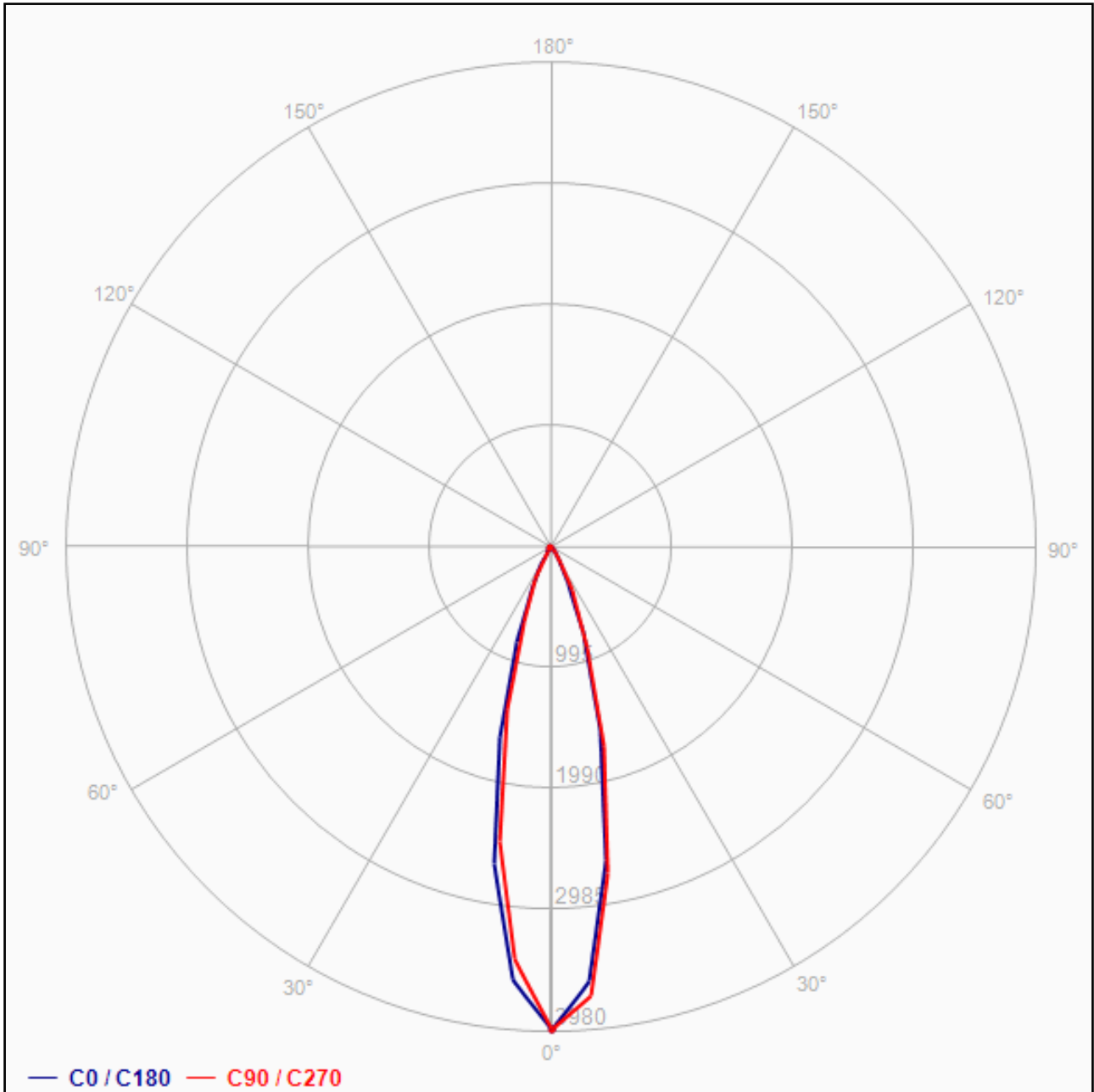


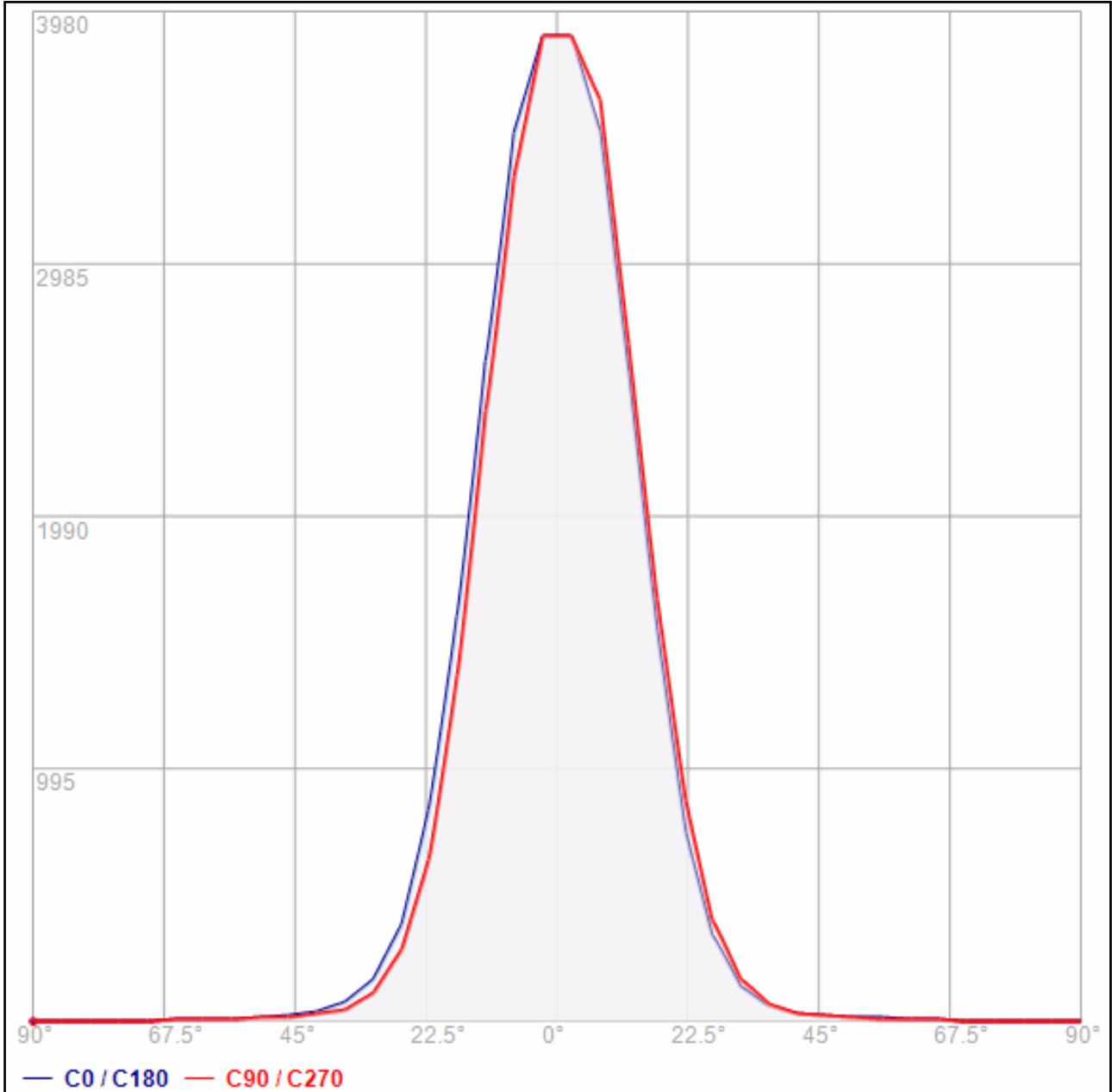
PHOTOMETRIC MEASUREMENT ARCHILED RGBAL 45°

