

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1032A-6-UN(10-OL-6WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210322008

电流(A): 0.0350

光源规格型号: OL

功率(W): 7.2000

每个光源光通量(lm)

功率因数: 0.9250

光源数量: 6

镇流器型号:

发光面长度(mm): 110

发光面宽度(mm): 110

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): 632.73

灯具效能(lm/w): 87.88

中心光强(cd): 7019.188

最大光强(cd): 7136.597

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=10.3

[C90/270]Total=10.3

光束扩散角(10%Imax): [C0/180]Total=25.9

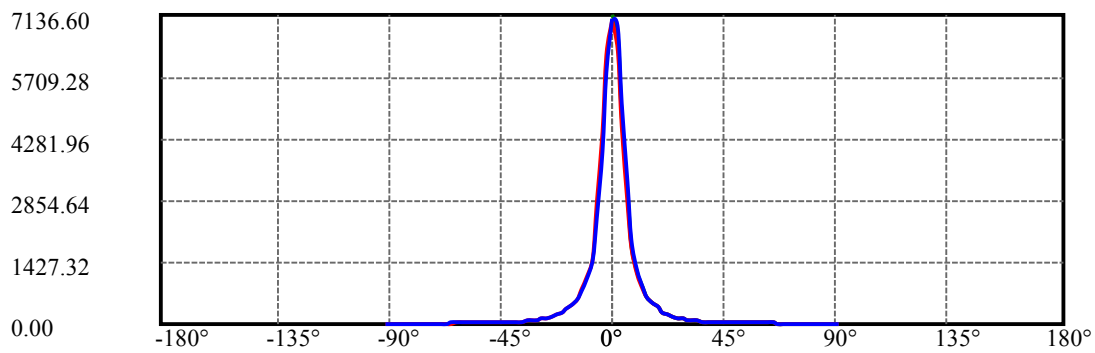
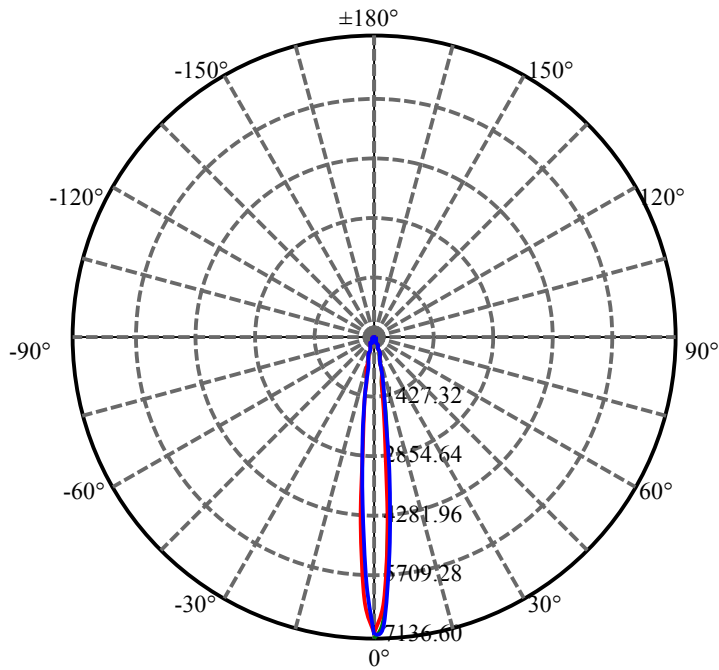
[C90/270]Total=25.9

