

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G2013A-24-UN(60-OL-24WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210318008

电流(A): 0.1550

光源规格型号: OL

功率(W): 31.3000

每个光源光通量(lm)

功率因数: 0.9120

光源数量: 24

镇流器型号:

发光面长度(mm): 190

发光面宽度(mm): 190

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2451.75

灯具效能(lm/w): 78.33

中心光强(cd): 2434.884

最大光强(cd): 2446.395

最大光强角度: C=300.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=53.6

[C90/270]Total=53.4

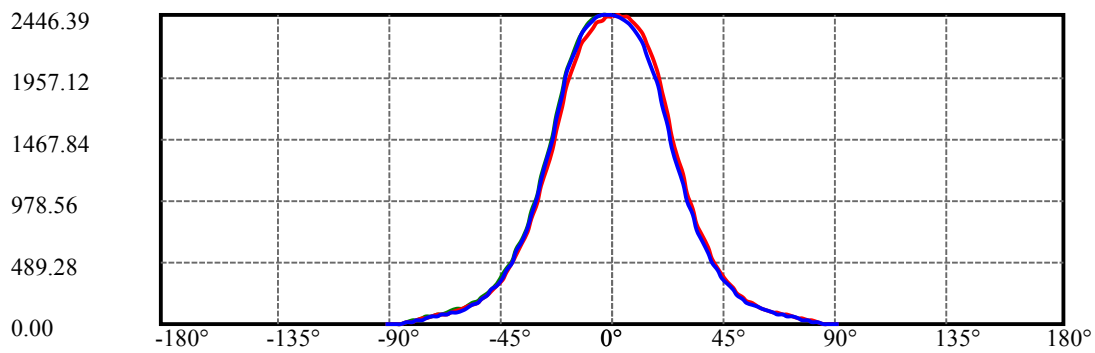
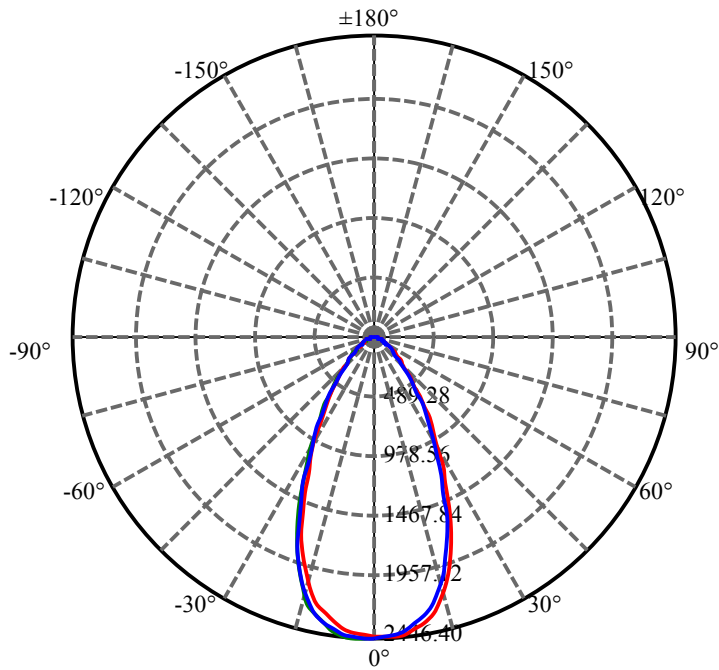
光束扩散角(10%Imax): [C0/180]Total=99.4

