

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3074A-72-UN (2515-OL-72WN-AA, L650mm, C, CT)

报告编号:

电压(V):

测试编号: 20210402001

电流(A):

光源规格型号: OL

功率(W): 78.8000

每个光源光通量(lm)

功率因数:

光源数量: 72

镇流器型号:

发光面长度(mm): 590

发光面宽度(mm): 103

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 7477.52

灯具效能(lm/w): 94.89

中心光强(cd): 39918.900

最大光强(cd): 40402.350

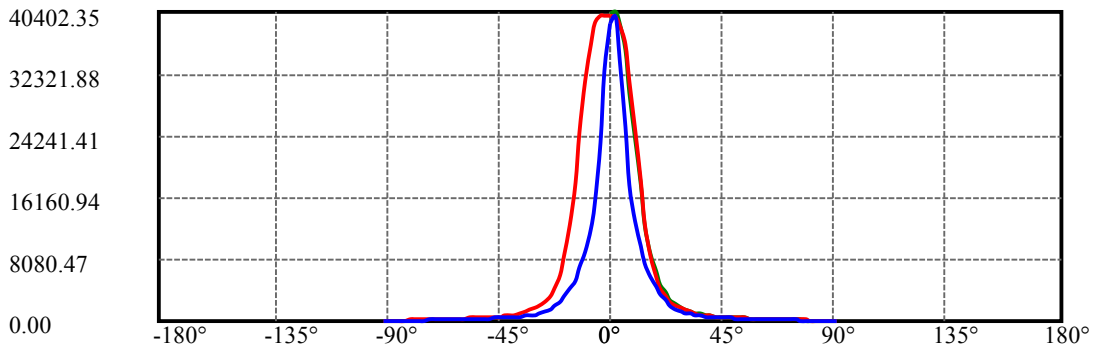
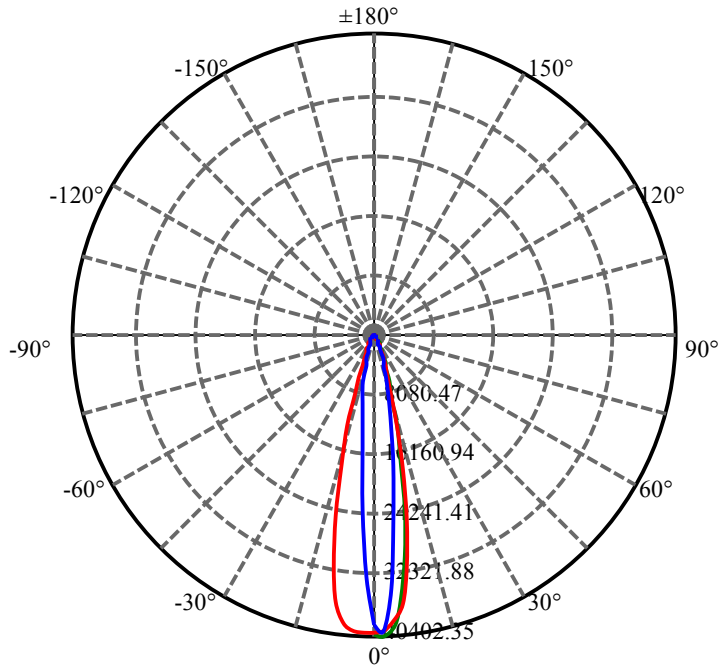
最大光强角度: $C=30.0 \gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=24.9

