

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1072A-6-24DC(30-OL-6WN-C,CT)

报告编号:

电压(V): 24.0000

测试编号: 20210419005

电流(A): 0.1320

光源规格型号: CL

功率(W): 3.1000

每个光源光通量(lm)

功率因数: 1.0240

光源数量: 3

镇流器型号:

发光面长度(mm): 75

发光面宽度(mm): 15

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): 129.16

灯具效能(lm/w): 41.66

中心光强(cd): 584.050

最大光强(cd): 600.472

最大光强角度:  $C=0.0 \gamma=4.0$

半峰边角(50%Imax): [C0/180]Total=33.0

[C90/270]Total=15.9

光束扩散角(10%Imax): [C0/180]Total=64.2

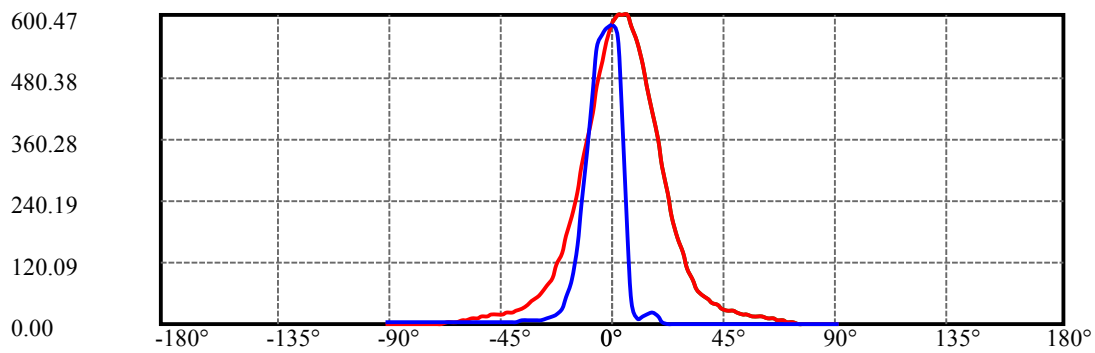
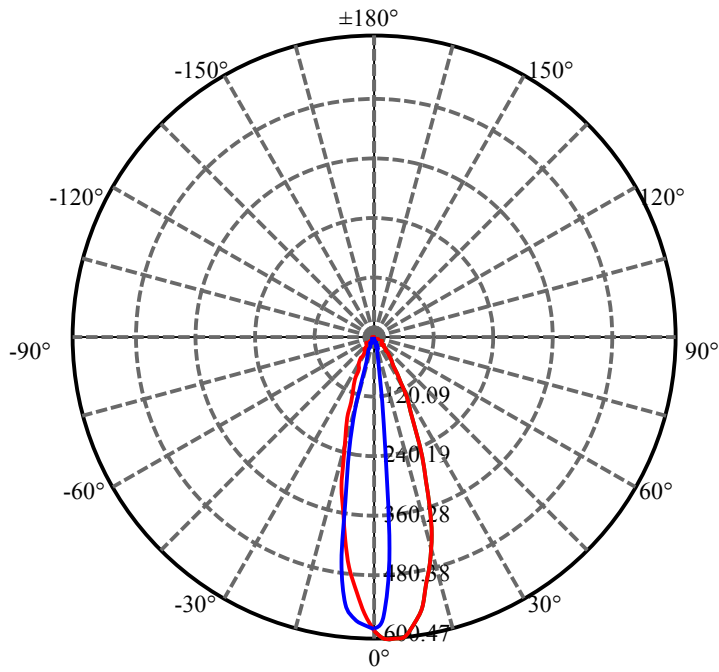
[C90/270]Total=25.4

