

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: U1034A-18-12DC (20-OL-18WN-AJ, CT)

报告编号:

电压(V): 220.6000

测试编号: 20210318005

电流(A): 0.1550

光源规格型号: OL

功率(W): 31.6000

每个光源光通量(lm)

功率因数: 0.9210

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): 2505.64

灯具效能(lm/w): 79.29

中心光强(cd): 3322.738

最大光强(cd): 3333.481

最大光强角度: $C=60.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=42.9

[C90/270]Total=43.1

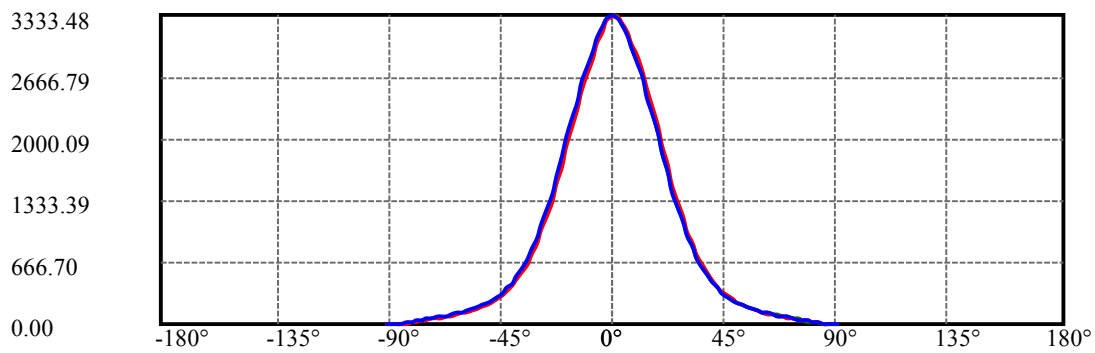
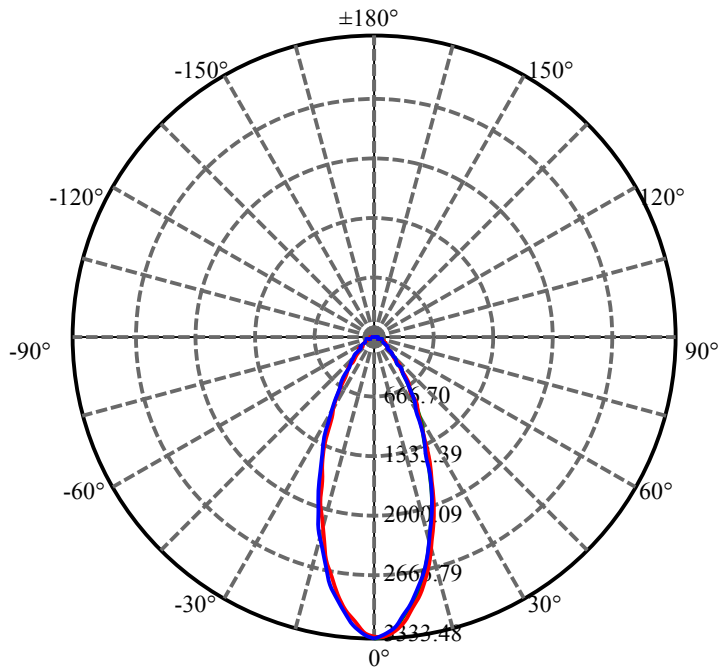
光束扩散角(10%Imax): [C0/180]Total=87.8

