

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3082B5-18-UN-RC-Y(5030-XL-18RGBWN-AJ, L480mm, C, CT)

报告编号:

电压(V):

测试编号: 20210226006

电流(A):

光源规格型号: XL

功率(W): 130.3000

每个光源光通量(lm)

功率因数:

光源数量: 18

镇流器型号:

发光面长度(mm): 420

发光面宽度(mm): 105

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 4632.19

灯具效能(lm/w): 35.55

中心光强(cd): 8385.118

最大光强(cd): 8853.984

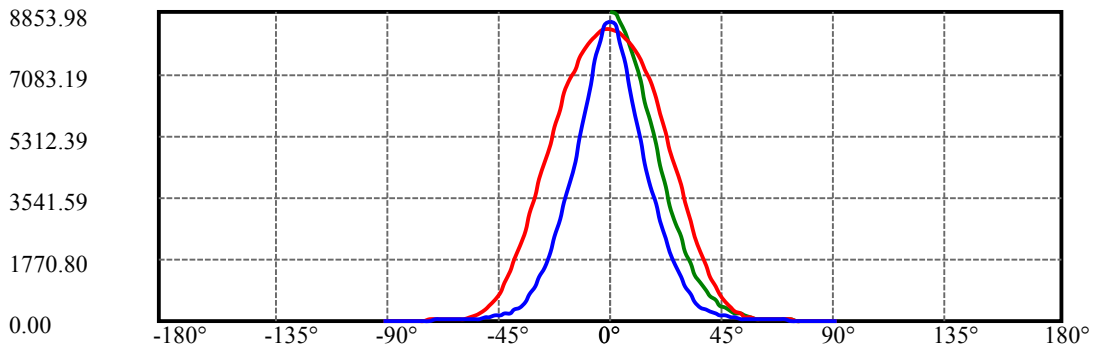
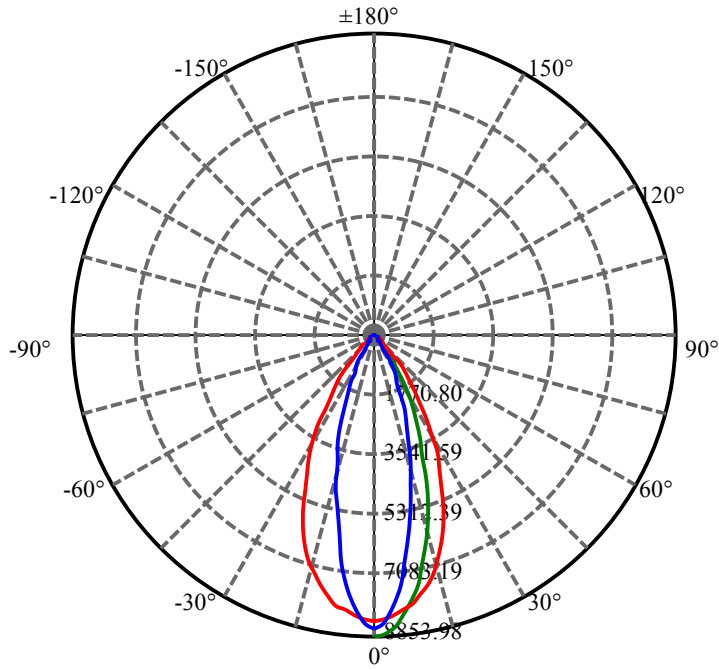
最大光强角度: C=30.0 γ =0.0