[C90/270]Total=98.5

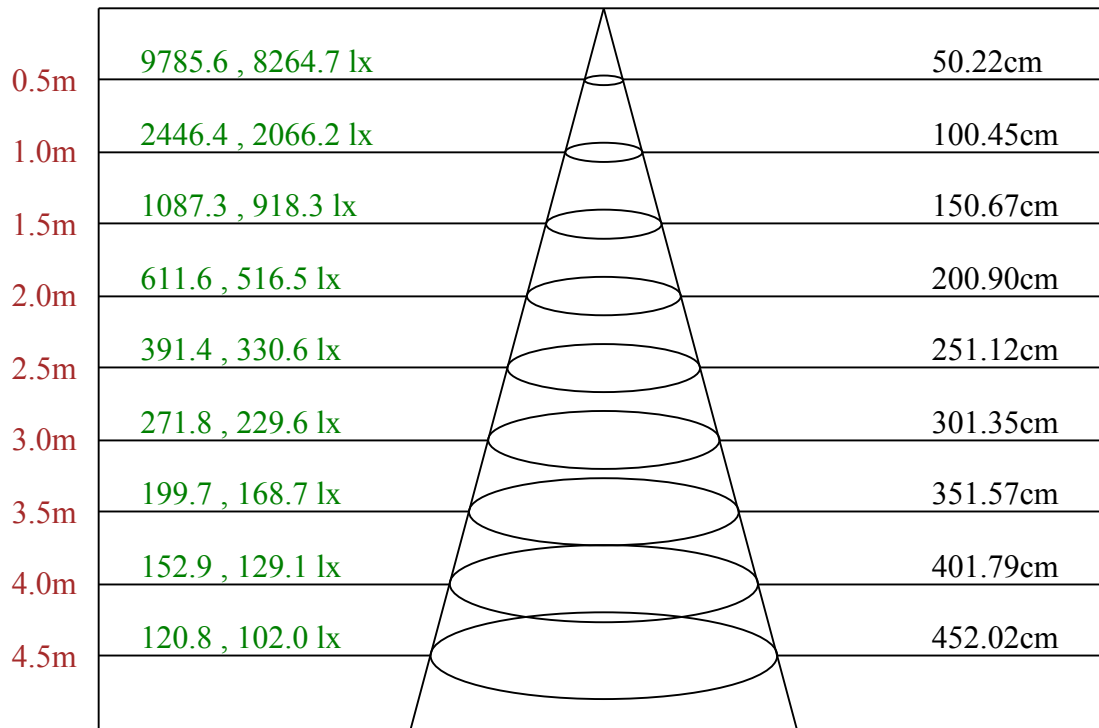
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/18
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

