

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F3084A-30-UN-RC-Y(12-XL-30RGBWN-AJ,L715mm,B,CT)

报告编号:

电压(V): 201.5000

测试编号: 20210227001

电流(A): 0.6630

光源规格型号: XL

功率(W): 132.5000

每个光源光通量(lm)

功率因数: 0.9920

光源数量: 30

镇流器型号:

发光面长度(mm): 650

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): 6889.78

灯具效能(lm/w): 52.00

中心光强(cd): 72563.080

最大光强(cd): 75931.860

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=13.9

[C90/270]Total=13.8

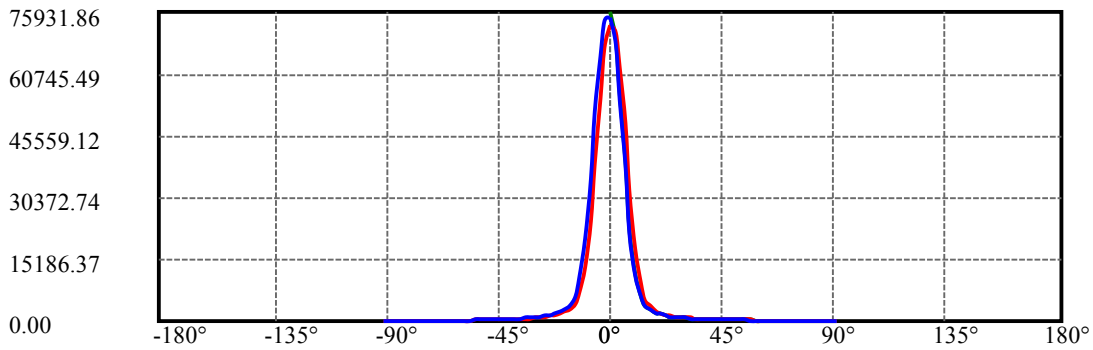
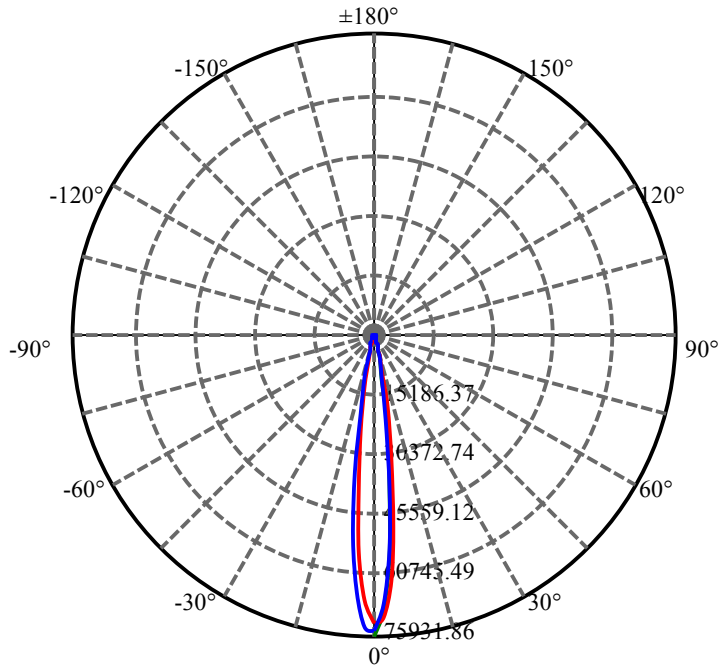
光束扩散角(10%Imax): [C0/180]Total=25.1

