

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1031A-3-UN(45-OL-3WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210322006

电流(A): 0.0210

光源规格型号: OL

功率(W): 4.1000

每个光源光通量(lm)

功率因数: 0.8820

光源数量: 3

镇流器型号:

发光面长度(mm): 65

发光面宽度(mm): 65

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 301.25

灯具效能(lm/w): 73.47

中心光强(cd): 409.242

最大光强(cd): 410.393

最大光强角度:  $C=60.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=43.0

[C90/270]Total=42.8

光束扩散角(10%Imax): [C0/180]Total=87.3

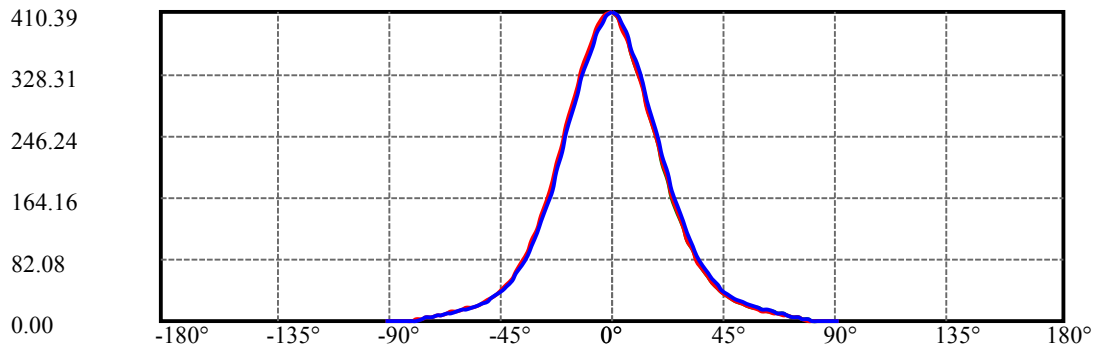
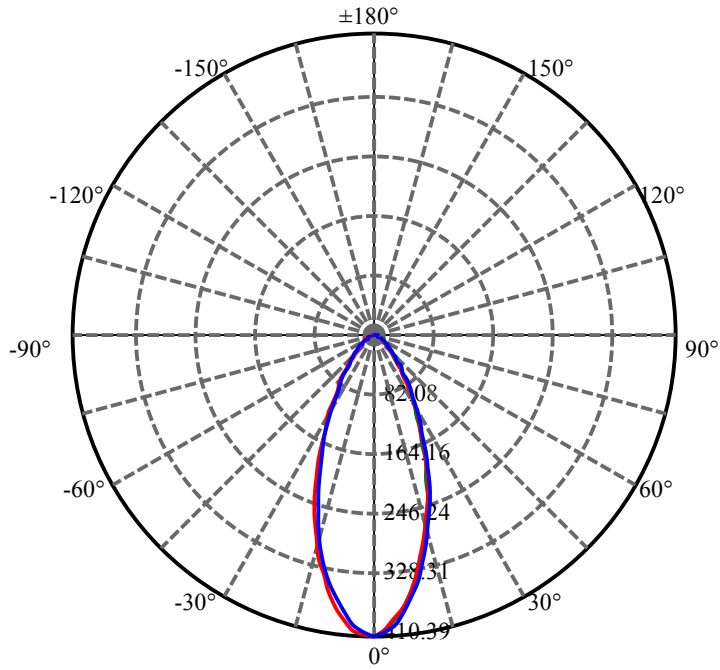
[C90/270]Total=87.7