[C90/270]Total=88.4

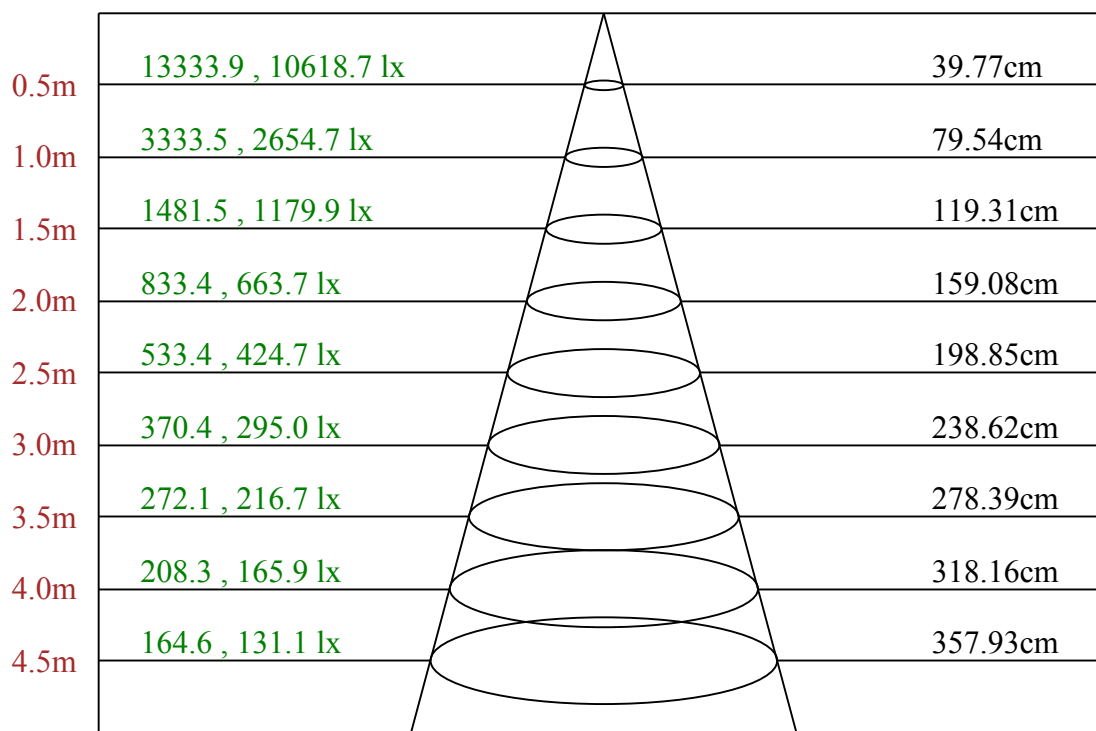
测试设备: GMS1800
环境温度(°C): 25.0

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

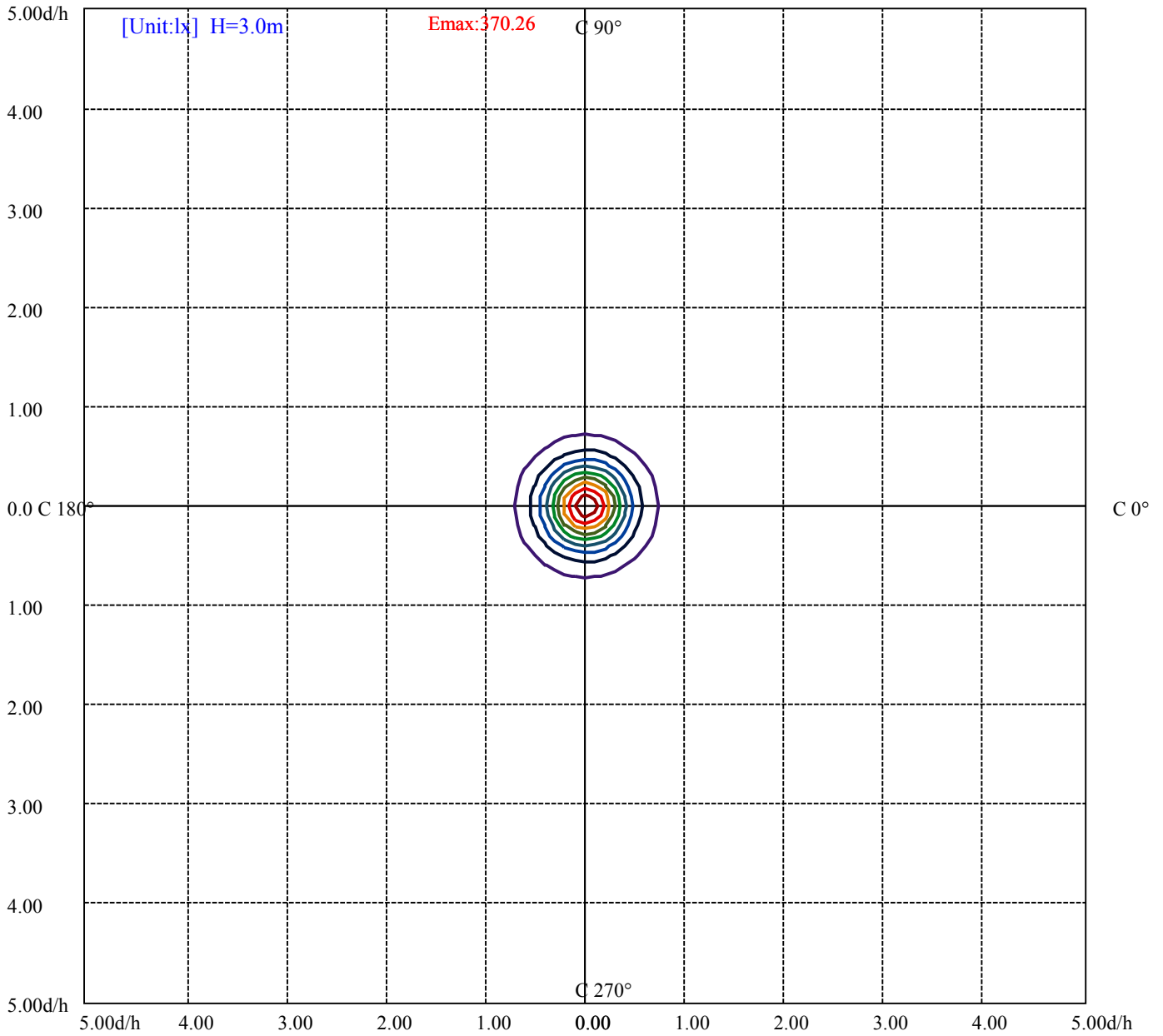


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角43.37

ROLED 地埋灯
平面等照度曲线



(10%Emax) 37.02589	——
(20%Emax) 74.05178	——
(30%Emax) 111.0777	——
(40%Emax) 148.1033	——