[C90/270]Total=24.9

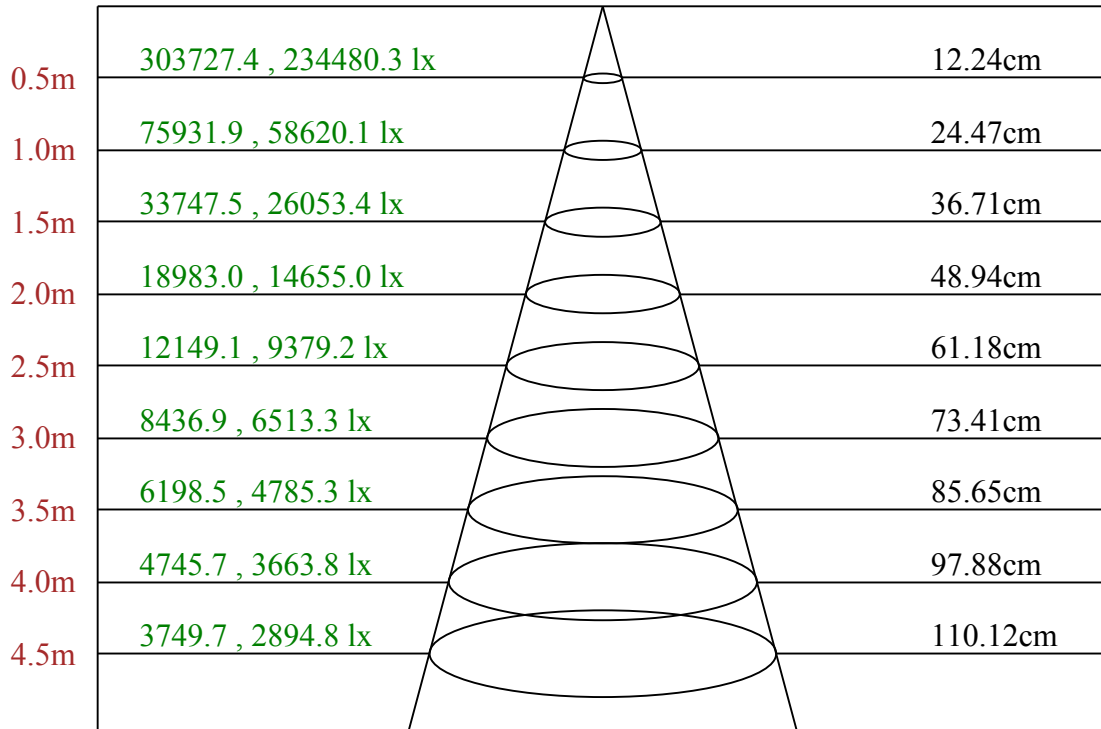
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/27
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