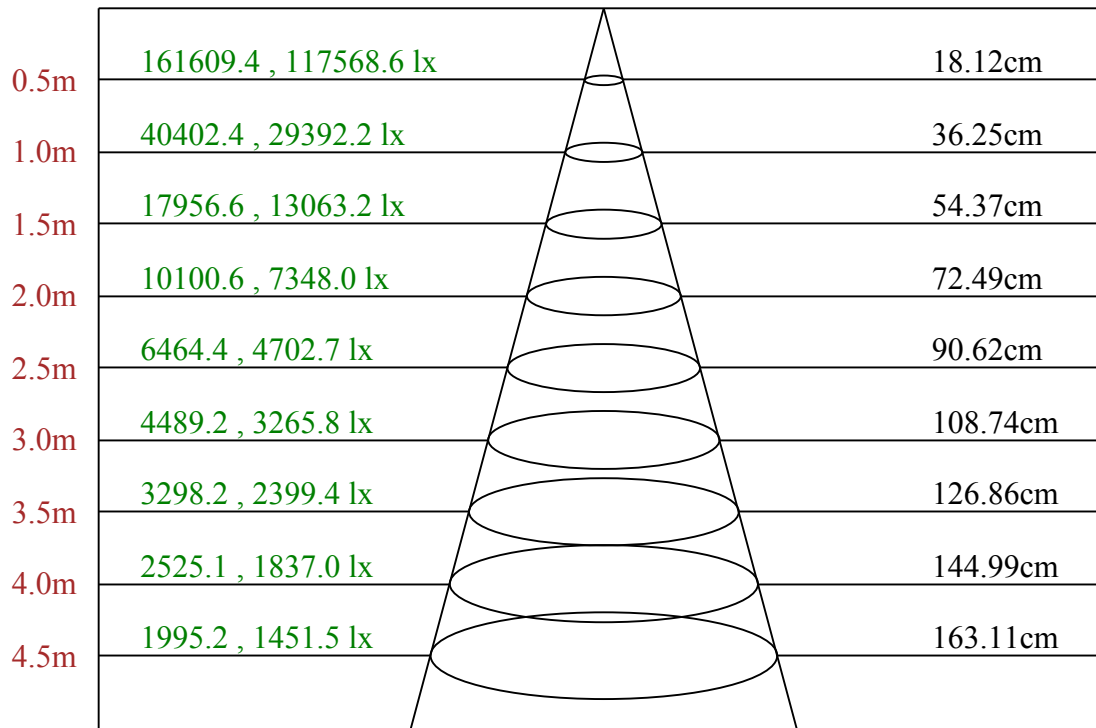
[C90/270]Total=12.6

光束扩散角(10%Imax): [C0/180]Total=43.2

[C90/270]Total=35.7

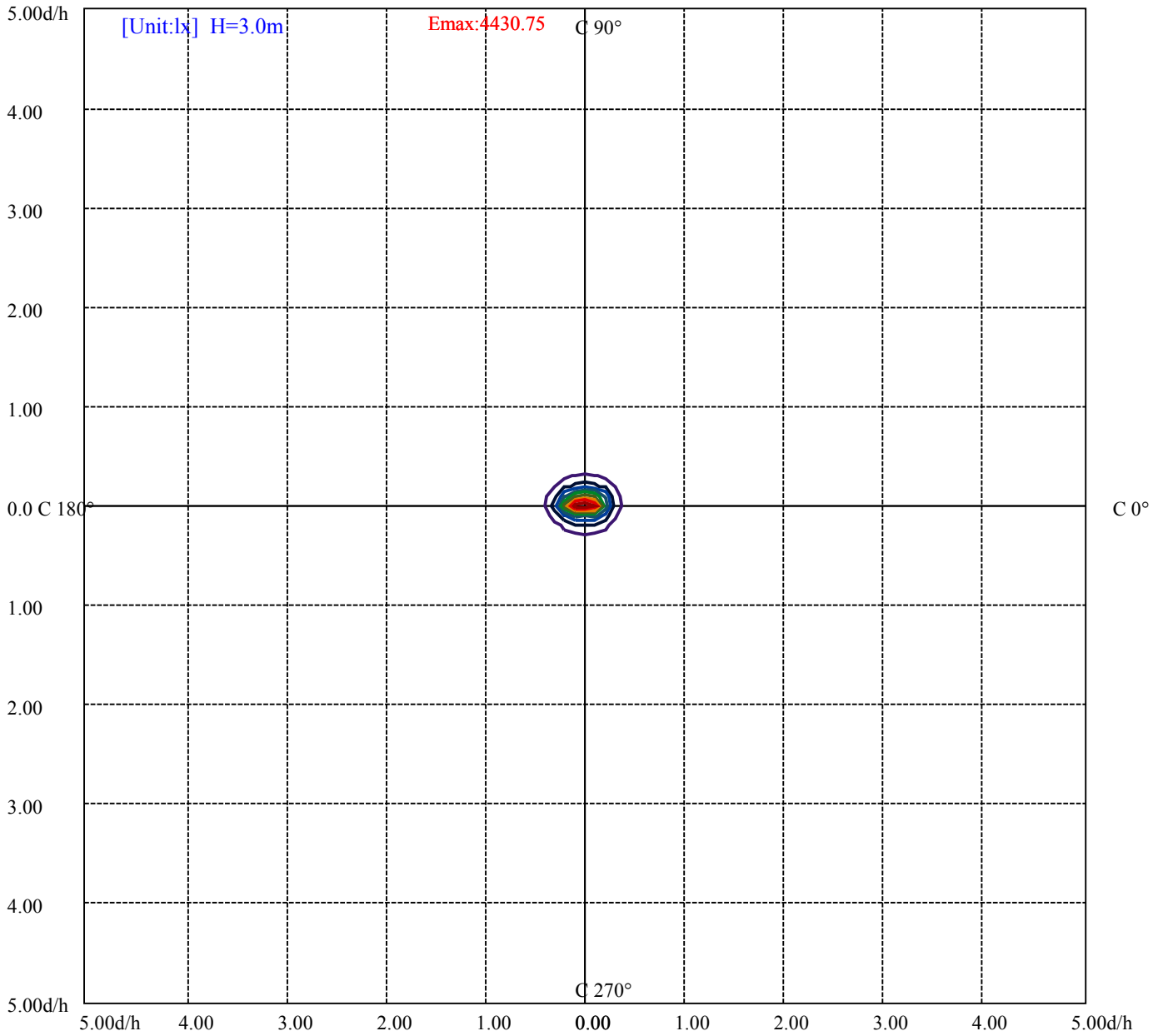


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角20.53

ROLED 投光灯
平面等照度曲线



(10%Emax) 443.0744	—
(20%Emax) 886.1478	—
(30%Emax) 1329.222	—
(40%Emax) 1772.3	—
