

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2226A1-32-36DC-RC-Y(25-CL-32RGBWN-C, CT)

报告编号:

电压(V): 35.7000

测试编号: 20210303011

电流(A): 1.5250

光源规格型号: CL

功率(W): 54.5000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 32

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 160

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2905.94

灯具效能(lm/w): 53.32

中心光强(cd): 7977.641

最大光强(cd): 8140.325

最大光强角度: C=30.0 $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=26.6

[C90/270]Total=26.2

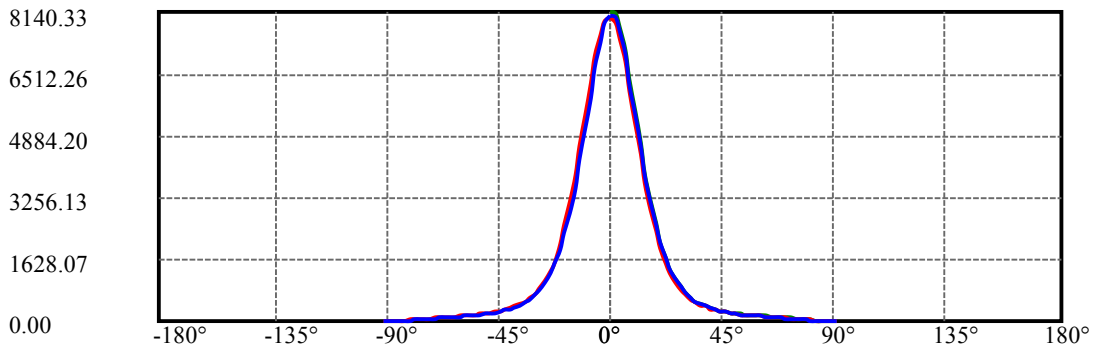
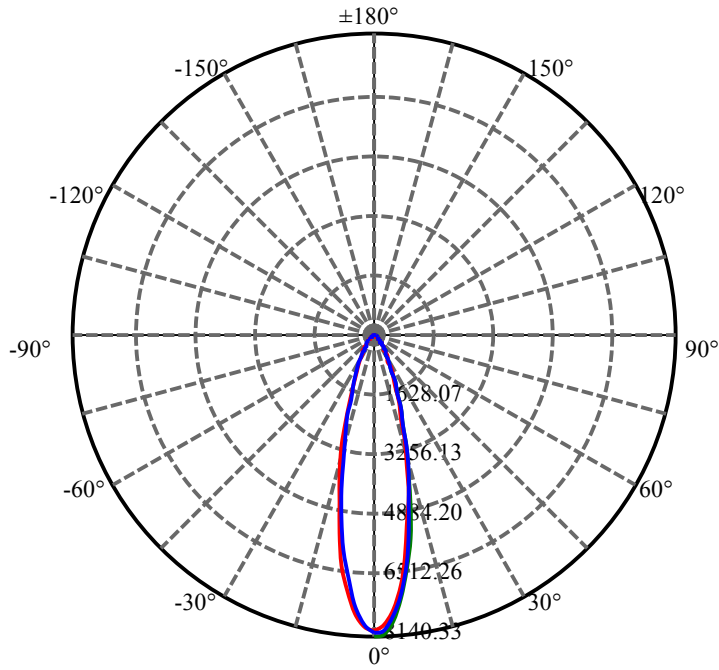
光束扩散角(10%Imax): [C0/180]Total=57.4

