

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

---

## ROLED

---

灯具名称: 地埋灯

灯具描述: G1033A-9-UN(15-OL-9WN-AA, P1)

报告编号:

电压(V): 220.4000

测试编号: 20210323001

电流(A): 0.0490

光源规格型号: OL

功率(W): 10.2000

每个光源光通量(lm)

功率因数: 0.9370

光源数量: 9

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

---

## 光度结果

---

灯具光通量(lm): 960.13

灯具效能(lm/w): 94.13

中心光强(cd): 7159.619

最大光强(cd): 7254.005

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=14.9

[C90/270]Total=15.5

光束扩散角(10%Imax): [C0/180]Total=32.6

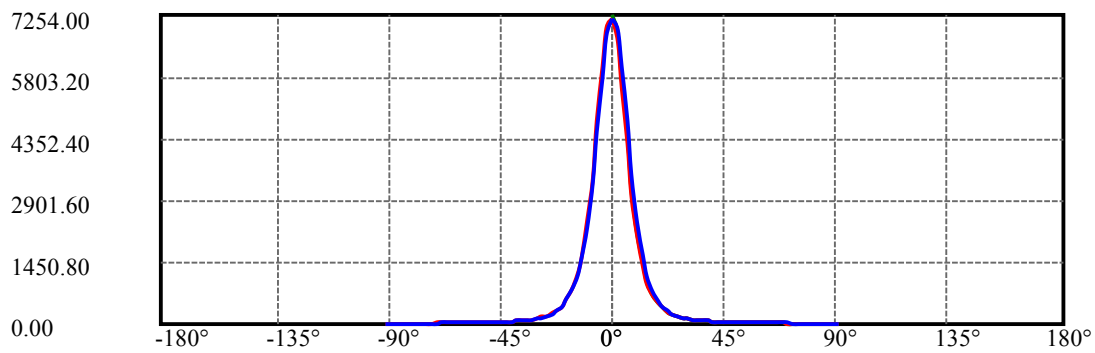
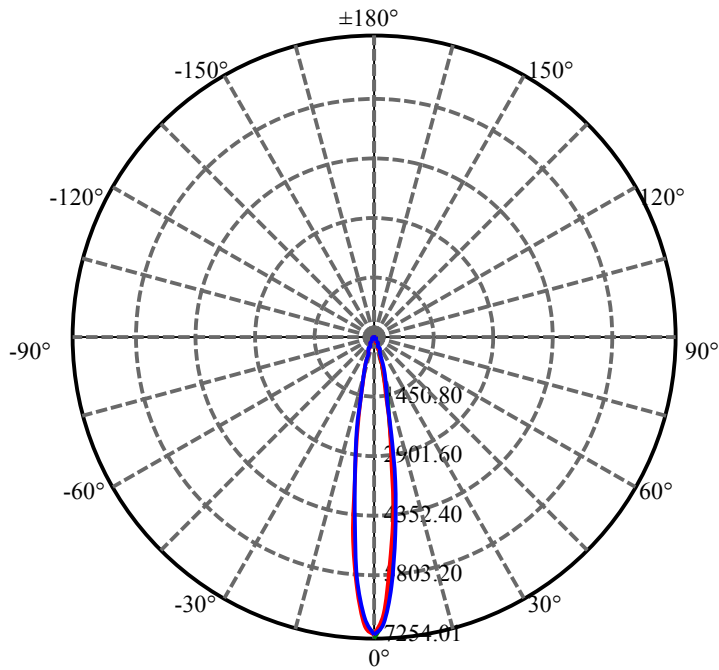
[C90/270]Total=33.3

