

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083S6-27-36DC (5015-OD-27WN-AA, P1)

报告编号:

电压(V): 35.6000

测试编号: 20210408007

电流(A): 0.7260

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): 2552.99

灯具效能(lm/w): 98.95

中心光强(cd): 7653.042

最大光强(cd): 7653.042

最大光强角度: $C=0.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=53.3

[C90/270]Total=13.5

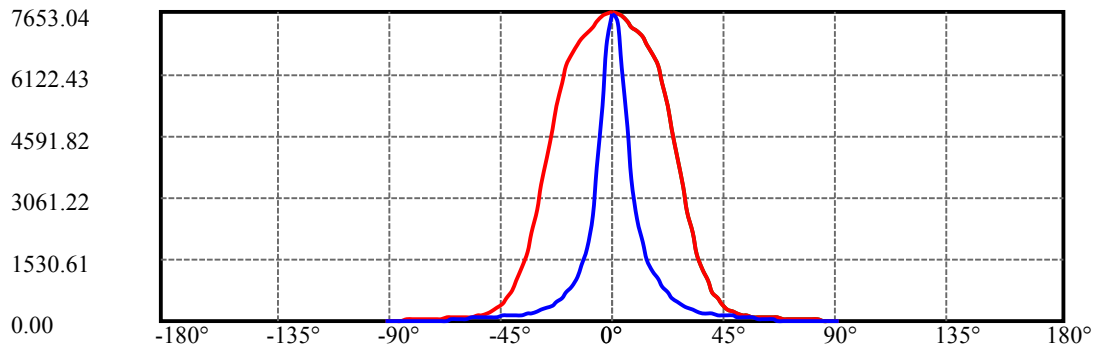
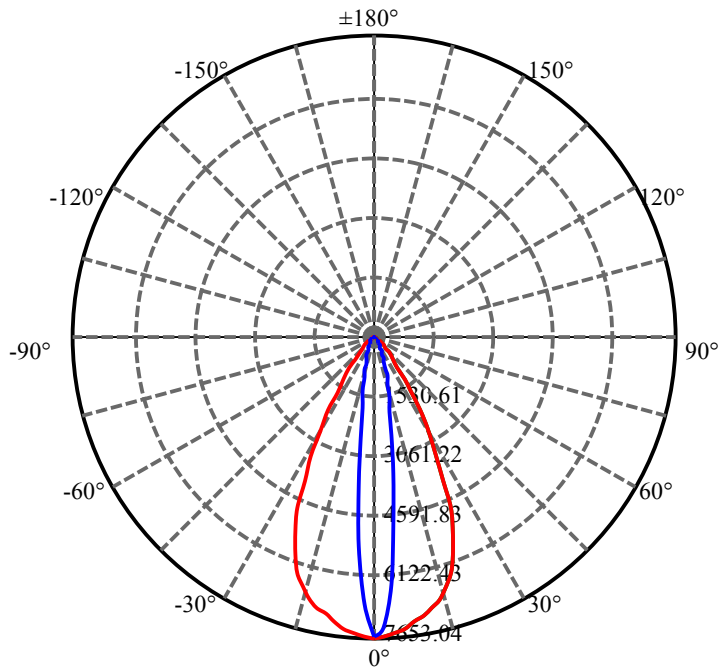
光束扩散角(10%Imax): [C0/180]Total=79.6

