

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: G3083S6-27-36DC (10-OD-27WN-AA, P1)

报告编号:

电压(V): 35.8000

测试编号: 202104070013

电流(A): 0.7210

光源规格型号: OD

功率(W): 25.8000

每个光源光通量(lm)

功率因数: 1.0350

光源数量: 27

镇流器型号:

发光面长度(mm): 960

发光面宽度(mm): 45

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 2457.23

灯具效能(lm/w): 95.24

中心光强(cd): 21263.990

最大光强(cd): 21509.550

最大光强角度: C=90.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=13.6

[C90/270]Total=13.1

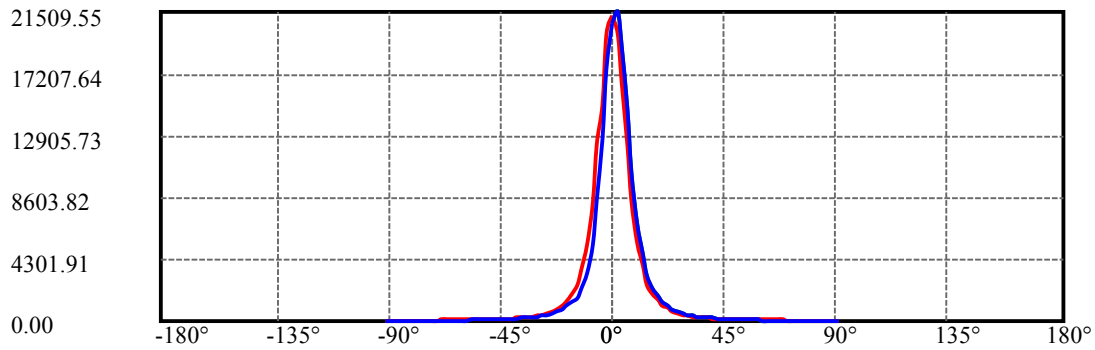
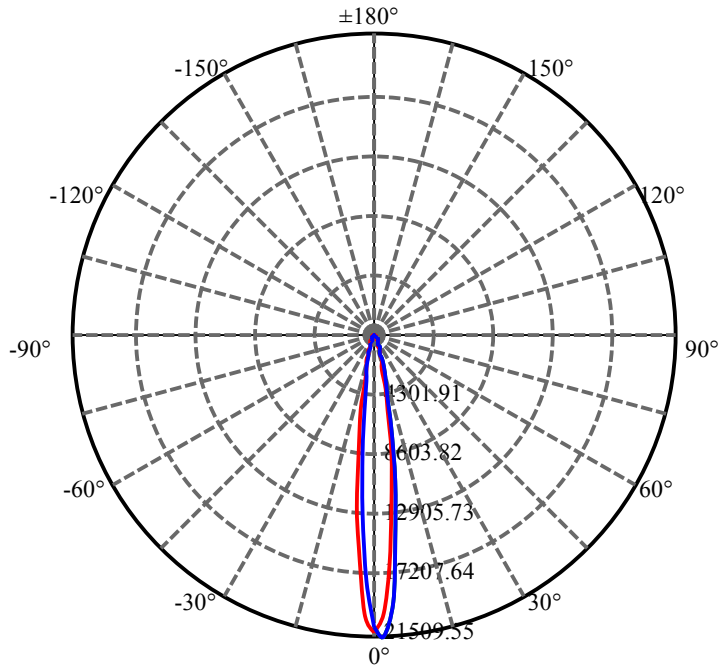
光束扩散角(10%Imax): [C0/180]Total=30.3

