

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083S6-27-36DC (45-OD-27WN-AA, P1)

报告编号:

电压(V): 35.6000

测试编号: 20210408004

电流(A): 0.7250

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): 2360.36

灯具效能(lm/w): 91.49

中心光强(cd): 3134.731

最大光强(cd): 3153.915

最大光强角度: $C=60.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=43.7

[C90/270]Total=43.2

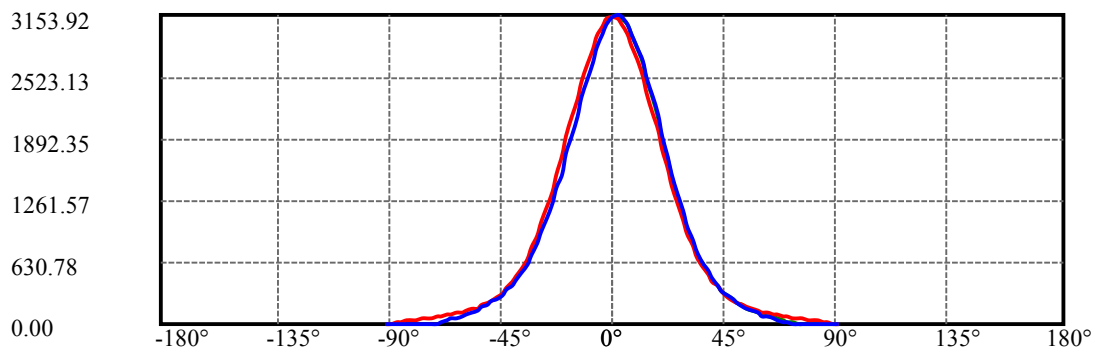
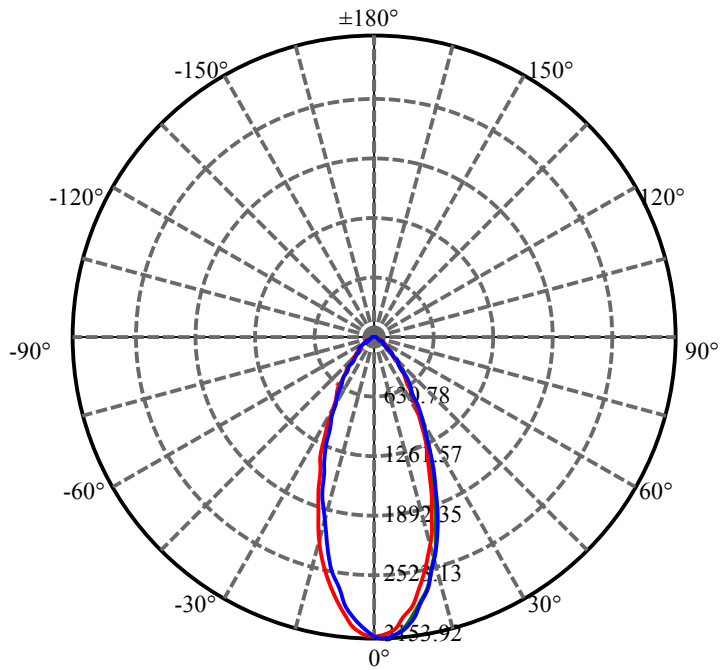
光束扩散角(10%Imax): [C0/180]Total=88.8