[C90/270]Total=38.7

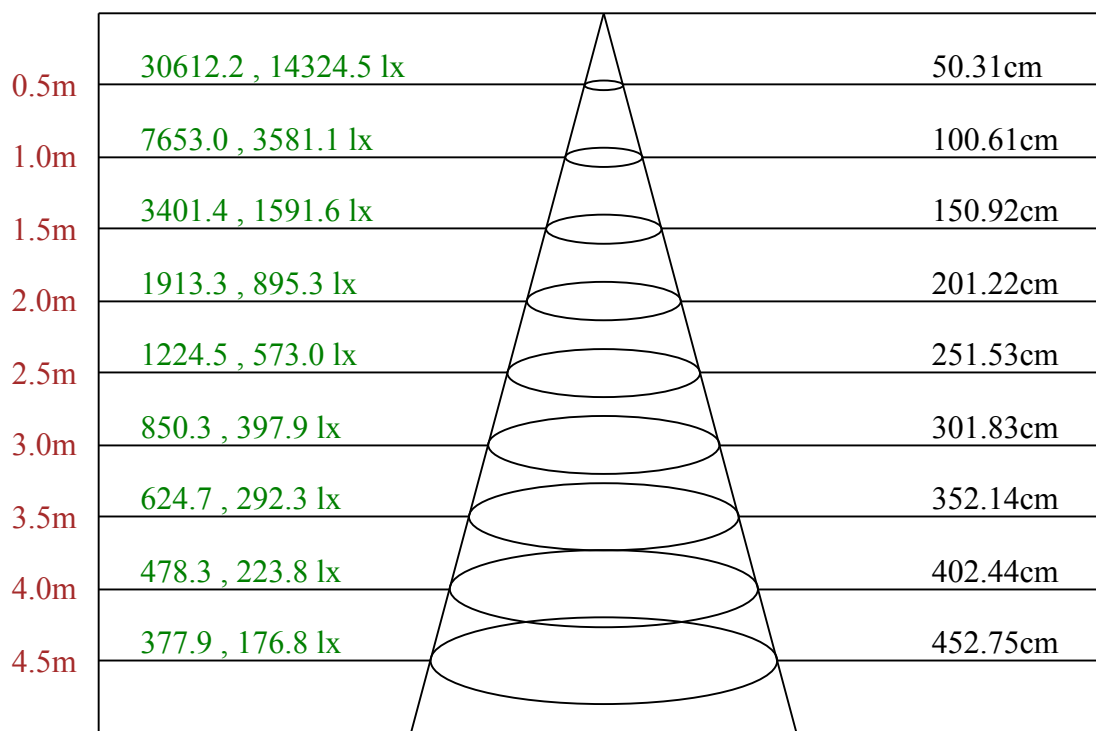
测试设备: GMS1800
环境温度(°C): 25.0

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

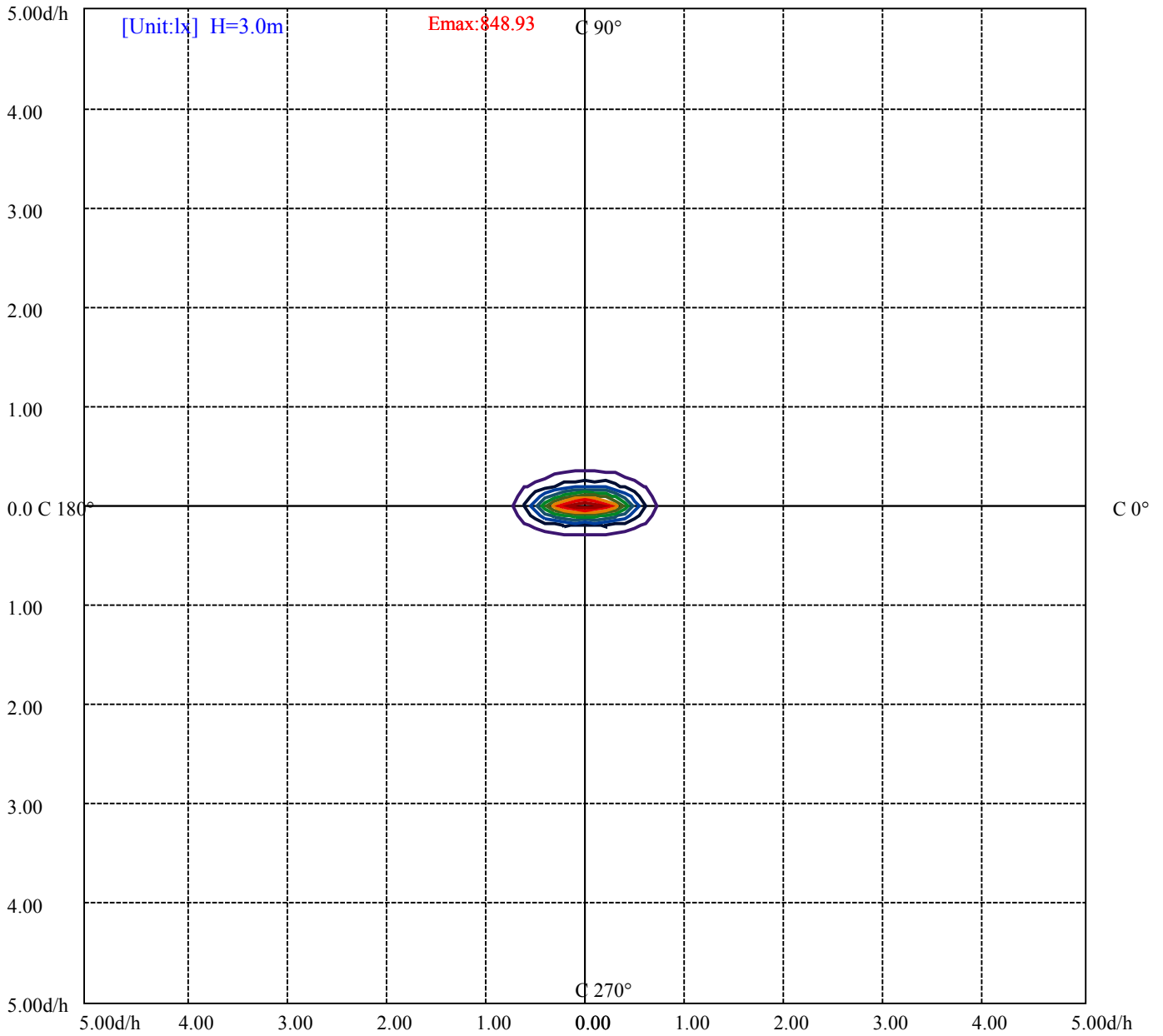


C0(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C0面光束角53.41

ROLED 地埋灯
平面等照度曲线



(10%Emax) 84.893	——
(20%Emax) 169.7856	——
(30%Emax) 254.6789	——
(40%Emax) 339.5722	——