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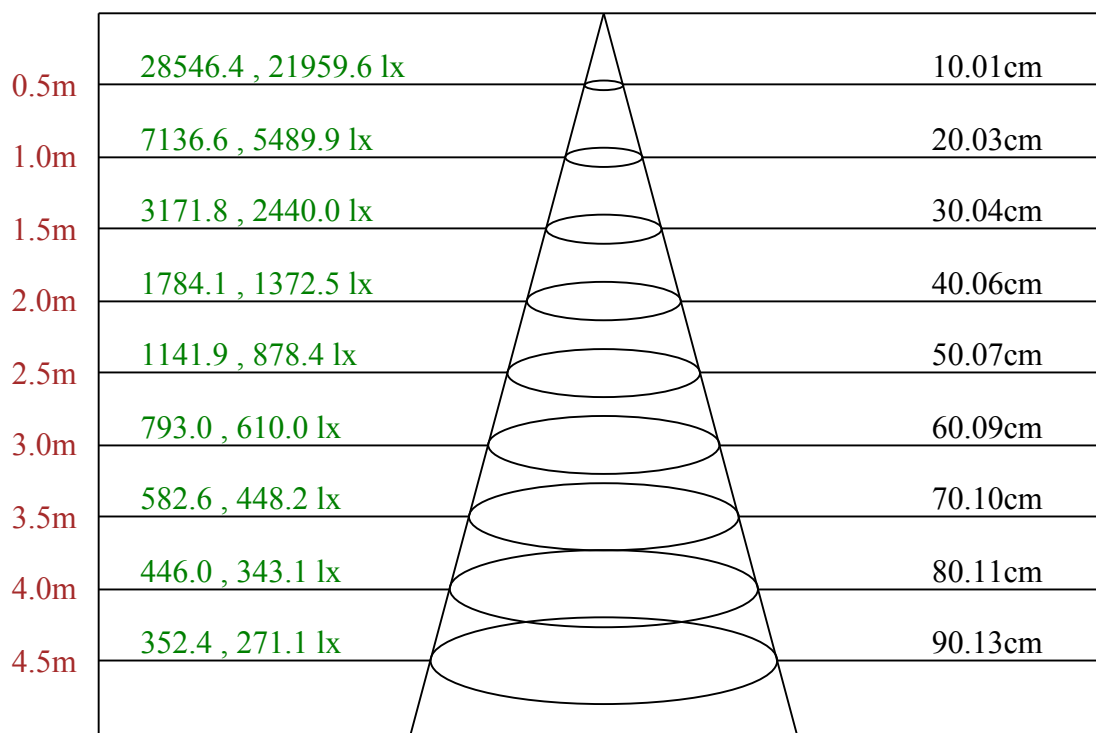
测试设备: GMS1800  
环境温度(°C): 25.0

