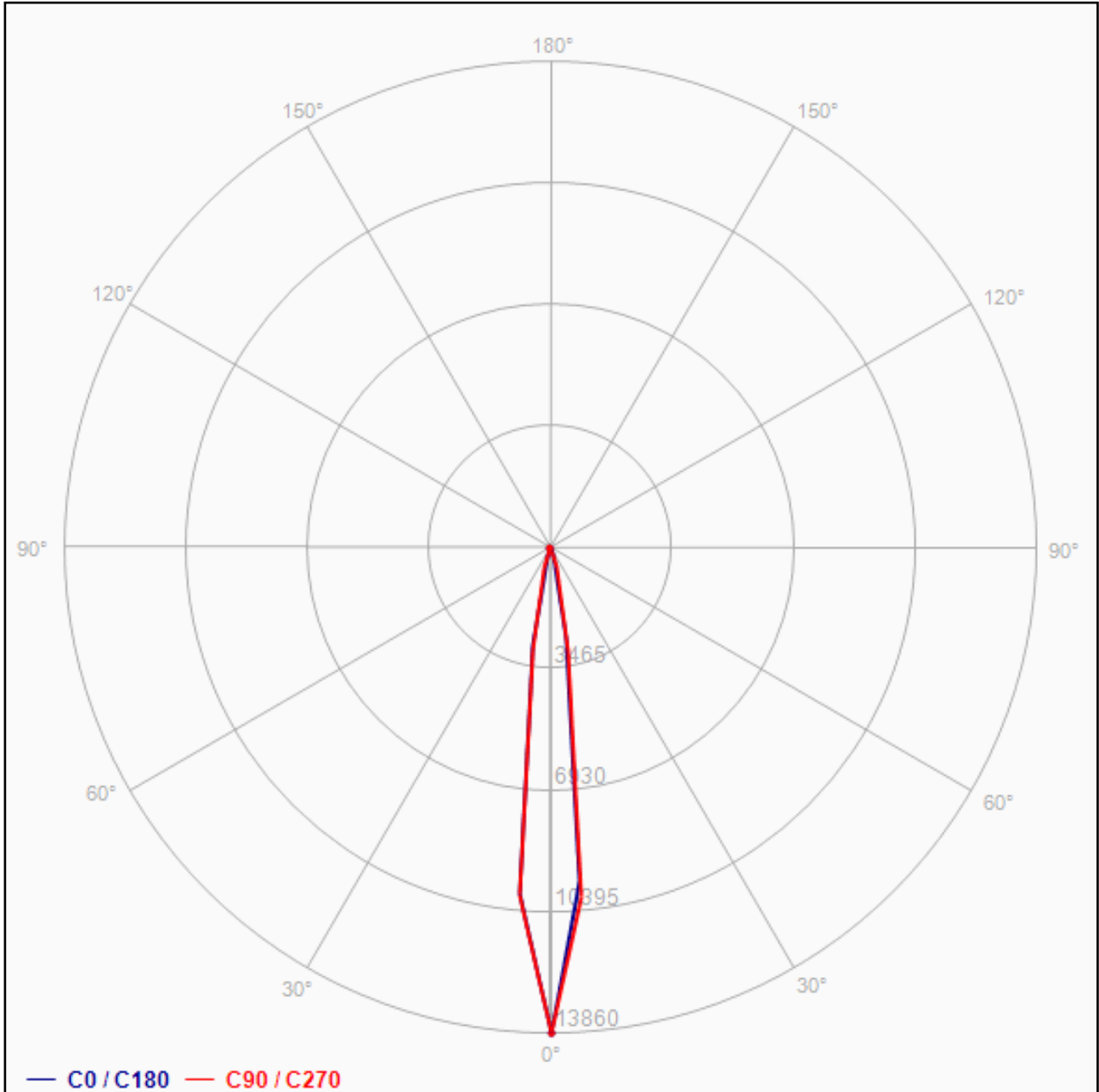


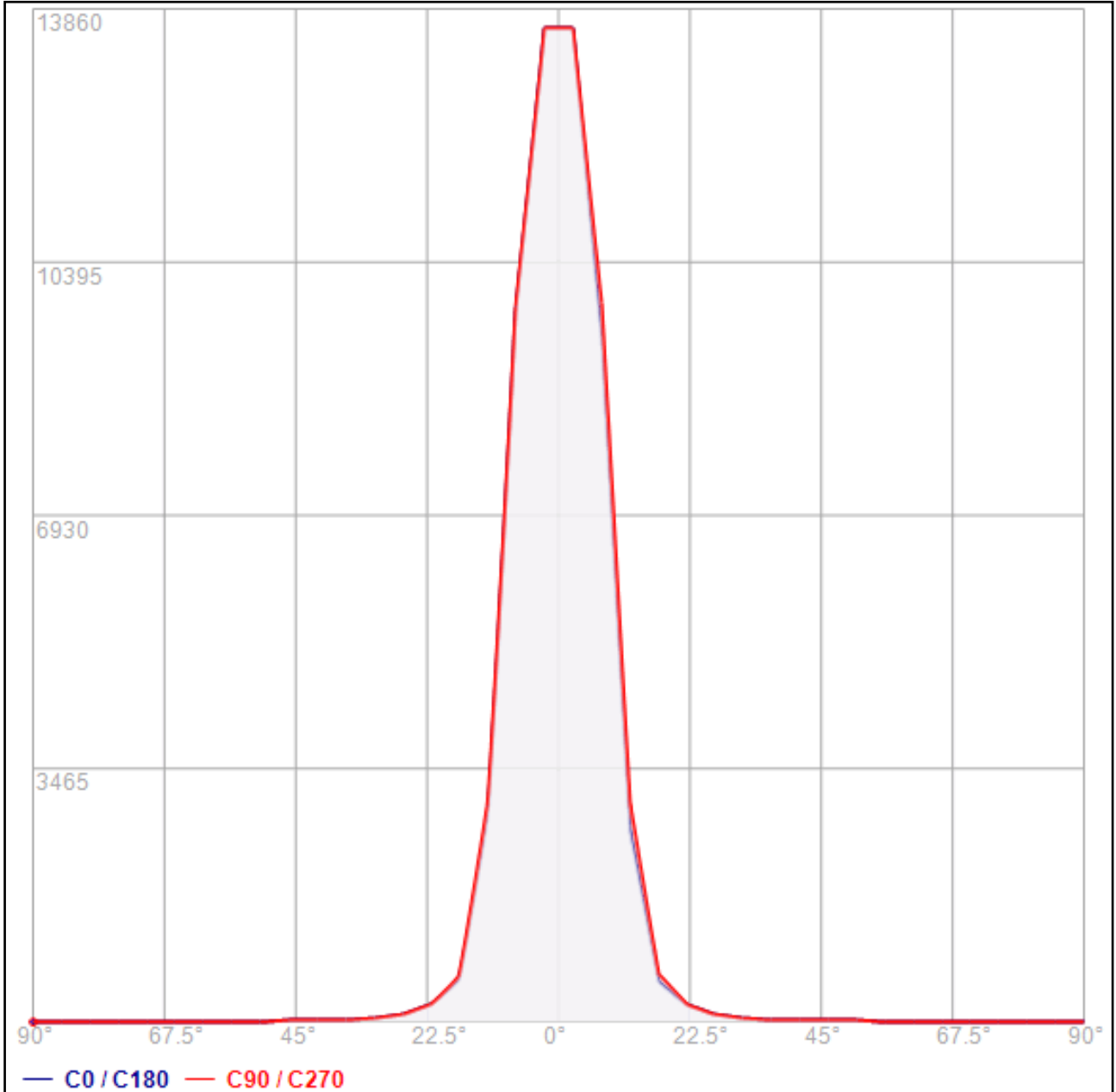
## PHOTOMETRIC MEASUREMENT ARCHILED RGB 15°