[C90/270]Total=88.6

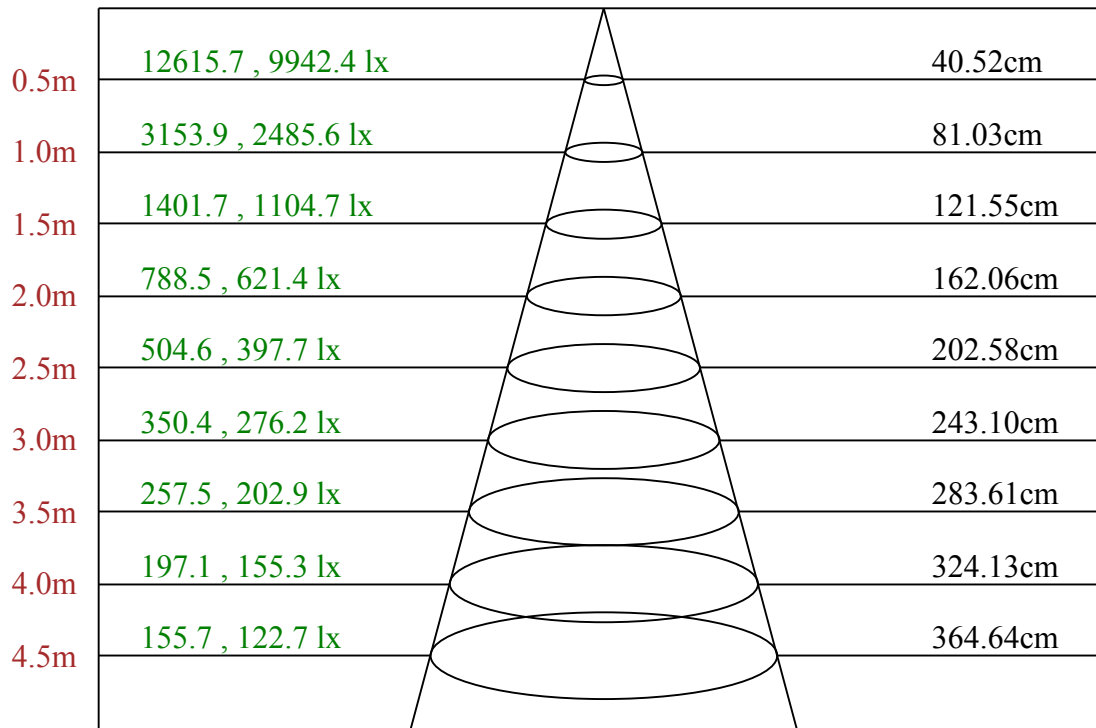
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/4/8
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