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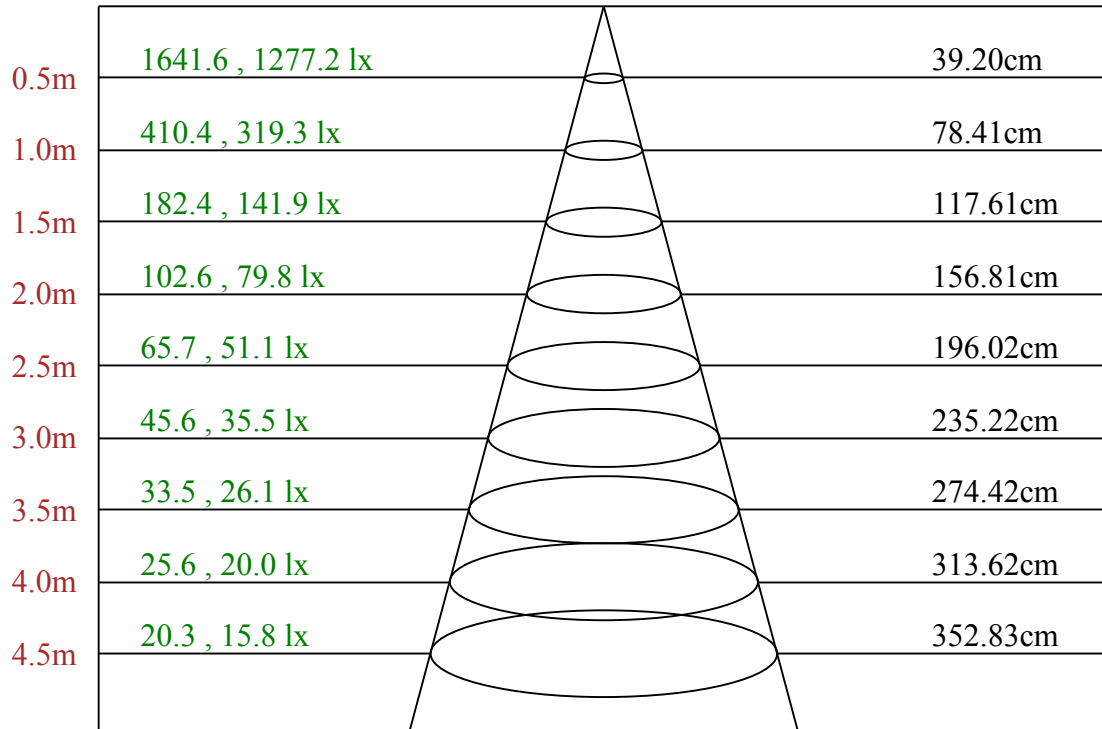
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/22  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