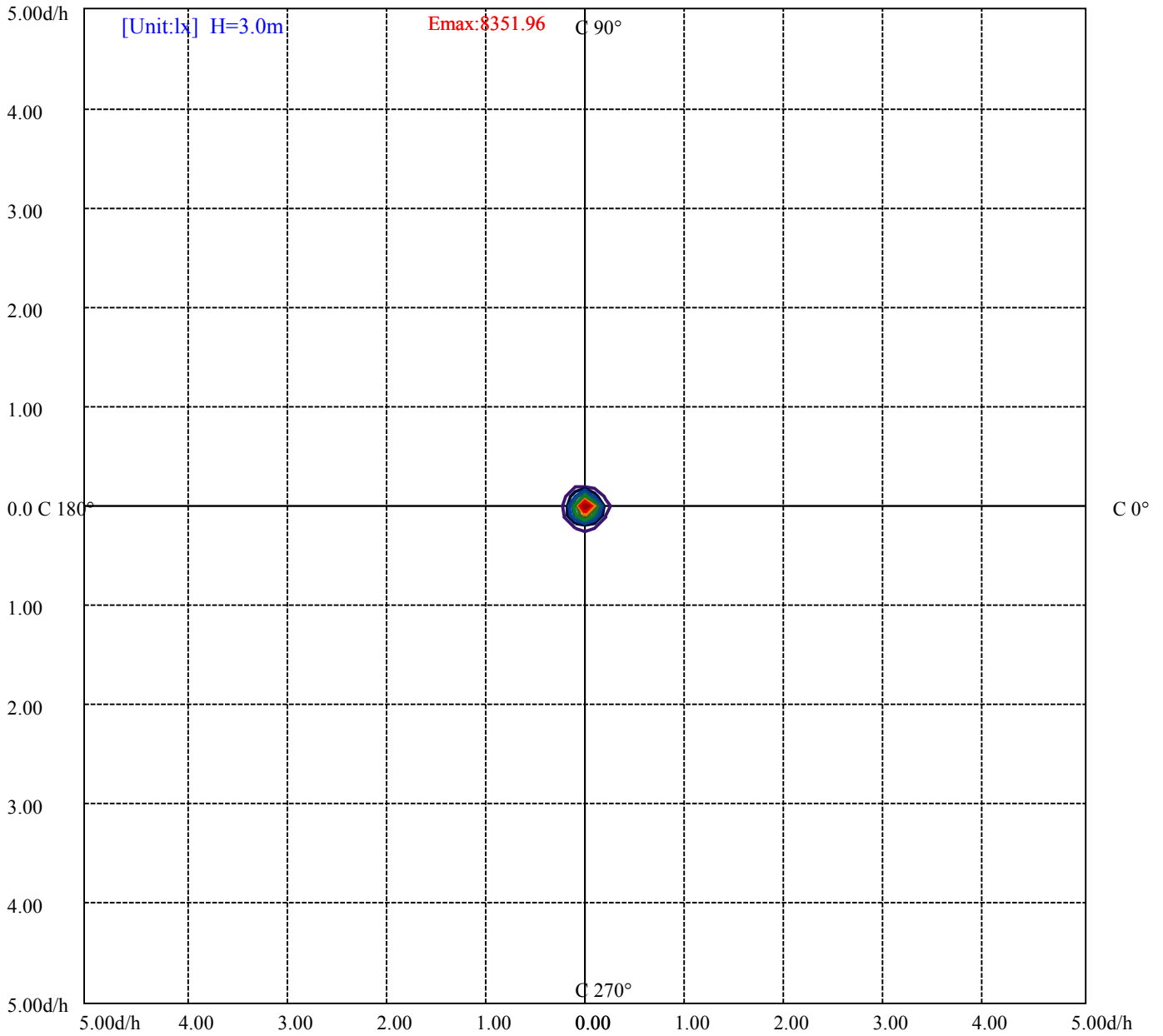


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角13.95

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平面等照度曲线



- (10%Emax) 835.1956
- (20%Emax) 1670.389
- (30%Emax) 2505.589
- (40%Emax) 3340.778
- (50%Emax) 4175.978
- (60%Emax) 5011.178
- (70%Emax) 5846.367
- (80%Emax) 6681.567
- (90%Emax) 7516.755

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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

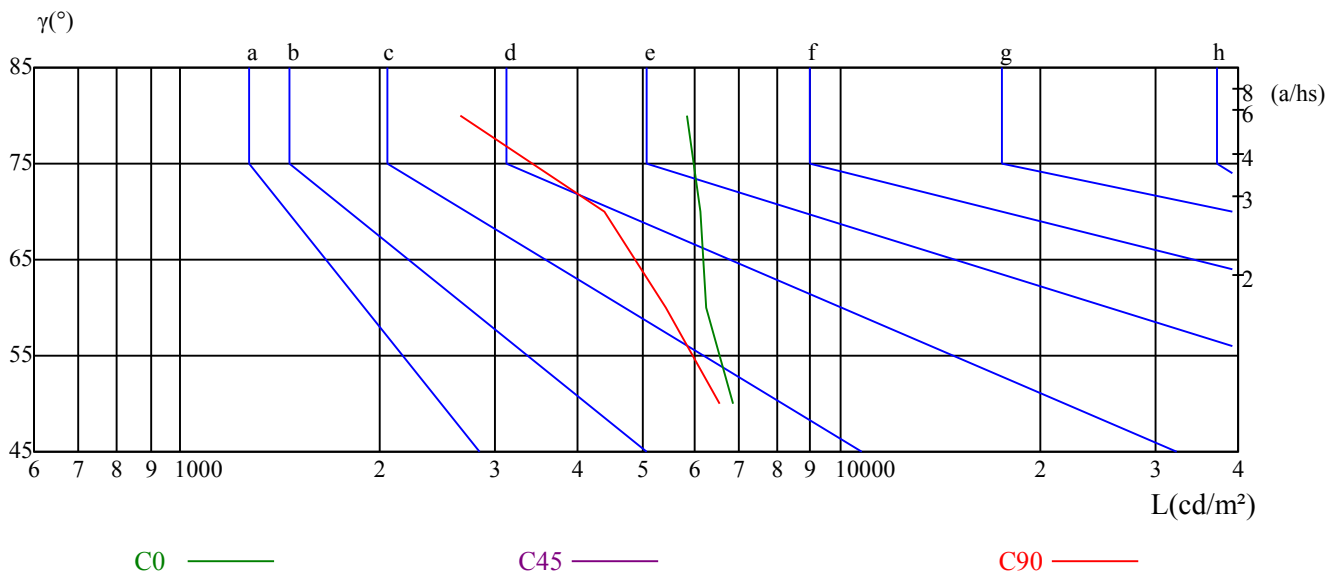
γ	45	50	55	60	65	70	75	80	85
C0	0	6855	0	6254	0	6111	0	5840	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6572	0	5424	0	4385	0	2648	0