(50%Emax) 185.1289	——
(60%Emax) 222.1556	——
(70%Emax) 259.1811	——
(80%Emax) 296.2067	——
(90%Emax) 333.2333	——

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

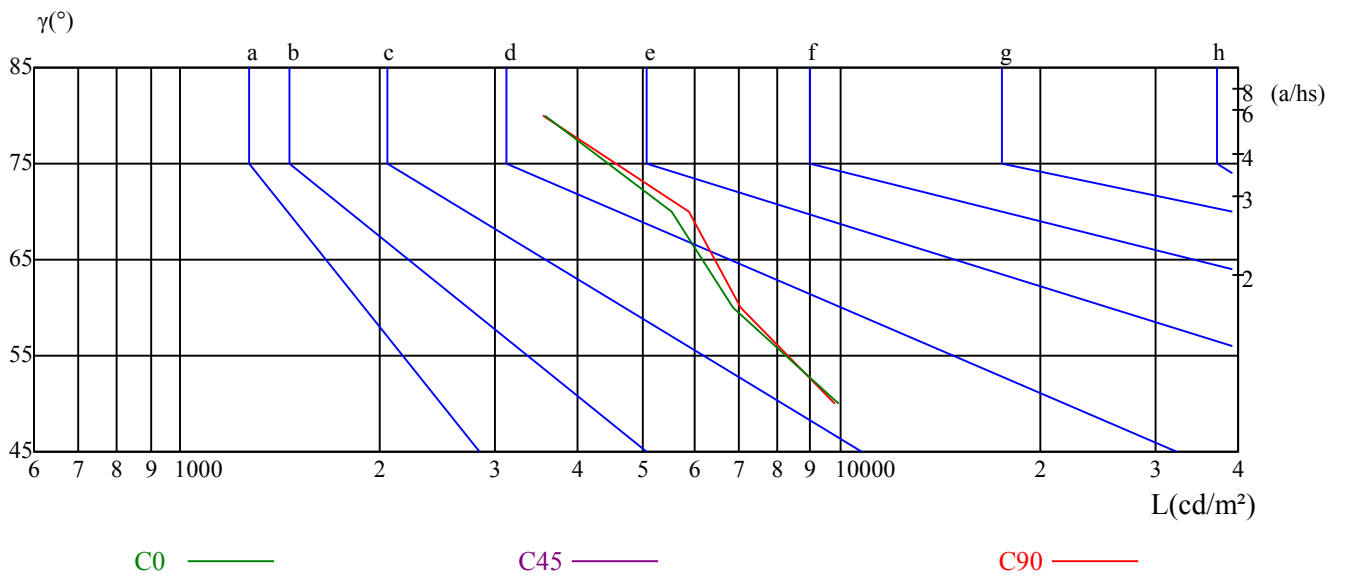
γ	45	50	55	60	65	70	75	80	85
C0	0	9928	0	6862	0	5538	0	3562	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9802	0	7053	0	5898	0	3538	0