[C90/270]Total=29.6

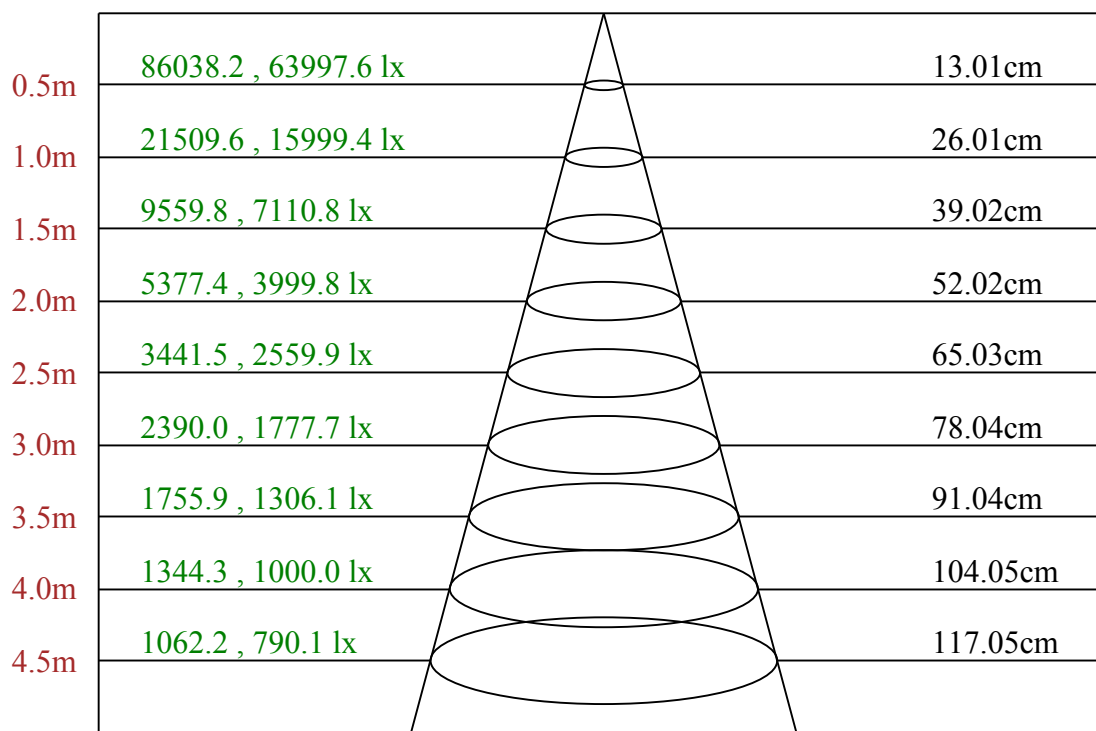
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/7
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