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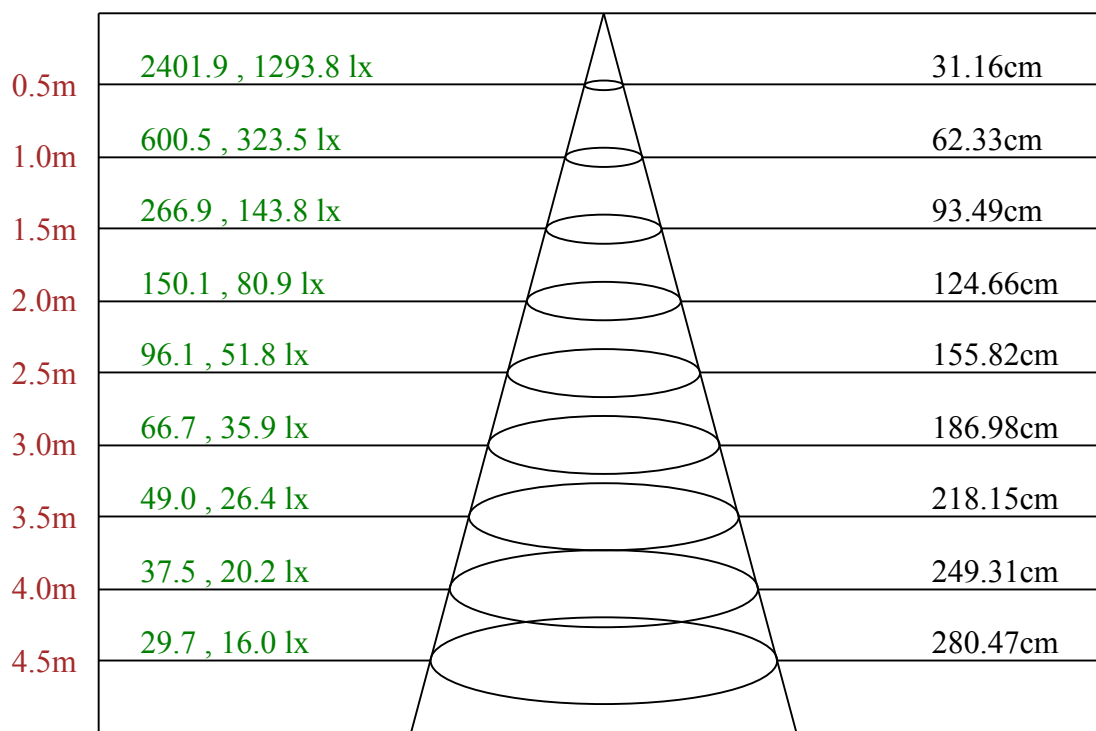
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/4/19  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