[C90/270]Total=57.7

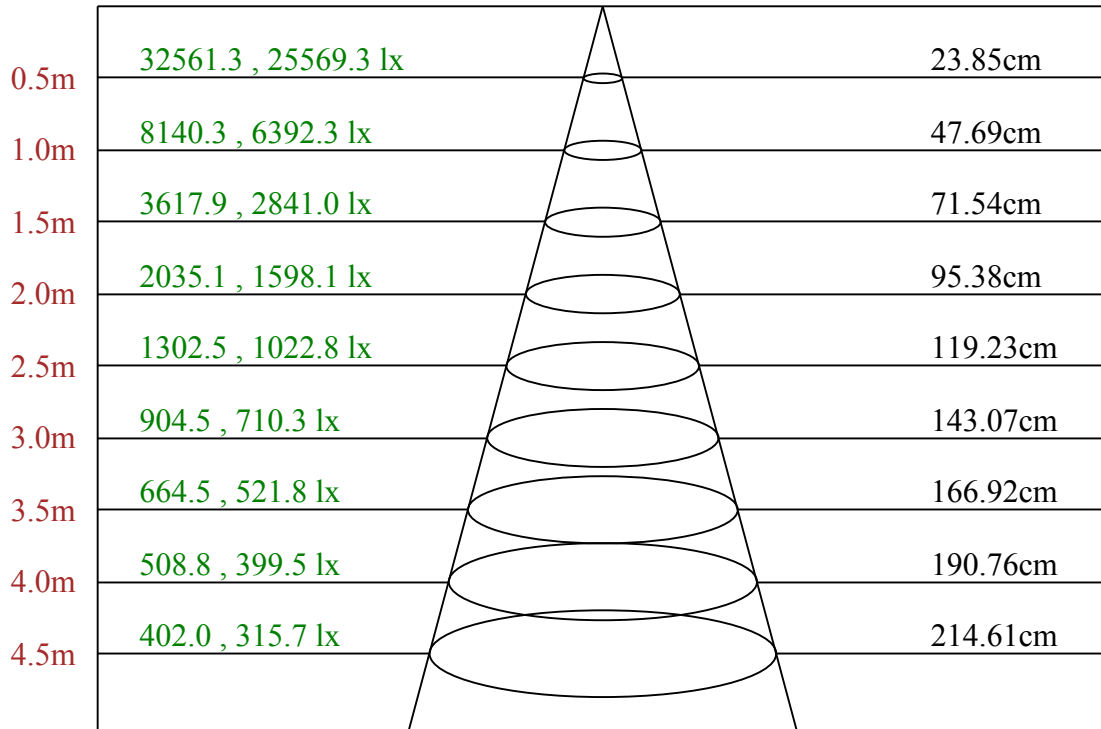
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/3
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