(50%Emax) 2215.367	—
(60%Emax) 2658.444	—
(70%Emax) 3101.522	—
(80%Emax) 3544.589	—
(90%Emax) 3987.667	—

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

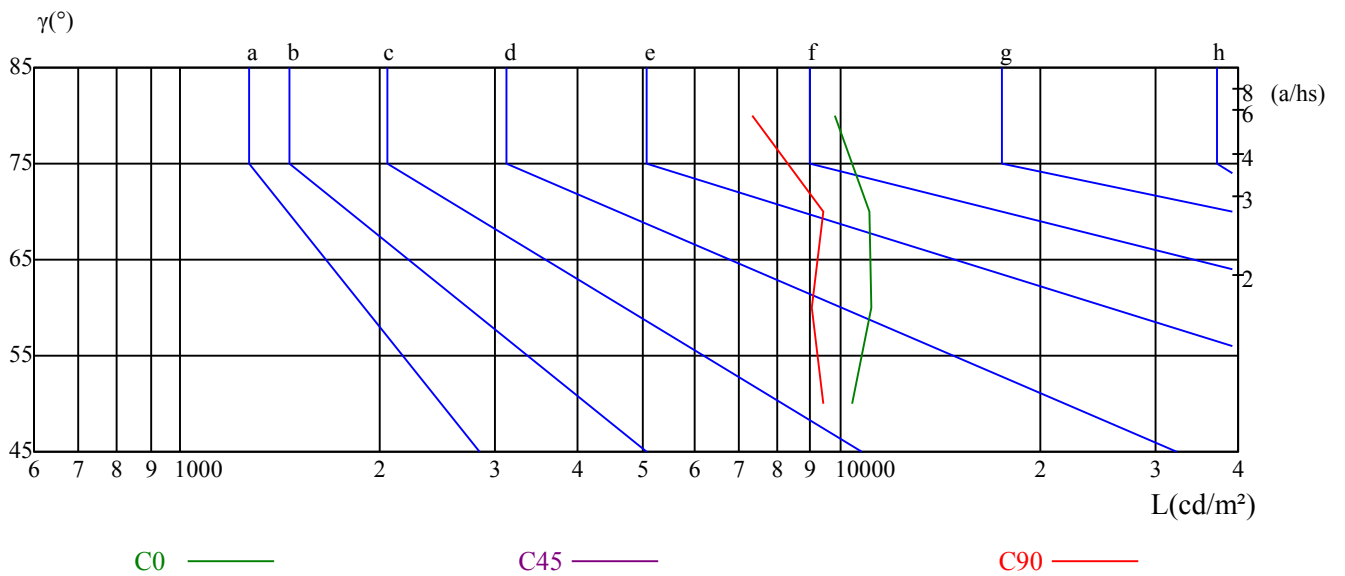
γ	45	50	55	60	65	70	75	80	85
C0	0	10431	0	11158	0	11076	0	9832	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9428	0	9041	0	9422	0	7345	0