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 RGBAL 45°
Eulumdat reference:	Archiled RGBAL 45°
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):	4570
Supply current (mA):	457
Source power (W):	92.76
Power consumption included source power (W):	105.20
Luminaire light efficacy (lm/W):	43.44
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°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3576.44	3584.80	3590.17	3596.82	3603.25	3609.89	3620.26	3631.26	3640.26	3651.22	3663.76	3672.41
10°	2609.48	2624.32	2634.31	2642.58	2650.70	2663.92	2672.11	2678.65	2683.95	2689.39	2694.70	2696.07
15°	1564.83	1573.42	1586.61	1592.98	1597.97	1608.04	1611.05	1621.08	1634.38	1645.68	1650.23	1653.09
20°	760.29	766.44	778.67	789.04	790.49	793.08	805.32	814.87	819.79	828.00	834.29	842.79
25°	342.25	344.79	350.59	353.44	348.69	353.86	363.13	367.33	366.07	370.85	381.97	387.56
30°	140.09	140.75	140.65	141.19	141.85	144.46	148.19	150.18	150.51	152.79	157.15	161.19
35°	58.80	59.23	59.77	59.62	59.33	59.79	60.98	62.49	63.69	64.47	66.15	68.64
40°	30.53	30.22	30.32	30.55	30.49	30.33	30.23	30.55	31.05	31.71	32.10	32.62
45°	20.77	20.88	20.72	20.66	20.63	20.41	20.68	20.74	20.46	20.46	20.33	20.17
50°	15.18	15.09	14.91	14.76	14.71	14.40	14.26	14.18	14.05	13.97	13.70	13.31
55°	11.86	11.66	11.54	11.54	11.54	11.60	11.38	11.46	11.46	11.23	10.92	10.59
60°	7.59	7.49	7.39	7.31	7.27	7.38	7.41	7.44	7.45	7.42	7.49	7.54
65°	5.23	5.27	5.28	5.10	5.06	4.98	5.00	5.04	5.17	5.22	5.27	5.32
70°	3.36	3.34	3.30	3.32	3.36	3.34	3.45	3.45	3.45	3.42	3.38	3.69
75°	1.92	1.91	1.91	1.97	1.96	1.96	1.97	2.02	2.08	2.08	2.00	2.08
80°	1.15	1.15	1.15	1.13	1.13	1.21	1.21	1.21	1.21	1.21	1.21	1.19
85°	0.75	0.82	0.75	0.75	0.75	0.75	0.74	0.74	0.81	0.81	0.81	0.81
90°	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
0°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3679.03	3688.41	3695.12	3699.89	3700.37	3701.94	3707.19	3706.84	3709.50	3710.73	3708.39	3705.97
10°	2693.84	2695.89	2700.14	2703.95	2709.46	2717.01	2722.77	2727.25	2729.72	2734.52	2740.25	2749.24
15°	1658.24	1668.12	1676.64	1680.80	1678.64	1687.90	1697.10	1700.53	1706.91	1711.48	1714.25	1715.24

Gamma	C60°	C65°	C70°	C75°	C80°	C85°	C90°	C95°	C100°	C105°	C110°	C115°
20°	852.07	858.79	864.60	870.04	870.91	878.88	885.13	886.32	885.31	888.44	894.86	903.99
25°	388.84	391.29	395.14	393.39	395.19	399.53	404.36	405.18	410.53	414.39	420.48	426.36
30°	162.25	161.46	164.90	166.39	167.65	168.42	171.07	173.04	174.27	176.54	178.35	180.27
35°	68.54	68.04	68.71	69.60	70.08	70.85	71.13	71.51	73.13	74.00	75.36	76.19
40°	33.16	32.95	32.68	33.17	33.52	33.76	33.42	34.39	35.75	36.28	36.30	36.86
45°	20.34	20.15	19.93	20.09	20.22	20.70	20.94	21.05	21.10	20.92	21.10	21.27
50°	13.14	13.04	12.86	12.71	12.77	12.95	12.83	12.78	12.82	12.74	12.60	12.53
55°	10.47	10.45	10.31	10.19	10.00	9.96	9.90	9.74	9.76	9.56	9.40	9.21
60°	7.55	7.55	7.52	7.61	7.58	7.58	7.62	7.39	7.31	7.13	7.04	7.06
65°	5.45	5.44	5.41	5.26	5.23	5.15	5.22	5.21	5.33	5.33	5.44	5.47
70°	3.58	3.51	3.45	3.58	3.58	3.62	3.62	3.62	3.62	3.56	3.58	3.69
75°	2.08	2.08	2.12	2.19	2.17	2.26	2.26	2.25	2.25	2.25	2.26	2.26
80°	1.19	1.19	1.27	1.27	1.19	1.25	1.25	1.25	1.25	1.25	1.27	1.27
85°	0.81	0.81	0.81	0.82	0.82	0.82	0.81	0.81	0.81	0.81	0.82	0.82
90°	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
0°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3699.83	3695.31	3687.78	3678.05	3667.88	3657.49	3644.78	3631.66	3619.61	3606.51	3594.56	3583.27
10°	2746.72	2743.53	2739.29	2735.99	2735.03	2730.76	2725.45	2717.28	2709.97	2692.97	2681.03	2668.18
15°	1721.17	1726.39	1725.66	1723.57	1721.31	1714.19	1703.98	1696.02	1688.15	1677.78	1664.27	1645.34
20°	911.86	915.91	914.39	910.65	910.28	904.86	901.93	896.75	888.24	882.36	873.83	863.55
25°	426.69	428.84	432.89	429.57	426.57	426.05	421.40	414.32	413.66	407.64	399.10	394.22
30°	181.44	180.80	184.04	183.97	182.22	181.39	181.45	181.88	181.34	178.99	175.08	172.75
35°	77.84	78.73	78.53	79.71	79.64	80.17	80.38	79.53	79.63	80.40	78.48	77.01
40°	37.43	38.02	37.70	38.02	39.08	38.96	38.07	38.34	38.38	38.56	38.18	36.83
45°	21.11	21.17	21.44	21.65	22.11	22.56	21.98	22.28	21.95	21.88	21.93	21.33
50°	12.54	12.57	12.65	12.62	12.79	12.94	12.91	13.09	13.27	13.18	13.21	12.91
55°	9.21	9.30	9.23	9.24	9.41	9.48	9.26	9.26	9.35	9.37	9.43	9.51
60°	7.07	7.06	7.07	7.03	7.04	7.03	7.04	7.04	7.03	7.04	6.95	6.88
65°	5.53	5.46	5.47	5.37	5.27	5.22	5.11	5.12	5.26	5.18	5.30	5.33

