

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(20-OL-3WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210322004

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): 322.54

灯具效能(lm/w): 78.67

中心光强(cd): 1467.300

最大光强(cd): 1473.362

最大光强角度: C=60.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=20.7

[C90/270]Total=20.8

光束扩散角(10%Imax): [C0/180]Total=43.4

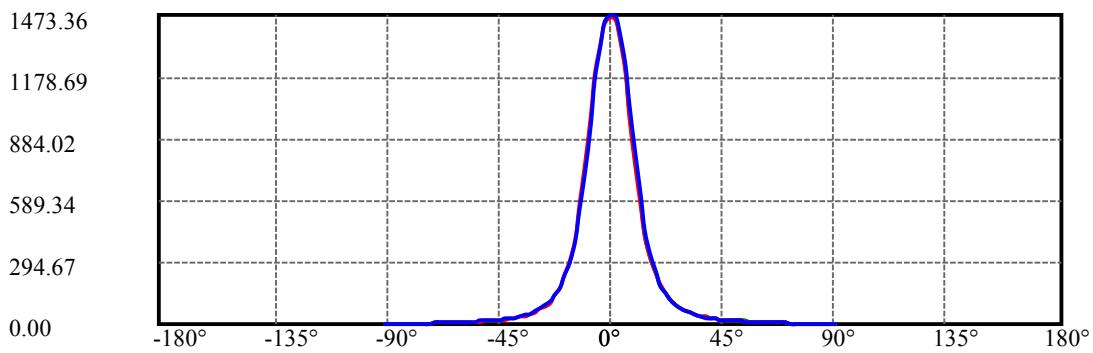
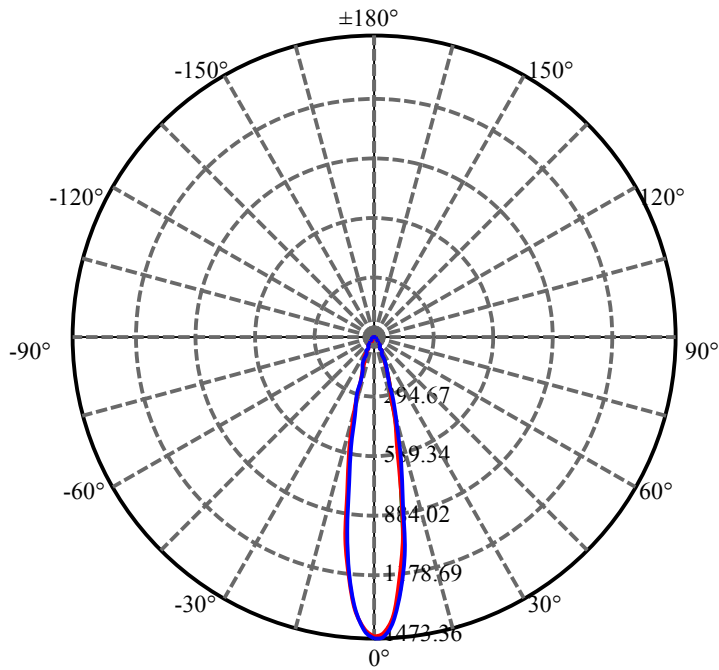
[C90/270]Total=43.6