---

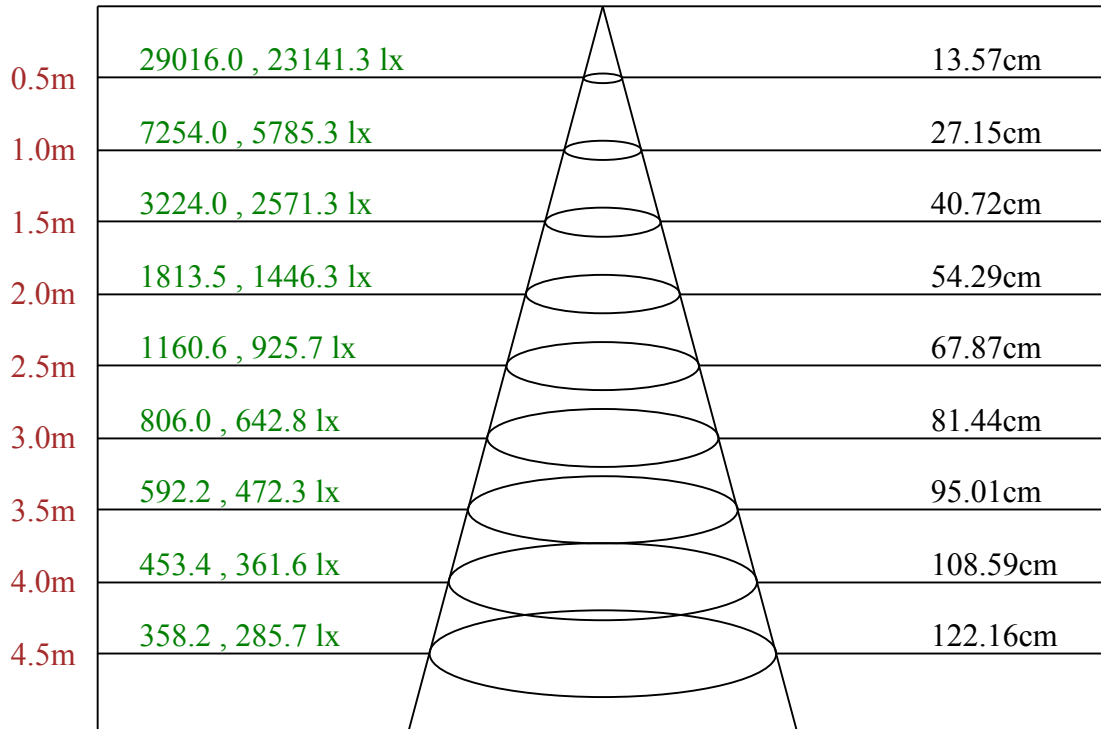
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/23  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

