

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G1032A-6-UN(15-OL-6WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210322009

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: 0.9260

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

光度结果

灯具光通量(lm): 648.05

灯具效能(lm/w): 90.01

中心光强(cd): 5297.197

最大光强(cd): 5325.590

最大光强角度: $C=60.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=14.1

[C90/270]Total=14.5

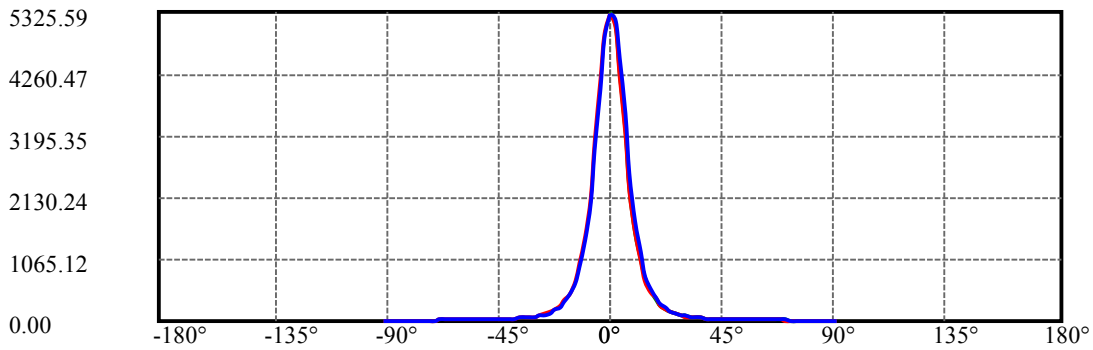
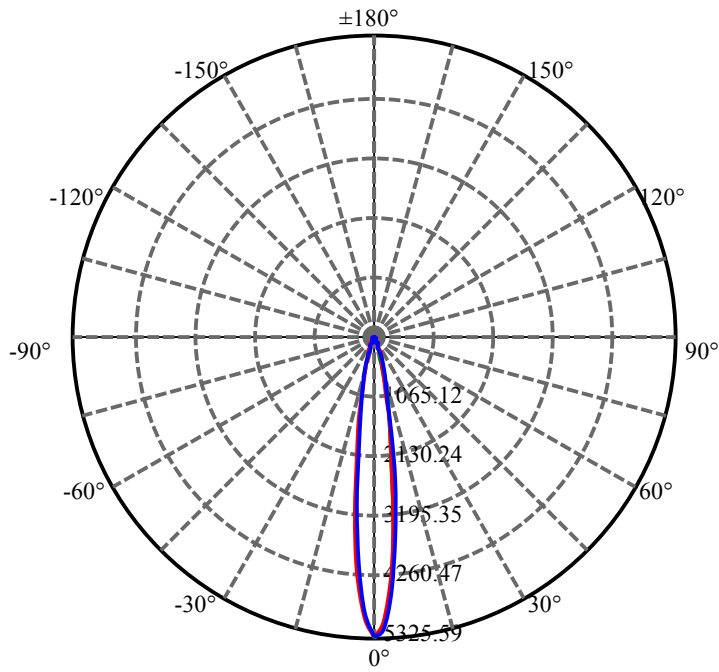
光束扩散角(10%Imax): [C0/180]Total=31.2