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

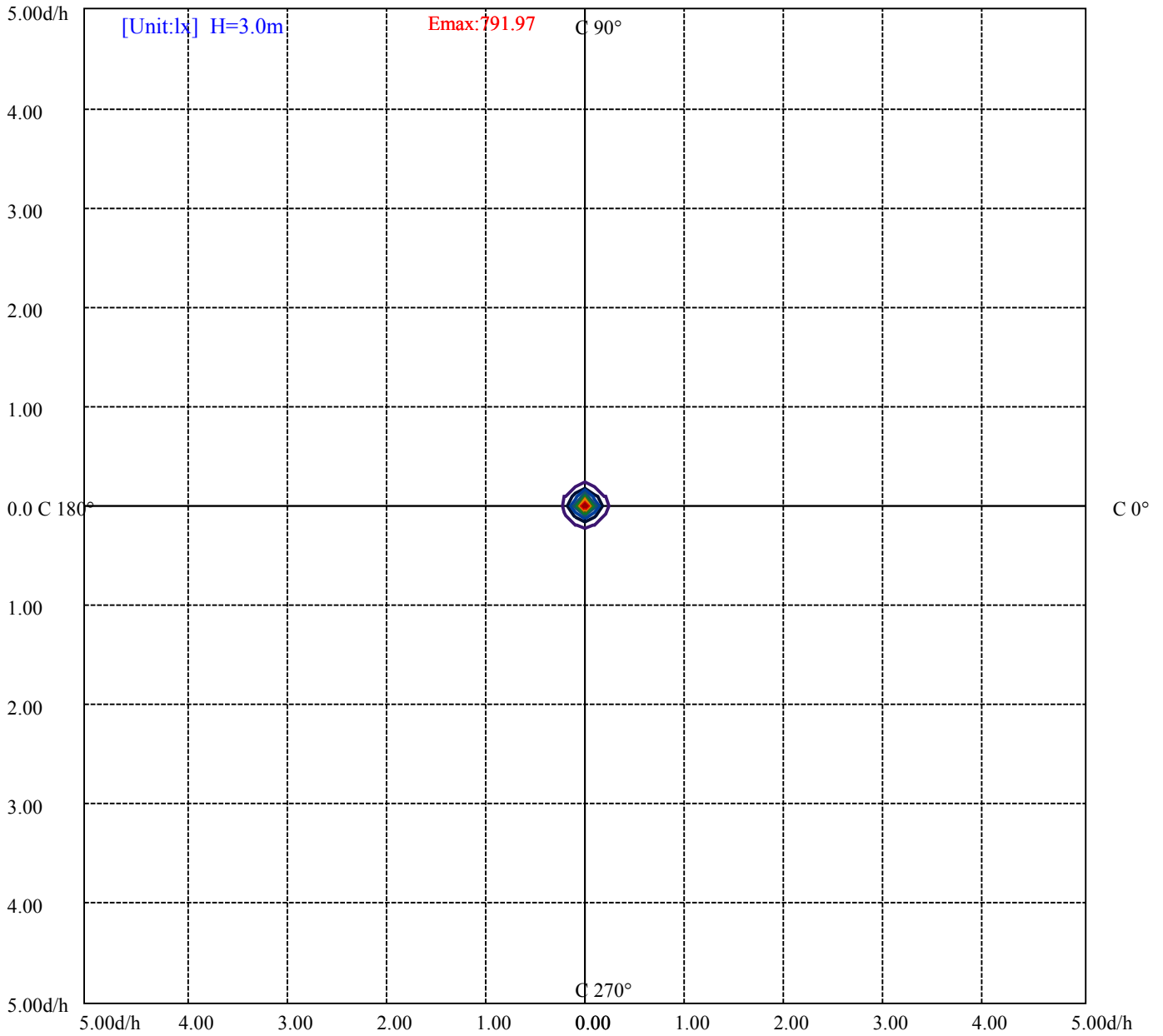


C30(Max): ———  
C0/C180: ———  
C90/C270: ———



Max , Ave    C30面光束角11.44

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 79.197
- (20%Emax) 158.3945
- (30%Emax) 237.5911
- (40%Emax) 316.7878
- (50%Emax) 395.9845
- (60%Emax) 475.1823
- (70%Emax) 554.3789
- (80%Emax) 633.5756
- (90%Emax) 712.7733

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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