(50%Emax) 424.4644	——
(60%Emax) 509.3578	——
(70%Emax) 594.2511	——
(80%Emax) 679.1444	——
(90%Emax) 764.0367	——

ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

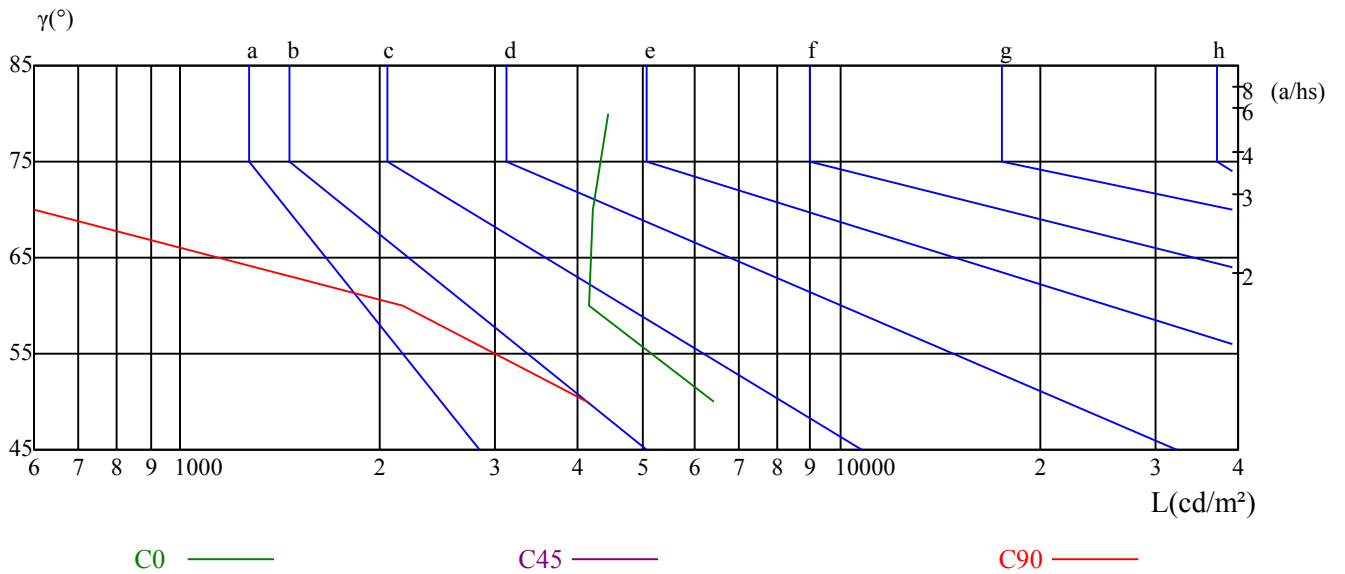
γ	45	50	55	60	65	70	75	80	85
C0	0	6420	0	4146	0	4228	0	4460	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4134	0	2167	0	374	0	143	0