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



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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	6.71	7.74	7.07	8.05	8.37	7.01	8.04	7.37	8.35	8.66
	3H	8.07	8.98	8.45	9.31	9.68	8.87	9.78	9.25	10.11	10.48
	4H	8.53	9.38	8.94	9.73	10.12	9.57	10.41	9.97	10.77	11.15
	6H	8.76	9.54	9.18	9.91	10.31	10.08	10.85	10.49	11.22	11.62
	8H	8.79	9.52	9.23	9.91	10.32	10.24	10.97	10.68	11.36	11.77
	12H	8.82	9.52	9.26	9.90	10.33	10.46	11.15	10.89	11.53	11.97
4H	2H	7.25	8.09	7.66	8.45	8.84	7.48	8.33	7.89	8.68	9.07
	3H	8.78	9.48	9.20	9.88	10.29	9.59	10.28	10.00	10.69	11.09
	4H	9.33	9.95	9.77	10.37	10.82	10.37	10.99	10.81	11.42	11.86
	6H	9.59	10.12	10.06	10.57	11.04	10.88	11.41	11.35	11.86	12.33
	8H	9.64	10.13	10.11	10.58	11.06	11.08	11.58	11.56	12.03	12.50
	12H	9.67	10.10	10.16	10.59	11.06	11.30	11.73	11.79	12.22	12.69
8H	4H	9.57	10.06	10.05	10.51	10.99	10.49	10.99	10.97	11.44	11.91
	6H	9.92	10.31	10.43	10.81	11.30	11.09	11.49	11.60	11.99	12.47
	8H	10.01	10.36	10.55	10.88	11.38	11.36	11.71	11.89	12.23	12.73
	12H	10.62	10.92	11.14	11.42	12.00	12.10	12.40	12.62	12.90	13.48
12H	4H	9.57	9.99	10.06	10.48	10.96	10.46	10.89	10.95	11.38	11.85
	6H	10.25	10.29	10.48	10.76	11.31	11.38	11.43	11.62	11.90	12.45
	8H	10.07	10.37	10.60	10.87	11.45	11.38	11.68	11.91	12.18	12.76
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.5					0.2/-0.6					
S = 1.5H	0.8/-0.9					0.7/-0.7					
S = 2.0H	1.7/-1.1					1.0/-0.7					
标准表格	BK3					BK3					
更正系数	-1.7					-0.6					