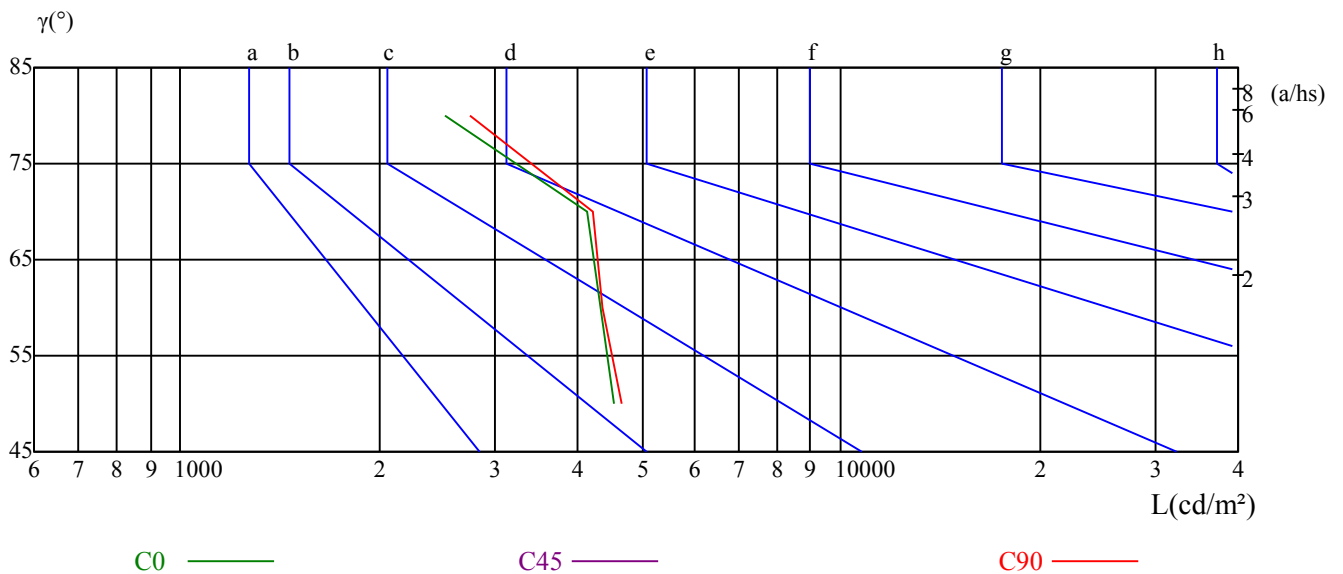
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	4539	0	4325	0	4116	0	2520	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4657	0	4351	0	4209	0	2739	0