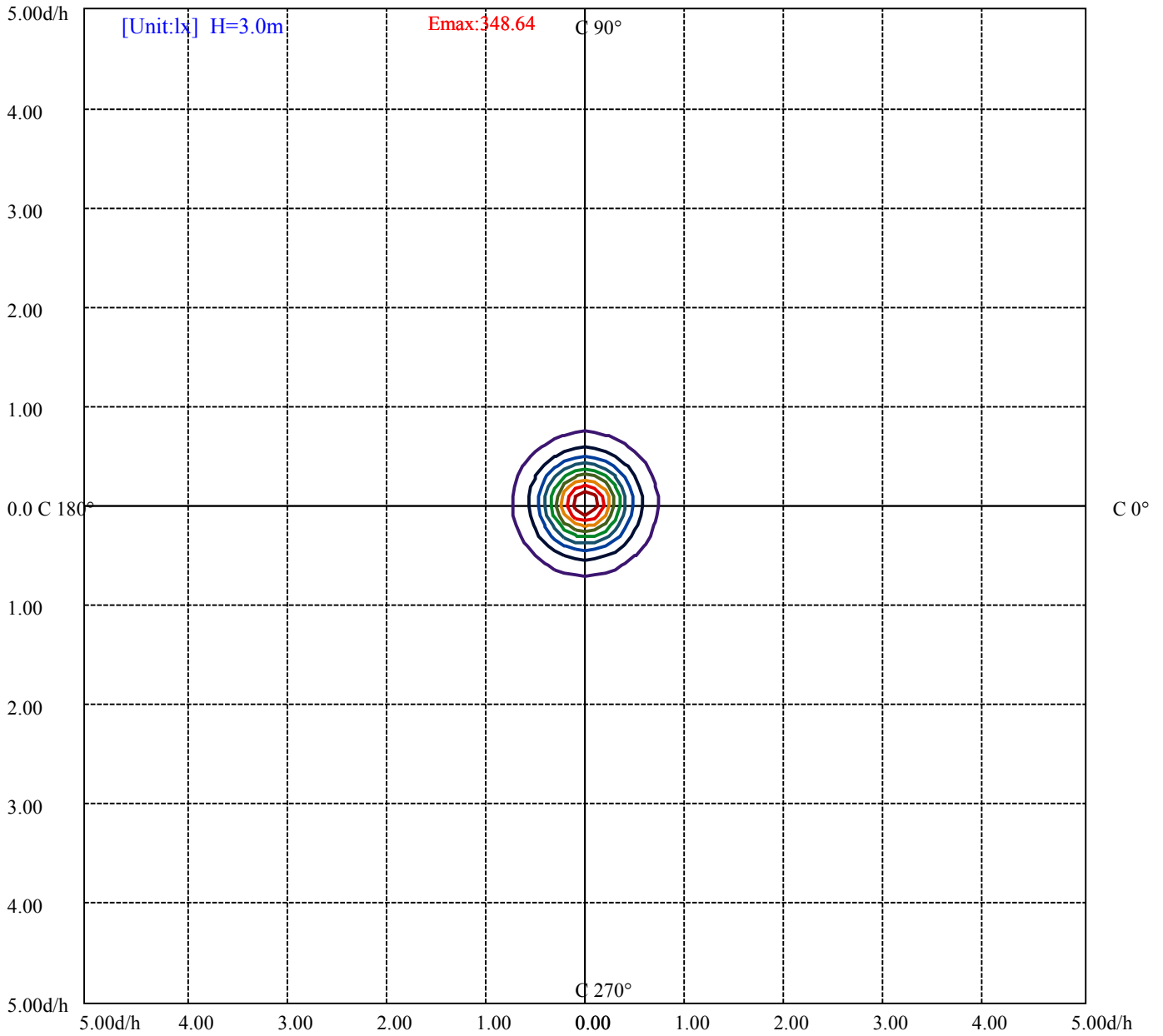


C60(Max): —
C0/C180: —
C90/C270: —



Max , Ave C60面光束角44.08

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 34.86444
- (20%Emax) 69.72889
- (30%Emax) 104.5934
- (40%Emax) 139.4578
- (50%Emax) 174.3222
- (60%Emax) 209.1867
- (70%Emax) 244.0511
- (80%Emax) 278.9156
- (90%Emax) 313.78

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环境湿度(%): 60.0%

测试人员: anpeilou
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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

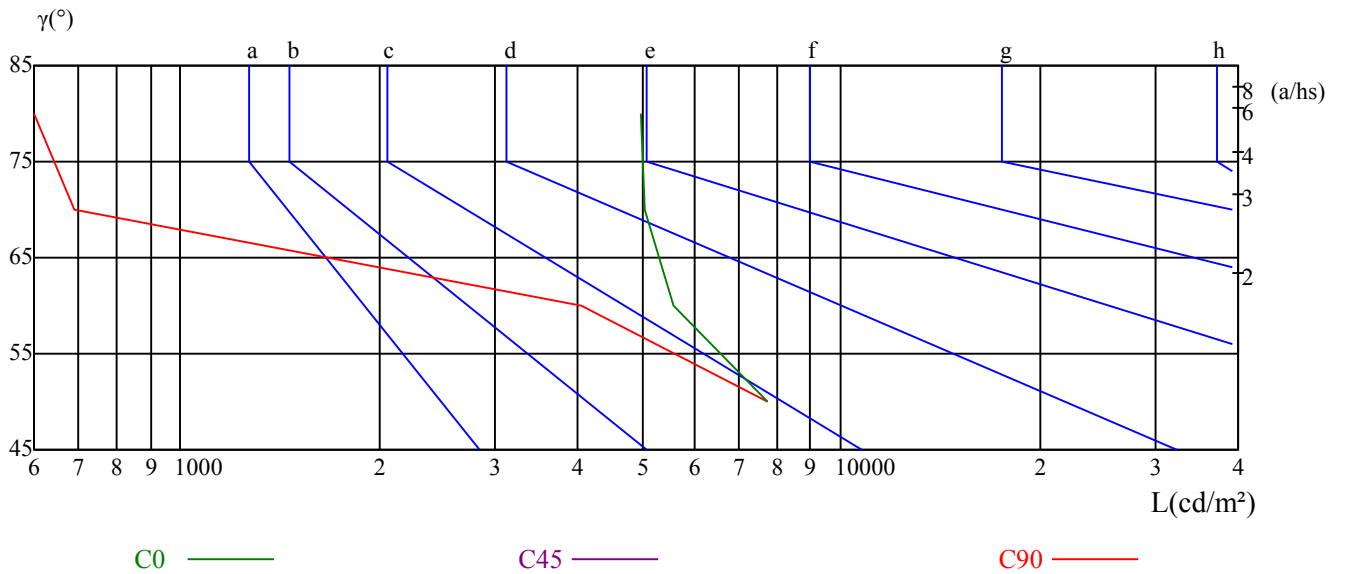
γ	45	50	55	60	65	70	75	80	85
C0	0	7741	0	5567	0	5038	0	4972	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7763	0	4036	0	691	0	235	0