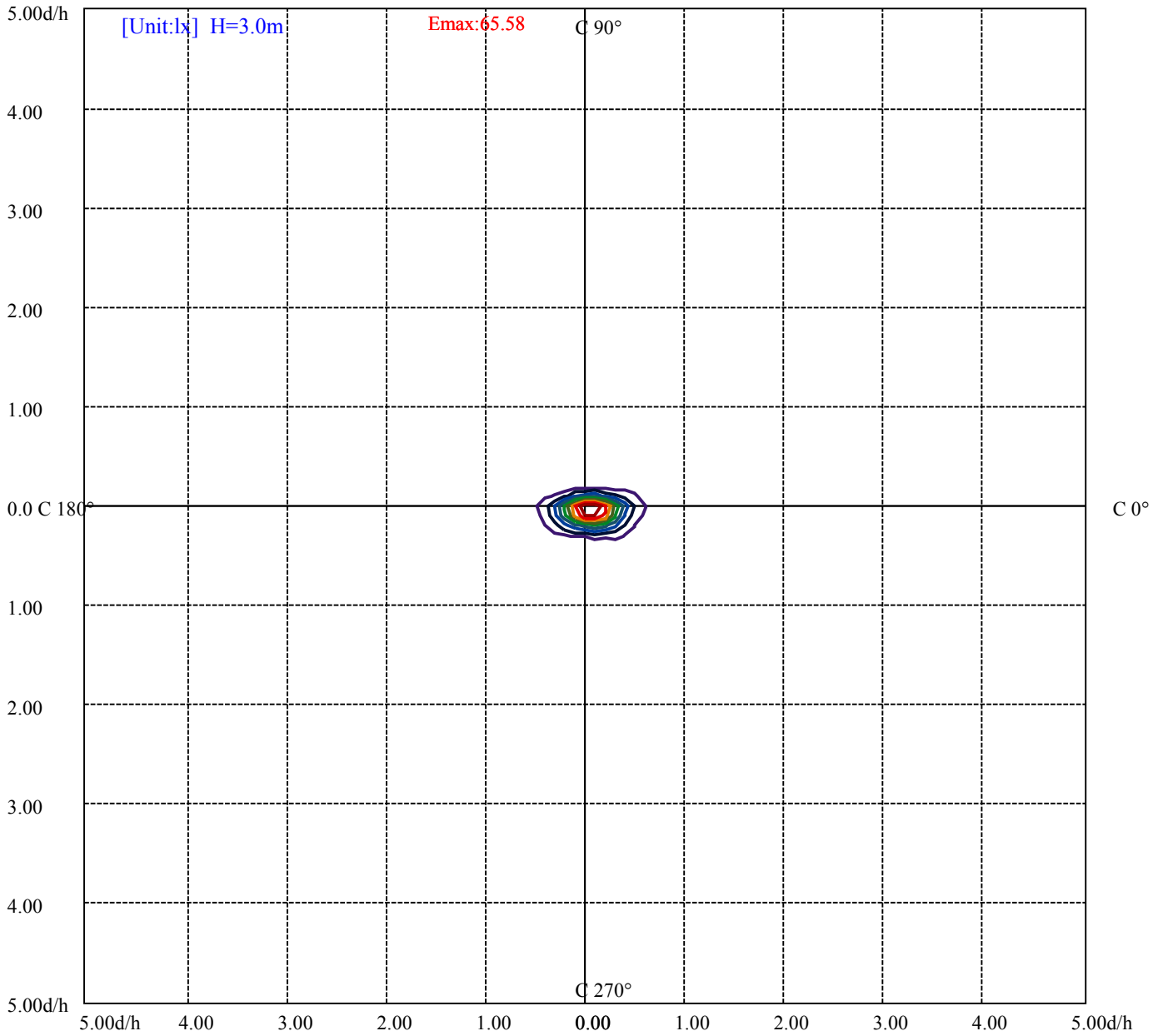


C0(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave C0面光束角34.44

ROLED 地埋灯  
平面等照度曲线



(10%Emax) 6.557922	——
(20%Emax) 13.11589	——
(30%Emax) 19.67378	——
(40%Emax) 26.23167	——
(50%Emax) 32.78955	——
(60%Emax) 39.34755	——
(70%Emax) 45.90544	——
(80%Emax) 52.46333	——
(90%Emax) 59.02122	——

# ROLED 地埋灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

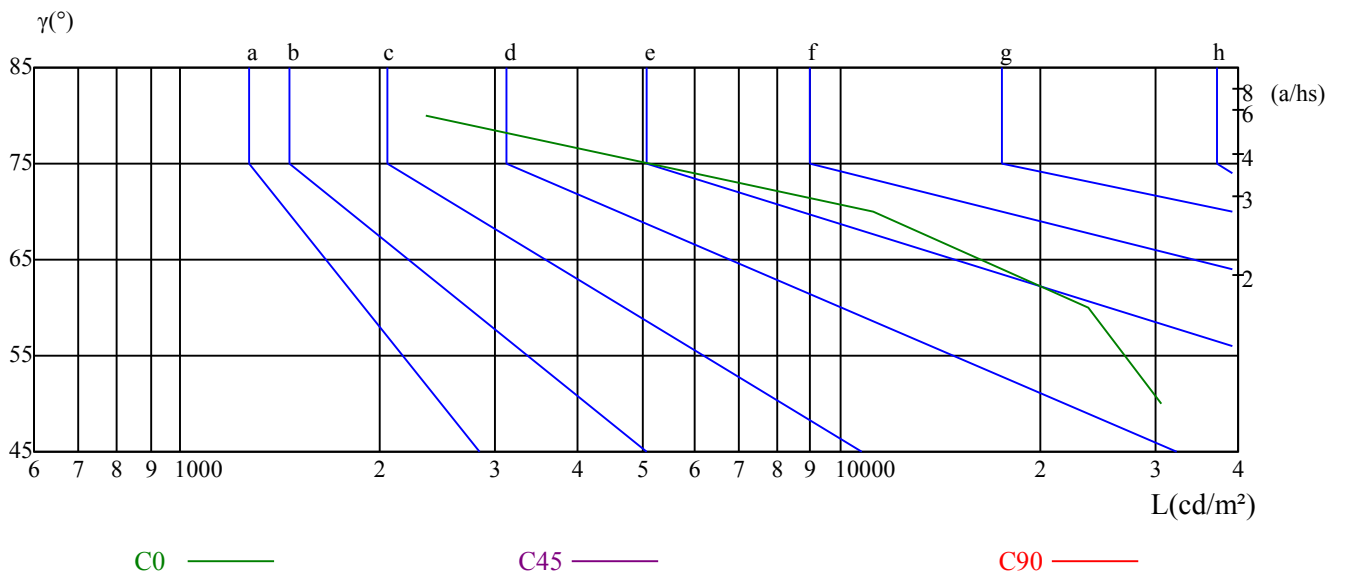
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	30562	0	23738	0	11168	0	2357	0
C45	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