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

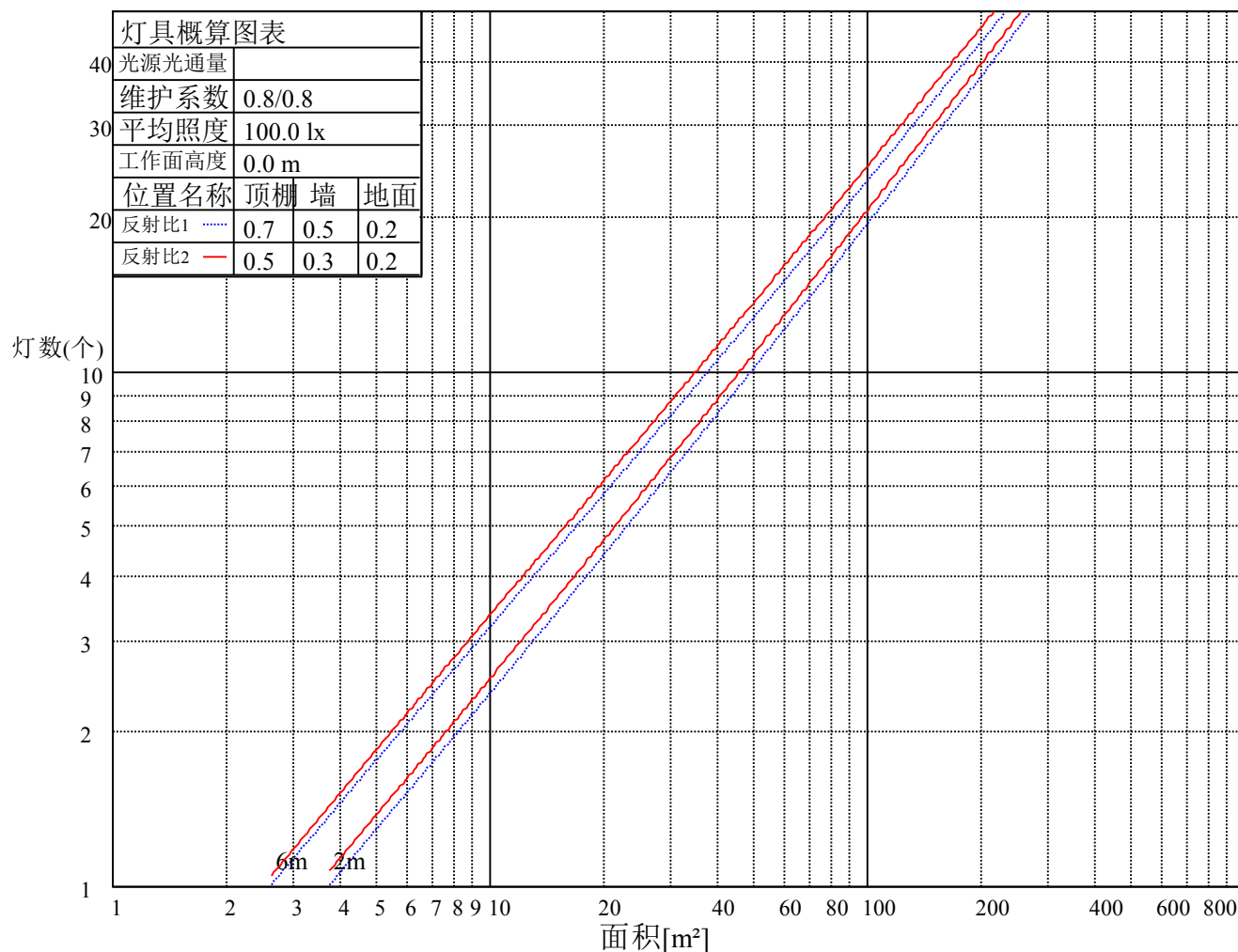
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	15.12	16.20	15.49	16.52	16.83	14.89	15.98	15.26	16.29	16.60
	3H	16.99	17.95	17.38	18.28	18.65	16.79	17.75	17.18	18.08	18.45
	4H	17.61	18.49	18.01	18.85	19.24	17.42	18.31	17.82	18.66	19.05
	6H	17.92	18.73	18.33	19.10	19.50	17.72	18.54	18.14	18.91	19.31
	8H	17.96	18.72	18.39	19.12	19.52	17.77	18.53	18.20	18.92	19.33
	12H	17.96	18.70	18.40	19.08	19.51	17.78	18.51	18.21	18.89	19.32
4H	2H	15.70	16.59	16.11	16.94	17.33	15.52	16.41	15.93	16.77	17.15
	3H	17.77	18.50	18.19	18.91	19.32	17.60	18.33	18.01	18.73	19.14
	4H	18.48	19.13	18.92	19.56	20.00	18.31	18.96	18.75	19.39	19.83
	6H	18.81	19.37	19.28	19.82	20.29	18.63	19.19	19.10	19.64	20.11
	8H	18.86	19.38	19.34	19.83	20.31	18.68	19.20	19.15	19.65	20.12
	12H	18.87	19.32	19.36	19.81	20.29	18.69	19.14	19.18	19.63	20.10
8H	4H	18.67	19.19	19.14	19.64	20.11	18.52	19.04	18.99	19.49	19.96
	6H	19.08	19.50	19.59	20.00	20.48	18.90	19.31	19.41	19.81	20.30
	8H	19.17	19.54	19.70	20.06	20.56	18.98	19.35	19.51	19.87	20.36
	12H	19.76	20.08	20.28	20.57	21.15	19.56	19.87	20.08	20.37	20.95
12H	4H	18.64	19.10	19.13	19.58	20.06	18.50	18.95	18.99	19.44	19.92
	6H	19.42	19.44	19.60	19.91	20.46	19.25	19.26	19.43	19.73	20.28
	8H	19.19	19.51	19.71	20.00	20.58	19.00	19.32	19.52	19.81	20.39
对应照射距离，改变观察者位置S											
S = 1.0H	0.2/-0.6					0.2/-0.5					
S = 1.5H	0.8/-0.7					0.8/-0.6					
S = 2.0H	1.2/-0.7					1.2/-0.7					
标准表格	BK3					BK3					
更正系数	-1.1					-1.2					