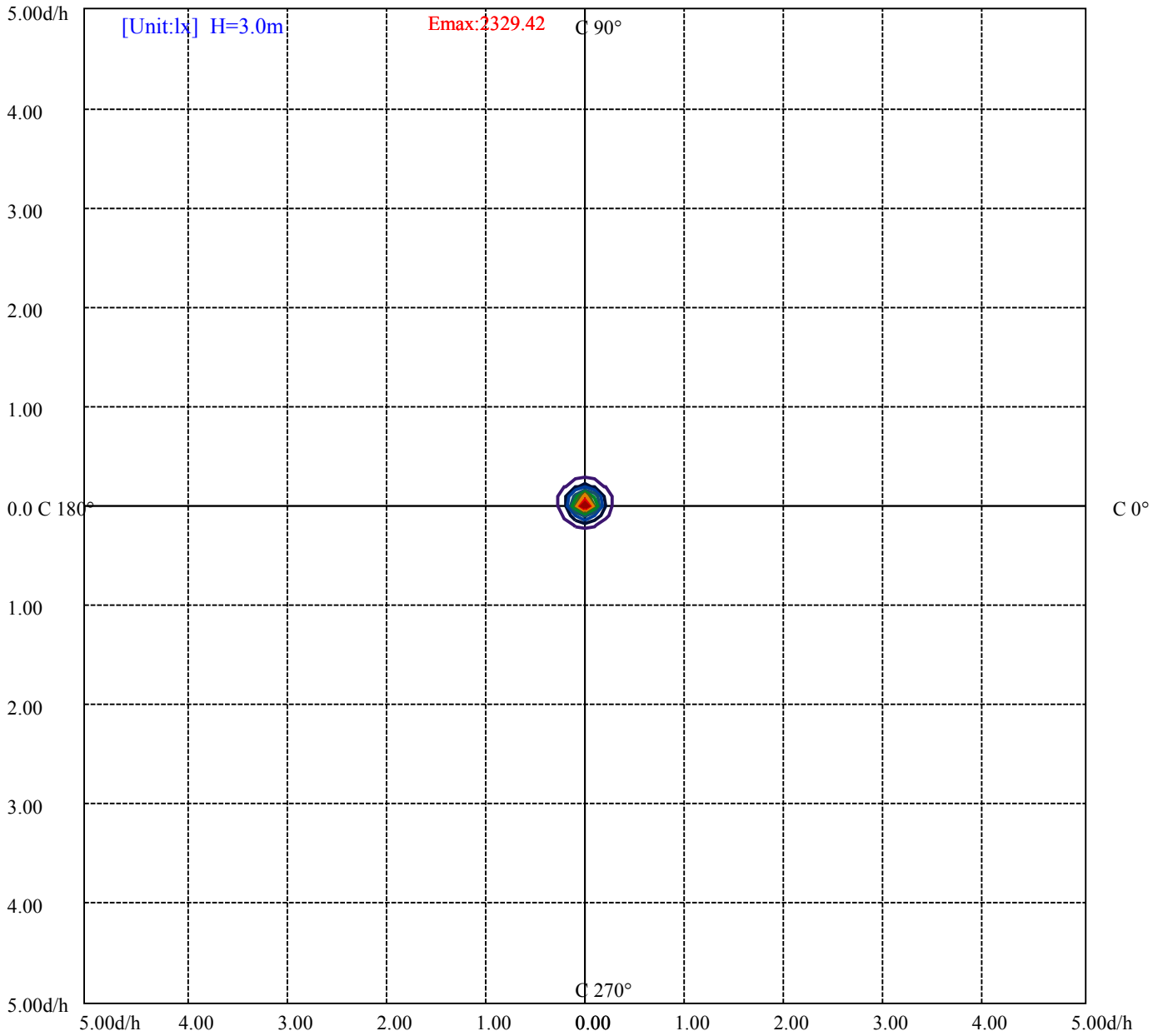


C90(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C90面光束角14.81

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 232.9411
- (20%Emax) 465.8834
- (30%Emax) 698.8245
- (40%Emax) 931.7655
- (50%Emax) 1164.711
- (60%Emax) 1397.644
- (70%Emax) 1630.589
- (80%Emax) 1863.533