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

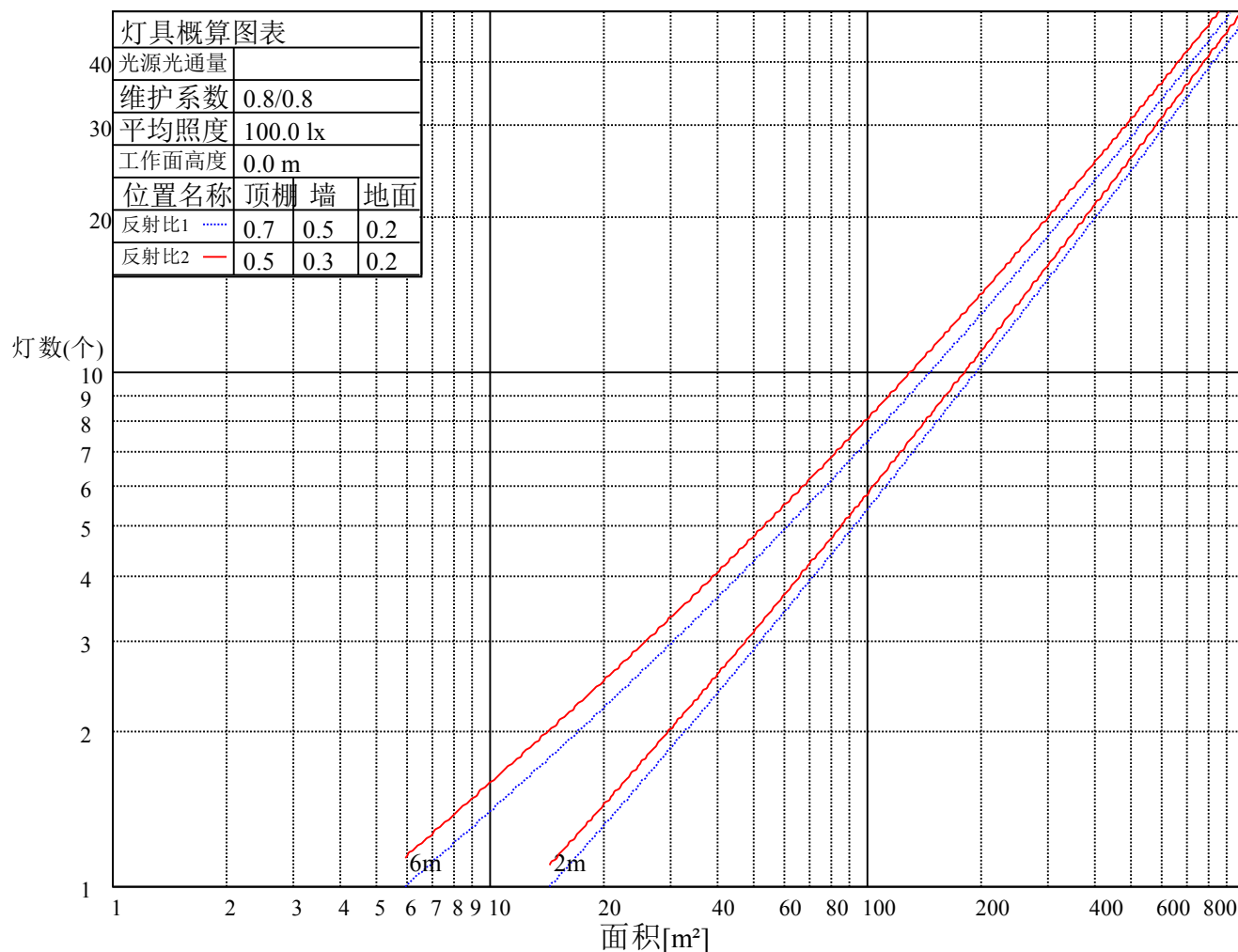
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