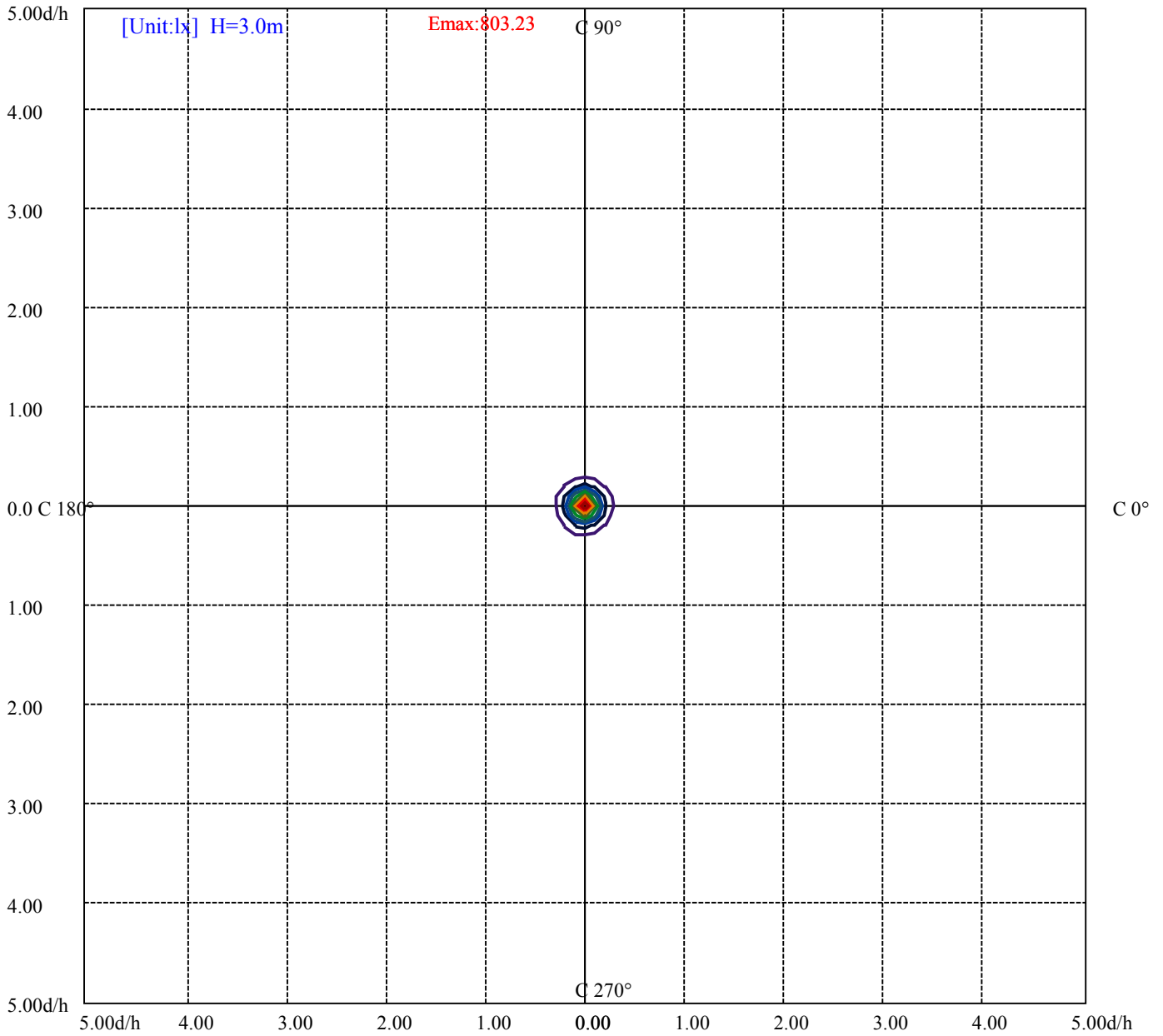


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角15.46

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 80.32244
- (20%Emax) 160.6445
- (30%Emax) 240.9678
- (40%Emax) 321.29
- (50%Emax) 401.6122
- (60%Emax) 481.9344
- (70%Emax) 562.2578
- (80%Emax) 642.58
- (90%Emax) 722.9022

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/23  
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