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

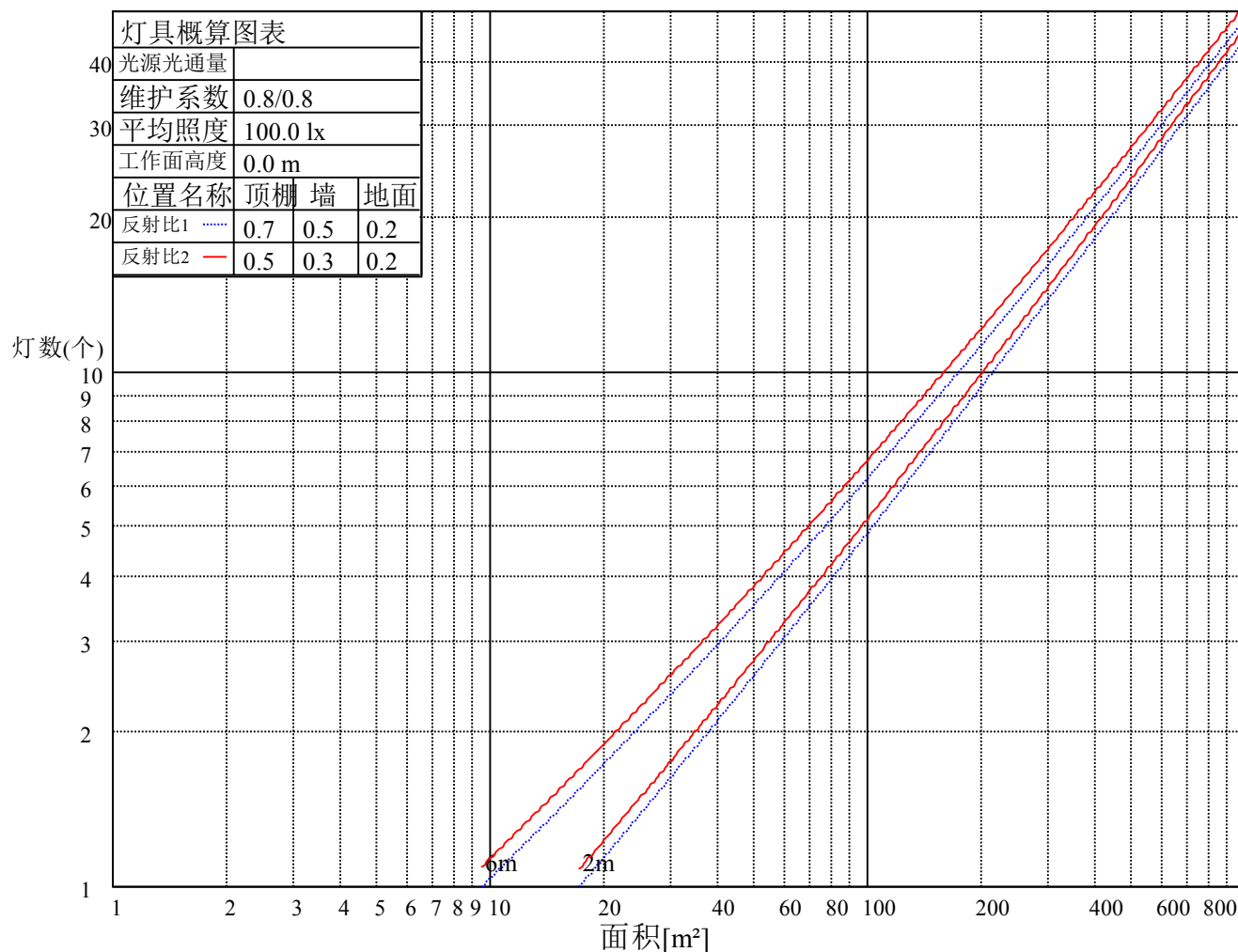
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