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	13.15	14.34	13.51	14.65	14.97	13.00	14.19	13.37	14.51	14.82
	3H	14.53	15.59	14.92	15.92	16.29	14.26	15.32	14.64	15.65	16.01
	4H	14.99	15.98	15.40	16.33	16.71	14.68	15.66	15.08	16.01	16.40
	6H	15.23	16.13	15.65	16.50	16.90	14.88	15.78	15.30	16.16	16.55
	8H	15.25	16.11	15.69	16.50	16.90	14.90	15.75	15.33	16.14	16.55
	12H	15.25	16.06	15.68	16.44	16.88	14.89	15.70	15.32	16.08	16.52
4H	2H	13.61	14.59	14.01	14.94	15.33	13.49	14.47	13.90	14.83	15.21
	3H	15.21	16.02	15.63	16.42	16.83	14.98	15.78	15.39	16.19	16.59
	4H	15.78	16.50	16.21	16.92	17.36	15.51	16.23	15.94	16.65	17.09
	6H	16.04	16.66	16.51	17.11	17.58	15.75	16.36	16.21	16.81	17.28
	8H	16.08	16.66	16.55	17.11	17.58	15.77	16.35	16.25	16.80	17.27
	12H	16.07	16.58	16.56	17.06	17.54	15.76	16.26	16.25	16.75	17.23
8H	4H	15.94	16.52	16.41	16.96	17.44	15.70	16.27	16.17	16.72	17.19
	6H	16.28	16.75	16.79	17.25	17.73	16.02	16.48	16.52	16.98	17.46
	8H	16.35	16.76	16.88	17.28	17.78	16.08	16.49	16.60	17.01	17.50
	12H	16.93	17.29	17.45	17.79	18.36	16.66	17.02	17.18	17.51	18.09
12H	4H	15.92	16.42	16.41	16.91	17.38	15.68	16.18	16.17	16.67	17.15
	6H	16.74	16.69	16.81	17.16	17.70	16.48	16.43	16.55	16.90	17.44
	8H	16.37	16.73	16.89	17.22	17.80	16.10	16.46	16.62	16.95	17.53
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.0					0.8/-1.0					
S = 1.5H	1.5/-1.4					1.6/-1.5					
S = 2.0H	3.3/-1.8					3.4/-1.9					
标准表格	BK3					BK3					
更正系数	2.1					2.2					