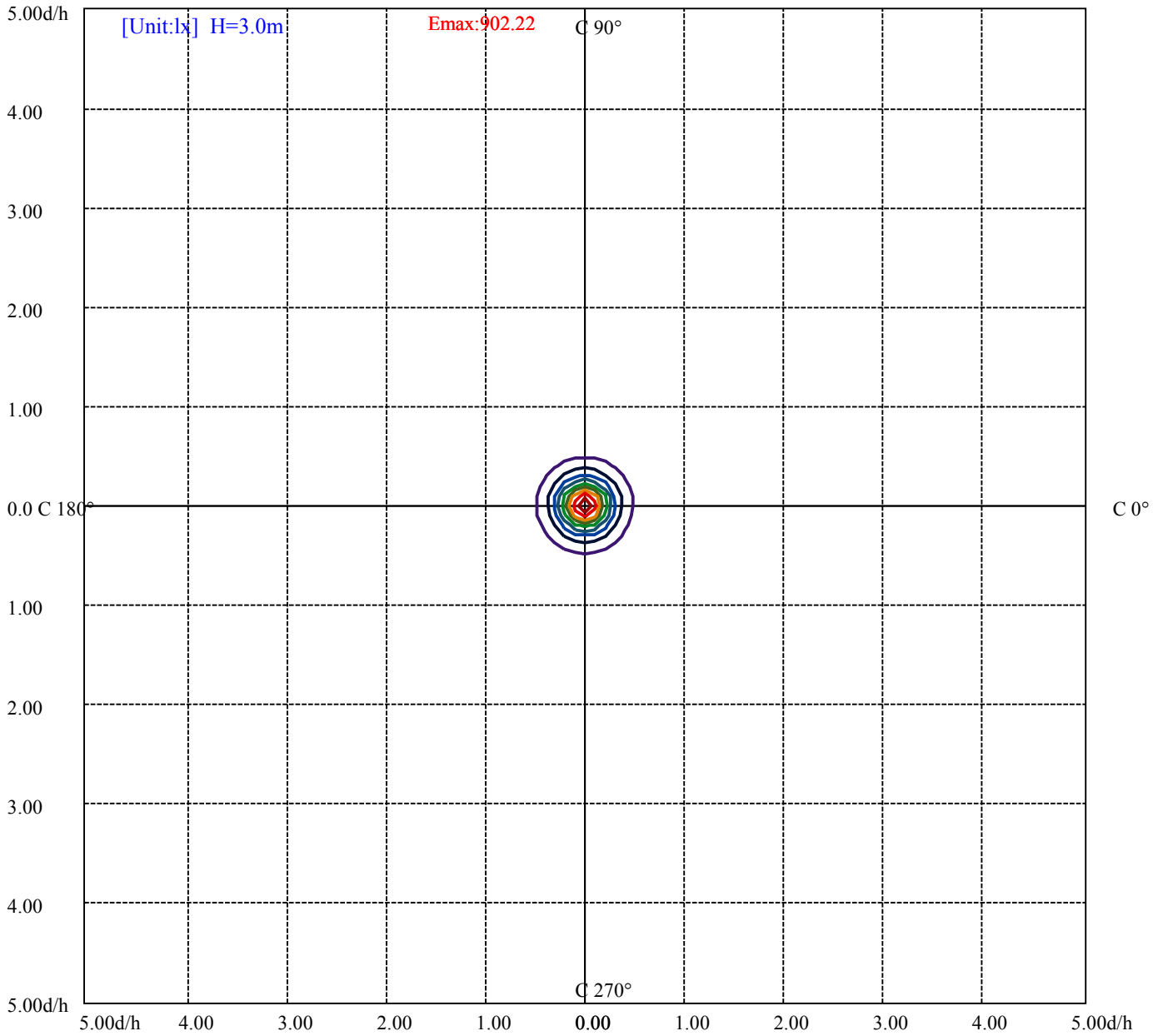


C30(Max): ————
C0/C180: ————
C90/C270: ————



Max , Ave C30面光束角26.82

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平面等照度曲线



(10%Emax) 90.222	—
(20%Emax) 180.4444	—
(30%Emax) 270.6656	—
(40%Emax) 360.8878	—
(50%Emax) 451.11	—
(60%Emax) 541.3323	—
(70%Emax) 631.5544	—
(80%Emax) 721.7756	—
(90%Emax) 811.9978	—

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

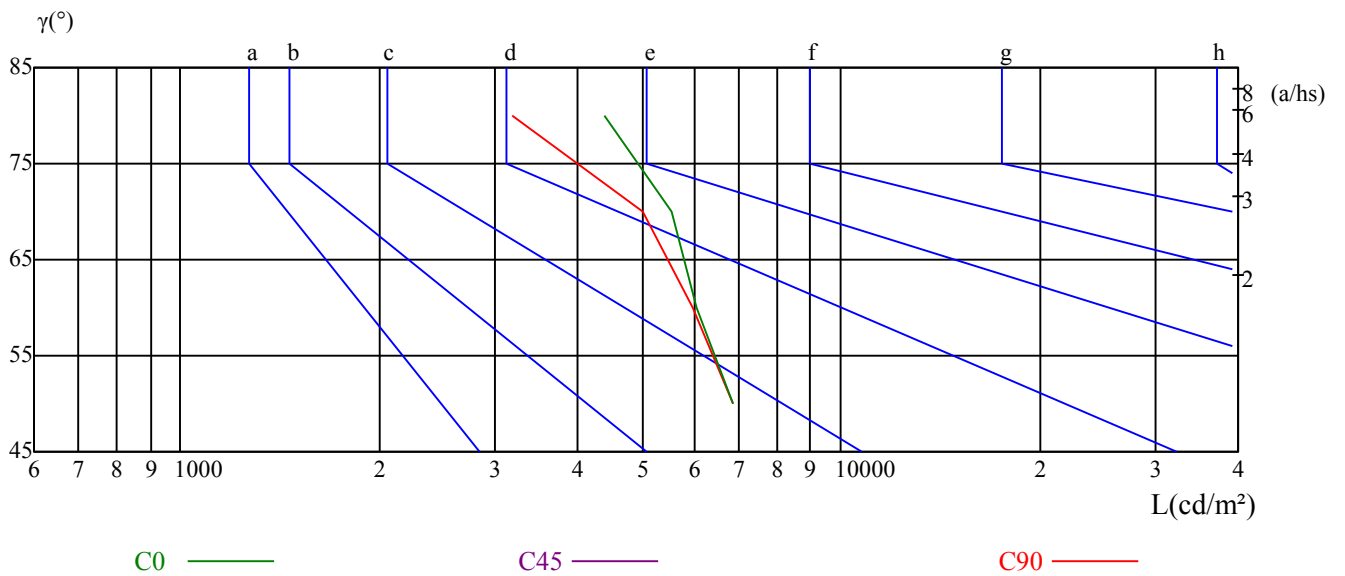
γ	45	50	55	60	65	70	75	80	85
C0	0	6892	0	6054	0	5547	0	4399	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6889	0	5979	0	5017	0	3181	0