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	8.69	9.79	9.06	10.10	10.41	9.85	10.95	10.22	11.26	11.58
	3H	10.68	11.65	11.06	11.98	12.35	12.01	12.98	12.39	13.31	13.68
	4H	11.35	12.25	11.76	12.61	12.99	12.84	13.74	13.25	14.10	14.49
	6H	11.74	12.57	12.15	12.94	13.34	13.49	14.32	13.91	14.69	15.09
	8H	11.82	12.60	12.25	12.99	13.40	13.70	14.49	14.14	14.88	15.29
	12H	11.90	12.64	12.33	13.03	13.46	13.96	14.71	14.40	15.09	15.52
4H	2H	9.49	10.39	9.90	10.75	11.13	10.37	11.28	10.78	11.63	12.02
	3H	11.61	12.35	12.02	12.76	13.16	12.71	13.45	13.12	13.86	14.26
	4H	12.38	13.05	12.82	13.47	13.91	13.64	14.31	14.08	14.73	15.18
	6H	12.77	13.35	13.24	13.80	14.27	14.29	14.86	14.76	15.31	15.78
	8H	12.88	13.42	13.36	13.87	14.34	14.56	15.09	15.03	15.54	16.02
	12H	12.96	13.42	13.45	13.91	14.38	14.83	15.29	15.32	15.78	16.26
8H	4H	12.71	13.24	13.18	13.69	14.17	13.82	14.35	14.29	14.80	15.28
	6H	13.22	13.65	13.73	14.15	14.63	14.60	15.03	15.11	15.53	16.01
	8H	13.38	13.76	13.91	14.28	14.78	14.95	15.33	15.48	15.85	16.34
	12H	13.97	14.30	14.49	14.80	15.37	15.69	16.02	16.21	16.51	17.09
12H	4H	12.74	13.20	13.23	13.69	14.16	13.80	14.27	14.29	14.75	15.23
	6H	13.66	13.67	13.82	14.14	14.68	14.99	14.99	15.14	15.46	16.01
	8H	13.49	13.82	14.01	14.31	14.89	15.00	15.32	15.52	15.82	16.40
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.7					
S = 1.5H	0.7/-0.6					0.8/-0.6					
S = 2.0H	0.9/-0.7					0.8/-0.7					
标准表格	BK4					BKBF					
更正系数	2.3					6.2					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	39918.90	39604.28	38552.97	36097.37	31354.98	25185.28	18417.02	12730.77	8579.26
30.0	40041.68	40402.35	38890.62	35368.36	29981.38	23727.27	17818.47	12554.27	8786.46
60.0	39711.71	39604.28	34577.96	27226.50	19775.28	14425.90	10485.43	7831.07	6040.02
90.0	38936.66	39596.60	34056.15	25430.84	17795.45	13030.04	9761.02	7443.55	5724.63
120.0	39688.69	39297.33	34194.28	26413.08	19476.00	14044.52	10316.60	7879.42	6026.97
150.0	39734.73	39865.18	38015.81	34455.18	28999.14	22852.46	16912.97	12231.97	8702.04
180.0	39918.90	40003.31	39826.81	38821.55	36059.00	31255.22	24694.16	17994.97	12615.66
210.0	40041.68	37900.70	33910.35	28224.09	22046.71	15288.43	11563.59	8225.50	6073.78
240.0	39711.71	34631.68	27564.15	20074.56	14288.54	10666.53	7965.36	6023.90	4642.63
270.0	38936.66	32536.74	23435.66	15234.72	11968.00	9132.54	6932.48	5343.24	4185.27
300.0	39688.69	34938.63	27518.10	19944.10	14349.93	10490.03	7942.34	5977.86	4611.93
330.0	39734.73	37762.57	33795.24	28024.57	21739.76	15211.69	11203.69	7907.81	5804.43
360.0	39918.90	39604.28	38552.97	36097.37	31354.98	25185.28	18417.02	12730.77	8579.26
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	5855.08	4251.26	3223.75	2516.99	2017.43	1673.65	1384.35	1164.88	987.61
30.0	6399.92	4704.02	3882.92	2799.39	2253.78	1830.19	1517.10	1259.26	1060.51
60.0	4615.00	3562.93	2782.51	2210.81	1765.73	1458.32	1199.56	1006.03	861.15
90.0	4481.48	3438.61	2676.61	2061.94	1616.09	1315.28	1076.63	895.53	764.31
120.0	4623.44	3574.44	2817.81	2201.60	1769.57	1441.21	1183.68	991.91	855.93
150.0	6407.59	4750.06	3921.29	2854.64	2259.16	1828.66	1497.92	1253.13	1055.91
180.0	8483.34	5970.95	4328.00	3302.02	2544.62	2066.54	1682.86	1410.51	1179.15
210.0	4508.33	3469.31	2751.04	2192.39	1804.10	1481.96	1240.92	1049.77	902.51
240.0	3913.62	2813.97	2245.34	1790.29	1445.74	1196.34	1012.94	864.07	755.10
270.0	3205.33	2470.95	1914.60	1516.64	1246.30	1039.10	868.52	747.96	662.48
300.0	3882.92	2793.25	2204.67	1752.69	1429.62	1182.53	991.45	847.18	742.05
330.0	4298.07	3344.99	2623.66	2088.80	1722.76	1430.08	1189.36	1008.64	871.13
360.0	5855.08	4251.26	3223.75	2516.99	2017.43	1673.65	1384.35	1164.88	987.61
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	844.11	732.08	646.13	574.00	514.91	471.94	435.87	407.48	387.53
30.0	910.11	781.19	680.66	600.86	540.23	489.59	452.75	420.52	396.73
60.0	747.42	661.25	588.96	533.40	485.37	447.30	415.53	389.52	366.04
90.0	671.45	597.02	542.54	496.49	458.89	425.13	392.90	368.26	344.40
120.0	740.52	651.12	584.51	527.65	482.91	443.70	414.38	388.60	367.50
150.0	907.04	781.19	678.36	598.55	535.63	486.52	446.61	418.22	395.97
180.0	994.90	857.24	744.66	653.27	577.45	520.43	474.09	438.25	410.24
210.0	774.82	677.59	603.23	538.31	489.66	451.14	422.21	400.03	383.15
240.0	666.08	592.41	535.63	488.82	451.98	422.06	397.50	376.17	355.76
270.0	592.80	539.77	495.50	460.20	429.50	401.18	373.79	351.15	330.89
300.0	651.50	584.74	531.02	484.21	447.38	418.99	394.43	374.94	356.22
330.0	749.73	660.63	585.59	524.81	479.38	443.31	415.84	394.59	378.85
360.0	844.11	732.08	646.13	574.00	514.91	471.94	435.87	407.48	387.53
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	376.48	366.42	354.99	339.03	319.38	297.90	276.56	253.46	230.21
30.0	380.24	365.81	352.99	339.33	323.53	303.11	281.09	255.61	231.06
60.0	345.01	325.37	305.72	287.54	270.96	254.31	236.05	217.17	195.91
90.0	324.68	305.95	290.07	274.72	259.76	244.03	227.76	212.03	195.83
120.0	347.31	327.75	309.56	292.22	275.80	259.37	242.80	222.39	200.82
150.0	381.62	367.04	355.60	342.63	326.52	306.03	283.09	260.29	234.82
180.0	391.21	379.31	370.11	359.06	343.55	323.99	302.65	279.10	255.69
210.0	368.57	356.14	342.25	326.14	306.26	283.32	260.99	236.74	205.96
240.0	335.73	317.92	298.66	279.25	262.90	244.95	226.22	204.05	184.55
270.0	311.86	296.51	280.71	264.82	248.40	232.44	214.33	197.60	177.42
300.0	337.19	318.15	298.89	281.24	263.90	247.33	227.83	205.66	185.25
330.0	365.50	353.30	338.64	321.76	301.81	279.17	256.15	231.36	204.43
360.0	376.48	366.42	354.99	339.03	319.38	297.90	276.56	253.46	230.21