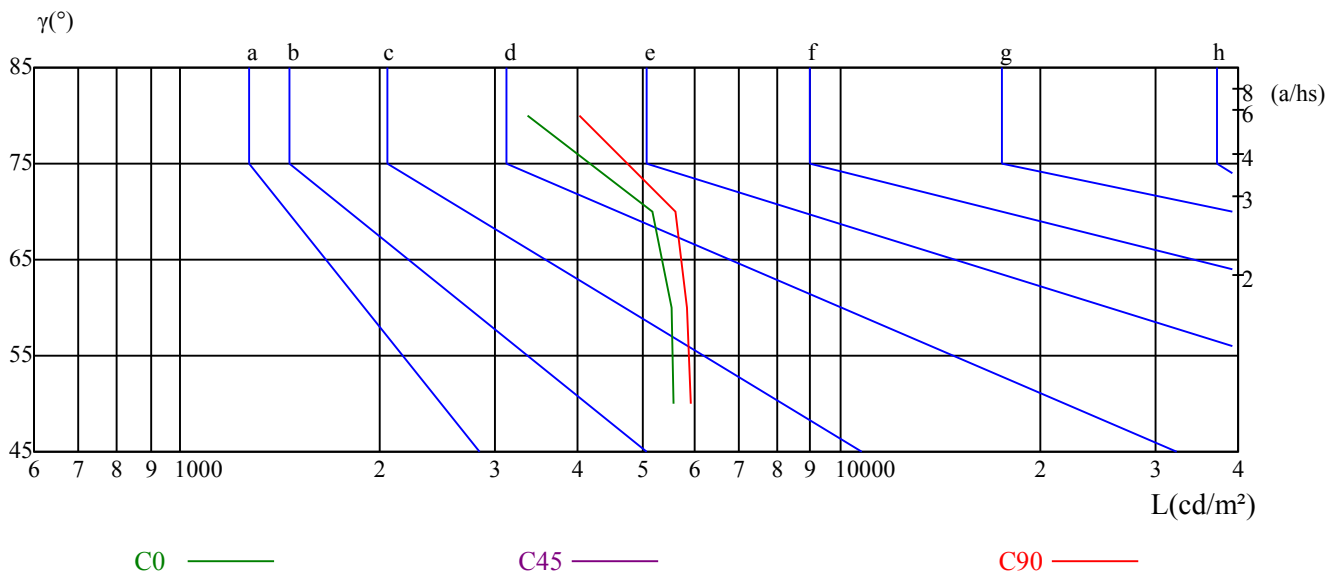
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	5594	0	5556	0	5173	0	3360	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5920	0	5860	0	5618	0	4017	0