- (90%Emax) 2096.478

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/7
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

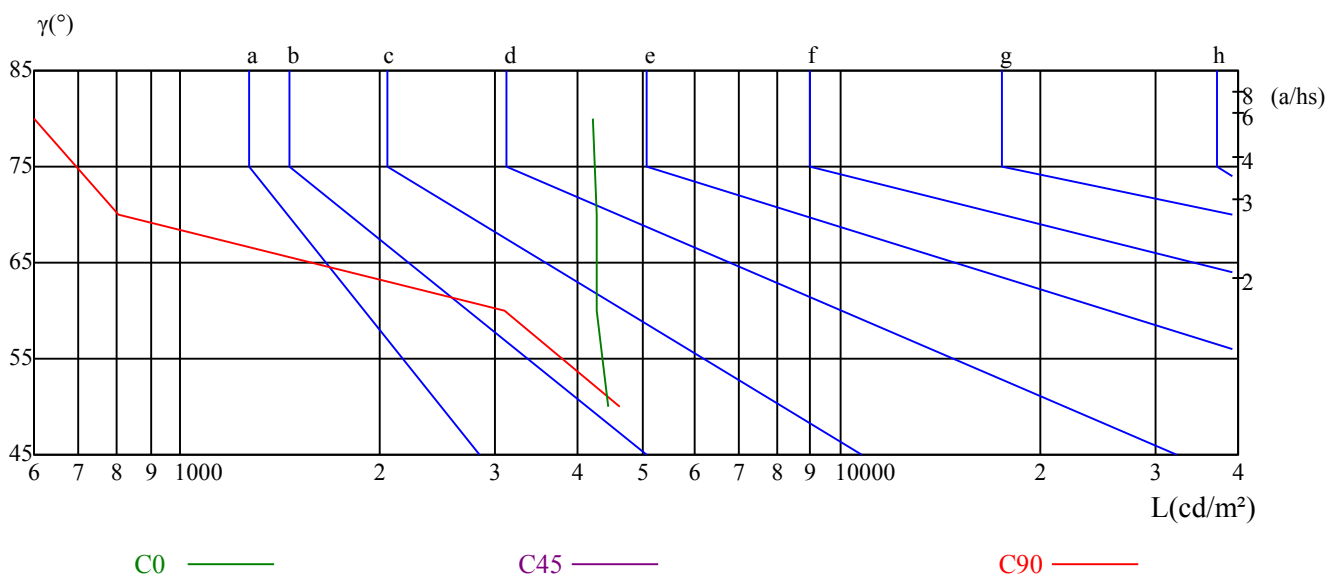
γ	45	50	55	60	65	70	75	80	85
C0	0	4435	0	4281	0	4269	0	4204	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4626	0	3091	0	805	0	246	0