# ROLED 地埋灯 灯具的概算曲线



# ROLED 地埋灯

## 灯具的利用系数表

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.94
2	1.04	1.01	0.97	1.03	0.99	0.96	0.99	0.97	0.94	0.96	0.94	0.92	0.94	0.92	0.90	0.89
3	0.99	0.94	0.91	0.97	0.93	0.90	0.95	0.91	0.88	0.92	0.89	0.87	0.90	0.88	0.86	0.84
4	0.94	0.89	0.85	0.93	0.88	0.85	0.91	0.87	0.84	0.89	0.85	0.83	0.87	0.84	0.82	0.80
5	0.90	0.85	0.81	0.89	0.84	0.81	0.87	0.83	0.80	0.85	0.82	0.79	0.84	0.81	0.79	0.77
6	0.86	0.81	0.78	0.85	0.81	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.81	0.78	0.76	0.75
7	0.83	0.78	0.75	0.82	0.78	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.72
8	0.80	0.75	0.72	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.70
9	0.78	0.73	0.70	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.69	0.75	0.72	0.69	0.68
10	0.76	0.71	0.68	0.75	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.68	0.67



ROLED 地埋灯

光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	7019.19	6275.60	4583.54	2811.67	1761.13	1154.90	813.42	609.30	469.63
30.0	7136.60	6647.01	4785.36	3041.88	1804.87	1177.15	825.70	610.83	468.87
60.0	7118.95	6490.47	4795.33	2977.42	1530.99	1136.10	817.33	604.62	466.95
90.0	7038.37	6818.90	5101.52	3292.04	1929.18	1228.57	850.25	623.88	477.31
120.0	7079.81	6554.93	4802.24	3054.92	1514.42	1160.04	809.35	591.65	447.38
150.0	7016.12	6670.80	5011.73	3153.92	1864.72	1200.94	831.07	609.30	463.50
180.0	7019.19	6224.19	4415.48	2792.48	1530.38	1094.74	788.33	580.21	446.31
210.0	7136.60	6106.01	4275.82	2589.13	1514.49	1062.43	760.47	569.24	431.27
240.0	7118.95	6156.66	4388.62	2663.56	1682.86	1096.58	798.07	602.39	458.89
270.0	7038.37	5802.13	3968.87	2419.54	1521.40	1048.54	762.31	575.30	437.63
300.0	7079.81	6043.09	4263.54	2586.82	1614.56	1101.18	786.56	601.62	451.22
330.0	7016.12	5901.12	4096.25	2505.48	1503.98	1077.47	779.73	585.66	445.08
360.0	7019.19	6275.60	4583.54	2811.67	1761.13	1154.90	813.42	609.30	469.63
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	390.59	281.17	222.92	176.27	143.27	117.49	98.84	84.18	73.13
30.0	389.83	280.32	219.47	177.19	143.27	118.87	99.45	84.41	73.21
60.0	360.51	278.40	217.93	174.88	141.12	115.87	98.15	83.64	72.90
90.0	390.59	284.54	222.69	179.95	145.72	120.78	101.68	86.56	74.51
120.0	344.32	269.96	212.64	173.04	140.81	117.56	98.68	84.95	73.82
150.0	389.06	277.10	217.40	176.34	142.89	118.18	98.91	84.18	72.67
180.0	338.18	264.51	208.80	169.44	137.28	113.11	96.15	81.80	70.83
210.0	337.57	262.98	208.73	166.83	135.83	111.73	95.00	81.34	70.14
240.0	392.13	278.40	219.85	173.35	140.43	114.95	97.07	83.11	71.98
270.0	342.86	267.58	211.49	169.05	137.13	113.73	94.39	81.73	70.91
300.0	387.52	275.56	219.78	175.04	143.42	118.33	98.45	84.64	73.28
330.0	348.31	271.42	212.41	172.20	139.59	115.11	95.62	81.96	70.83
360.0	390.59	281.17	222.92	176.27	143.27	117.49	98.84	84.18	73.13
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	64.00	57.32	51.80	47.12	43.59	40.13	37.60	35.30	33.15
30.0	64.08	56.79	51.03	46.58	42.51	39.14	36.60	34.30	32.31
60.0	64.00	57.32	51.87	47.73	43.74	40.44	37.75	35.30	33.07
90.0	66.15	58.86	53.03	48.57	44.51	41.36	38.52	36.22	33.99
120.0	65.07	58.63	53.03	48.73	44.58	41.21	38.68	36.37	34.38
150.0	64.23	57.25	51.64	47.19	43.13	39.98	37.29	34.84	32.61
180.0	62.46	56.10	50.80	46.27	42.51	39.37	36.60	34.15	32.31
210.0	62.16	55.40	49.88	45.58	41.82	38.45	35.91	33.76	31.77
240.0	63.77	56.94	51.57	47.04	43.51	40.21	37.52	35.15	32.92
270.0	62.92	56.48	51.41	46.73	43.28	40.06	37.60	35.22	33.15
300.0	65.46	58.86	53.49	48.73	44.81	41.59	39.14	36.83	34.69
330.0	63.39	56.94	51.64	47.04	43.28	39.98	37.52	35.38	33.15
360.0	64.00	57.32	51.80	47.12	43.59	40.13	37.60	35.30	33.15
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	31.39	29.70	27.86	26.17	24.56	22.64	20.95	19.18	17.04
30.0	30.39	28.85	27.17	25.55	24.02	22.33	20.64	18.72	16.88
60.0	31.23	29.47	27.63	25.94	24.33	22.79	21.10	19.41	17.50
90.0	31.92	30.16	28.24	26.32	24.63	22.79	21.03	19.34	17.42
120.0	32.38	30.70	28.85	26.86	25.32	23.64	21.56	19.49	17.19
150.0	30.62	28.85	27.17	25.48	23.71	22.25	20.49	18.95	16.96
180.0	30.23	28.62	26.78	25.17	23.33	21.87	20.03	18.26	16.42
210.0	30.16	28.39	26.78	25.09	23.64	21.79	20.03	18.19	16.27
240.0	31.00	29.47	27.70	25.94	24.40	22.71	21.10	19.34	17.50
270.0	31.39	29.54	27.47	25.86	24.10	22.25	20.49	18.65	16.58
300.0	32.77	31.08	29.24	27.47	25.86	24.02	21.79	19.49	17.27
330.0	31.31	29.39	27.47	25.78	24.02	22.64	20.87	18.95	16.96
360.0	31.39	29.70	27.86	26.17	24.56	22.64	20.95	19.18	17.04