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	11.11	12.24	11.48	12.55	12.87	11.25	12.38	11.61	12.69	13.00
	3H	12.67	13.67	13.05	14.00	14.37	13.01	14.01	13.39	14.35	14.71
	4H	13.19	14.12	13.60	14.47	14.86	13.66	14.59	14.06	14.94	15.33
	6H	13.43	14.29	13.85	14.66	15.05	14.07	14.92	14.49	15.30	15.69
	8H	13.45	14.25	13.88	14.65	15.05	14.16	14.97	14.59	15.36	15.77
	12H	13.43	14.20	13.87	14.59	15.02	14.22	14.99	14.65	15.37	15.80
4H	2H	11.69	12.63	12.10	12.98	13.36	11.80	12.73	12.21	13.08	13.47
	3H	13.44	14.20	13.85	14.61	15.01	13.79	14.55	14.20	14.96	15.36
	4H	14.07	14.75	14.50	15.17	15.62	14.54	15.23	14.98	15.65	16.10
	6H	14.33	14.92	14.80	15.37	15.84	14.97	15.55	15.43	16.00	16.47
	8H	14.36	14.90	14.83	15.35	15.83	15.08	15.63	15.55	16.08	16.55
8H	12H	14.34	14.82	14.83	15.30	15.78	15.14	15.61	15.63	16.10	16.58
	4H	14.30	14.85	14.78	15.30	15.77	14.73	15.27	15.20	15.72	16.20
	6H	14.64	15.08	15.14	15.58	16.06	15.24	15.68	15.75	16.18	16.66
	8H	14.69	15.08	15.22	15.60	16.09	15.40	15.79	15.93	16.31	16.80
12H	12H	15.27	15.61	15.79	16.11	16.68	16.00	16.34	16.52	16.84	17.41
	4H	14.29	14.77	14.78	15.26	15.73	14.70	15.18	15.19	15.66	16.14
	6H	15.05	15.04	15.18	15.51	16.05	15.63	15.62	15.76	16.09	16.64
	8H	14.73	15.06	15.25	15.56	16.14	15.42	15.75	15.94	16.25	16.83
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.6					0.4/-0.6					
S = 1.5H	1.0/-0.9					1.0/-0.8					
S = 2.0H	2.2/-1.2					1.7/-1.0					
标准表格	BK3					BK3					
更正系数	0.5					0.8					