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 15°
Eulumdat reference:	Archiled RGB 15°
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):	4304
Supply current (mA):	426
Source power (W):	84.4
Power consumption included source power (W):	98.0
Luminaire light efficacy (lm/W):	43.92
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

### 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°	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67	5695.67
5°	5023.1	5039.35	5060.52	5082.61	5104.88	5127.68	5142.02	5160.48	5182.29	5197.1	5213.4	5230.65
10°	3347.3	3374.41	3398.55	3427.36	3455.72	3480.97	3498.48	3519.22	3539.8	3565	3597.69	3636.85
15°	1556.73	1579.48	1601.75	1622.11	1649.52	1684.88	1715.37	1729.16	1741.68	1764.16	1776.16	1784.15
20°	490.814	495.397	503.845	514.65	526.276	538.189	551.917	561.226	571.591	583.094	595.715	601.025
25°	148.995	149.641	149.569	152.338	155.782	159.524	164.404	168.023	171.058	173.098	175.026	180.777
30°	57.8942	58.6119	59.5653	59.8319	60.9494	61.7285	62.8255	63.8712	66.0344	66.8854	68.823	71.7552
35°	31.587	32.0484	32.0484	32.3457	32.7045	33.3504	34.1296	34.3244	34.6832	35.0933	35.3804	35.4624
40°	20.3609	20.3096	20.4019	20.4224	20.6069	20.8837	21.4374	21.5296	21.7859	21.8782	22.155	22.114
45°	14.6504	14.9272	14.6504	14.6504	14.7222	15.0707	15.0092	15.1117	14.9272	15.2348	15.1733	15.286
50°	10.5905	10.529	10.6623	10.4265	10.2009	10.5085	10.529	10.57	10.7648	10.529	10.6828	10.8878
55°	8.46832	8.68362	8.76563	8.72463	8.66311	8.49908	8.21202	8.23252	8.25302	8.40681	8.3658	8.58109
60°	6.34611	6.42813	6.54091	6.76645	6.71519	6.46914	6.42813	6.5204	6.55116	6.67418	6.64343	6.4999
65°	4.98257	4.97232	5.08509	5.02358	5.04408	5.14661	4.85954	4.97232	4.78778	4.84929	4.74677	4.8698
70°	3.51651	3.75231	3.88559	3.91634	3.92659	4.11113	3.81382	3.68054	3.78306	3.95735	4.27517	3.98811
75°	1.91716	2.06069	2.27599	2.19397	2.50154	2.19397	2.00943	1.91716	2.01968	2.02994	2.24523	2.17347
80°	0.799672	0.820176	0.799672	0.799672	0.748411	0.861185	0.768915	0.840681	0.840681	0.861185	0.840681	0.932951
85°	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141	0.656141
90°	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393	0.666393

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6
5°	9947.61	9985.49	9988.22	9990.86	9993	10005.7	10026.5	10016	10017.7	9991.01	9988.27	9992.07
10°	2928.69	2947.25	2954.47	2966.48	2993.68	3026.05	3034.14	3062.52	3099.86	3126.67	3141.38	3151.27
15°	637.381	644.222	643.399	645.644	648.466	652.774	659.359	667.857	675.414	686.114	702.117	705.601