半峰边角(50%Imax): [C0/180]Total=54.3

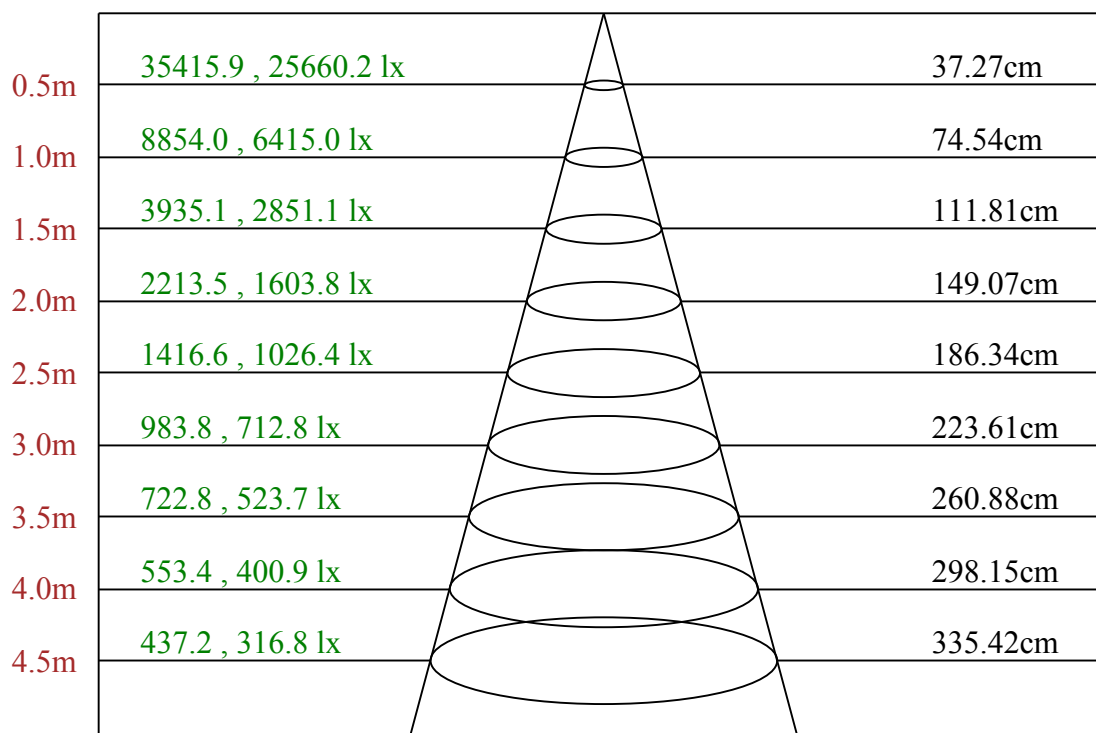
[C90/270]Total=29.5

光束扩散角(10%Imax): [C0/180]Total=87.3

[C90/270]Total=62.2

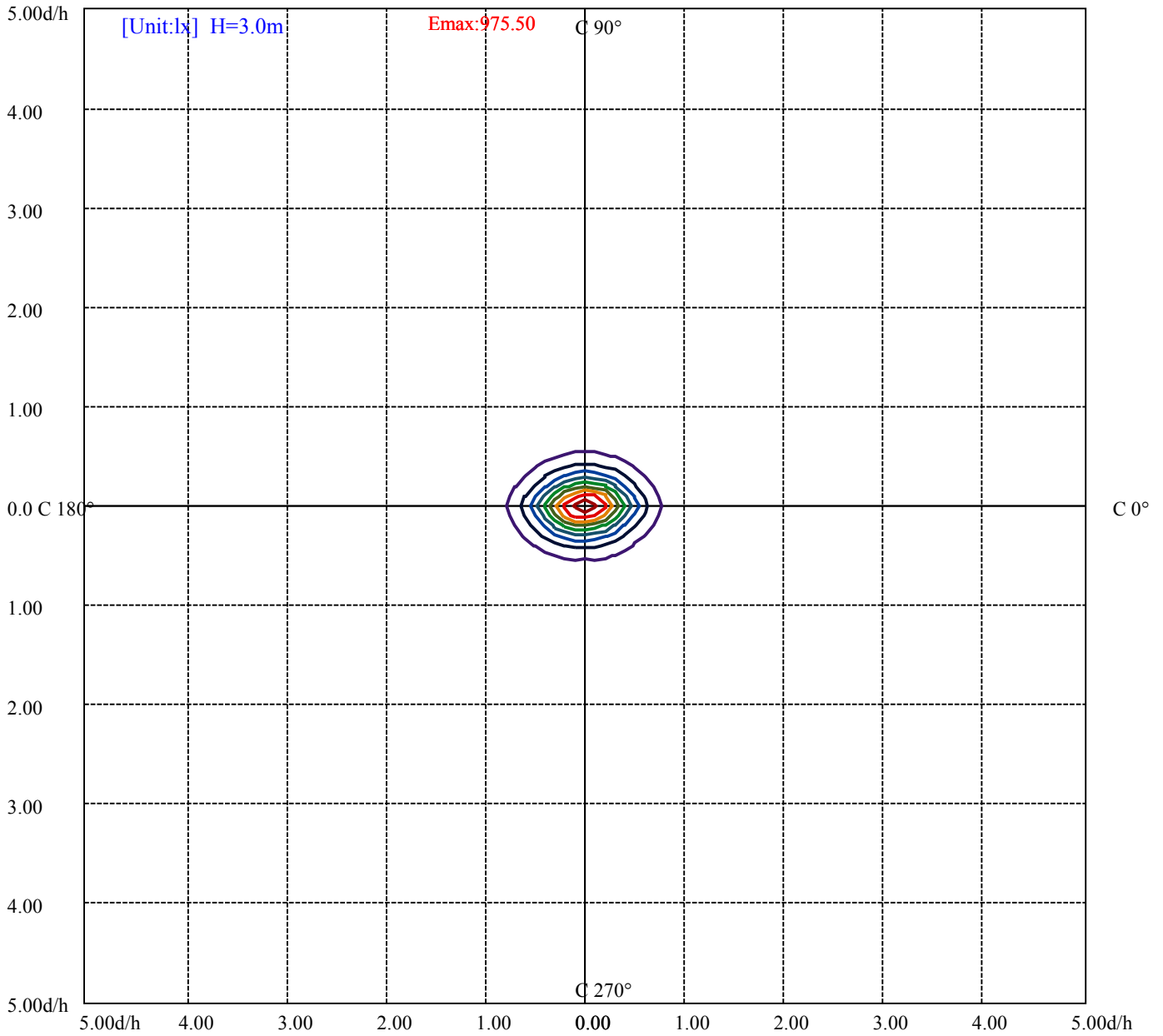


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角40.88

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平面等照度曲线



(10%Emax) 97.55022	—
(20%Emax) 195.1	—
(30%Emax) 292.6511	—
(40%Emax) 390.2011	—
(50%Emax) 487.7511	—
(60%Emax) 585.3011	—
(70%Emax) 682.8522	—
(80%Emax) 780.4022	—
(90%Emax) 877.9522	—