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	7.70	8.75	8.07	9.06	9.37	9.48	10.53	9.85	10.84	11.15
	3H	7.75	8.67	8.14	9.01	9.38	11.32	12.24	11.70	12.58	12.94
	4H	7.67	8.52	8.08	8.88	9.27	12.05	12.90	12.46	13.26	13.64
	6H	7.57	8.35	7.99	8.73	9.12	12.66	13.44	13.08	13.81	14.21
	8H	7.52	8.25	7.95	8.64	9.05	12.90	13.63	13.33	14.03	14.43
	12H	7.47	8.17	7.90	8.55	8.98	13.22	13.92	13.66	14.30	14.74
4H	2H	8.16	9.02	8.57	9.37	9.76	9.66	10.51	10.07	10.87	11.25
	3H	8.26	8.96	8.68	9.36	9.77	11.69	12.38	12.10	12.79	13.20
	4H	8.16	8.78	8.60	9.20	9.65	12.47	13.09	12.91	13.51	13.96
	6H	8.06	8.59	8.53	9.04	9.52	13.06	13.59	13.53	14.04	14.51
	8H	8.00	8.49	8.47	8.94	9.42	13.33	13.83	13.81	14.28	14.75
	12H	7.94	8.37	8.43	8.86	9.33	13.68	14.11	14.17	14.60	15.07
8H	4H	8.33	8.82	8.80	9.27	9.75	12.35	12.85	12.83	13.30	13.77
	6H	8.22	8.61	8.73	9.11	9.60	12.94	13.33	13.45	13.83	14.32
	8H	8.15	8.50	8.68	9.02	9.52	13.24	13.59	13.77	14.11	14.61
	12H	8.72	9.03	9.25	9.52	10.10	14.12	14.42	14.64	14.92	15.50
12H	4H	8.30	8.73	8.79	9.21	9.69	12.29	12.72	12.78	13.21	13.68
	6H	8.49	8.54	8.72	9.01	9.56	13.18	13.22	13.41	13.69	14.24
	8H	8.14	8.44	8.66	8.94	9.52	13.19	13.49	13.71	13.99	14.57
对应照射距离，改变观察者位置S											
S = 1.0H		0.9/-0.8					3.7/-2.4				
S = 1.5H		1.0/-3.3					5.7/-2.5				
S = 2.0H		3.9/-6.1					7.4/-2.3				
标准表格		BK1					BK2				
更正系数		-5.7					0.3				

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	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	0.99	0.98	0.97	0.96	0.95	0.94
2	1.03	0.99	0.96	1.02	0.98	0.95	0.98	0.95	0.93	0.95	0.93	0.91	0.93	0.91	0.89	0.87
3	0.97	0.92	0.88	0.95	0.91	0.87	0.93	0.89	0.86	0.90	0.87	0.85	0.88	0.85	0.83	0.82
4	0.91	0.86	0.81	0.90	0.85	0.81	0.88	0.83	0.80	0.86	0.82	0.79	0.84	0.81	0.78	0.77
5	0.86	0.80	0.76	0.85	0.80	0.76	0.83	0.78	0.75	0.81	0.77	0.74	0.80	0.76	0.74	0.72
6	0.81	0.75	0.71	0.80	0.75	0.71	0.79	0.74	0.71	0.78	0.73	0.70	0.76	0.73	0.70	0.68
7	0.77	0.71	0.67	0.76	0.71	0.67	0.75	0.70	0.67	0.74	0.70	0.67	0.73	0.69	0.66	0.65
8	0.73	0.68	0.64	0.73	0.67	0.64	0.72	0.67	0.64	0.71	0.66	0.63	0.70	0.66	0.63	0.62
9	0.70	0.65	0.61	0.70	0.64	0.61	0.69	0.64	0.61	0.68	0.63	0.60	0.67	0.63	0.60	0.59
10	0.67	0.62	0.58	0.67	0.61	0.58	0.66	0.61	0.58	0.65	0.61	0.58	0.64	0.60	0.58	0.56