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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	72563.07	70951.58	62126.76	48574.90	31899.82	18156.12	9461.75	5310.24	3905.94
30.0	75931.86	69040.82	55680.80	39143.85	22599.22	11917.35	6169.70	3913.62	2711.91
60.0	74404.78	66684.97	52465.50	35659.96	17864.51	9873.06	5375.47	3418.66	2533.11
90.0	74473.84	67728.61	54353.24	38292.06	21478.85	11387.86	6008.55	3944.31	2671.24
120.0	73752.51	66032.70	53010.33	36327.58	21317.71	11516.78	6184.28	3833.04	2745.67
150.0	74105.50	68311.81	55903.34	40003.31	25208.30	13797.42	7366.81	4443.11	3005.81
180.0	72563.07	66861.47	54706.24	38829.23	24471.62	13167.40	7122.78	4182.97	2836.99
210.0	75931.86	74987.98	67091.68	52503.87	35345.34	20803.56	10486.19	5846.64	3629.69
240.0	74404.78	74895.90	68127.64	54790.65	38284.39	22445.75	11671.79	6399.92	3898.27
270.0	74473.84	73514.62	65065.81	51621.38	34815.85	20297.10	10680.34	6165.87	3872.95
300.0	73752.51	73338.12	64735.84	51698.12	35122.80	21440.49	11748.53	6507.35	4074.77
330.0	74105.50	71711.29	62027.00	47937.98	31592.87	14860.24	9578.39	5601.84	3606.67
360.0	72563.07	70951.58	62126.76	48574.90	31899.82	18156.12	9461.75	5310.24	3905.94
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2492.44	1939.93	1583.10	1311.45	1113.46	961.52	838.74	738.98	654.57
30.0	2096.47	1685.16	1380.51	1159.51	986.85	863.30	757.40	669.92	596.25
60.0	1956.81	1518.41	1321.73	1111.47	952.85	831.22	734.76	652.19	581.90
90.0	2090.33	1687.46	1388.18	1161.04	1002.19	875.58	768.91	679.90	602.39
120.0	2107.98	1704.34	1408.98	1188.51	1022.22	897.75	785.64	694.25	620.04
150.0	2283.71	1797.96	1486.41	1239.31	1058.98	926.99	808.81	713.66	626.95
180.0	2144.82	1745.78	1447.12	1211.69	1040.02	910.41	794.31	698.24	619.27
210.0	2645.15	2068.85	1700.51	1404.45	1181.07	1024.14	888.93	779.58	689.41
240.0	2810.90	2156.33	1764.20	1449.57	1215.52	1042.86	907.81	791.93	699.85
270.0	2770.99	2140.21	1731.20	1428.09	1214.53	1049.31	914.48	806.51	709.90
300.0	2900.68	2206.21	1780.31	1474.90	1231.64	1062.05	930.06	811.12	715.96
330.0	2592.20	2057.34	1670.58	1394.48	1175.31	1015.32	881.33	777.74	687.26
360.0	2492.44	1939.93	1583.10	1311.45	1113.46	961.52	838.74	738.98	654.57
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	583.97	521.05	470.40	423.59	388.29	352.46	324.98	300.73	277.64
30.0	533.33	482.68	435.87	396.73	363.74	336.80	310.56	288.38	268.20
60.0	521.89	474.62	430.88	391.67	360.74	334.04	309.02	285.69	266.66
90.0	536.40	481.91	439.71	398.27	366.65	337.34	311.09	288.30	267.28
120.0	553.51	497.34	449.15	409.01	373.79	344.71	318.84	293.52	272.11
150.0	556.35	501.86	449.68	402.87	368.80	341.25	314.16	289.30	264.44
180.0	546.91	492.43	444.39	399.50	361.82	332.81	308.33	282.39	260.52
210.0	613.98	547.60	493.58	442.16	398.88	362.82	334.50	308.41	284.85
240.0	623.88	554.05	499.56	448.15	402.11	367.11	337.49	308.95	284.85
270.0	626.79	552.51	491.43	436.18	393.51	360.59	330.82	305.11	278.86
300.0	636.92	565.56	505.70	456.59	409.78	373.94	341.64	313.17	287.38
330.0	608.07	546.22	490.20	441.47	398.88	363.89	333.50	307.03	284.62
360.0	583.97	521.05	470.40	423.59	388.29	352.46	324.98	300.73	277.64
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	259.37	243.64	227.91	213.41	198.52	185.17	170.97	156.62	142.66
30.0	251.93	237.73	222.85	209.19	195.30	181.48	167.06	153.01	137.44
60.0	249.55	234.20	217.01	197.06	175.81	157.77	140.28	123.62	107.89
90.0	247.71	225.46	204.12	185.09	168.29	153.01	136.59	119.48	102.37
120.0	253.62	237.27	219.47	198.52	177.57	158.00	140.28	123.24	107.28
150.0	243.95	226.91	215.63	202.82	186.93	175.50	164.06	148.26	132.14
180.0	243.41	228.75	215.63	201.21	184.71	171.97	158.69	143.58	129.69
210.0	265.21	248.25	232.98	216.02	202.13	187.85	173.50	158.31	142.35
240.0	262.83	243.26	223.23	199.29	178.95	161.15	145.26	129.07	113.34
270.0	251.01	225.61	203.66	185.70	169.36	154.32	137.44	121.78	104.90
300.0	265.28	246.86	225.99	202.43	179.18	161.92	144.80	128.54	113.26
330.0	264.67	249.24	233.51	217.09	202.82	188.39	173.12	158.08	142.89
360.0	259.37	243.64	227.91	213.41	198.52	185.17	170.97	156.62	142.66

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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	128.77	113.88	99.53	85.41	69.22	54.33	39.60	25.55	12.97
30.0	120.71	101.06	78.27	61.62	45.20	32.84	23.64	7.67	3.38
60.0	91.09	75.28	61.93	54.33	34.84	18.88	14.73	6.52	4.07
90.0	87.17	73.05	64.84	50.11	31.39	20.11	15.42	7.14	4.45
120.0	90.01	74.44	58.40	50.42	30.85	17.27	13.58	6.06	3.84
150.0	116.72	94.92	73.90	57.94	41.44	29.54	19.72	7.06	3.15
180.0	116.03	100.83	86.41	70.52	55.94	43.59	30.77	17.57	5.91
210.0	124.70	101.98	80.88	64.23	49.88	35.99	27.24	8.13	3.76
240.0	96.61	81.50	68.07	58.78	43.82	23.02	12.97	8.29	3.76
270.0	90.09	76.66	68.45	51.49	32.00	17.42	13.97	6.22	3.91
300.0	96.46	81.50	66.76	57.09	42.90	22.64	12.58	8.13	3.68
330.0	124.01	100.14	79.65	62.39	47.50	34.46	25.78	8.21	4.22
360.0	128.77	113.88	99.53	85.41	69.22	54.33	39.60	25.55	12.97
C/γ(°)	90.0								
0.0	1.61								
30.0	0.46								
60.0	0.54								
90.0	0.54								
120.0	0.46								
150.0	0.61								
180.0	2.92								
210.0	1.23								
240.0	1.07								
270.0	1.07								
300.0	1.30								
330.0	1.53								
360.0	1.61								