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

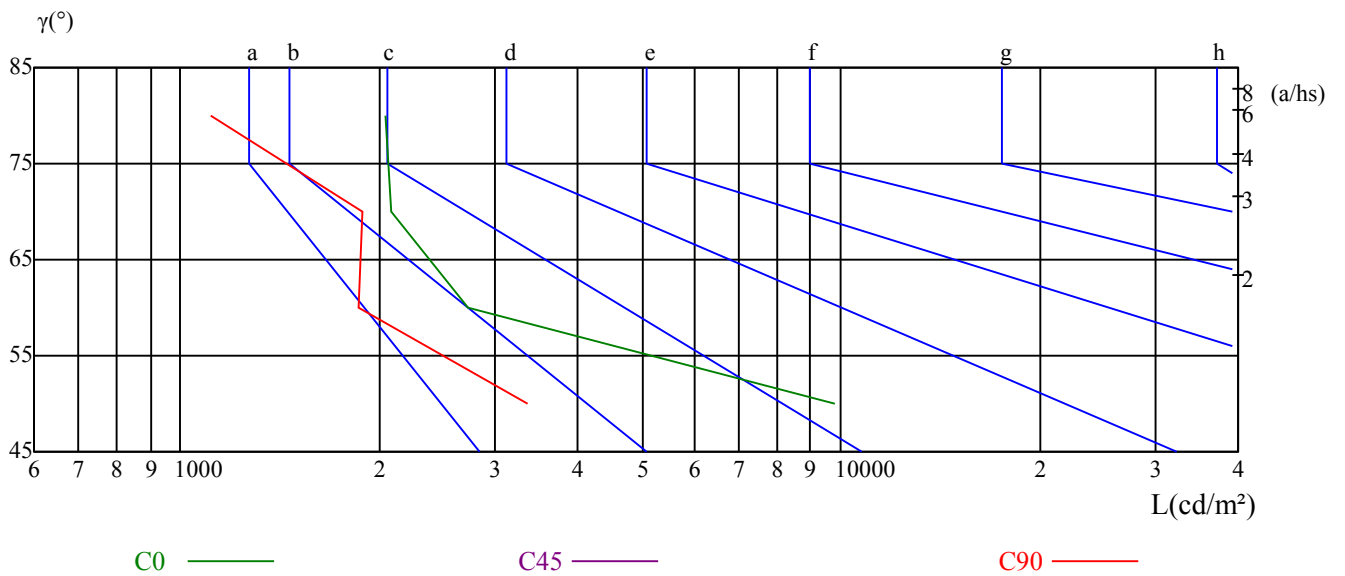
γ	45	50	55	60	65	70	75	80	85
C0	0	9816	0	2728	0	2086	0	2044	0
C45	0	0	0	0	0	0	0	0	0
C90	0	3351	0	1862	0	1888	0	1112	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

亮度限制曲线



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	3.20	4.21	3.56	4.52	4.83	4.92	5.93	5.29	6.24	6.56
	3H	3.89	4.77	4.27	5.11	5.48	5.58	6.47	5.97	6.80	7.17
	4H	4.10	4.92	4.51	5.27	5.66	5.91	6.73	6.32	7.09	7.48
	6H	4.20	4.95	4.62	5.32	5.72	6.20	6.95	6.62	7.33	7.72
	8H	4.20	4.90	4.64	5.30	5.71	6.30	7.00	6.74	7.40	7.81
	12H	4.19	4.86	4.63	5.25	5.68	6.42	7.09	6.86	7.48	7.91
4H	2H	3.35	4.17	3.75	4.52	4.91	4.91	5.73	5.31	6.08	6.47
	3H	4.14	4.81	4.56	5.22	5.63	5.79	6.46	6.20	6.86	7.27
	4H	4.41	5.01	4.85	5.43	5.88	6.24	6.84	6.68	7.26	7.71
	6H	4.55	5.06	5.02	5.51	5.98	6.58	7.09	7.05	7.54	8.01
	8H	4.56	5.04	5.04	5.49	5.96	6.72	7.20	7.20	7.65	8.12
	12H	4.56	4.97	5.05	5.46	5.93	6.87	7.28	7.36	7.77	8.24
8H	4H	4.53	5.00	5.00	5.45	5.93	6.23	6.70	6.70	7.15	7.63
	6H	4.72	5.10	5.23	5.60	6.09	6.67	7.04	7.18	7.54	8.03
	8H	4.77	5.10	5.30	5.62	6.12	6.87	7.20	7.40	7.72	8.22
	12H	5.27	5.56	5.80	6.06	6.64	7.42	7.71	7.94	8.21	8.79
12H	4H	4.52	4.93	5.01	5.42	5.89	6.18	6.59	6.67	7.07	7.55
	6H	5.01	5.07	5.27	5.54	6.09	6.90	6.96	7.17	7.44	7.99
	8H	4.81	5.10	5.33	5.60	6.18	6.87	7.16	7.39	7.65	8.23
对应照射距离，改变观察者位置S											
S = 1.0H	2.9/-3.0					4.3/-6.0					
S = 1.5H	4.7/-4.7					6.9/-7.3					
S = 2.0H	6.7/-4.7					8.9/-7.2					
标准表格	BK1					BK0					
更正系数	-5.5					-0.6					