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

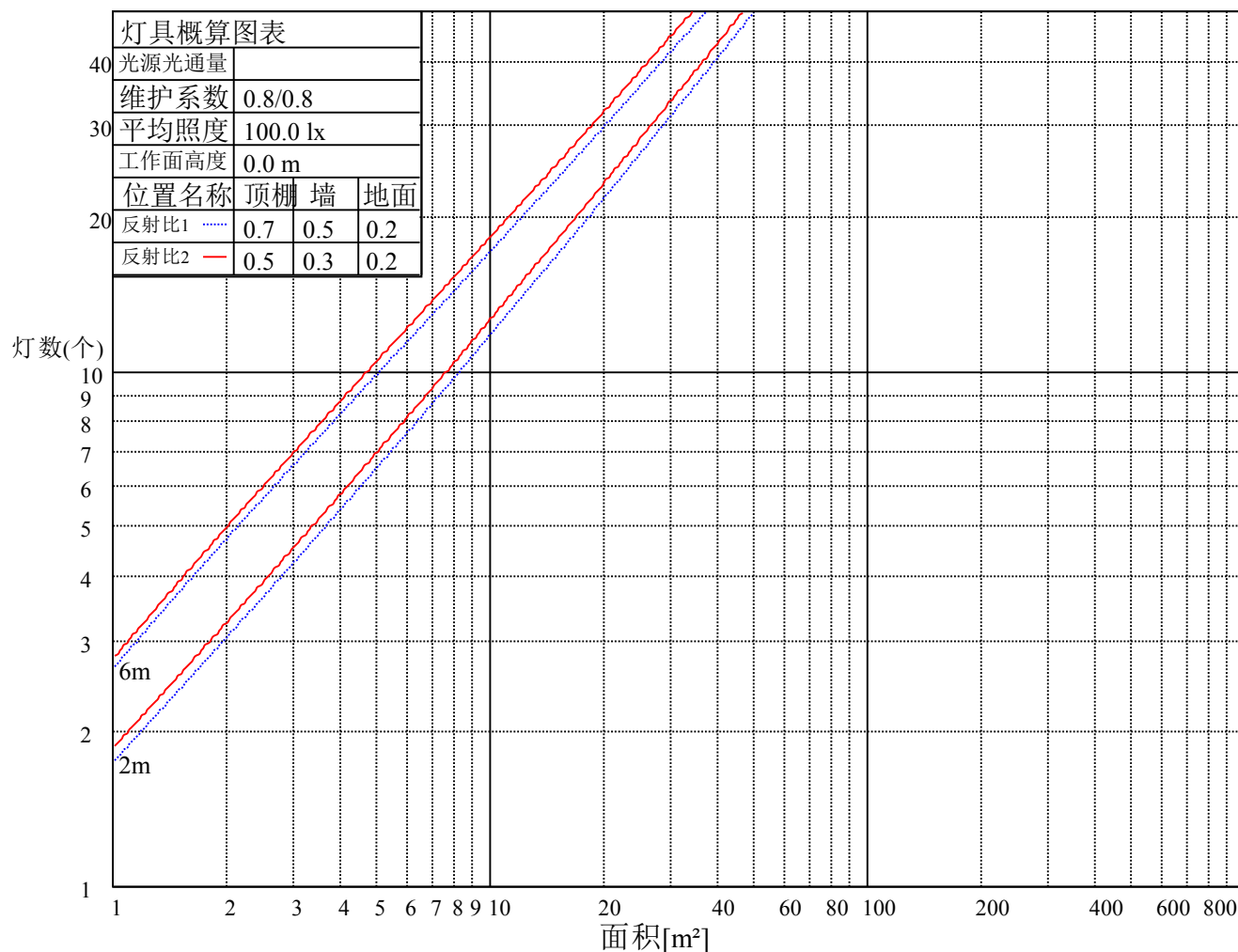
眩光等级表

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	16.99	18.04	17.36	18.35	18.67	23.25	24.30	23.62	24.61	24.92
	3H	20.68	21.61	21.06	21.94	22.31	24.21	25.13	24.59	25.47	25.83
	4H	22.64	23.50	23.04	23.85	24.24	24.29	25.15	24.70	25.51	25.90
	6H	24.76	25.54	25.17	25.92	26.31	24.30	25.09	24.72	25.46	25.86
	8H	25.86	26.60	26.29	26.99	27.40	24.29	25.03	24.72	25.42	25.83
	12H	27.57	28.27	28.00	28.66	29.09	24.30	25.01	24.74	25.39	25.82
4H	2H	17.40	18.26	17.81	18.61	19.00	23.08	23.94	23.49	24.29	24.68
	3H	21.42	22.13	21.83	22.53	22.94	24.10	24.81	24.52	25.21	25.62
	4H	23.60	24.23	24.03	24.65	25.10	24.27	24.90	24.71	25.32	25.77
	6H	25.81	26.35	26.27	26.80	27.27	24.38	24.92	24.85	25.37	25.84
	8H	27.08	27.59	27.56	28.04	28.51	24.42	24.93	24.90	25.38	25.85
	12H	28.79	29.23	29.28	29.71	30.19	24.50	24.94	24.99	25.42	25.90
8H	4H	23.90	24.41	24.38	24.86	25.33	24.49	24.99	24.96	25.44	25.92
	6H	26.44	26.84	26.95	27.34	27.83	24.82	25.22	25.33	25.72	26.21
	8H	27.92	28.28	28.45	28.80	29.30	25.02	25.38	25.55	25.90	26.39
	12H	29.81	30.12	30.33	30.62	31.20	25.67	25.99	26.19	26.48	27.06
12H	4H	23.92	24.36	24.41	24.85	25.33	24.62	25.06	25.11	25.55	26.03