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

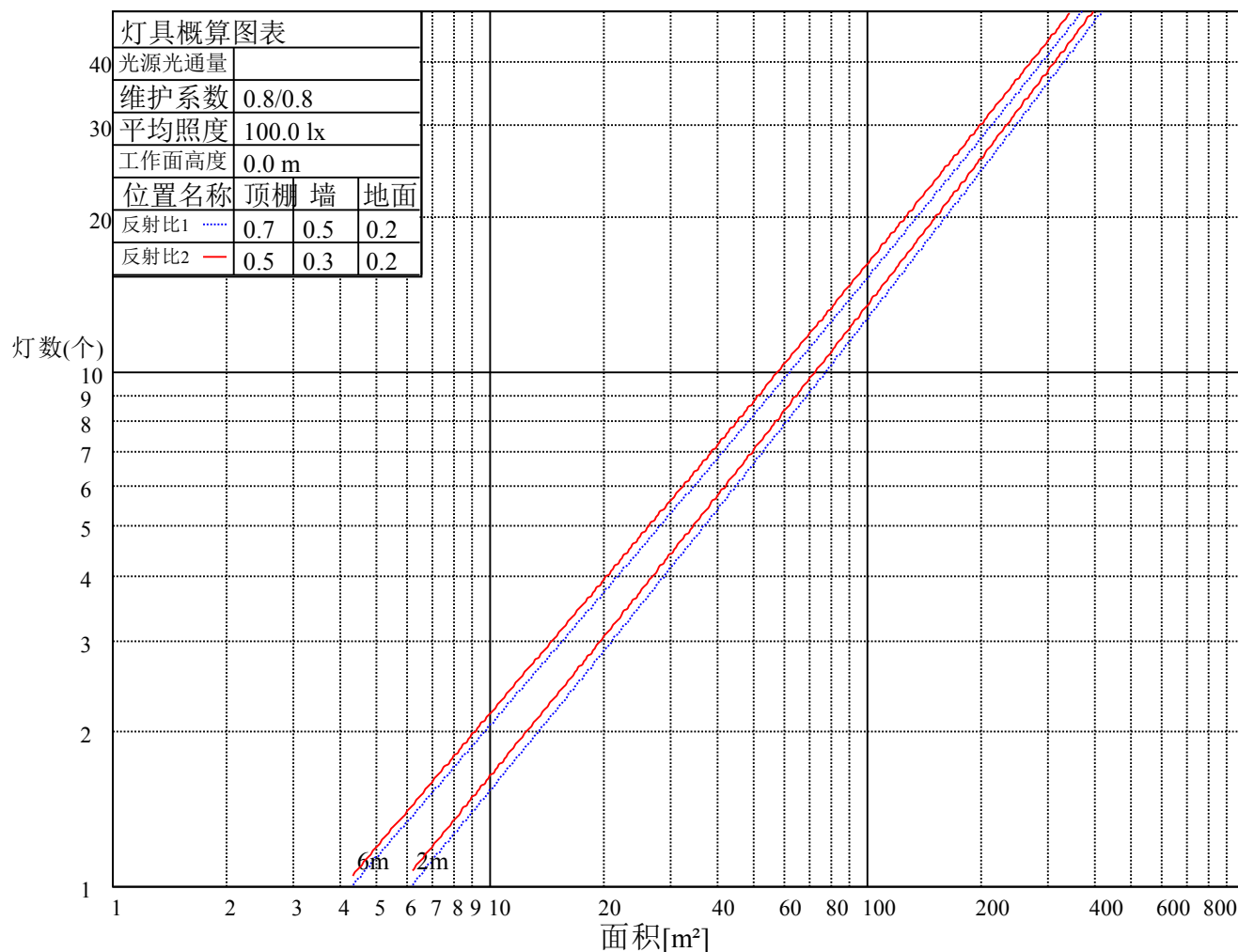
亮度限制曲线



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	14.18	15.24	14.55	15.55	15.87	14.00	15.06	14.36	15.37	15.69
	3H	16.07	17.01	16.45	17.34	17.71	15.90	16.84	16.28	17.17	17.54
	4H	16.68	17.56	17.09	17.91	18.30	16.48	17.36	16.89	17.71	18.10
	6H	17.01	17.81	17.43	18.18	18.58	16.79	17.59	17.21	17.97	18.36
	8H	17.06	17.81	17.49	18.20	18.61	16.84	17.59	17.27	17.98	18.39
	12H	17.06	17.78	17.50	18.17	18.60	16.84	17.56	17.28	17.94	18.37
4H	2H	14.80	15.67	15.21	16.03	16.42	14.66	15.53	15.07	15.89	16.28
	3H	16.86	17.58	17.28	17.98	18.39	16.71	17.43	17.13	17.84	18.24
	4H	17.57	18.21	18.01	18.63	19.08	17.39	18.03	17.83	18.46	18.90
	6H	17.91	18.46	18.38	18.91	19.38	17.72	18.27	18.19	18.72	19.19
	8H	17.97	18.48	18.45	18.93	19.40	17.78	18.29	18.25	18.74	19.21
	12H	17.98	18.42	18.47	18.91	19.38	17.78	18.22	18.27	18.71	19.18
8H	4H	17.76	18.27	18.24	18.72	19.20	17.61	18.12	18.08	18.57	19.04
	6H	18.20	18.60	18.71	19.11	19.59	18.03	18.43	18.54	18.94	19.42
	8H	18.30	18.66	18.83	19.18	19.67	18.12	18.48	18.65	19.00	19.50
	12H	18.90	19.20	19.42	19.70	20.28	18.72	19.03	19.24	19.52	20.10
12H	4H	17.74	18.18	18.23	18.67	19.15	17.59	18.03	18.08	18.52	19.00
	6H	18.53	18.56	18.73	19.03	19.58	18.36	18.39	18.57	18.86	19.41
	8H	18.33	18.63	18.85	19.13	19.71	18.15	18.46	18.68	18.96	19.54
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/-0.6					0.8/-0.6					
S = 2.0H	1.0/-0.7					1.0/-0.8					
标准表格	BK3					BK3					
更正系数	-0.6					-0.9					