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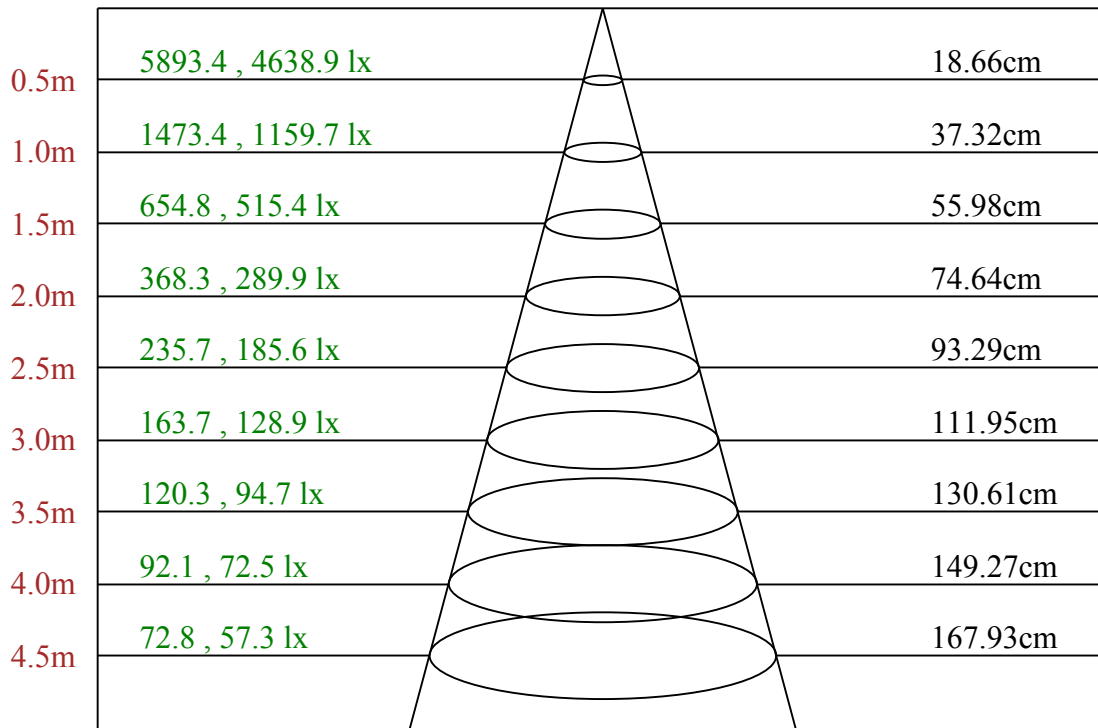
测试设备: GMS1800  
环境温度(°C): 25.0