	6H	26.88	26.90	27.08	27.37	27.92	25.45	25.47	25.64	25.94	26.49
	8H	28.14	28.45	28.66	28.95	29.53	25.46	25.77	25.98	26.27	26.85
对应照射距离，改变观察者位置S											
S = 1.0H	5.0/负无穷大					2.3/-2.3					
S = 1.5H	6.7/负无穷大					4.2/-6.6					
S = 2.0H	7.2/负无穷大					6.9/-11.8					
标准表格	BK12					BK1					
更正系数	-18.9					2.0					



# 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	1.08	1.06	1.09	1.07	1.05	1.05	1.03	1.01	1.01	1.00	0.98	0.98	0.96	0.95	0.94
2	1.04	1.00	0.97	1.02	0.99	0.96	0.99	0.96	0.94	0.96	0.94	0.92	0.94	0.92	0.90	0.89
3	0.98	0.94	0.90	0.97	0.93	0.90	0.94	0.91	0.88	0.92	0.89	0.87	0.90	0.88	0.86	0.84
4	0.93	0.89	0.85	0.92	0.88	0.84	0.90	0.86	0.83	0.88	0.85	0.82	0.87	0.84	0.82	0.80
5	0.89	0.84	0.80	0.88	0.84	0.80	0.87	0.83	0.79	0.85	0.81	0.79	0.84	0.80	0.78	0.77
6	0.85	0.80	0.77	0.85	0.80	0.76	0.83	0.79	0.76	0.82	0.78	0.75	0.81	0.77	0.75	0.74
7	0.82	0.77	0.73	0.81	0.77	0.73	0.80	0.76	0.73	0.79	0.75	0.72	0.78	0.75	0.72	0.71
8	0.79	0.74	0.71	0.78	0.74	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.76	0.72	0.70	0.68
9	0.76	0.71	0.68	0.76	0.71	0.68	0.75	0.71	0.68	0.74	0.70	0.68	0.73	0.70	0.67	0.66
10	0.74	0.69	0.66	0.73	0.69	0.66	0.73	0.68	0.66	0.72	0.68	0.65	0.71	0.68	0.65	0.64