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	11.41	12.59	11.78	12.90	13.21	12.53	13.71	12.90	14.02	14.33
	3H	11.54	12.58	11.92	12.91	13.28	14.02	15.06	14.40	15.39	15.75
	4H	11.47	12.44	11.88	12.79	13.17	14.59	15.55	14.99	15.90	16.29
	6H	11.38	12.27	11.80	12.64	13.04	15.02	15.91	15.44	16.28	16.68
	8H	11.34	12.17	11.77	12.56	12.97	15.19	16.02	15.62	16.41	16.82
	12H	11.29	12.09	11.72	12.47	12.90	15.41	16.20	15.84	16.58	17.02
4H	2H	11.84	12.81	12.25	13.16	13.54	12.79	13.75	13.19	14.10	14.49
	3H	12.02	12.81	12.44	13.22	13.62	14.50	15.29	14.91	15.69	16.10
	4H	11.94	12.64	12.37	13.06	13.51	15.14	15.84	15.57	16.26	16.71
	6H	11.85	12.46	12.32	12.90	13.37	15.56	16.16	16.02	16.61	17.08
	8H	11.79	12.35	12.27	12.80	13.28	15.74	16.30	16.21	16.75	17.22
	12H	11.74	12.23	12.23	12.72	13.20	15.97	16.46	16.46	16.95	17.43
8H	4H	12.06	12.62	12.53	13.07	13.55	15.05	15.61	15.52	16.06	16.53
	6H	11.97	12.42	12.47	12.92	13.40	15.47	15.92	15.98	16.42	16.91
	8H	11.90	12.31	12.43	12.83	13.32	15.67	16.08	16.20	16.59	17.09
	12H	12.54	12.90	13.06	13.39	13.97	16.50	16.85	17.02	17.35	17.93
12H	4H	12.03	12.52	12.52	13.01	13.48	15.00	15.49	15.49	15.97	16.45
	6H	12.37	12.33	12.46	12.80	13.35	15.85	15.82	15.95	16.29	16.83
	8H	11.88	12.23	12.40	12.73	13.31	15.63	15.98	16.15	16.48	17.05
对应照射距离，改变观察者位置S											
S = 1.0H	1.5/-1.9					0.8/-1.1					
S = 1.5H	3.1/-3.7					1.6/-1.5					
S = 2.0H	5.6/-6.6					3.3/-1.7					
标准表格	BK1					BK2					
更正系数	-1.0					1.1					

ROLED 地埋灯 灯具的概算曲线



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	1.10	1.07	1.04	1.07	1.05	1.03	1.03	1.01	0.99	1.00	0.98	0.96	0.96	0.95	0.94	0.92
2	1.01	0.96	0.92	0.99	0.95	0.91	0.96	0.92	0.89	0.93	0.90	0.87	0.90	0.88	0.86	0.84
3	0.93	0.87	0.83	0.92	0.86	0.82	0.89	0.84	0.81	0.86	0.83	0.80	0.84	0.81	0.78	0.77
4	0.86	0.80	0.75	0.85	0.79	0.75	0.83	0.78	0.74	0.81	0.76	0.73	0.79	0.75	0.72	0.71
5	0.80	0.74	0.69	0.79	0.73	0.69	0.77	0.72	0.68	0.76	0.71	0.67	0.74	0.70	0.67	0.65
6	0.75	0.68	0.64	0.74	0.68	0.63	0.72	0.67	0.63	0.71	0.66	0.63	0.70	0.65	0.62	0.61
7	0.70	0.64	0.59	0.69	0.63	0.59	0.68	0.63	0.59	0.67	0.62	0.58	0.66	0.61	0.58	0.56
8	0.66	0.60	0.55	0.65	0.59	0.55	0.64	0.59	0.55	0.63	0.58	0.55	0.62	0.58	0.54	0.53
9	0.62	0.56	0.52	0.62	0.56	0.52	0.61	0.55	0.51	0.60	0.55	0.51	0.59	0.54	0.51	0.50
10	0.59	0.53	0.49	0.58	0.53	0.49	0.58	0.52	0.48	0.57	0.52	0.48	0.56	0.51	0.48	0.47