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

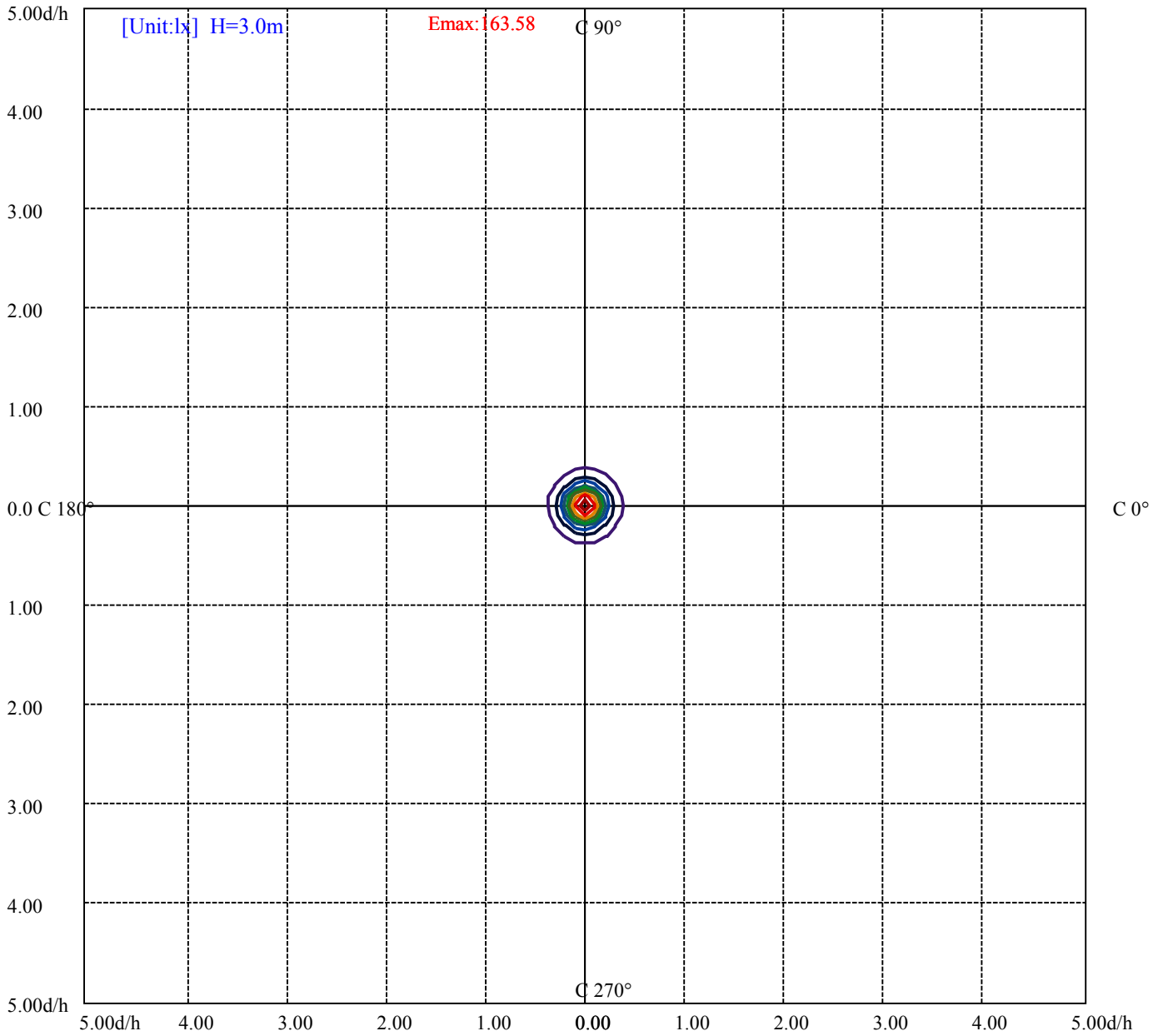


C60(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C60面光束角21.14

ROLED 地埋灯  
平面等照度曲线



- (10%E<sub>max</sub>) 16.35789
- (20%E<sub>max</sub>) 32.71577
- (30%E<sub>max</sub>) 49.07367
- (40%E<sub>max</sub>) 65.43155
- (50%E<sub>max</sub>) 81.78944
- (60%E<sub>max</sub>) 98.14733
- (70%E<sub>max</sub>) 114.5056
- (80%E<sub>max</sub>) 130.8633
- (90%E<sub>max</sub>) 147.2211

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

# ROLED 地埋灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

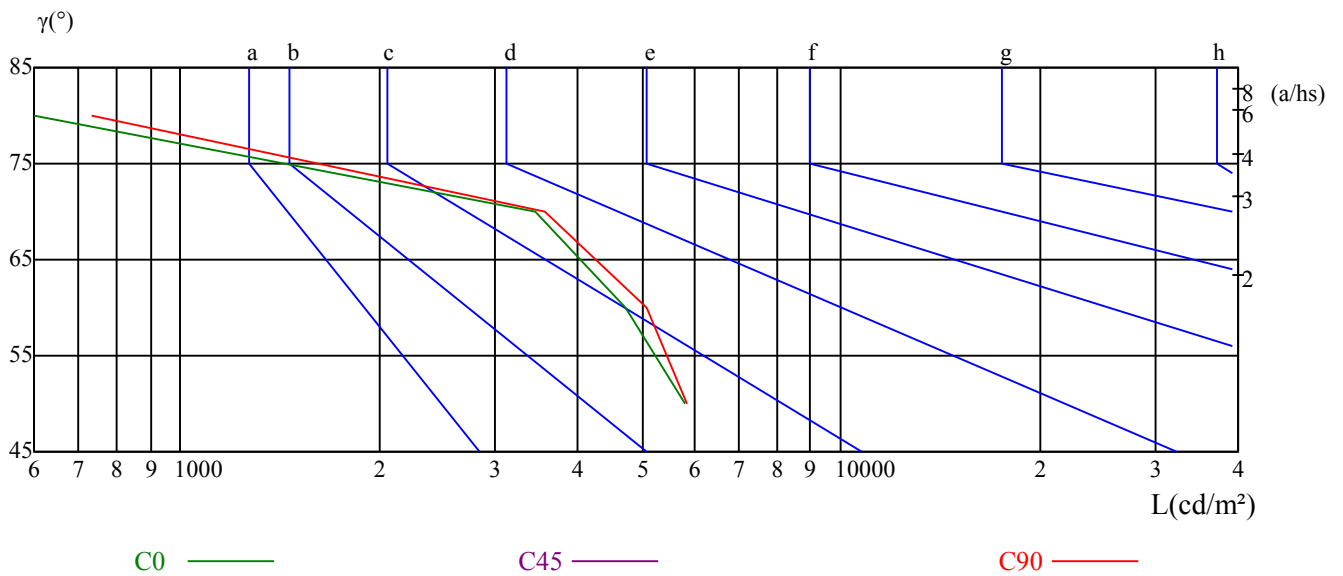
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	5821	0	4722	0	3452	0	418	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5849	0	5086	0	3558	0	732	0