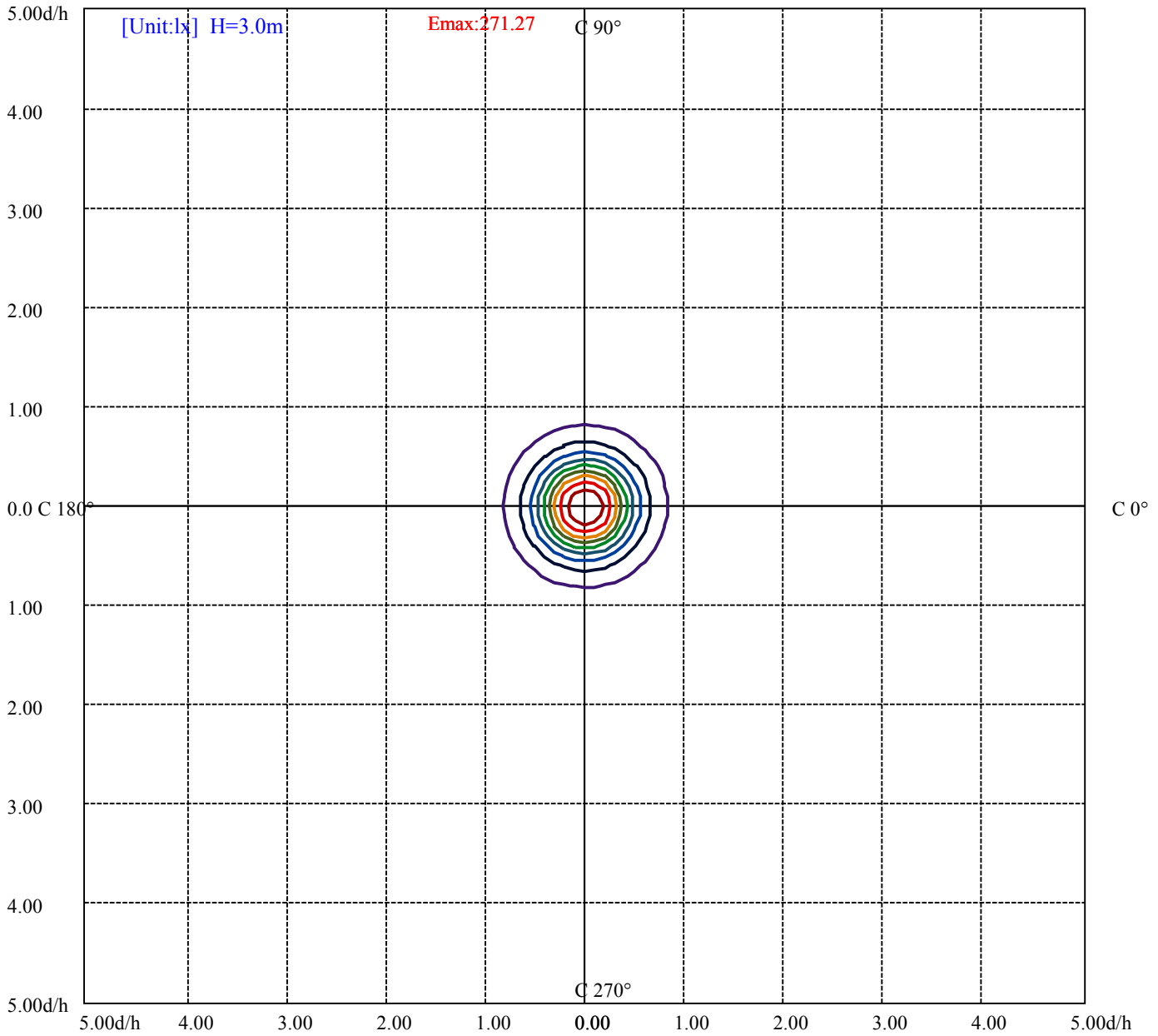


C300(Max): —
C0/C180: —
C90/C270: —



Max , Ave C300面光束角53.33

ROLED 地埋灯
平面等照度曲线



(10%Emax) 27.12678	—
(20%Emax) 54.25344	—
(30%Emax) 81.38022	—
(40%Emax) 108.507	—
(50%Emax) 135.6333	—
(60%Emax) 162.76	—
(70%Emax) 189.8867	—
(80%Emax) 217.0145	—
(90%Emax) 244.1411	—

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

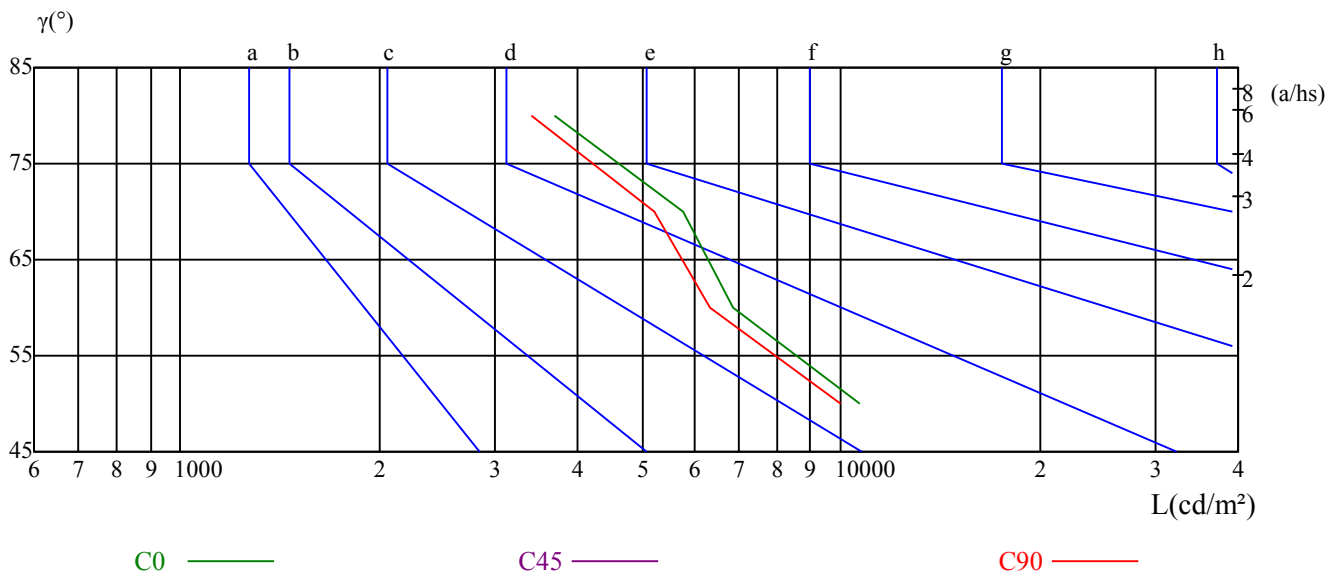
γ	45	50	55	60	65	70	75	80	85
C0	0	10698	0	6849	0	5761	0	3697	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10004	0	6347	0	5233	0	3391	0