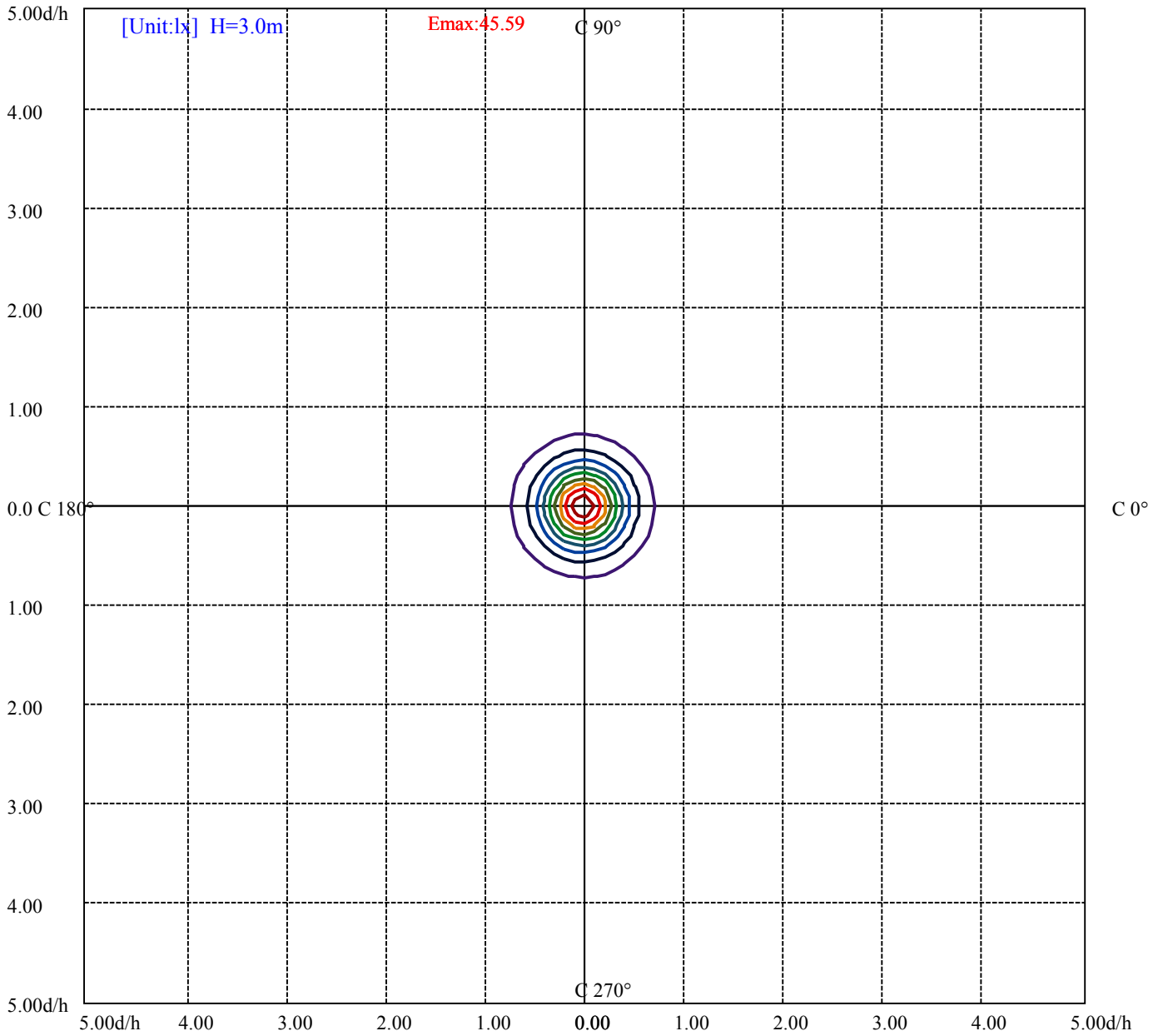


C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角42.80

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 4.559056
- (20%Emax) 9.118122
- (30%Emax) 13.67722
- (40%Emax) 18.23622
- (50%Emax) 22.79533
- (60%Emax) 27.35433
- (70%Emax) 31.91344
- (80%Emax) 36.47245
- (90%Emax) 41.03156

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/22  
环境湿度(%): 60.0%

测试人员: anpeilou  
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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

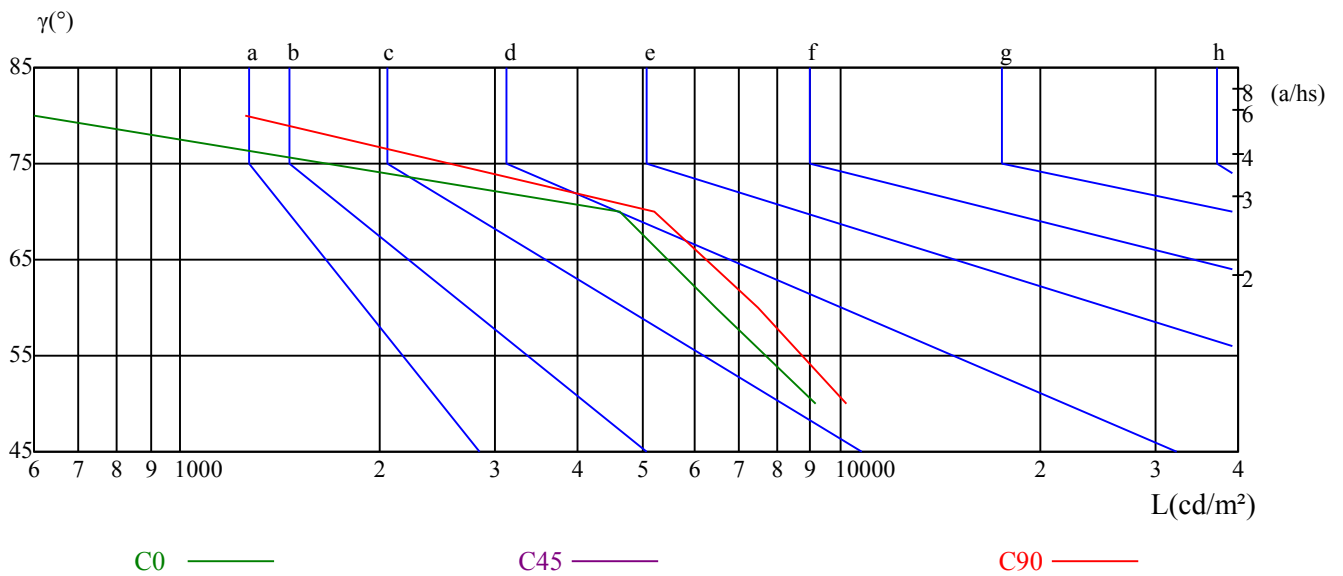
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	9155	0	6466	0	4620	0	523	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10200	0	7483	0	5204	0	1255	0