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	17.29	18.33	17.65	18.64	18.96	17.06	18.10	17.42	18.41	18.73
	3H	18.47	19.39	18.85	19.72	20.09	18.28	19.20	18.66	19.53	19.90
	4H	18.65	19.50	19.06	19.86	20.24	18.46	19.31	18.86	19.66	20.05
	6H	18.62	19.40	19.03	19.77	20.17	18.42	19.20	18.84	19.58	19.97
	8H	18.57	19.30	19.00	19.69	20.10	18.37	19.10	18.81	19.50	19.91
	12H	18.51	19.22	18.95	19.60	20.03	18.32	19.02	18.75	19.40	19.83
4H	2H	17.67	18.53	18.08	18.88	19.27	17.49	18.34	17.89	18.69	19.08
	3H	18.98	19.68	19.40	20.08	20.49	18.80	19.50	19.22	19.91	20.31
	4H	19.20	19.82	19.63	20.24	20.69	18.99	19.61	19.43	20.04	20.49
	6H	19.18	19.71	19.65	20.16	20.63	18.97	19.50	19.44	19.95	20.42
	8H	19.11	19.61	19.59	20.06	20.53	18.90	19.40	19.38	19.85	20.32
	12H	19.06	19.49	19.55	19.97	20.45	18.85	19.27	19.34	19.76	20.24
8H	4H	19.17	19.66	19.64	20.11	20.59	18.97	19.47	19.45	19.92	20.39
	6H	19.14	19.53	19.65	20.04	20.52	18.94	19.33	19.45	19.83	20.32
	8H	19.08	19.43	19.61	19.95	20.45	18.88	19.23	19.41	19.75	20.24
	12H	19.85	20.15	20.37	20.65	21.23	19.65	19.94	20.17	20.44	21.02
12H	4H	19.11	19.54	19.60	20.02	20.50	18.92	19.34	19.41	19.83	20.31
	6H	19.38	19.43	19.62	19.90	20.45	19.18	19.23	19.41	19.70	20.25
	8H	19.04	19.33	19.56	19.83	20.41	18.83	19.13	19.35	19.63	20.21
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.7					0.7/-0.8					
S = 1.5H	1.4/-1.2					1.4/-1.4					
S = 2.0H	3.1/-1.6					3.5/-2.0					
标准表格	BK2					BK2					
更正系数	-2.4					-2.6					