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



测试设备: GMS1800
环境温度($^{\circ}\text{C}$): 25.0

测试日期: 2021/3/18
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

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	12.87	14.08	13.23	14.39	14.70	13.07	14.28	13.44	14.59	14.91
	3H	14.12	15.19	14.50	15.52	15.89	14.41	15.48	14.79	15.81	16.18
	4H	14.56	15.56	14.96	15.91	16.29	14.87	15.87	15.27	16.22	16.60
	6H	14.79	15.70	15.21	16.08	16.47	15.12	16.03	15.53	16.40	16.80
	8H	14.81	15.68	15.24	16.07	16.47	15.15	16.01	15.58	16.40	16.81
	12H	14.80	15.63	15.24	16.01	16.44	15.14	15.97	15.58	16.35	16.78
4H	2H	13.33	14.33	13.74	14.68	15.07	13.50	14.50	13.91	14.85	15.24
	3H	14.83	15.65	15.25	16.05	16.46	15.08	15.89	15.49	16.30	16.70
	4H	15.39	16.12	15.83	16.54	16.99	15.65	16.38	16.09	16.80	17.24
	6H	15.65	16.28	16.12	16.73	17.20	15.93	16.55	16.39	17.00	17.47
	8H	15.69	16.27	16.16	16.72	17.19	15.97	16.55	16.44	17.00	17.48
	12H	15.68	16.19	16.17	16.68	17.15	15.97	16.48	16.46	16.96	17.44
8H	4H	15.59	16.18	16.06	16.62	17.10	15.82	16.41	16.29	16.85	17.33
	6H	15.94	16.41	16.45	16.91	17.39	16.18	16.65	16.69	17.15	17.63
	8H	16.01	16.43	16.53	16.95	17.44	16.26	16.68	16.78	17.19	17.69
	12H	16.56	16.93	17.08	17.42	18.00	16.81	17.18	17.33	17.68	18.25
12H	4H	15.58	16.09	16.07	16.57	17.05	15.80	16.32	16.29	16.80	17.28
	6H	16.42	16.36	16.47	16.83	17.38	16.66	16.60	16.71	17.07	17.61
	8H	16.03	16.40	16.55	16.90	17.47	16.28	16.64	16.79	17.14	17.71
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.2					0.9/-1.2					
S = 1.5H	1.7/-1.7					1.8/-1.7					
S = 2.0H	3.6/-2.1					3.6/-2.0					
标准表格	BK2					BK2					
更正系数	1.6					1.9					