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	206.42	180.79	155.01	128.08	103.75	77.74	50.42	25.32	2.92
30.0	200.36	174.27	149.02	125.08	104.29	82.65	52.49	29.08	10.21
60.0	176.57	156.85	126.85	102.29	79.88	54.64	33.38	19.65	10.21
90.0	177.95	147.80	122.63	99.45	77.51	51.41	30.77	20.34	11.59
120.0	182.56	161.07	130.99	104.59	82.72	56.71	33.69	19.72	9.82
150.0	203.74	176.42	152.71	128.69	106.51	85.49	55.48	30.24	10.36
180.0	233.82	208.73	181.56	153.94	129.30	102.91	76.81	49.34	24.71
210.0	176.11	151.10	126.77	104.13	82.88	52.18	26.86	10.74	3.99
240.0	163.53	137.97	110.04	85.49	62.23	39.83	22.02	10.05	4.99
270.0	148.87	123.39	98.92	75.05	51.34	30.85	20.18	10.44	4.30
300.0	165.75	140.51	110.50	86.25	62.54	40.98	21.64	9.52	4.68
330.0	174.96	150.18	125.54	104.98	83.64	52.95	27.47	10.21	3.30
360.0	206.42	180.79	155.01	128.08	103.75	77.74	50.42	25.32	2.92
C/γ(°)	90.0								
0.0	0.69								
30.0	4.30								
60.0	4.68								
90.0	5.07								
120.0	4.60								
150.0	4.07								
180.0	3.30								
210.0	1.61								
240.0	1.77								
270.0	1.61								
300.0	1.15								
330.0	0.84								
360.0	0.69								