[C90/270]Total=31.7

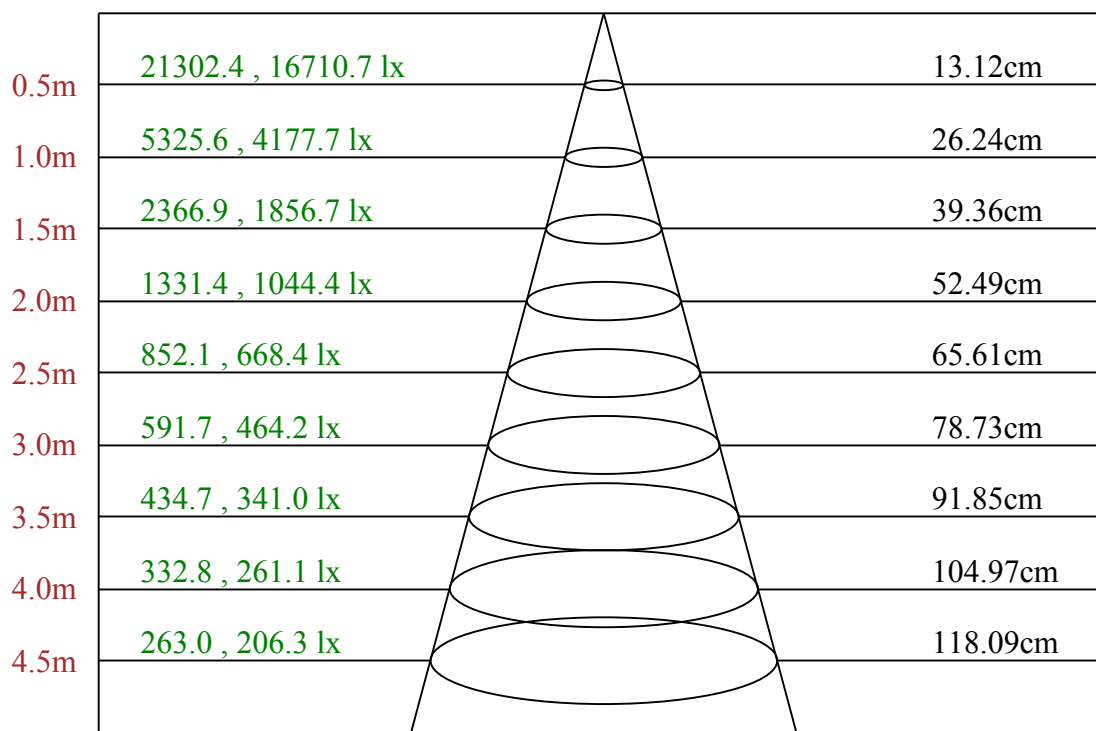
测试设备: GMS1800
环境温度(°C): 25.0

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

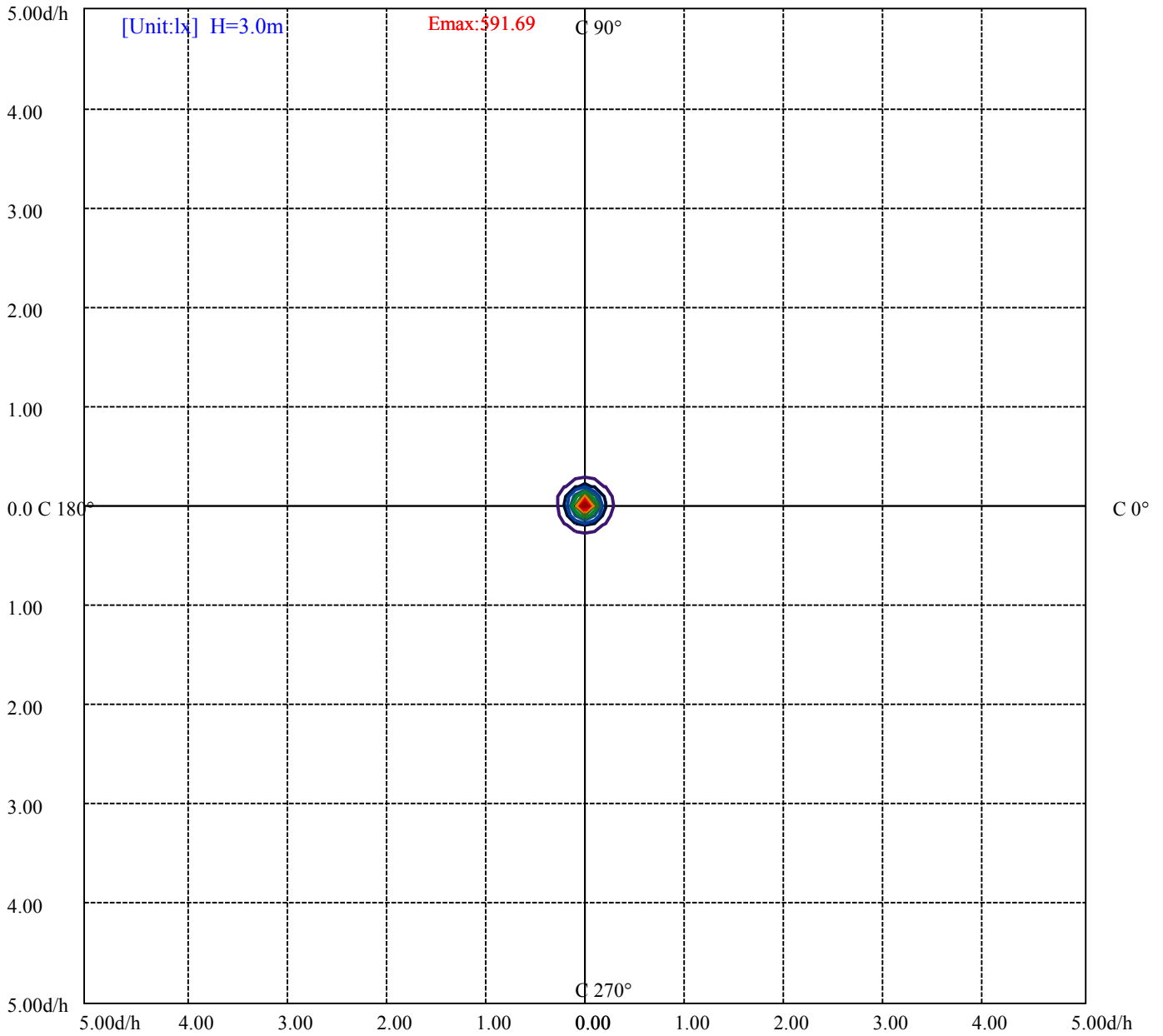


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角14.95

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 59.16878
- (20%Emax) 118.3378
- (30%Emax) 177.5067
- (40%Emax) 236.6745
- (50%Emax) 295.8434
- (60%Emax) 355.0122
- (70%Emax) 414.1811
- (80%Emax) 473.35
- (90%Emax) 532.5189

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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