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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	2434.88	2439.49	2437.19	2427.98	2399.58	2357.38	2292.15	2216.18	2108.75
30.0	2441.79	2441.02	2437.19	2420.30	2387.31	2336.66	2270.67	2190.09	2077.29
60.0	2441.02	2434.88	2422.61	2401.12	2358.15	2303.66	2231.53	2139.44	2022.04
90.0	2441.02	2432.58	2416.47	2390.38	2351.24	2291.38	2224.62	2133.31	2012.83
120.0	2437.95	2425.68	2408.03	2378.10	2331.29	2272.20	2193.16	2098.01	1970.62
150.0	2440.26	2427.98	2411.86	2383.47	2342.03	2280.64	2212.35	2117.19	1995.94
180.0	2434.88	2424.14	2406.49	2380.40	2336.66	2280.64	2212.35	2124.10	2005.92
210.0	2441.79	2434.88	2423.37	2401.12	2364.29	2307.50	2239.20	2150.19	2037.38
240.0	2441.02	2440.26	2434.88	2419.54	2386.54	2339.73	2274.50	2197.00	2086.50
270.0	2441.02	2441.79	2441.02	2427.98	2399.58	2352.77	2292.15	2210.04	2102.61
300.0	2437.95	2446.39	2444.86	2437.95	2409.56	2364.29	2301.36	2226.16	2119.49
330.0	2440.26	2444.09	2444.09	2434.12	2404.96	2354.31	2288.32	2203.90	2097.24
360.0	2434.88	2439.49	2437.19	2427.98	2399.58	2357.38	2292.15	2216.18	2108.75
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1974.46	1831.73	1662.14	1494.85	1325.26	1180.99	1038.26	916.25	796.54
30.0	1951.44	1804.87	1642.18	1476.43	1315.28	1173.32	1034.42	913.94	797.30
60.0	1885.44	1733.50	1531.53	1425.32	1269.47	1132.34	997.44	873.04	761.47
90.0	1881.61	1728.13	1561.61	1398.16	1248.52	1105.02	973.03	858.69	750.49
120.0	1827.89	1669.04	1521.32	1359.56	1206.16	1073.56	944.03	825.85	720.72
150.0	1862.42	1705.88	1540.12	1375.91	1227.80	1085.84	962.29	843.35	735.91
180.0	1870.10	1709.71	1530.15	1385.19	1224.66	1088.29	956.15	833.22	726.63
210.0	1902.33	1756.52	1549.33	1420.95	1267.86	1113.62	977.48	854.47	746.96
240.0	1949.90	1806.40	1636.05	1466.46	1299.17	1151.83	1006.03	885.55	768.14
270.0	1968.32	1806.40	1630.67	1462.31	1301.78	1142.55	1001.43	872.51	759.63
300.0	1985.20	1838.63	1663.67	1491.78	1324.49	1166.41	1019.84	892.46	781.19
330.0	1962.95	1810.24	1643.72	1479.73	1313.21	1155.44	1021.76	893.15	780.34
360.0	1974.46	1831.73	1662.14	1494.85	1325.26	1180.99	1038.26	916.25	796.54
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	692.17	603.92	519.51	446.61	388.29	334.04	286.08	248.25	213.10
30.0	694.48	606.99	524.12	451.22	389.06	337.42	290.22	251.78	216.63
60.0	666.54	577.45	502.55	433.26	372.33	319.77	276.79	238.12	205.66
90.0	656.87	564.02	489.59	421.29	366.12	313.78	268.81	232.13	198.90
120.0	632.55	548.60	478.23	413.08	355.76	306.57	266.05	229.45	198.75
150.0	646.90	556.35	484.98	418.99	364.96	314.24	270.88	235.66	204.20
180.0	636.69	551.28	479.38	413.54	355.91	306.03	263.52	227.91	196.60
210.0	649.66	566.63	487.44	421.06	362.51	312.78	269.66	232.51	201.90
240.0	664.55	580.14	495.72	429.73	389.83	320.84	274.95	238.58	205.12
270.0	658.87	573.00	487.82	422.44	362.20	308.79	266.59	227.76	195.83
300.0	676.06	591.65	508.77	436.64	387.52	326.67	280.17	243.33	209.57
330.0	679.05	588.73	510.46	441.24	380.54	326.06	283.09	244.10	211.18
360.0	692.17	603.92	519.51	446.61	388.29	334.04	286.08	248.25	213.10
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	183.79	160.00	139.82	123.62	109.66	97.00	85.87	78.20	71.14
30.0	187.70	164.45	146.19	130.30	116.95	105.97	94.54	83.87	73.90
60.0	179.95	158.08	140.35	125.70	113.57	102.44	91.16	80.27	70.45
90.0	170.97	148.56	130.30	114.57	102.44	90.17	78.96	71.14	64.61
120.0	174.58	154.01	137.21	123.47	112.04	101.29	90.32	79.50	70.06
150.0	177.72	156.47	140.28	126.16	114.72	103.90	93.16	82.11	72.59
180.0	171.82	150.41	132.37	117.87	105.51	93.08	82.65	75.59	68.53
210.0	175.96	155.09	137.97	125.01	112.73	101.60	91.39	80.27	71.29
240.0	177.88	156.77	138.90	125.16	112.80	101.98	90.24	79.04	69.98
270.0	168.44	145.80	126.08	112.19	98.68	86.10	76.51	69.45	62.31
300.0	181.71	160.92	141.50	127.38	114.57	103.29	91.32	80.04	70.98
330.0	183.63	160.92	142.27	127.84	114.72	103.14	92.39	81.27	72.36
360.0	183.79	160.00	139.82	123.62	109.66	97.00	85.87	78.20	71.14

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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	61.85	51.57	40.67	33.30	23.17	12.51	3.30	2.23	0.69
30.0	65.99	56.63	44.81	31.92	24.71	15.19	5.45	1.76	0.77
60.0	63.31	54.18	42.51	30.70	23.87	13.51	4.68	1.61	0.69
90.0	57.02	48.04	37.60	31.08	21.26	12.66	2.61	1.76	0.84
120.0	63.16	54.18	42.28	30.62	23.56	13.43	4.37	1.53	0.69
150.0	64.77	55.02	43.59	31.31	24.48	14.20	4.76	1.76	0.77
180.0	58.93	47.96	38.75	30.70	21.33	10.13	2.92	1.76	0.61
210.0	63.31	52.57	38.98	29.93	21.33	11.36	2.76	1.61	0.61
240.0	62.92	53.95	40.52	30.39	22.41	12.35	3.38	1.61	0.61
270.0	54.18	43.89	35.61	28.24	19.03	9.13	2.84	1.69	0.54
300.0	63.31	54.48	41.28	30.93	23.10	13.12	3.68	1.69	0.61
330.0	64.77	54.25	40.90	30.70	22.79	12.35	3.38	1.76	0.61
360.0	61.85	51.57	40.67	33.30	23.17	12.51	3.30	2.23	0.69
C/γ(°)	90.0								
0.0	0.31								
30.0	0.31								
60.0	0.31								
90.0	0.38								
120.0	0.31								
150.0	0.23								
180.0	0.23								
210.0	0.15								
240.0	0.23								
270.0	0.08								
300.0	0.23								
330.0	0.23								
360.0	0.31								