ROLED 地埋灯

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	3322.74	3319.67	3253.67	3153.92	3031.90	2892.24	2711.14	2538.48	2340.50
30.0	3331.18	3327.34	3271.32	3172.33	3055.69	2902.22	2737.23	2543.85	2335.89
60.0	3333.48	3308.93	3232.96	3126.29	2988.93	2840.06	2662.79	2476.32	2270.67
90.0	3330.41	3301.25	3219.91	3100.97	2972.05	2810.90	2643.61	2452.53	2249.18
120.0	3326.57	3276.70	3183.84	3066.43	2917.56	2754.11	2567.64	2362.75	2160.93
150.0	3328.11	3276.70	3176.94	3059.53	2909.89	2735.70	2558.43	2358.15	2147.89
180.0	3322.74	3262.88	3147.01	3021.16	2865.38	2698.09	2510.85	2319.01	2104.14
210.0	3331.18	3279.00	3180.77	3054.16	2912.19	2734.16	2543.08	2338.96	2134.84
240.0	3333.48	3295.11	3208.40	3094.83	2954.40	2785.57	2596.80	2411.10	2203.14
270.0	3330.41	3289.74	3202.26	3081.01	2939.05	2779.44	2600.64	2409.56	2214.65
300.0	3326.57	3308.16	3233.72	3133.20	3005.04	2856.94	2666.63	2484.00	2278.34
330.0	3328.11	3306.62	3235.26	3133.20	3009.65	2854.64	2677.37	2486.30	2289.08
360.0	3322.74	3319.67	3253.67	3153.92	3031.90	2892.24	2711.14	2538.48	2340.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2137.14	1926.11	1712.78	1513.27	1324.49	1149.53	990.68	862.53	739.75
30.0	2132.54	1913.84	1698.97	1505.59	1316.05	1141.86	987.61	856.39	735.15
60.0	2059.64	1843.24	1645.25	1454.41	1268.32	1108.47	958.45	824.47	708.13
90.0	2050.43	1837.87	1629.91	1431.92	1256.96	1091.98	953.85	821.86	704.45
120.0	1950.67	1738.11	1527.39	1366.24	1189.66	1038.72	897.29	771.14	662.09
150.0	1939.93	1742.71	1541.66	1353.65	1186.36	1027.52	893.99	770.45	660.71
180.0	1909.23	1699.74	1510.35	1332.78	1158.35	1009.94	872.51	749.80	644.29
210.0	1925.35	1716.62	1530.38	1341.68	1177.46	1016.77	879.72	759.47	656.11
240.0	1988.27	1791.82	1585.40	1397.39	1213.99	1060.51	914.71	796.54	683.73
270.0	2009.76	1811.77	1602.28	1417.57	1237.62	1071.41	936.35	807.74	695.93
300.0	2061.94	1863.96	1655.23	1461.08	1279.98	1111.16	958.45	834.14	716.73
330.0	2079.59	1867.79	1665.21	1474.05	1296.71	1121.67	970.04	835.14	719.34
360.0	2137.14	1926.11	1712.78	1513.27	1324.49	1149.53	990.68	862.53	739.75
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	635.39	546.37	467.33	399.80	349.23	301.04	261.29	230.37	201.82
30.0	630.78	544.84	465.80	400.57	349.31	302.65	264.36	234.28	207.73
60.0	612.75	524.89	453.52	390.06	336.95	292.60	257.84	227.45	201.90
90.0	605.46	523.35	448.91	389.83	338.64	294.21	258.76	227.45	200.52
120.0	572.31	490.43	421.37	366.42	317.69	277.33	244.03	217.63	194.15
150.0	567.09	490.35	421.29	365.35	319.38	278.86	246.94	217.93	195.83
180.0	557.96	478.92	415.07	358.44	310.56	270.42	237.35	210.26	184.71
210.0	565.33	486.29	420.14	363.81	316.62	276.26	245.48	218.40	196.22
240.0	586.28	508.77	438.17	387.52	329.51	288.92	253.62	226.84	202.20
270.0	599.47	519.82	442.32	385.07	334.19	290.14	256.23	226.07	200.52
300.0	613.90	531.02	454.29	389.06	340.18	297.43	260.14	231.59	205.35
330.0	617.81	530.18	455.59	392.21	341.41	293.37	258.84	228.29	202.13
360.0	635.39	546.37	467.33	399.80	349.23	301.04	261.29	230.37	201.82
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	177.42	157.16	139.66	123.85	110.12	97.07	84.56	76.20	68.37
30.0	185.55	167.06	151.17	136.36	123.32	111.81	99.30	87.17	76.20
60.0	181.48	163.30	147.03	132.68	120.71	109.04	96.84	84.95	74.36
90.0	177.57	158.31	142.19	127.31	114.34	100.99	88.86	80.34	72.82
120.0	175.50	158.54	142.81	129.07	117.49	105.82	93.85	82.34	72.90
150.0	176.50	160.69	145.72	131.76	119.33	105.74	93.70	79.42	68.14
180.0	163.45	144.80	129.30	115.57	101.29	89.02	77.50	69.83	62.46
210.0	177.19	160.84	145.57	132.60	120.40	108.20	96.54	83.87	74.13
240.0	181.56	164.60	149.79	135.52	123.39	112.34	100.22	88.32	77.20
270.0	177.80	159.92	143.19	129.38	115.57	102.06	90.78	82.26	73.90
300.0	183.63	166.52	149.48	135.67	123.16	111.88	99.91	88.17	77.50
330.0	182.10	164.14	148.26	133.75	121.09	109.12	97.53	84.87	74.44
360.0	177.42	157.16	139.66	123.85	110.12	97.07	84.56	76.20	68.37

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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	60.62	50.80	39.60	32.77	22.33	13.28	3.22	2.30	0.84
30.0	67.68	58.47	46.35	32.92	25.63	15.12	5.68	1.84	0.84
60.0	66.07	55.02	41.82	30.39	23.10	12.66	4.07	1.69	0.69
90.0	62.69	50.95	40.13	32.15	22.18	10.90	2.61	1.84	0.54
120.0	64.46	54.33	40.44	29.16	20.80	11.74	2.69	1.38	0.38
150.0	58.78	48.88	36.07	21.56	19.88	11.51	3.30	1.38	0.54
180.0	53.87	42.28	34.46	26.86	17.34	8.13	2.46	1.69	0.46
210.0	65.84	56.33	41.67	30.54	22.18	11.82	3.07	1.61	0.54
240.0	68.83	58.63	44.28	32.46	24.94	14.27	4.83	1.76	0.77
270.0	63.85	52.41	41.75	33.61	23.02	11.28	3.30	2.15	0.54
300.0	68.91	58.86	45.43	33.07	25.63	15.50	5.37	2.07	0.84
330.0	66.61	57.32	44.89	32.31	24.94	13.97	5.45	1.92	0.77
360.0	60.62	50.80	39.60	32.77	22.33	13.28	3.22	2.30	0.84

C/γ(°)	90.0
0.0	0.31
30.0	0.31
60.0	0.31
90.0	0.23
120.0	0.23
150.0	0.31
180.0	0.15
210.0	0.23
240.0	0.23
270.0	0.23
300.0	0.31
330.0	0.31
360.0	0.31