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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	1467.30	1450.42	1360.25	1195.11	989.99	762.70	560.57	421.67	313.47
30.0	1471.06	1461.47	1378.67	1227.34	1029.28	800.60	597.63	445.39	326.90
60.0	1473.36	1456.25	1370.00	1212.91	1009.25	775.97	580.98	416.61	312.25
90.0	1471.44	1463.16	1387.80	1239.31	1054.45	825.24	615.44	450.30	325.67
120.0	1466.00	1443.20	1360.71	1215.98	1015.08	784.49	576.22	420.22	304.34
150.0	1462.31	1441.21	1363.32	1241.00	1047.01	817.26	605.84	440.17	315.39
180.0	1467.30	1427.86	1337.46	1192.12	998.20	771.60	567.70	414.46	300.35
210.0	1471.06	1436.76	1340.61	1191.27	990.30	763.69	563.48	415.30	300.04
240.0	1473.36	1441.98	1351.73	1195.65	1004.96	780.04	574.46	426.89	313.55
270.0	1471.44	1432.61	1325.03	1164.26	953.46	727.47	544.22	399.34	294.52
300.0	1466.00	1438.22	1340.61	1172.32	968.43	745.05	547.60	404.33	306.41
330.0	1462.31	1437.76	1328.02	1161.50	949.70	727.01	539.24	402.41	298.13
360.0	1467.30	1450.42	1360.25	1195.11	989.99	762.70	560.57	421.67	313.47
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	238.42	188.08	147.87	116.95	96.00	76.81	63.77	52.87	44.51
30.0	249.55	192.69	150.79	120.02	96.23	79.35	65.15	54.10	45.04
60.0	238.04	186.78	146.26	116.33	94.16	76.43	62.69	51.80	43.51
90.0	247.33	185.47	146.57	115.49	92.55	74.82	61.08	51.26	42.21
120.0	230.06	173.81	136.21	107.36	87.10	70.52	57.78	48.04	40.36
150.0	237.66	180.41	139.28	109.81	87.94	70.91	58.17	48.57	40.67
180.0	224.46	170.66	133.52	105.05	84.95	68.91	56.33	46.66	39.37
210.0	224.61	173.27	133.75	105.67	84.64	69.45	57.09	47.73	39.83
240.0	235.05	184.40	143.35	112.42	91.24	73.90	60.47	50.26	42.59
270.0	224.69	177.34	138.43	110.35	89.63	72.67	59.86	49.80	42.28
300.0	233.13	183.86	144.42	114.26	92.55	76.20	62.46	52.03	43.89
330.0	228.06	180.18	140.97	112.80	91.47	75.05	61.77	51.72	43.28
360.0	238.42	188.08	147.87	116.95	96.00	76.81	63.77	52.87	44.51
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	37.68	32.38	28.24	24.71	21.64	19.26	17.42	15.81	14.50
30.0	38.22	32.61	28.47	24.79	21.79	19.49	17.34	15.96	14.58
60.0	37.37	32.08	28.01	24.48	21.72	19.41	17.80	16.27	14.96
90.0	36.30	31.23	27.17	23.87	21.18	19.03	17.34	15.88	14.58
120.0	34.38	29.54	26.17	23.02	20.57	18.49	16.88	15.42	14.12
150.0	34.61	29.85	26.17	22.87	20.34	18.42	16.81	15.35	14.20
180.0	33.61	28.93	25.40	22.33	19.88	17.80	16.19	14.89	13.58
210.0	33.84	29.31	25.55	22.48	19.95	17.88	16.27	14.89	13.66
240.0	36.14	31.23	27.17	23.79	21.26	18.95	17.50	16.04	14.66
270.0	36.14	31.16	26.93	23.87	21.26	19.11	17.27	15.81	14.35
300.0	37.29	32.15	27.86	24.63	21.79	19.49	17.73	16.11	14.66
330.0	36.91	31.85	27.63	24.25	21.49	19.41	17.50	16.04	14.66
360.0	37.68	32.38	28.24	24.71	21.64	19.26	17.42	15.81	14.50
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	13.20	12.05	11.05	9.98	8.90	7.83	6.83	5.99	4.99
30.0	13.28	12.05	10.97	9.90	8.75	7.83	6.83	5.99	5.14
60.0	13.81	12.82	11.97	10.90	9.90	8.75	7.60	6.45	5.14
90.0	13.43	12.43	11.51	10.74	9.82	8.90	7.83	6.45	5.14
120.0	13.20	12.20	11.20	10.28	9.36	8.36	7.52	6.45	5.53
150.0	13.12	12.20	11.36	10.36	9.59	8.44	7.44	6.60	5.68
180.0	12.66	11.74	10.90	10.13	9.21	8.29	7.37	6.29	5.14
210.0	12.58	11.66	10.90	10.05	9.13	8.29	7.21	5.99	4.60
240.0	13.51	12.58	11.51	10.51	9.44	8.29	7.21	6.22	5.29
270.0	13.28	12.12	11.20	10.21	9.06	7.75	6.75	5.76	4.91
300.0	13.51	12.43	11.43	10.44	9.44	8.21	6.91	5.76	4.45
330.0	13.51	12.43	11.43	10.51	9.36	8.21	6.91	5.60	4.30
360.0	13.20	12.05	11.05	9.98	8.90	7.83	6.83	5.99	4.99

# 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	3.91	2.76	1.61	0.69	0.31	0.15	0.08	0.00	0.00
30.0	4.22	3.15	1.76	0.69	0.23	0.15	0.15	0.00	0.00
60.0	3.99	2.84	2.15	1.07	0.46	0.23	0.15	0.08	0.00
90.0	3.91	2.84	2.15	1.53	0.54	0.23	0.31	0.00	0.00
120.0	4.45	3.22	2.23	1.00	0.38	0.23	0.23	0.00	0.00
150.0	4.83	0.54	2.23	1.15	0.31	0.23	0.23	0.08	0.00
180.0	3.84	2.84	1.92	1.15	0.38	0.23	0.15	0.08	0.00
210.0	3.61	2.61	1.76	1.15	0.38	0.23	0.08	0.08	0.00
240.0	4.22	2.99	2.00	0.77	0.23	0.15	0.08	0.00	0.00
270.0	3.91	2.76	1.46	0.46	0.23	0.23	0.15	0.00	0.00
300.0	2.99	2.38	1.53	0.77	0.38	0.15	0.15	0.08	0.00
330.0	3.22	2.38	1.69	0.69	0.31	0.15	0.08	0.00	0.00
360.0	3.91	2.76	1.61	0.69	0.31	0.15	0.08	0.00	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