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	20.36	21.53	20.73	21.85	22.16	20.16	21.33	20.52	21.64	21.95
	3H	21.49	22.52	21.87	22.85	23.22	21.19	22.22	21.57	22.56	22.92
	4H	21.68	22.64	22.08	22.99	23.38	21.38	22.34	21.79	22.69	23.08
	6H	21.66	22.54	22.08	22.91	23.31	21.36	22.24	21.78	22.61	23.01
	8H	21.61	22.44	22.05	22.84	23.24	21.32	22.15	21.75	22.54	22.95
	12H	21.57	22.36	22.00	22.75	23.18	21.27	22.06	21.70	22.45	22.88
4H	2H	20.74	21.70	21.14	22.05	22.43	20.56	21.52	20.97	21.88	22.26
	3H	22.00	22.78	22.42	23.19	23.60	21.68	22.47	22.10	22.87	23.28
	4H	22.23	22.93	22.66	23.35	23.79	21.92	22.62	22.35	23.04	23.48
	6H	22.22	22.82	22.69	23.27	23.74	21.91	22.51	22.38	22.96	23.43
	8H	22.17	22.72	22.64	23.17	23.65	21.86	22.41	22.33	22.86	23.34
	12H	22.12	22.61	22.61	23.09	23.57	21.81	22.29	22.30	22.78	23.26
8H	4H	22.21	22.77	22.69	23.22	23.69	21.93	22.49	22.40	22.94	23.41
	6H	22.20	22.65	22.71	23.15	23.63	21.92	22.36	22.42	22.86	23.35
	8H	22.14	22.54	22.67	23.06	23.56	21.86	22.26	22.39	22.78	23.27
	12H	22.89	23.23	23.41	23.73	24.31	22.61	22.95	23.12	23.45	24.02
12H	4H	22.16	22.65	22.65	23.14	23.61	21.88	22.37	22.37	22.85	23.33
	6H	22.57	22.54	22.68	23.01	23.56	22.29	22.26	22.39	22.73	23.28
	8H	22.10	22.45	22.62	22.95	23.52	21.82	22.16	22.34	22.66	23.24
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.1					0.9/-1.2					
S = 1.5H	2.0/-1.6					2.1/-1.9					
S = 2.0H	4.2/-2.1					4.2/-2.5					
标准表格	BK2					BK2					
更正系数	1.0					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	409.24	401.80	387.99	372.94	353.07	330.82	307.18	283.55	258.84
30.0	410.24	403.10	389.75	372.10	352.00	329.59	306.34	283.47	258.76
60.0	410.39	403.79	391.21	374.86	354.60	332.43	311.32	285.85	259.91
90.0	410.01	405.71	394.58	380.77	360.44	340.64	317.31	292.91	267.74
120.0	409.32	406.33	396.73	382.00	363.89	343.02	320.92	295.98	271.73
150.0	410.01	410.09	401.41	388.98	372.79	353.30	333.27	308.72	283.62
180.0	409.24	409.09	402.64	389.75	373.79	354.30	333.04	311.71	286.61
210.0	410.24	409.40	401.34	390.13	373.33	353.38	331.89	309.25	284.01
240.0	410.39	408.01	400.65	388.45	375.40	356.91	334.35	310.71	285.00
270.0	410.01	406.33	395.66	381.85	364.96	344.71	322.53	299.97	274.03
300.0	409.32	404.48	394.66	379.39	361.43	340.33	317.62	293.75	268.27
330.0	410.01	402.18	389.21	373.25	353.99	331.28	309.33	284.47	258.38
360.0	409.24	401.80	387.99	372.94	353.07	330.82	307.18	283.55	258.84
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	235.66	211.49	187.39	164.83	144.19	125.47	107.97	93.70	80.11
30.0	234.74	210.26	186.17	164.06	143.35	126.08	109.12	94.16	80.73
60.0	234.82	209.57	185.09	162.84	143.81	124.85	108.20	93.16	80.34
90.0	243.18	220.47	196.06	173.12	151.86	132.76	116.18	100.14	87.02
120.0	246.71	221.31	197.37	176.19	154.78	135.37	118.33	102.06	87.86
150.0	257.30	230.90	205.27	182.71	160.23	139.89	122.55	106.05	91.70
180.0	261.06	234.43	209.03	184.94	161.69	140.81	123.47	105.97	90.93
210.0	258.61	233.97	207.88	183.56	160.69	140.81	122.17	105.21	90.63
240.0	257.30	231.82	208.34	183.33	161.46	139.82	121.17	104.75	90.70
270.0	249.32	224.00	197.98	174.50	153.63	133.60	116.10	100.53	85.79
300.0	244.26	219.93	196.14	171.59	150.56	130.61	113.88	98.22	84.03
330.0	233.28	208.42	185.94	163.45	142.81	123.55	107.20	92.32	78.96
360.0	235.66	211.49	187.39	164.83	144.19	125.47	107.97	93.70	80.11
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	68.37	59.01	50.34	43.20	37.22	32.54	28.16	24.86	21.72
30.0	69.06	59.09	51.18	43.89	37.83	32.84	28.62	25.17	22.25
60.0	68.91	59.01	51.18	44.12	38.22	33.23	29.16	25.71	23.02
90.0	75.05	64.69	55.56	47.96	41.28	35.84	31.46	27.70	24.48
120.0	75.66	65.38	56.02	48.11	41.75	36.14	31.46	27.55	24.48
150.0	78.81	67.38	57.48	49.34	42.82	36.91	32.31	28.16	24.71
180.0	78.04	66.68	56.94	49.34	42.36	36.30	31.31	27.40	23.94
210.0	77.66	66.92	56.94	48.65	41.67	35.99	31.16	27.01	23.79
240.0	77.35	66.30	56.71	48.42	41.59	35.76	31.23	27.32	24.02
270.0	73.59	63.46	54.02	46.43	39.83	34.53	30.00	26.40	23.10
300.0	71.98	61.70	52.57	44.89	39.21	33.92	29.39	25.86	22.64
330.0	68.53	58.63	50.11	43.05	37.29	32.23	28.16	25.09	22.10
360.0	68.37	59.01	50.34	43.20	37.22	32.54	28.16	24.86	21.72
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	19.26	17.11	15.27	13.66	12.20	10.82	9.44	8.06	6.68
30.0	19.80	17.50	15.65	13.97	12.51	11.20	9.82	8.44	6.98
60.0	20.49	18.49	16.58	14.96	13.43	11.82	10.51	8.98	7.21
90.0	21.79	19.41	17.42	15.81	14.27	12.58	10.90	9.21	7.52
120.0	21.72	19.41	17.27	15.50	13.89	12.43	10.90	9.21	7.60
150.0	21.87	19.64	17.50	15.58	13.97	12.35	10.74	4.91	4.22
180.0	21.33	18.72	16.81	15.04	13.35	11.66	10.21	8.82	7.21
210.0	21.03	18.72	16.73	15.04	13.43	11.89	10.36	8.67	7.14
240.0	21.26	18.95	16.88	15.12	13.66	12.05	10.51	9.13	7.60
270.0	20.49	18.03	16.19	14.50	12.97	11.43	9.98	8.59	6.91
300.0	20.18	17.96	16.27	14.66	13.20	11.66	10.13	8.52	6.98
330.0	19.72	17.73	15.88	14.35	12.89	11.28	9.75	8.21	6.52
360.0	19.26	17.11	15.27	13.66	12.20	10.82	9.44	8.06	6.68