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

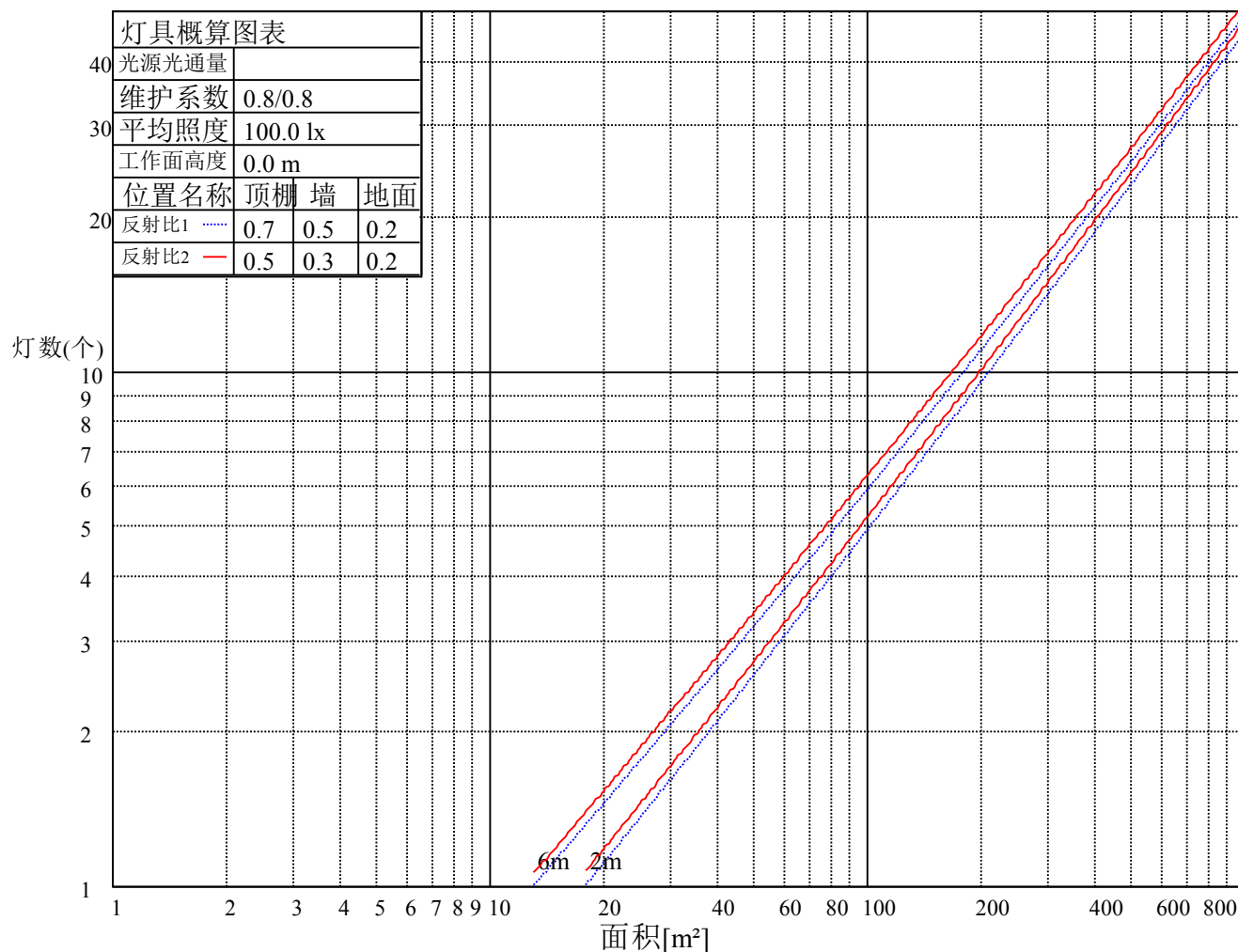
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	8.75	9.80	9.12	10.11	10.43	10.10	11.15	10.47	11.46	11.78
	3H	8.92	9.85	9.30	10.18	10.55	12.01	12.93	12.39	13.26	13.63
	4H	8.85	9.70	9.25	10.06	10.45	12.69	13.55	13.10	13.90	14.29
	6H	8.75	9.54	9.17	9.91	10.31	13.20	13.99	13.62	14.36	14.76
	8H	8.70	9.44	9.13	9.83	10.24	13.38	14.12	13.82	14.51	14.92
	12H	8.65	9.35	9.08	9.74	10.17	13.62	14.32	14.05	14.71	15.14
4H	2H	9.30	10.16	9.71	10.51	10.90	10.40	11.26	10.81	11.61	12.00
	3H	9.51	10.21	9.92	10.62	11.02	12.54	13.24	12.95	13.65	14.05
	4H	9.42	10.05	9.86	10.47	10.92	13.28	13.90	13.71	14.33	14.77
	6H	9.33	9.86	9.80	10.31	10.79	13.76	14.29	14.23	14.74	15.22
	8H	9.26	9.76	9.74	10.21	10.69	13.96	14.46	14.43	14.91	15.38
	12H	9.21	9.64	9.70	10.13	10.60	14.20	14.63	14.69	15.12	15.60
8H	4H	9.62	10.12	10.09	10.57	11.04	13.18	13.68	13.66	14.13	14.60
	6H	9.52	9.91	10.03	10.42	10.90	13.67	14.06	14.17	14.56	15.05
	8H	9.46	9.81	9.99	10.33	10.83	13.89	14.24	14.42	14.76	15.26
	12H	10.11	10.41	10.63	10.91	11.49	14.73	15.04	15.25	15.53	16.11
12H	4H	9.59	10.02	10.08	10.51	10.99	13.12	13.55	13.61	14.04	14.52
	6H	9.80	9.84	10.02	10.31	10.86	13.91	13.95	14.14	14.42	14.97
	8H	9.44	9.74	9.96	10.24	10.82	13.84	14.14	14.36	14.64	15.22
对应照射距离，改变观察者位置S											
S = 1.0H		0.7/-0.8					0.3/-0.6				
S = 1.5H		1.3/-2.1					0.9/-0.8				
S = 2.0H		3.9/-4.2					1.1/-0.9				
标准表格		BK2					BK2				
更正系数		-4.0					-1.8				