# ROLED 地埋灯

## 光强数据表(cd)

附页 第 10页 共10页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	14.81	12.35	9.98	7.44	5.29	3.07	1.46	0.31	0.08
30.0	14.81	12.74	10.05	7.44	5.37	3.61	1.46	0.38	0.08
60.0	15.35	12.82	10.36	7.90	5.68	3.38	1.76	0.31	0.15
90.0	15.27	13.05	10.59	8.06	5.76	4.07	1.92	0.38	0.23
120.0	15.04	12.58	10.21	7.83	5.45	3.45	1.92	0.38	0.23
150.0	14.89	12.82	10.28	5.76	3.61	2.92	1.69	0.38	0.15
180.0	14.35	11.97	9.52	7.37	5.14	3.07	1.53	0.38	0.08
210.0	14.20	11.97	9.36	6.83	4.76	3.07	1.07	0.31	0.15
240.0	15.12	12.66	10.13	7.67	5.37	3.07	1.30	0.23	0.08
270.0	14.43	11.82	9.21	6.83	4.83	2.84	0.84	0.31	0.08
300.0	14.73	12.20	9.82	7.37	5.14	2.92	1.07	0.31	0.08
330.0	14.66	12.43	9.59	6.98	4.76	3.07	1.00	0.31	0.08
360.0	14.81	12.35	9.98	7.44	5.29	3.07	1.46	0.31	0.08

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