# ROLED 地埋灯

## 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	5.29	3.99	2.53	1.15	0.38	0.31	0.15	0.08	0.00
30.0	5.60	4.30	2.76	1.15	0.46	0.38	0.23	0.08	0.00
60.0	5.53	3.91	2.69	1.61	0.61	0.38	0.23	0.08	0.00
90.0	5.76	4.22	2.76	2.07	0.92	0.38	0.31	0.15	0.08
120.0	6.14	4.60	3.22	1.61	0.46	0.38	0.23	0.08	0.00
150.0	6.29	4.91	3.68	1.84	0.54	0.31	0.31	0.08	0.00
180.0	5.60	3.91	2.69	1.76	0.69	0.31	0.23	0.08	0.00
210.0	5.45	3.76	2.46	1.69	0.61	0.31	0.23	0.08	0.00
240.0	6.06	4.53	2.99	1.30	0.38	0.31	0.15	0.15	0.00
270.0	5.45	4.07	2.46	0.84	0.38	0.23	0.15	0.08	0.00
300.0	4.60	3.68	2.46	1.46	0.38	0.31	0.15	0.00	0.00
330.0	4.91	3.30	2.46	1.38	0.38	0.23	0.15	0.00	0.00
360.0	5.29	3.99	2.53	1.15	0.38	0.31	0.15	0.08	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00