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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.95
2	1.05	1.02	0.99	1.04	1.01	0.98	1.01	0.98	0.96	0.98	0.96	0.94	0.95	0.93	0.92	0.90
3	1.00	0.96	0.92	0.99	0.95	0.92	0.96	0.93	0.90	0.94	0.91	0.89	0.92	0.89	0.88	0.86
4	0.95	0.91	0.87	0.94	0.90	0.87	0.92	0.89	0.86	0.90	0.87	0.85	0.89	0.86	0.84	0.83
5	0.91	0.87	0.83	0.90	0.86	0.83	0.89	0.85	0.82	0.87	0.84	0.81	0.86	0.83	0.81	0.79
6	0.88	0.83	0.80	0.87	0.83	0.79	0.86	0.82	0.79	0.84	0.81	0.78	0.83	0.80	0.78	0.77
7	0.85	0.80	0.77	0.84	0.80	0.77	0.83	0.79	0.76	0.82	0.78	0.76	0.81	0.78	0.76	0.74
8	0.82	0.78	0.74	0.82	0.77	0.74	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.73	0.72
9	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.75	0.72	0.78	0.74	0.72	0.77	0.74	0.71	0.70
10	0.78	0.73	0.70	0.77	0.73	0.70	0.76	0.73	0.70	0.76	0.72	0.70	0.75	0.72	0.70	0.69

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	21263.99	19882.71	16536.95	12208.95	8471.83	5479.06	3890.60	2508.55	1857.05
30.0	20911.00	21018.43	18509.11	14388.30	10137.04	6821.97	4481.48	3133.96	2258.39
60.0	21018.43	21240.97	18501.44	14169.60	9964.38	6537.28	4362.53	3081.78	2257.62
90.0	20772.87	21509.55	19107.66	14756.64	10467.01	6852.67	4611.93	3200.73	2334.36
120.0	21133.54	21118.19	18163.79	13957.80	9563.04	6385.34	4252.03	2956.70	2204.67
150.0	21056.80	20964.71	18033.34	13981.59	9738.00	6515.02	4281.96	2952.86	2172.44
180.0	21263.99	19944.10	15154.91	12269.57	8280.75	5356.28	3608.97	2487.83	1814.84
210.0	20911.00	18225.18	13921.74	9854.64	6389.94	4163.78	2797.85	1985.97	1495.23
240.0	21018.43	18240.53	13728.36	9492.44	6069.94	3913.62	2558.43	1869.33	1403.53
270.0	20772.87	17496.17	12732.30	8444.97	5393.12	3398.71	2315.94	1592.31	1309.60
300.0	21133.54	18309.59	13797.42	9569.18	6108.31	3921.29	2607.54	1869.33	1403.53
330.0	21056.80	18524.46	14485.76	10171.57	6604.81	4295.00	2867.68	2025.11	1520.79
360.0	21263.99	19882.71	16536.95	12208.95	8471.83	5479.06	3890.60	2508.55	1857.05
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1415.81	1103.49	874.04	692.94	562.49	449.68	387.52	315.85	270.35
30.0	1704.34	1320.65	1045.93	822.63	653.04	528.72	429.73	359.59	302.42
60.0	1747.32	1362.25	1063.20	838.36	670.53	535.32	435.72	363.51	305.95
90.0	1776.48	1396.62	1090.44	858.69	689.10	550.98	452.75	389.06	316.85
120.0	1613.02	1321.34	1047.54	828.00	656.11	530.87	432.19	356.98	300.27
150.0	1640.65	1272.31	995.29	793.47	630.02	511.07	415.92	345.70	294.75
180.0	1393.55	1093.89	857.62	689.33	552.28	448.38	374.33	313.93	267.51
210.0	1176.00	924.30	733.00	595.94	482.68	400.49	333.42	285.77	246.94
240.0	1093.51	875.58	696.01	560.18	457.36	388.29	322.30	278.63	241.49
270.0	1029.05	824.85	658.02	539.24	441.93	367.73	312.78	269.04	237.20
300.0	1108.09	878.65	697.54	567.86	464.26	389.83	323.22	278.63	241.11
330.0	1195.50	939.19	753.03	605.00	488.51	403.95	337.34	286.31	247.79
360.0	1415.81	1103.49	874.04	692.94	562.49	449.68	387.52	315.85	270.35
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	234.66	206.65	185.09	167.29	152.55	140.12	131.14	123.16	116.10
30.0	259.53	226.68	202.59	182.02	165.29	152.02	140.89	131.91	124.16
60.0	262.90	229.37	204.43	183.56	166.83	151.71	139.43	129.23	120.55
90.0	271.65	238.50	211.57	189.54	171.36	154.86	142.12	128.46	114.03
120.0	259.37	226.45	200.75	181.10	163.60	148.72	136.67	127.08	118.18
150.0	253.85	222.54	198.29	179.87	163.45	150.56	139.66	130.61	122.70
180.0	231.90	205.50	183.40	165.83	152.02	139.97	130.45	122.55	115.80
210.0	219.01	195.60	177.26	163.07	149.64	139.82	131.22	123.93	117.02
240.0	213.94	193.00	174.58	159.77	147.18	136.82	127.61	119.33	110.35
270.0	211.49	191.38	173.96	159.46	146.49	136.36	124.85	112.88	100.68
300.0	214.71	192.69	174.27	159.31	147.26	136.36	127.23	119.17	109.96
330.0	220.08	197.14	179.80	164.83	151.17	140.20	131.68	123.70	116.72
360.0	234.66	206.65	185.09	167.29	152.55	140.12	131.14	123.16	116.10
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	109.81	103.90	97.84	92.47	87.25	81.27	75.74	69.52	63.08
30.0	117.41	110.89	104.52	98.45	91.93	85.79	79.50	72.13	64.15
60.0	111.42	102.52	93.08	82.11	70.91	57.55	44.66	34.30	23.79
90.0	101.45	90.09	79.42	66.76	53.72	42.67	32.23	21.41	11.89
120.0	109.27	100.22	90.40	79.58	68.83	55.63	42.36	32.46	22.02
150.0	115.57	109.20	102.44	95.69	88.02	79.65	72.06	64.23	56.79
180.0	109.43	103.75	97.99	92.39	86.71	81.11	75.05	69.14	63.08
210.0	110.73	104.75	98.38	92.24	85.79	80.11	72.90	65.23	56.94
240.0	102.44	93.93	83.87	73.51	61.77	48.81	37.29	27.17	15.73
270.0	90.17	79.04	66.76	55.02	43.66	33.00	22.41	11.28	5.29
300.0	101.68	93.01	83.03	72.67	61.85	48.50	37.45	27.32	15.42
330.0	110.66	104.29	98.15	92.47	86.41	80.34	73.05	65.38	57.17
360.0	109.81	103.90	97.84	92.47	87.25	81.27	75.74	69.52	63.08