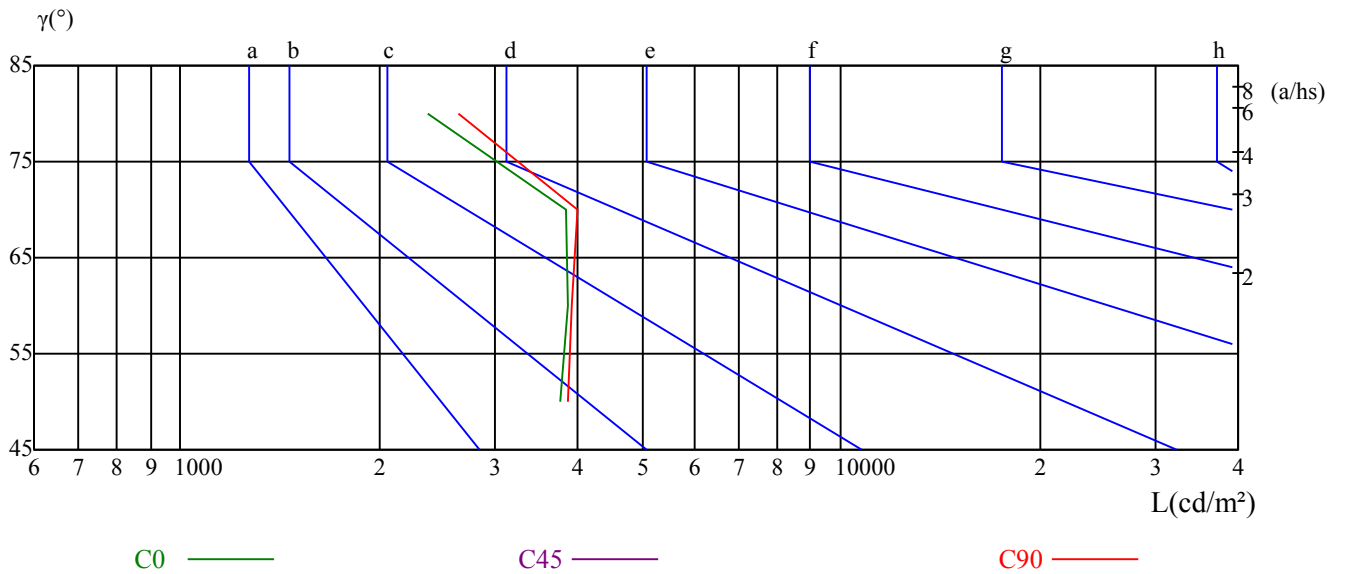
γ	45	50	55	60	65	70	75	80	85
C0	0	3749	0	3869	0	3838	0	2374	0
C45	0	0	0	0	0	0	0	0	0
C90	0	3868	0	3907	0	4005	0	2630	0