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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	7977.64	7831.07	7419.76	6801.25	6066.87	5209.72	4387.86	3618.18	2951.33
30.0	8140.32	8087.38	7738.99	7140.43	6386.10	5578.82	4716.29	3905.18	3207.63
60.0	8099.65	7988.38	7585.51	6914.06	6168.17	5314.85	4519.84	3728.68	3020.39
90.0	8050.54	7985.31	7611.60	7032.23	6237.23	5436.86	4601.19	3863.74	3155.45
120.0	8022.15	7917.79	7545.61	6950.12	6201.17	5365.49	4584.30	3808.49	3107.11
150.0	7990.69	7928.53	7603.93	7083.65	6382.27	5571.92	4735.48	3981.15	3254.44
180.0	7977.64	7872.51	7517.98	6959.33	6267.16	5429.95	4594.28	3841.48	3118.62
210.0	8140.32	7922.39	7484.22	6795.11	6019.30	5155.23	4320.33	3572.14	2889.94
240.0	8099.65	7921.62	7473.47	6822.74	6070.71	5162.91	4382.48	3612.81	2950.56
270.0	8050.54	7815.72	7325.37	6687.68	5881.94	5040.89	4234.38	3513.81	2855.41
300.0	8022.15	7847.95	7395.97	6760.58	6034.64	5194.37	4384.79	3625.85	2972.81
330.0	7990.69	7786.56	7333.05	6726.82	5944.09	5104.59	4291.17	3559.86	2887.64
360.0	7977.64	7831.07	7419.76	6801.25	6066.87	5209.72	4387.86	3618.18	2951.33
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2377.33	1925.35	1536.29	1241.61	1006.80	826.46	684.50	573.23	487.28
30.0	2579.15	2091.87	1675.95	1347.51	1091.21	898.60	738.98	614.67	521.05
60.0	2461.74	1978.30	1531.30	1291.95	1058.75	863.84	720.49	600.32	505.47
90.0	2546.92	2076.52	1677.48	1360.56	1105.79	907.81	745.89	620.04	526.42
120.0	2540.78	2044.29	1586.17	1335.62	1094.12	891.38	741.82	611.21	517.36
150.0	2625.96	2134.84	1710.48	1390.49	1113.46	916.25	753.56	625.41	529.49
180.0	2510.09	2003.62	1522.47	1306.69	1067.88	870.28	719.72	601.32	512.15
210.0	2351.24	1880.07	1521.48	1233.48	1011.02	830.53	690.10	581.67	492.81
240.0	2381.94	1917.67	1553.94	1259.26	1024.45	834.91	699.08	584.74	495.72
270.0	2311.34	1881.61	1520.94	1262.26	1020.84	833.83	690.10	578.99	489.43
300.0	2406.49	1959.88	1570.05	1270.77	1030.59	837.21	697.54	580.14	489.59
330.0	2355.08	1883.14	1518.71	1226.27	988.61	816.49	674.14	564.56	475.39
360.0	2377.33	1925.35	1536.29	1241.61	1006.80	826.46	684.50	573.23	487.28
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	421.29	387.52	324.75	289.91	259.60	233.67	211.41	191.38	174.96
30.0	442.78	389.06	331.97	292.91	259.60	234.13	212.10	193.92	179.64
60.0	431.19	373.79	324.52	285.31	254.77	228.45	207.19	189.54	175.50
90.0	447.38	387.52	337.34	294.83	260.22	233.59	210.34	191.31	176.19
120.0	439.48	379.31	327.52	286.08	253.85	226.07	203.74	185.24	170.66
150.0	447.38	389.06	334.88	291.99	257.22	230.60	207.50	189.54	174.04
180.0	440.09	382.92	336.80	296.97	265.13	235.89	214.10	194.07	177.65
210.0	425.51	363.28	319.77	282.16	250.63	227.14	206.73	190.08	175.81
240.0	425.13	377.32	320.99	282.93	251.39	225.15	205.35	187.85	173.12
270.0	419.37	363.35	316.47	278.40	246.02	221.93	200.98	183.94	169.21
300.0	416.69	358.90	309.79	273.49	241.80	215.71	196.14	178.95	164.37
330.0	405.25	346.85	303.96	267.35	236.43	213.79	194.07	177.19	164.37
360.0	421.29	387.52	324.75	289.91	259.60	233.67	211.41	191.38	174.96
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	161.61	150.25	140.12	130.76	121.25	111.19	101.68	91.62	81.96
30.0	166.75	155.85	146.34	137.67	128.84	120.48	111.19	101.06	90.24
60.0	162.99	152.09	142.81	133.37	124.24	114.11	103.21	91.01	79.50
90.0	162.53	150.56	139.51	129.15	117.79	106.67	95.23	84.49	74.13
120.0	157.77	147.26	137.28	127.54	118.25	108.20	97.38	85.72	75.36
150.0	160.92	150.25	139.89	129.92	120.17	110.81	101.98	91.32	78.96
180.0	162.38	149.41	139.13	129.69	119.56	109.27	99.99	89.94	80.11
210.0	163.76	153.40	143.96	134.90	125.70	117.41	107.66	96.77	86.48
240.0	161.46	150.71	140.81	131.53	122.63	112.11	101.37	89.17	77.43
270.0	156.62	145.03	134.83	124.24	112.04	101.60	90.63	80.04	70.37
300.0	152.48	142.35	132.83	124.01	114.80	104.59	93.62	82.65	72.44
330.0	152.78	142.42	133.52	125.54	116.95	109.04	100.22	90.24	80.73
360.0	161.61	150.25	140.12	130.76	121.25	111.19	101.68	91.62	81.96

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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	72.59	63.85	53.26	42.21	33.00	22.18	11.89	1.69	0.84
30.0	79.35	69.22	58.70	46.20	32.08	22.71	11.66	3.38	0.92
60.0	68.53	58.09	49.27	36.53	23.94	14.04	3.99	1.84	0.92
90.0	64.46	55.79	44.51	33.23	23.87	12.28	2.76	2.07	1.07
120.0	65.53	55.94	47.50	35.76	23.48	13.58	3.99	1.61	0.84
150.0	70.45	59.93	45.74	33.84	28.70	20.49	10.36	2.99	0.92
180.0	70.75	60.93	50.72	40.90	32.08	21.33	12.12	4.22	0.92
210.0	76.05	65.07	54.48	39.75	27.40	18.34	7.83	1.69	0.69
240.0	66.84	56.56	48.34	34.61	22.87	12.43	2.61	1.76	0.92
270.0	61.24	51.57	38.98	28.70	18.26	8.44	2.46	1.76	0.69
300.0	63.23	54.18	45.74	32.84	21.18	10.82	2.30	1.69	0.77
330.0	70.98	60.70	49.42	37.68	26.09	16.73	6.98	1.46	0.69
360.0	72.59	63.85	53.26	42.21	33.00	22.18	11.89	1.69	0.84

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