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光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	8385.12	8329.87	8252.36	8097.35	7953.09	7754.33	7476.54	7181.11	6852.67
30.0	8853.98	8779.55	8584.64	8266.17	7898.60	7449.69	6871.85	6277.90	5693.16
60.0	8705.11	8544.73	8143.39	7558.65	6941.68	6243.37	5502.09	4760.80	4103.93
90.0	8604.59	8454.18	7972.27	7379.09	6685.38	5879.64	5147.56	4483.78	3876.02
120.0	8514.04	8325.26	7900.14	7358.37	6726.82	5974.02	5260.36	4552.07	3986.52
150.0	8439.60	8372.07	8181.76	7884.79	7478.85	7003.07	6503.51	5928.75	5303.34
180.0	8385.12	8376.68	8281.52	8136.49	8007.57	7807.28	7517.98	7222.54	6915.59
210.0	8853.98	8835.57	8686.70	8365.17	8026.75	7616.21	7074.44	6493.54	5865.06
240.0	8705.11	8660.61	8366.70	7834.14	7256.31	6554.16	5815.94	5070.82	4409.34
270.0	8604.59	8481.81	8043.64	7466.57	6757.51	5967.88	5245.78	4565.12	3951.22
300.0	8514.04	8437.30	8111.16	7618.51	7027.63	6274.83	5523.57	4796.10	4192.18
330.0	8439.60	8362.10	8202.48	7895.53	7496.50	7026.86	6508.88	5915.70	5305.64
360.0	8385.12	8329.87	8252.36	8097.35	7953.09	7754.33	7476.54	7181.11	6852.67
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	6404.52	5928.75	5412.30	4893.56	4392.46	3912.08	3387.20	2882.26	2427.98
30.0	5059.31	4450.78	3836.88	3302.79	2812.43	2394.98	1987.50	1625.30	1338.30
60.0	3516.12	2991.23	2550.76	2171.67	1850.91	1522.17	1288.66	1011.25	793.77
90.0	3352.67	2850.80	2391.14	1974.46	1606.12	1274.61	996.05	762.00	545.60
120.0	3427.10	2939.82	2514.69	2149.42	1830.96	1531.38	1251.28	981.47	767.30
150.0	4759.27	4134.62	3626.62	3144.71	2711.14	2306.73	1965.25	1658.30	1349.05
180.0	6522.70	6048.46	5543.52	5055.47	4558.21	4070.16	3578.27	3075.64	2564.57
210.0	5231.97	4645.69	4054.05	3494.63	3011.18	2591.43	2170.91	1811.01	1492.70
240.0	3758.61	3222.98	2767.16	2360.45	1998.25	1675.18	1392.02	1106.56	872.51
270.0	3406.38	2931.38	2434.88	1993.64	1530.22	1249.37	972.73	749.57	534.63
300.0	3608.97	3106.34	2646.68	2239.97	1908.46	1594.61	1330.63	1025.98	799.61
330.0	4698.64	4133.09	3577.51	3082.55	2659.73	2256.85	1907.70	1522.47	1315.28
360.0	6404.52	5928.75	5412.30	4893.56	4392.46	3912.08	3387.20	2882.26	2427.98
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1987.50	1610.72	1276.91	992.99	746.66	544.84	392.90	278.25	194.76
30.0	1095.05	900.90	727.47	582.44	462.73	389.83	286.39	235.43	195.14
60.0	611.06	458.74	353.38	273.65	215.33	169.74	137.67	114.26	99.22
90.0	407.48	311.71	250.86	204.81	167.52	138.90	114.95	95.00	79.04
120.0	582.90	445.00	337.26	258.68	202.97	163.61	135.21	112.73	99.30
150.0	1123.44	928.53	770.45	624.64	499.56	396.73	312.55	252.62	203.05
180.0	2144.82	1745.78	1412.89	1101.49	842.43	609.30	433.57	307.72	209.72
210.0	1221.97	1013.93	823.32	664.24	531.72	422.90	326.21	260.83	213.10
240.0	674.52	513.38	390.59	296.74	231.13	182.02	147.49	122.32	103.37
270.0	397.04	310.02	246.94	204.28	167.52	138.90	114.88	94.77	79.42
300.0	606.23	463.50	349.00	264.44	206.42	166.52	135.44	112.96	99.15
330.0	1079.93	895.45	725.09	582.82	470.10	365.42	287.92	238.81	186.78
360.0	1987.50	1610.72	1276.91	992.99	746.66	544.84	392.90	278.25	194.76
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	136.52	96.15	73.98	60.16	50.72	43.97	38.29	34.46	31.46
30.0	146.42	99.61	73.28	59.78	49.96	43.28	38.75	35.38	32.77
60.0	94.16	94.92	92.62	72.13	46.12	34.76	28.93	24.02	20.03
90.0	67.22	57.40	49.04	41.06	36.14	33.46	32.08	31.46	28.47
120.0	96.38	96.00	87.02	68.30	49.42	36.83	29.70	24.71	20.64
150.0	152.55	105.90	77.51	60.47	49.65	42.28	36.76	32.92	29.70
180.0	144.73	104.44	78.04	63.16	52.87	45.43	40.29	36.07	32.77
210.0	170.28	122.78	83.34	64.15	53.10	45.28	40.21	36.53	33.69
240.0	91.86	88.10	91.32	83.03	60.01	39.67	31.54	26.40	21.95
270.0	66.84	57.55	49.19	41.13	35.76	32.84	30.93	30.08	27.70
300.0	94.46	98.15	87.25	69.14	53.41	37.14	29.62	24.40	20.49
330.0	134.14	95.39	70.68	56.25	46.12	39.52	34.61	31.46	29.01
360.0	136.52	96.15	73.98	60.16	50.72	43.97	38.29	34.46	31.46