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
20°	239.252	242.32	244.308	245.687	246.863	247.611	247.418	248.552	248.092	247.696	245.986	245.623
25°	110.861	113.266	114.367	115.778	116.921	117.755	118.279	117.916	116.889	114.955	112.56	109.898
30°	54.4949	54.356	54.1208	54.5484	54.3346	53.8001	52.9343	51.6729	51.2667	50.8391	50.0267	49.6312
35°	24.1689	24.3506	24.5751	24.6285	24.3506	24.1368	23.7948	23.3351	23.2282	23.0679	22.651	22.2662
40°	16.2052	16.2587	16.0128	16.077	16.0235	16.0235	15.8204	15.7777	15.6066	15.4356	15.4142	15.5211
45°	15.147	14.9653	14.5163	14.4629	14.698	14.9332	15.0935	14.9118	14.8584	14.8156	14.7408	14.7194
50°	13.4153	13.0732	13.0732	13.0946	13.2336	13.4794	13.6718	13.5756	13.5008	13.2656	13.0839	13.0839
55°	9.72742	10.0695	10.2833	10.2726	10.2619	10.1978	10.4864	10.6146	10.6574	10.8071	10.775	10.7429
60°	6.38161	6.47782	6.78781	6.71299	6.65954	6.78781	6.96954	7.05505	7.27953	7.27953	7.30091	6.99091
65°	3.97648	3.92304	3.92304	3.96579	4.08338	4.13683	4.04062	4.00855	3.83752	4.05131	4.07269	4.08338
70°	1.74238	1.74238	1.8279	1.83859	1.75307	1.75307	1.91342	1.77445	1.68894	1.75307	1.75307	1.75307
75°	0.876537	0.876537	0.876537	0.962052	0.855158	0.876537	0.962052	0.962052	0.962052	0.876537	0.876537	0.962052
80°	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679
85°	0.673437	0.673437	0.758952	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437
90°	0.566542	0.566542	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.566542	0.566542

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6
5°	9981.1	9969.01	9980.03	9966.84	9963.21	9945.86	9926.69	9906.97	9899.65	9890.66	9893.43	9896.1
10°	3162.83	3163.03	3149.85	3129.03	3083.25	3022.92	2964.44	2910.94	2867.02	2852.72	2851.01	2853.48
15°	703.1	694.27	680.139	669.385	653.693	638.792	621.956	605.719	591.213	581.571	574.42	571.662
20°	244.992	242.619	240.641	239.765	238.482	238.161	237.702	238.675	238.696	238.61	238.151	236.879
25°	108.338	106.285	104.949	104.682	105.345	105.794	106.542	107.119	107.504	107.803	107.472	107.557
30°	49.3854	48.9898	48.8402	48.6264	48.6905	48.6264	49.0326	49.5136	50.3795	50.9781	51.7798	52.3356
35°	21.6462	22.1165	22.1913	22.0524	22.1486	21.9882	22.1807	22.7151	22.7472	23.0786	23.271	23.3351
40°	15.457	15.457	15.4142	15.4142	15.3501	15.3287	15.2325	15.3928	15.4356	15.5318	15.5104	15.5852
45°	14.8049	14.6018	14.6018	14.4949	14.388	14.2918	14.356	14.046	13.9391	13.6718	13.7039	13.9391
50°	12.8915	12.9663	12.7739	12.6029	12.496	12.4746	12.496	12.357	12.186	12.2608	12.4105	12.6029
55°	10.7108	10.7643	10.6146	10.2512	10.016	10.016	9.80224	9.65259	9.67397	9.81293	9.88776	9.81293
60°	6.83057	7.18332	7.18332	7.19401	7.06574	6.88402	6.80919	6.77712	6.63816	6.52058	6.62747	6.32817
65°	4.13683	4.09407	4.09407	4.07269	3.88028	3.88028	3.99786	3.93373	3.9551	3.82683	3.79476	3.79476

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
70°	1.77445	1.77445	1.68894	1.71032	1.71032	1.61411	1.68894	1.61411	1.6248	1.6248	1.68894	1.67825
75°	0.962052	0.962052	0.962052	0.876537	0.962052	0.962052	0.962052	0.855158	0.855158	0.855158	0.855158	0.855158
80°	0.630679	0.630679	0.652058	0.566542	0.652058	0.737573	0.652058	0.630679	0.630679	0.630679	0.630679	0.630679
85°	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437	0.673437
90°	0.566542	0.566542	0.566542	0.587921	0.587921	0.587921	0.566542	0.566542	0.566542	0.566542	0.652058	0.652058

Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6
5°	9924.05	9959.5	9999.12	10033.2	10052.7	10054.3	10042.7	10043.6	10047.5	10028.6	10014.2	10031.9
10°	2852.57	2850.75	2861.59	2900.49	2960.77	3049.18	3110.2	3145.41	3158.65	3190.27	3222.41	3209.24
15°	572.336	575.874	581.358	590.283	602.683	616.269	630.668	649.802	677.007	696.13	688.958	684.115
20°	235.81	236.205	236.034	236.216	237.499	238.995	240.588	241.454	240.973	241.4	241.529	240.823
25°	107.654	107.301	106.756	105.954	105.794	105.591	106.007	106.777	107.376	107.536	108.509	110.102
30°	52.7205	52.8594	52.1432	51.6943	50.9674	50.1978	49.8664	49.4816	49.5457	49.3105	49.0861	49.1716
35°	23.4634	23.7092	23.8161	23.6772	23.5382	23.1106	22.7472	22.2769	21.9348	21.7424	21.4003	21.3148
40°	15.7456	15.8952	15.7563	15.7028	15.5425	15.457	15.3715	15.1577	15.0615	15.0187	14.9332	14.9866
45°	13.9177	13.7039	13.5008	13.4687	13.5542	13.597	13.6291	13.7146	13.768	13.8642	13.8749	13.8429
50°	12.9449	12.357	12.3463	12.015	11.9829	12.325	12.3356	12.4532	12.5387	12.667	12.7205	12.806
55°	9.47087	9.89845	9.83431	9.67397	9.48156	9.53501	9.7488	10.0374	10.2298	10.4971	10.6574	10.636
60°	6.28541	6.44575	6.61678	6.50989	6.57402	6.57402	6.85195	6.91609	7.12988	7.06574	7.08712	6.86264
65°	3.78407	3.79476	3.752	3.83752	3.89097	3.93373	3.91235	3.82683	3.83752	3.89097	3.8589	3.86959
70°	1.61411	1.67825	1.68894	1.6248	1.56066	1.71032	1.61411	1.71032	1.58204	1.58204	1.58204	1.57135
75°	0.855158	0.855158	0.855158	0.855158	0.855158	0.940673	0.855158	0.855158	0.876537	0.962052	0.876537	0.855158
80°	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679
85°	0.587921	0.587921	0.587921	0.587921	0.587921	0.587921	0.587921	0.587921	0.587921	0.587921	0.566542	0.652058
90°	0.566542	0.652058	0.652058	0.652058	0.566542	0.566542	0.566542	0.587921	0.587921	0.587921	0.566542	0.566542

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6
5°	9995.85	10009.4	10025.9	9999.36	10001.3	9975.51	9968.5	9959.85	9928.3	9907.29	9872.31	9847.42
10°	3183.52	3169.74	3139.66	3106	3073.58	3038.12	3015.55	2985.24	2945.99	2923.36	2882.43	2855.6