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

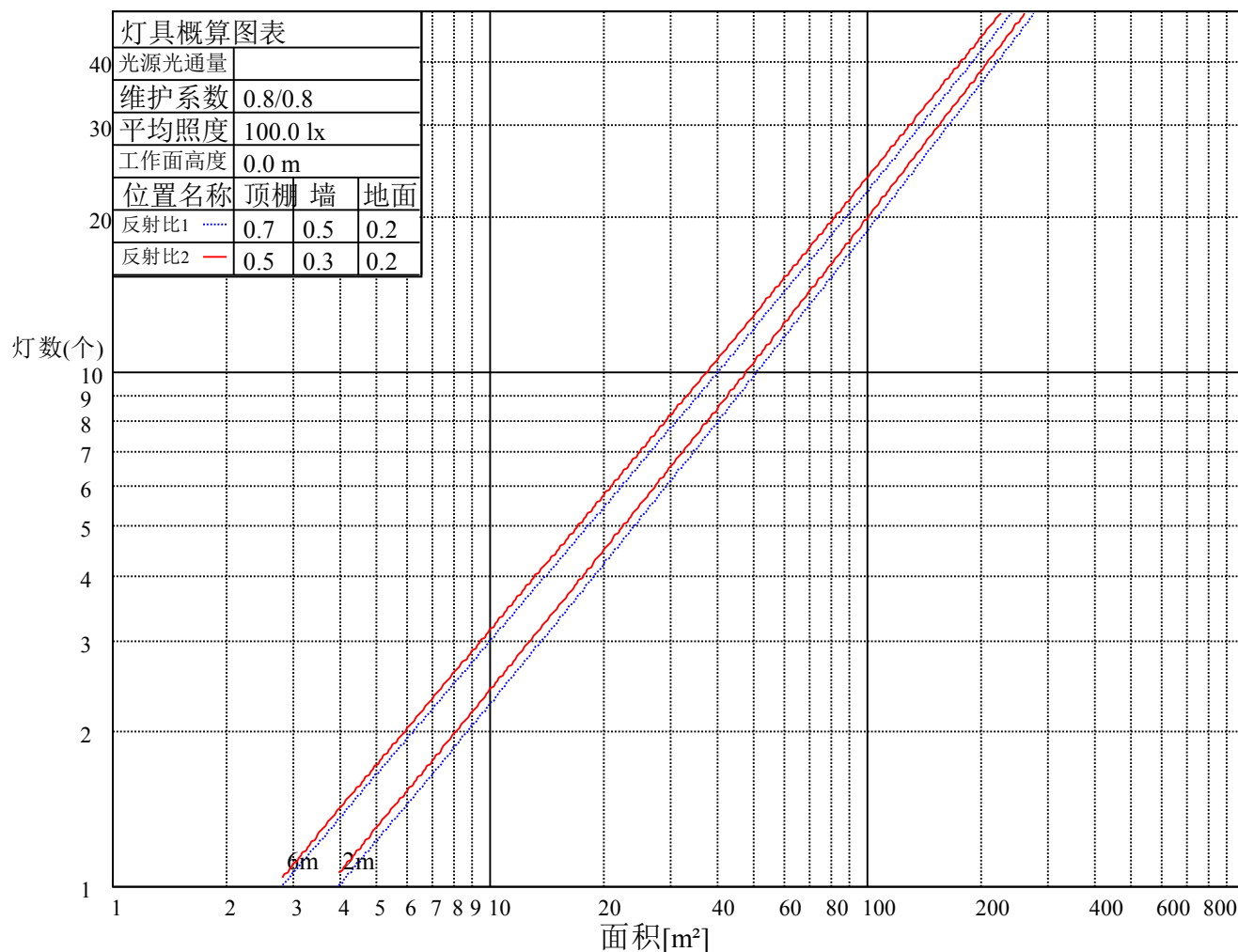
眩光等级表

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	14.03	15.09	14.40	15.40	15.71	13.90	14.96	14.27	15.27	15.58
	3H	16.11	17.05	16.49	17.38	17.75	15.99	16.93	16.37	17.26	17.63
	4H	16.76	17.63	17.17	17.98	18.37	16.64	17.51	17.05	17.86	18.25
	6H	17.09	17.88	17.51	18.26	18.65	16.96	17.76	17.38	18.13	18.53
	8H	17.13	17.88	17.57	18.27	18.68	17.01	17.76	17.44	18.15	18.56
	12H	17.14	17.86	17.57	18.24	18.67	17.01	17.73	17.45	18.11	18.54
4H	2H	14.70	15.57	15.10	15.92	16.31	14.60	15.47	15.01	15.82	16.21
	3H	16.95	17.66	17.36	18.07	18.48	16.84	17.55	17.25	17.96	18.36
	4H	17.68	18.32	18.12	18.74	19.19	17.57	18.20	18.00	18.63	19.07
	6H	18.02	18.56	18.49	19.01	19.49	17.89	18.44	18.36	18.89	19.36
	8H	18.07	18.58	18.55	19.03	19.51	17.95	18.45	18.42	18.90	19.38
	12H	18.08	18.52	18.57	19.01	19.49	17.95	18.39	18.44	18.88	19.35
8H	4H	17.88	18.39	18.35	18.84	19.31	17.78	18.28	18.25	18.73	19.21
	6H	18.30	18.70	18.81	19.20	19.69	18.17	18.57	18.68	19.07	19.56
	8H	18.39	18.75	18.92	19.27	19.77	18.25	18.61	18.78	19.13	19.63
	12H	18.98	19.29	19.50	19.79	20.36	18.84	19.14	19.36	19.64	20.22
12H	4H	17.85	18.29	18.34	18.78	19.26	17.76	18.20	18.25	18.68	19.16
	6H	18.61	18.64	18.82	19.12	19.66	18.49	18.52	18.70	18.99	19.54
	8H	18.41	18.72	18.93	19.22	19.79	18.27	18.58	18.79	19.08	19.66
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/-0.6					1.0/-0.6					
标准表格	BK3					BK3					
更正系数	-1.9					-2.1					