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	584.05	600.01	600.47	598.86	576.30	547.45	505.16	463.57	409.63
30.0	576.68	595.10	559.95	495.49	415.61	281.40	155.32	86.48	35.22
60.0	580.75	558.73	446.84	239.50	96.84	21.41	11.28	13.12	17.19
90.0	580.90	554.74	422.13	171.28	43.82	12.89	13.20	18.11	22.41
120.0	583.51	537.70	407.78	210.80	73.44	15.96	9.21	11.36	15.58
150.0	587.81	549.90	489.74	402.80	309.79	188.16	94.62	44.97	19.26
180.0	584.05	549.82	509.31	461.88	409.32	357.60	304.03	256.23	209.19
210.0	576.68	537.93	502.55	460.43	418.07	367.50	318.15	266.82	212.26
240.0	580.75	555.12	533.94	506.16	458.58	365.58	265.97	190.46	125.16
270.0	580.90	573.23	562.95	535.71	453.60	334.65	231.59	151.56	85.33
300.0	583.51	588.04	587.81	568.63	526.73	442.70	342.33	245.87	162.61
330.0	587.81	593.41	592.57	588.81	575.38	545.91	511.69	454.67	388.52
360.0	584.05	600.01	600.47	598.86	576.30	547.45	505.16	463.57	409.63
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	356.68	305.95	255.31	209.49	167.36	136.13	106.51	84.56	68.45
30.0	14.73	8.52	6.52	5.91	5.91	6.06	5.99	5.68	5.22
60.0	20.41	17.73	5.91	0.84	0.15	0.00	0.00	0.00	0.00
90.0	13.51	3.45	0.23	0.00	0.00	0.00	0.00	0.00	0.00
120.0	17.80	10.44	3.91	0.54	0.08	0.08	0.00	0.00	0.00
150.0	9.06	5.99	5.22	5.14	5.53	5.45	5.91	5.22	3.68
180.0	170.89	139.20	114.03	90.86	74.05	61.47	50.72	43.13	35.53
210.0	166.60	126.31	94.85	73.82	53.64	41.59	32.61	26.01	20.34
240.0	73.74	48.65	31.23	20.80	14.58	10.82	8.90	7.60	6.60
270.0	51.41	29.24	19.72	14.20	11.28	8.82	7.14	6.29	5.76
300.0	108.89	63.23	37.60	25.48	18.49	13.58	10.67	8.52	7.06
330.0	318.54	246.33	185.32	142.81	105.59	73.67	51.87	38.45	29.47
360.0	356.68	305.95	255.31	209.49	167.36	136.13	106.51	84.56	68.45
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	55.71	46.96	40.36	35.45	30.39	27.17	24.63	22.10	19.95
30.0	3.84	2.99	1.92	1.07	0.54	0.23	0.08	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	2.61	1.69	1.00	0.54	0.31	0.15	0.08	0.08	0.00
180.0	30.31	26.86	24.17	21.64	20.18	18.65	17.50	15.73	14.27
210.0	15.88	12.74	10.59	8.67	6.83	5.68	4.83	3.99	3.30
240.0	5.91	5.22	4.68	4.30	3.99	3.84	3.76	3.91	3.76
270.0	5.60	5.37	5.22	5.14	5.22	5.29	5.37	5.45	5.53
300.0	6.06	5.37	4.91	4.68	4.53	4.37	4.30	4.37	4.30
330.0	23.48	18.80	15.58	12.89	10.97	9.21	7.67	6.37	5.45
360.0	55.71	46.96	40.36	35.45	30.39	27.17	24.63	22.10	19.95
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	18.34	16.73	15.19	13.35	12.05	10.74	7.98	6.06	4.30
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	12.97	11.51	8.59	6.68	4.68	3.61	1.92	0.84	0.54
210.0	2.61	2.53	2.38	2.23	2.23	2.15	2.15	2.07	2.07
240.0	3.91	3.76	3.76	3.76	3.76	3.76	3.68	3.68	3.68
270.0	5.53	5.37	5.29	5.37	5.29	5.29	5.22	5.22	5.22
300.0	4.37	4.37	4.37	4.45	4.45	4.37	4.37	4.37	4.30
330.0	4.76	4.07	3.53	3.15	2.61	2.46	2.46	2.30	2.30
360.0	18.34	16.73	15.19	13.35	12.05	10.74	7.98	6.06	4.30

# 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	3.30	1.61	0.77	0.54	0.46	0.46	0.38	0.31	0.23
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.38	0.46	0.31	0.23	0.23	0.15	0.08	0.08	0.08
210.0	2.00	2.00	2.00	2.00	1.92	1.92	1.84	1.76	1.76
240.0	3.61	3.61	3.45	3.45	3.45	3.22	3.22	3.07	2.92
270.0	5.22	5.14	5.14	4.99	4.99	4.91	4.76	4.37	4.14
300.0	4.30	4.37	4.30	4.22	4.22	4.14	3.91	3.68	3.45
330.0	2.23	2.30	2.15	2.15	2.15	2.07	2.07	2.00	1.92
360.0	3.30	1.61	0.77	0.54	0.46	0.46	0.38	0.31	0.23
C/γ(°)	90.0								
0.0	0.23								
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	1.69								
240.0	2.76								
270.0	3.84								
300.0	3.30								
330.0	1.84								
360.0	0.23								