ROLED 投光灯

光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	28.16	25.17	21.95	19.11	15.65	12.13	8.36	4.37	1.00
30.0	28.32	24.48	19.95	16.42	13.28	9.82	6.22	1.46	0.46
60.0	16.96	14.04	11.28	8.83	7.29	4.37	1.92	1.46	0.61
90.0	23.25	16.96	12.66	10.51	8.52	4.30	2.53	1.61	0.84
120.0	17.34	14.35	11.51	8.90	7.44	4.91	2.23	1.69	0.69
150.0	26.32	22.56	19.03	14.89	11.59	8.75	5.68	2.53	0.84
180.0	29.77	26.32	23.02	19.88	16.58	12.74	8.98	4.91	1.69
210.0	30.39	26.32	22.48	17.96	14.66	11.28	7.44	2.84	0.92
240.0	18.49	15.65	12.74	9.90	8.13	5.45	2.46	1.69	1.00
270.0	23.02	17.57	12.82	10.59	7.06	3.84	2.53	1.38	0.92
300.0	17.34	14.43	11.51	9.06	7.52	4.53	2.07	1.38	0.84
330.0	25.63	21.41	17.27	13.81	10.59	7.21	4.68	1.46	0.54
360.0	28.16	25.17	21.95	19.11	15.65	12.13	8.36	4.37	1.00

C/γ(°)	90.0
0.0	0.15
30.0	0.08
60.0	0.08
90.0	0.15
120.0	0.23
150.0	0.23
180.0	0.15
210.0	0.38
240.0	0.15
270.0	0.08
300.0	0.08
330.0	0.15
360.0	0.15