Gamma	C120°	C125°	C130°	C135°	C140°	C145°	C150°	C155°	C160°	C165°	C170°	C175°
70°	3.79	3.74	3.68	3.64	3.64	3.66	3.71	3.71	3.79	3.61	3.61	3.59
75°	2.26	2.22	2.29	2.29	2.20	2.20	2.20	2.20	2.20	2.20	2.28	2.28
80°	1.27	1.34	1.27	1.27	1.27	1.27	1.19	1.19	1.19	1.23	1.16	1.08
85°	0.82	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.76	0.76	0.76	0.76
90°	0.58	0.58	0.58	0.58	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52

Gamma	C180°	C185°	C190°	C195°	C200°	C205°	C210°	C215°	C220°	C225°	C230°	C235°
0°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3569.49	3554.54	3540.76	3527.59	3514.50	3500.23	3488.85	3475.58	3462.74	3448.90	3438.24	3430.01
10°	2650.25	2632.72	2618.11	2605.22	2589.78	2575.15	2560.31	2542.75	2528.07	2513.53	2496.70	2483.19
15°	1629.79	1613.20	1596.93	1575.86	1550.80	1526.43	1509.68	1496.14	1476.39	1459.30	1445.52	1429.34
20°	845.89	833.48	816.40	796.67	778.90	758.51	741.16	723.72	706.83	693.14	683.12	675.37
25°	391.29	381.86	370.48	362.01	354.58	344.37	333.75	325.29	318.03	309.94	302.74	298.93
30°	170.65	167.23	160.64	156.90	152.13	147.76	143.86	140.07	136.45	131.95	129.10	127.93
35°	75.89	73.27	72.10	69.34	66.43	63.98	62.76	61.65	59.84	57.82	57.59	54.82
40°	36.15	35.69	34.63	33.45	33.00	31.89	31.56	30.84	29.55	29.11	29.23	28.64
45°	21.11	21.30	20.56	20.30	20.13	19.98	19.87	19.99	19.47	19.46	19.12	18.66
50°	12.97	13.03	13.04	13.01	13.00	12.89	12.83	12.91	12.80	12.66	12.47	12.18
55°	9.51	9.49	9.48	9.55	9.59	9.62	9.49	9.43	9.65	9.60	9.31	9.26
60°	6.99	7.23	7.30	7.16	7.18	7.13	7.17	7.19	7.12	7.12	7.01	7.04
65°	5.39	5.38	5.33	5.23	5.17	5.07	5.01	4.99	4.99	5.04	5.03	5.09
70°	3.57	3.63	3.57	3.52	3.59	3.52	3.52	3.45	3.31	3.17	3.14	3.19
75°	2.08	2.00	2.00	1.97	1.86	1.86	1.86	1.86	1.86	1.86	1.86	1.86
80°	1.08	1.01	1.03	1.03	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.01
85°	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
90°	0.52	0.52	0.52	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.52

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
0°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3422.12	3418.24	3410.76	3407.33	3402.82	3400.13	3395.14	3395.34	3397.58	3399.09	3401.23	3404.81
10°	2471.65	2467.00	2464.40	2457.93	2450.70	2452.55	2454.92	2456.71	2458.05	2457.31	2461.23	2465.13