# 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	1.04	1.02	1.02	1.00	0.99	0.98	0.97	0.96	0.95
2	1.05	1.01	0.98	1.03	1.00	0.97	1.00	0.97	0.95	0.97	0.95	0.93	0.94	0.93	0.91	0.90
3	0.99	0.95	0.92	0.98	0.94	0.91	0.96	0.92	0.90	0.93	0.90	0.88	0.91	0.89	0.87	0.85
4	0.95	0.90	0.87	0.94	0.89	0.86	0.92	0.88	0.85	0.90	0.87	0.84	0.88	0.85	0.83	0.82
5	0.91	0.86	0.83	0.90	0.86	0.82	0.88	0.84	0.81	0.87	0.83	0.81	0.85	0.82	0.80	0.79
6	0.87	0.83	0.79	0.87	0.82	0.79	0.85	0.81	0.78	0.84	0.81	0.78	0.83	0.80	0.77	0.76
7	0.84	0.80	0.76	0.84	0.79	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.75	0.74
8	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.79	0.75	0.73	0.72
9	0.79	0.75	0.72	0.79	0.75	0.72	0.78	0.74	0.71	0.77	0.74	0.71	0.77	0.73	0.71	0.70
10	0.77	0.73	0.70	0.77	0.73	0.70	0.76	0.72	0.70	0.76	0.72	0.70	0.75	0.72	0.69	0.68



# ROLED 地埋灯

## 光强数据表(cd)

附页 第9页 共10页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	7159.62	6643.94	5537.39	4247.43	3029.60	2094.94	1364.39	959.99	676.83
30.0	7254.01	6798.95	5716.18	4451.55	3165.43	2127.93	1445.74	981.47	695.24
60.0	7204.13	6699.96	5634.07	4400.90	3117.85	2150.95	1449.88	981.24	687.57
90.0	7177.27	6897.18	6032.34	4788.43	3496.93	2394.21	1640.65	1111.16	773.52
120.0	7171.13	6850.37	5958.67	4703.25	3393.34	2374.26	1524.39	1126.12	776.97
150.0	7130.46	7007.68	6220.35	4915.04	3658.85	2527.74	1748.85	1198.64	838.74
180.0	7159.62	6941.68	6028.51	4763.87	3444.75	2429.51	1512.34	1170.71	825.47
210.0	7254.01	6944.75	6011.62	4718.60	3431.71	2407.26	1514.34	1156.59	828.00
240.0	7204.13	6999.24	6142.84	4872.84	3610.50	2573.78	1749.62	1222.43	863.30
270.0	7177.27	6742.93	5775.27	4507.57	3339.62	2268.36	1529.76	1126.66	808.43
300.0	7171.13	6749.84	5723.09	4473.03	3257.51	2302.90	1566.98	1102.72	782.72
330.0	7130.46	6508.12	5394.65	4072.46	2934.45	1986.74	1365.32	951.62	682.66
360.0	7159.62	6643.94	5537.39	4247.43	3029.60	2094.94	1364.39	959.99	676.83
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	487.28	390.59	275.64	218.63	175.88	144.11	120.63	103.83	89.71
30.0	497.26	389.83	280.63	220.47	176.42	144.80	122.24	104.67	90.47
60.0	499.41	364.35	278.33	221.93	177.42	146.34	122.93	105.05	91.09
90.0	560.95	408.24	312.40	240.96	192.30	155.93	131.14	110.96	95.69
120.0	568.93	413.00	315.55	245.48	193.46	158.46	131.68	110.96	95.38
150.0	601.62	439.71	329.74	254.85	202.13	162.53	135.67	114.03	97.46
180.0	592.87	427.27	325.90	251.93	197.06	160.07	132.60	111.65	95.77
210.0	594.10	430.96	327.36	252.62	197.52	158.69	132.76	112.19	96.92
240.0	620.04	450.45	341.64	259.76	203.82	163.30	134.52	114.65	98.45
270.0	577.76	421.14	318.69	245.18	192.69	154.86	129.61	109.89	94.85
300.0	564.79	415.15	313.55	242.64	191.77	154.63	128.08	109.89	94.31
330.0	490.28	367.42	277.56	216.94	173.35	143.12	119.79	102.14	88.86
360.0	487.28	390.59	275.64	218.63	175.88	144.11	120.63	103.83	89.71
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	79.27	70.68	63.46	57.78	53.18	49.34	45.97	43.51	41.13
30.0	80.27	71.44	64.38	59.01	54.25	50.49	47.27	44.74	42.36
60.0	80.42	72.52	65.61	60.16	55.40	51.49	48.19	45.58	43.05
90.0	84.41	74.97	67.30	61.62	56.48	52.41	48.88	46.04	43.36
120.0	83.64	73.98	66.38	60.78	55.79	52.03	48.34	45.51	43.05
150.0	84.80	75.43	67.15	60.78	55.63	51.34	47.96	44.74	42.44
180.0	84.26	74.28	66.30	60.01	54.87	50.72	47.35	44.58	42.21
210.0	84.64	74.67	66.92	60.70	55.94	51.80	48.73	45.97	43.51
240.0	86.64	76.97	68.91	62.46	57.55	53.26	49.57	46.89	44.43
270.0	82.95	73.74	66.45	60.55	55.71	51.64	48.34	45.58	43.28
300.0	82.34	73.28	65.61	59.70	55.02	51.34	47.96	45.35	43.05
330.0	78.12	70.21	63.08	57.40	53.03	48.96	45.97	43.28	41.21
360.0	79.27	70.68	63.46	57.78	53.18	49.34	45.97	43.51	41.13
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	38.91	37.06	35.30	33.61	31.69	29.54	27.09	24.48	21.41
30.0	40.13	38.06	36.14	34.53	32.61	30.39	27.86	25.25	22.18
60.0	40.75	38.75	36.91	35.30	33.15	31.16	28.47	25.55	22.71
90.0	41.21	39.21	37.14	35.45	33.46	31.23	28.78	26.24	23.25
120.0	40.98	38.98	37.06	35.15	33.15	30.85	28.39	25.86	22.87
150.0	40.29	38.37	36.68	35.07	33.23	31.08	28.47	25.71	22.64
180.0	39.98	38.06	36.22	34.53	32.69	30.46	28.01	25.48	22.56
210.0	41.36	39.29	37.45	35.68	33.92	31.62	29.01	25.94	22.79
240.0	42.21	40.06	38.29	36.45	34.76	32.54	29.54	26.70	23.56
270.0	40.98	38.98	36.99	34.99	32.92	30.46	27.70	24.63	21.18
300.0	40.82	38.83	37.14	35.15	33.15	30.85	28.32	25.55	22.56
330.0	39.21	37.45	35.99	34.22	32.23	29.85	27.47	24.48	21.26
360.0	38.91	37.06	35.30	33.61	31.69	29.54	27.09	24.48	21.41