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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	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.02	1.00	0.99	0.98	0.97	0.96	0.95
2	1.05	1.02	0.99	1.03	1.00	0.97	1.00	0.98	0.95	0.97	0.95	0.93	0.95	0.93	0.91	0.90
3	1.00	0.95	0.92	0.98	0.94	0.91	0.96	0.93	0.90	0.93	0.91	0.88	0.91	0.89	0.87	0.86
4	0.95	0.91	0.87	0.94	0.90	0.86	0.92	0.88	0.85	0.90	0.87	0.85	0.88	0.86	0.84	0.82
5	0.91	0.86	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	0.79	0.76	0.81	0.78	0.76	0.75
8	0.82	0.78	0.75	0.82	0.78	0.75	0.81	0.77	0.74	0.80	0.76	0.74	0.79	0.76	0.74	0.73
9	0.80	0.76	0.73	0.80	0.75	0.72	0.79	0.75	0.72	0.78	0.75	0.72	0.77	0.74	0.72	0.71
10	0.78	0.74	0.71	0.78	0.73	0.71	0.77	0.73	0.71	0.76	0.73	0.70	0.76	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	5297.20	5014.80	4195.24	3193.05	2240.74	1530.92	1015.24	708.29	504.17
30.0	5324.82	5095.38	4288.86	3256.74	2322.08	1554.70	1065.89	732.84	518.75
60.0	5325.59	5062.38	4274.28	3262.12	2285.25	1521.32	1060.51	746.66	527.95
90.0	5304.87	5175.18	4527.52	3563.69	2560.73	1731.20	1178.69	801.14	560.95
120.0	5311.78	5099.98	4377.11	3410.99	2408.03	1513.04	1108.24	763.16	520.28
150.0	5307.94	5134.51	4433.13	3452.42	2457.14	1646.02	1115.00	755.87	524.89
180.0	5297.20	4944.97	4152.27	3124.76	2153.26	1467.99	982.93	685.88	475.77
210.0	5324.82	4912.74	4045.61	2990.46	2095.70	1393.32	946.79	645.36	463.50
240.0	5325.59	4972.60	4140.76	3132.43	2183.95	1451.11	963.82	680.66	482.68
270.0	5304.87	4858.26	3995.73	2977.42	2050.43	1391.48	933.51	645.90	465.64
300.0	5311.78	4968.76	4145.37	3153.92	2221.55	1513.27	997.59	689.10	484.98
330.0	5307.94	4884.35	4037.17	3007.35	2121.79	1413.43	948.86	660.10	475.01
360.0	5297.20	5014.80	4195.24	3193.05	2240.74	1530.92	1015.24	708.29	504.17
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	392.13	267.51	200.75	155.78	122.70	98.99	81.73	70.29	60.32
30.0	391.36	274.03	204.43	157.54	125.01	100.53	83.72	70.21	60.47
60.0	379.31	272.57	205.96	159.31	124.55	101.06	83.72	71.06	60.70
90.0	405.94	290.68	215.25	165.45	129.99	104.29	87.48	73.51	63.08
120.0	378.70	270.35	205.35	158.31	124.01	101.60	84.18	71.29	61.70
150.0	393.66	275.64	207.11	159.69	126.39	101.98	85.33	71.83	61.54
180.0	349.31	253.85	193.53	150.02	118.33	97.38	81.03	68.60	59.39
210.0	333.04	248.86	187.16	146.26	116.33	94.23	79.04	67.15	58.70
240.0	387.52	256.00	193.00	149.10	119.33	97.00	80.42	69.45	60.01
270.0	333.35	246.63	186.24	145.26	115.57	93.62	79.88	67.76	59.09
300.0	389.83	256.15	193.38	150.94	120.09	97.69	80.96	69.83	60.55
330.0	341.64	251.39	191.69	149.25	117.64	95.08	80.73	68.30	59.01
360.0	392.13	267.51	200.75	155.78	122.70	98.99	81.73	70.29	60.32
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	53.03	47.12	42.28	38.45	35.45	33.15	30.85	29.16	27.70
30.0	53.03	47.42	42.59	38.52	35.45	32.84	30.70	28.93	27.55
60.0	53.41	47.27	42.59	38.98	35.84	33.38	31.31	29.70	28.32
90.0	54.94	48.65	43.66	39.83	36.76	34.15	31.85	30.08	28.55
120.0	54.10	48.04	43.43	39.83	36.68	34.30	32.08	30.08	28.62
150.0	53.95	47.96	42.97	39.21	36.37	33.76	31.54	29.70	28.32
180.0	52.49	46.58	42.13	38.75	35.68	33.07	30.85	29.01	27.55
210.0	51.80	46.20	41.75	37.99	35.45	32.69	30.54	28.85	27.32
240.0	52.87	47.12	42.28	38.75	35.84	33.61	31.31	29.70	28.16
270.0	51.95	46.43	41.67	38.52	35.61	33.07	31.00	29.31	27.93
300.0	53.10	47.65	42.90	39.37	36.45	33.99	31.77	30.00	28.47
330.0	51.87	46.35	41.98	38.45	35.61	33.00	30.93	29.24	27.78
360.0	53.03	47.12	42.28	38.45	35.45	33.15	30.85	29.16	27.70
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	26.47	25.25	24.25	23.40	22.33	21.03	19.41	17.96	15.88
30.0	25.94	24.86	23.87	23.10	22.02	20.95	19.34	17.80	15.88
60.0	26.93	25.71	24.63	23.56	22.56	21.33	19.88	18.34	16.65
90.0	27.24	25.86	24.71	23.64	22.48	21.26	19.72	18.19	16.58
120.0	27.24	26.01	25.02	23.94	22.79	21.64	19.95	18.34	16.35
150.0	26.78	25.63	24.48	23.33	22.41	21.03	19.57	18.19	16.42
180.0	26.40	24.86	23.87	22.94	21.87	20.49	18.95	17.42	15.58
210.0	25.94	24.94	24.02	22.87	21.95	20.49	18.88	17.04	15.12
240.0	26.78	25.55	24.56	23.33	22.18	20.95	19.41	17.88	16.11
270.0	26.40	25.25	24.10	22.94	21.79	20.26	18.88	17.19	15.27
300.0	27.01	25.86	24.94	23.87	22.64	21.18	19.64	17.88	15.88
330.0	26.70	25.40	24.17	23.17	22.10	20.64	19.34	17.57	15.73
360.0	26.47	25.25	24.25	23.40	22.33	21.03	19.41	17.96	15.88