Gamma	C240°	C245°	C250°	C255°	C260°	C265°	C270°	C275°	C280°	C285°	C290°	C295°
15°	1413.08	1403.39	1399.85	1393.82	1388.64	1388.83	1390.39	1390.84	1391.75	1395.29	1398.21	1402.12
20°	671.28	664.65	658.43	654.88	654.86	654.16	651.12	651.23	654.45	659.63	664.68	668.44
25°	299.50	294.35	289.11	290.41	291.93	290.28	290.51	290.33	291.38	292.33	294.21	296.38
30°	125.28	123.07	120.95	119.16	118.98	116.46	116.23	117.91	118.51	119.88	122.20	121.86
35°	54.11	53.12	52.13	51.21	50.35	49.97	49.32	49.51	50.19	50.35	50.47	50.21
40°	28.57	28.43	28.29	28.15	27.40	27.26	27.04	26.73	27.07	26.81	26.71	26.84
45°	18.82	18.61	18.48	18.45	18.48	18.64	18.76	18.59	18.42	18.43	18.21	18.02
50°	12.32	12.18	12.25	12.39	12.44	12.48	12.54	12.45	12.41	12.38	12.25	12.10
55°	9.17	9.20	9.20	9.31	9.42	9.54	9.50	9.64	9.66	9.56	9.51	9.40
60°	7.12	7.09	7.09	7.03	7.03	6.96	7.08	7.07	7.02	7.03	6.91	7.06
65°	5.13	5.19	5.08	4.92	4.87	4.87	4.87	4.87	4.93	4.86	5.04	5.04
70°	3.17	3.19	3.19	3.19	3.19	3.17	3.25	3.23	3.28	3.23	3.23	3.23
75°	1.79	1.86	1.88	1.91	1.99	1.91	1.91	1.91	1.97	1.97	1.97	1.99
80°	1.08	1.08	1.08	1.08	1.08	1.17	1.17	1.17	1.13	1.13	1.13	1.13
85°	0.76	0.75	0.75	0.82	0.82	0.75	0.75	0.74	0.82	0.82	0.82	0.82
90°	0.58	0.58	0.58	0.58	0.65	0.65	0.65	0.65	0.58	0.58	0.58	0.65

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
0°	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12	3961.12
5°	3407.50	3412.58	3417.59	3426.82	3436.47	3445.67	3452.48	3460.99	3468.45	3478.02	3489.11	3495.94
10°	2473.19	2481.59	2490.16	2498.78	2508.13	2513.95	2519.80	2522.16	2527.91	2533.83	2541.80	2549.22
15°	1405.98	1414.70	1427.82	1437.05	1446.19	1453.45	1464.01	1476.70	1488.63	1501.70	1519.32	1531.25
20°	672.63	680.35	688.23	694.59	697.58	704.05	712.36	718.55	718.51	725.16	736.33	745.16
25°	299.00	303.42	305.85	306.25	306.43	310.96	313.08	318.90	320.92	323.73	330.17	335.97
30°	121.78	123.11	124.43	125.35	124.53	124.56	127.85	132.09	131.81	133.03	135.80	138.14
35°	51.03	51.74	53.96	54.59	53.67	53.85	54.48	56.31	56.75	56.80	57.54	58.80
40°	26.89	27.03	27.44	28.24	28.04	28.03	28.67	29.44	29.73	29.91	30.13	30.47
45°	17.92	17.97	17.95	18.03	19.28	19.86	20.21	20.41	20.62	20.89	20.94	20.88
50°	12.10	12.13	12.15	12.21	12.56	12.65	14.88	15.21	15.55	15.55	15.42	15.34
55°	9.42	9.48	9.60	9.73	9.79	9.79	9.87	10.22	12.59	12.65	12.37	12.16
60°	7.43	7.40	7.49	7.38	7.31	7.14	7.18	7.16	7.19	7.46	7.91	7.84

Gamma	C300°	C305°	C310°	C315°	C320°	C325°	C330°	C335°	C340°	C345°	C350°	C355°
65°	5.08	5.16	5.10	4.98	4.94	4.94	4.88	4.95	5.04	5.12	5.22	5.21
70°	3.22	3.23	3.16	3.25	3.17	3.25	3.28	3.36	3.36	3.31	3.31	3.42
75°	1.91	1.91	1.99	1.90	1.97	1.97	1.97	1.97	1.97	1.97	1.97	1.97
80°	1.13	1.13	1.13	1.13	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
85°	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.87	0.87	0.82
90°	0.65	0.65	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.65	0.58	0.58

PROIETTA srl

Viale Dei Mareschi 4/d - 10051 - Avigliana - TO (Italy) p.iva (VAT) IT09964950019

Phone: +39 011 9761039, info@proietta.com, www.proietta.com