# 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	18.57	15.50	12.51	9.67	7.06	4.37	1.38	0.46	0.15
30.0	19.11	16.27	13.35	10.51	7.52	4.45	1.92	0.38	0.23
60.0	19.57	16.50	13.28	10.51	7.83	4.60	1.84	0.46	0.23
90.0	20.18	17.27	14.50	11.36	8.44	4.91	2.53	0.54	0.31
120.0	19.72	16.73	13.58	10.74	7.90	5.29	2.23	0.61	0.23
150.0	19.64	16.73	13.97	11.20	8.06	4.99	1.00	0.38	0.23
180.0	17.65	15.19	12.05	9.52	6.83	4.07	1.69	0.38	0.08
210.0	19.88	16.73	13.81	10.90	7.44	4.14	1.84	0.38	0.15
240.0	20.03	16.88	13.28	10.59	7.60	4.22	1.30	0.38	0.23
270.0	18.49	15.73	12.66	9.44	5.99	3.15	1.15	0.31	0.15
300.0	19.49	16.19	12.82	10.21	7.14	3.84	1.15	0.31	0.08
330.0	18.26	15.42	12.66	9.75	6.52	3.38	1.23	0.31	0.15
360.0	18.57	15.50	12.51	9.67	7.06	4.37	1.38	0.46	0.15

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.08
120.0	0.23
150.0	0.08
180.0	0.08
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00