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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	13.74	11.36	9.06	7.06	4.99	2.92	1.23	0.31	0.15
30.0	13.81	11.59	9.29	6.83	4.99	3.45	1.30	0.38	0.08
60.0	14.35	11.97	9.44	7.37	5.14	3.15	1.84	0.31	0.08
90.0	14.35	12.35	9.98	7.29	5.53	3.84	1.76	0.38	0.23
120.0	14.27	11.82	9.52	7.37	5.22	3.15	1.84	0.38	0.23
150.0	14.35	12.05	9.90	6.75	3.53	2.53	1.46	0.23	0.08
180.0	13.43	11.13	8.90	6.75	4.83	2.69	1.23	0.23	0.08
210.0	13.12	11.05	8.52	6.14	4.37	2.69	0.92	0.23	0.08
240.0	13.81	11.28	8.90	6.75	4.76	2.76	1.23	0.23	0.08
270.0	12.97	10.82	8.36	5.91	4.30	2.76	0.77	0.15	0.08
300.0	13.58	11.28	8.98	6.75	4.68	2.76	1.00	0.31	0.08
330.0	13.43	11.20	8.75	6.45	4.53	2.76	0.84	0.23	0.15
360.0	13.74	11.36	9.06	7.06	4.99	2.92	1.23	0.31	0.15

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