ROLED 地理灯

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	56.71	50.26	43.43	37.29	31.54	24.40	17.42	9.59	2.61
30.0	55.48	44.97	29.85	18.03	7.14	4.07	2.61	0.84	0.61
60.0	13.58	5.06	3.91	3.22	2.46	1.15	1.07	0.92	0.61
90.0	5.37	4.37	3.84	2.92	1.84	1.07	1.07	0.92	0.54
120.0	11.59	4.76	3.91	3.22	2.30	1.15	1.07	0.84	0.54
150.0	49.73	40.36	26.93	16.04	5.99	3.61	2.38	0.84	0.61
180.0	56.56	49.88	43.28	37.29	31.16	24.94	17.88	10.13	3.15
210.0	47.04	33.46	19.95	9.06	4.14	2.84	1.07	0.69	0.23
240.0	6.29	4.14	3.45	2.61	1.46	1.07	0.92	0.61	0.23
270.0	4.45	3.84	2.76	1.76	1.15	1.07	0.92	0.54	0.08
300.0	6.37	4.22	3.61	2.69	1.53	1.00	0.92	0.61	0.08
330.0	48.27	34.99	21.72	9.82	4.30	2.99	1.15	0.77	0.38
360.0	56.71	50.26	43.43	37.29	31.54	24.40	17.42	9.59	2.61

C/γ(°)	90.0
0.0	0.15
30.0	0.23
60.0	0.08
90.0	0.08
120.0	0.08
150.0	0.08
180.0	0.15
210.0	0.08
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.08
360.0	0.15