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	3134.73	3117.08	3051.85	2957.47	2834.69	2694.26	2528.50	2351.24	2158.63
30.0	3137.03	3148.54	3114.78	3037.27	2939.05	2804.76	2655.89	2482.46	2291.38
60.0	3138.57	3153.92	3122.45	3054.16	2951.33	2824.71	2669.70	2491.67	2306.73
90.0	3130.13	3153.15	3127.82	3061.83	2960.54	2830.08	2685.05	2513.92	2333.59
120.0	3135.50	3143.94	3100.20	3026.53	2919.87	2789.41	2632.10	2450.23	2263.76
150.0	3132.43	3130.89	3082.55	2995.84	2883.03	2747.97	2583.75	2404.96	2223.09
180.0	3134.73	3106.34	3034.97	2929.07	2791.71	2635.17	2473.25	2289.08	2106.45
210.0	3137.03	3078.71	2988.16	2865.38	2721.12	2546.15	2361.98	2166.30	1978.30
240.0	3138.57	3076.41	2974.35	2851.57	2698.86	2530.81	2340.50	2146.35	1946.83
270.0	3130.13	3057.23	2952.10	2817.80	2667.40	2487.83	2302.13	2107.98	1916.14
300.0	3135.50	3079.48	2988.93	2866.92	2720.35	2557.66	2371.96	2181.65	1982.90
330.0	3132.43	3086.39	3005.04	2893.01	2754.11	2599.10	2422.61	2232.30	2035.08
360.0	3134.73	3117.08	3051.85	2957.47	2834.69	2694.26	2528.50	2351.24	2158.63
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1974.46	1779.54	1580.03	1402.76	1227.80	1062.05	920.08	799.61	684.50
30.0	2101.08	1896.95	1690.53	1493.31	1315.28	1142.62	992.98	854.86	733.61
60.0	2104.14	1890.81	1680.55	1499.45	1308.53	1133.95	985.46	846.19	724.02
90.0	2131.00	1922.28	1711.25	1518.64	1326.03	1149.53	999.89	858.69	735.15
120.0	2062.71	1853.21	1647.56	1470.29	1283.28	1119.14	965.97	829.84	710.36
150.0	2023.57	1821.75	1632.21	1439.60	1259.26	1093.51	952.31	818.79	702.92
180.0	1913.84	1717.39	1524.55	1360.79	1188.20	1030.82	898.52	774.21	665.31
210.0	1787.22	1560.08	1429.54	1260.03	1108.01	954.62	834.06	719.34	624.87
240.0	1756.52	1583.86	1403.53	1245.45	1091.21	946.17	821.09	715.96	616.97
270.0	1741.18	1528.38	1397.55	1232.25	1074.94	933.82	816.87	705.45	609.22
300.0	1801.03	1616.86	1442.67	1270.77	1114.23	966.13	843.35	729.77	627.71
330.0	1853.98	1661.37	1491.17	1316.20	1150.30	999.05	865.60	750.80	646.59
360.0	1974.46	1779.54	1580.03	1402.76	1227.80	1062.05	920.08	799.61	684.50
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	591.65	508.77	434.33	387.52	326.29	280.86	244.26	214.94	188.16
30.0	632.32	541.00	462.73	396.73	345.70	298.59	261.21	228.37	200.90
60.0	624.64	533.33	455.13	392.67	336.80	289.61	250.24	218.86	190.16
90.0	633.85	541.77	461.96	394.43	341.41	292.52	252.93	215.56	183.40
120.0	612.98	523.20	446.54	385.45	330.74	284.31	245.56	214.79	186.55
150.0	607.76	519.51	448.91	388.29	333.42	288.61	252.77	221.16	194.91
180.0	576.68	495.11	425.05	368.80	318.31	275.49	239.88	211.49	186.24
210.0	540.00	468.41	403.10	349.77	302.96	264.44	234.28	206.73	185.09
240.0	536.40	464.26	399.80	349.92	302.12	264.36	232.13	206.04	181.10
270.0	531.33	458.28	398.73	343.63	299.51	260.60	228.75	197.60	169.74
300.0	546.37	471.17	405.94	352.07	307.79	267.12	234.36	207.50	182.02
330.0	561.95	482.68	415.07	358.90	312.09	271.42	238.12	210.72	186.86
360.0	591.65	508.77	434.33	387.52	326.29	280.86	244.26	214.94	188.16
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	166.67	148.41	133.29	120.25	109.58	99.38	90.47	82.03	74.44
30.0	178.03	159.46	142.96	128.92	116.95	105.97	95.69	84.49	73.67
60.0	165.91	143.65	122.86	103.44	86.79	69.91	54.10	40.13	25.02
90.0	154.70	130.30	107.97	87.17	69.68	53.49	38.68	21.95	10.21
120.0	162.61	140.74	120.02	100.99	83.72	67.91	52.49	38.60	23.64
150.0	174.04	155.39	139.28	125.85	112.50	99.53	87.48	74.97	64.38
180.0	165.14	148.18	132.83	120.32	109.12	99.14	90.17	81.88	74.44
210.0	166.14	149.33	135.21	123.16	112.42	102.52	92.78	81.73	70.60
240.0	159.23	140.74	122.01	103.90	87.02	71.83	56.71	42.67	26.24
270.0	146.11	122.55	102.75	85.03	68.53	52.80	37.60	21.41	9.13
300.0	159.61	139.74	121.71	103.60	87.94	71.90	56.86	42.05	27.32
330.0	167.90	150.56	135.98	123.62	113.03	102.83	92.55	82.03	71.06
360.0	166.67	148.41	133.29	120.25	109.58	99.38	90.47	82.03	74.44