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
15°	685.772	681.272	675.371	667.921	657.638	642.084	631.598	622.234	609.161	599.562	588.594	582.48
20°	240.118	239.252	238.45	238.226	237.231	236.633	234.912	232.646	230.583	227.846	225.387	224.564
25°	111.342	112.325	113.8	114.463	115.158	115.168	114.335	112.774	110.946	108.755	106.563	104.126
30°	49.3105	49.8878	50.2298	50.9888	51.5126	51.9722	52.635	52.3036	52.0577	51.4377	50.636	50.2191
35°	21.0903	21.8707	22.17	22.202	22.4479	22.512	22.9931	23.1962	23.4527	23.4741	23.2924	23.132
40°	14.9546	14.9546	15.0722	15.1149	15.2218	15.4463	15.5532	15.8525	15.8632	16.0021	16.0877	16.1839
45°	13.9498	14.0032	14.2598	14.388	14.5163	14.5697	14.4308	14.5377	14.5591	14.356	14.4094	14.666
50°	12.8701	12.9984	12.9984	13.148	13.2336	13.2763	13.2443	13.1694	12.9449	12.806	12.9449	12.9236
55°	10.636	10.6895	10.7536	10.5933	10.3474	10.3474	9.9519	10.0588	9.93052	9.98397	9.9519	9.94121
60°	6.74506	6.94816	7.16195	7.08712	7.08712	6.78781	6.77712	6.53127	6.53127	6.53127	6.52058	6.28541
65°	3.93373	3.8589	3.84821	3.84821	3.6558	3.73063	3.82683	3.82683	3.86959	3.81614	3.78407	3.78407
70°	1.58204	1.58204	1.58204	1.5179	1.5179	1.59273	1.57135	1.52859	1.52859	1.59273	1.58204	1.58204
75°	0.940673	0.855158	0.855158	0.876537	0.940673	0.940673	0.940673	0.940673	0.940673	0.940673	0.855158	0.855158
80°	0.630679	0.716195	0.716195	0.716195	0.716195	0.630679	0.716195	0.619989	0.619989	0.716195	0.630679	0.630679
85°	0.652058	0.652058	0.737573	0.652058	0.641368	0.641368	0.652058	0.641368	0.652058	0.652058	0.737573	0.652058
90°	0.652058	0.652058	0.555852	0.630679	0.652058	0.652058	0.652058	0.726884	0.705505	0.791021	0.652058	0.652058

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6	13857.6
5°	9820.03	9762.44	9713.05	9705.01	9687.41	9651.67	9626.55	9593.69	9563.24	9520.12	9481.65	9456.39
10°	2848.67	2823.35	2810.2	2826.91	2830.69	2778.74	2731.17	2676.15	2635.4	2617.58	2617.46	2611.33
15°	579.743	575.959	569.717	564.778	561.539	556.056	551.021	549.214	547.066	545.879	548.584	553.736
20°	223.036	222.565	222.715	222.704	221.903	222.277	223.453	224.735	225.355	225.548	225.783	226.05
25°	102.127	100.513	100.171	100.321	100.941	101.849	103.079	104.415	105.409	105.869	106.189	107.108
30°	49.7809	49.5885	49.1929	49.396	49.5885	49.9519	50.3474	50.7429	51.2453	52.1325	52.4853	52.667
35°	22.6937	22.8113	22.9503	23.0358	22.9182	22.7365	22.4693	22.3303	22.2448	22.1807	22.2341	22.0631
40°	16.4618	16.6007	16.6007	16.8145	16.7076	16.5794	16.2587	16.0556	15.9487	15.9487	16.0235	16.0021
45°	14.8049	14.8691	14.8477	14.8904	14.9546	14.9973	15.0828	14.9973	14.9973	15.008	15.0828	15.2859
50°	13.2656	12.9449	12.7846	12.7205	12.8915	13.0091	13.3511	13.4153	13.5649	13.768	13.907	14.0887
55°	9.48156	9.91983	9.91983	10.0053	9.845	9.89845	10.1657	10.3046	10.5719	10.946	11.2133	11.395
60°	6.1892	6.27472	6.65954	6.54196	6.54196	6.56334	6.72368	6.71299	7.08712	6.99091	7.0016	6.77712

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
65°	3.77338	3.78407	3.77338	3.76269	3.90166	3.9551	3.93373	3.83752	3.77338	3.90166	4.02993	4.02993
70°	1.64618	1.64618	1.66756	1.66756	1.63549	1.71032	1.71032	1.721	1.721	1.721	1.71032	1.79583
75°	0.876537	0.962052	0.962052	0.855158	0.855158	0.876537	0.962052	0.876537	0.876537	0.876537	0.876537	0.876537
80°	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679	0.630679
85°	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058	0.652058
90°	0.652058	0.662747	0.662747	0.662747	0.652058	0.662747	0.662747	0.662747	0.662747	0.566542	0.652058	0.652058

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