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	66.68	58.93	51.64	44.51	37.29	29.47	21.41	12.28	3.61
30.0	61.31	47.96	34.15	19.57	7.67	4.60	2.69	1.00	0.61
60.0	10.97	5.29	4.60	3.68	2.38	1.23	1.15	0.92	0.54
90.0	5.68	5.14	4.22	2.92	1.76	1.38	1.23	1.00	0.46
120.0	10.21	5.22	4.53	3.53	2.30	1.30	1.15	0.84	0.38
150.0	54.71	43.13	30.08	16.58	6.14	4.07	2.30	0.92	0.54
180.0	66.61	59.24	51.57	44.35	37.29	29.77	21.72	12.82	4.45
210.0	58.32	45.04	30.46	15.58	5.45	3.99	1.76	0.92	0.46
240.0	12.43	5.45	4.68	3.68	2.30	1.23	1.15	0.92	0.46
270.0	5.68	4.99	3.91	2.61	1.53	1.30	1.23	0.92	0.31
300.0	12.74	5.53	4.76	3.76	2.46	1.30	1.07	0.92	0.38
330.0	59.70	45.28	31.62	17.04	5.60	4.07	2.00	0.92	0.46
360.0	66.68	58.93	51.64	44.51	37.29	29.47	21.41	12.28	3.61
C/γ(°)	90.0								
0.0	0.15								
30.0	0.15								
60.0	0.00								
90.0	0.00								
120.0	0.08								
150.0	0.15								
180.0	0.15								
210.0	0.15								
240.0	0.08								
270.0	0.08								
300.0	0.00								
330.0	0.08								
360.0	0.15								