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	7653.04	7622.35	7544.07	7426.66	7296.21	7165.76	7017.65	6858.04	6627.83
30.0	7635.39	7599.32	7291.61	6742.93	6053.06	5283.38	4558.21	3839.95	3210.70
60.0	7645.37	7378.32	6419.87	5172.11	3945.08	2998.91	2287.55	1804.87	1456.02
90.0	7612.37	7366.81	6279.44	4799.94	3496.93	2534.64	1941.46	1537.82	1254.66
120.0	7646.13	7329.21	6314.74	5037.82	3813.09	2887.64	2203.90	1721.22	1407.98
150.0	7643.83	7556.35	7155.01	6551.86	5793.69	4978.74	4232.85	3519.19	2911.42
180.0	7653.04	7627.72	7543.31	7428.20	7287.77	7151.94	7005.38	6831.95	6615.55
210.0	7635.39	7363.74	6838.85	6117.52	5333.26	4490.68	3718.70	3018.86	2444.09
240.0	7645.37	7134.29	5950.23	4619.60	3359.57	2422.61	1745.01	1354.42	1069.72
270.0	7612.37	6793.58	5341.70	3798.51	2620.59	1822.52	1372.99	1075.02	873.04
300.0	7646.13	7165.76	5979.39	4634.18	3355.74	2411.10	1733.50	1346.74	1063.58
330.0	7643.83	7396.74	6874.92	6132.10	5316.38	4438.50	3640.43	2956.70	2345.87
360.0	7653.04	7622.35	7544.07	7426.66	7296.21	7165.76	7017.65	6858.04	6627.83
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	6323.95	5898.05	5337.87	4734.71	4054.05	3348.06	2710.37	2172.44	1674.41
30.0	2628.26	2136.37	1722.76	1392.02	1139.55	927.76	769.68	636.92	530.26
60.0	1199.41	997.59	841.12	702.84	583.05	487.74	406.40	340.33	287.92
90.0	1047.47	865.60	707.52	579.37	469.63	389.83	316.47	268.43	231.06
120.0	1162.27	967.66	814.57	679.36	562.41	469.56	391.36	328.05	278.10
150.0	2342.80	1916.91	1547.80	1254.66	1033.66	848.72	709.82	592.41	496.49
180.0	6303.23	5872.73	5327.89	4735.48	4052.51	3397.94	2757.95	2182.42	1692.06
210.0	1956.04	1520.63	1254.28	1008.33	824.39	665.24	556.50	463.42	393.28
240.0	871.74	725.17	594.72	493.42	403.64	340.10	289.07	251.16	219.16
270.0	709.44	570.39	463.42	379.39	318.15	266.74	232.36	203.58	182.64
300.0	873.27	719.80	588.58	487.28	402.87	335.96	285.92	248.71	217.17
330.0	1863.96	1502.98	1192.04	959.99	787.25	639.38	537.93	450.37	383.92
360.0	6323.95	5898.05	5337.87	4734.71	4054.05	3348.06	2710.37	2172.44	1674.41
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1300.70	986.85	732.84	556.35	409.01	306.72	230.67	178.26	140.28
30.0	445.85	388.29	321.91	273.19	234.51	200.75	174.27	151.02	131.76
60.0	249.47	217.40	193.23	172.97	156.08	142.12	130.22	120.25	110.43
90.0	204.89	184.17	168.06	155.09	144.50	134.37	125.01	114.80	104.52
120.0	241.57	211.41	187.55	169.67	154.01	140.97	129.84	120.63	111.50
150.0	418.99	359.36	305.49	260.37	224.23	193.00	167.36	146.19	129.23
180.0	1322.42	998.97	746.50	564.79	419.68	311.25	232.75	179.18	141.35
210.0	335.11	286.08	247.86	214.64	186.40	163.68	146.26	130.07	116.56
240.0	195.07	176.57	160.15	147.26	136.13	126.46	117.72	110.04	101.91
270.0	165.60	151.40	140.58	131.22	123.01	115.57	108.58	100.83	93.08
300.0	194.61	175.58	159.54	146.95	136.13	126.85	118.48	111.04	103.29
330.0	327.90	280.86	243.95	211.87	184.55	162.84	145.88	130.22	117.64
360.0	1300.70	986.85	732.84	556.35	409.01	306.72	230.67	178.26	140.28
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	118.87	106.36	96.84	89.55	83.26	77.89	72.59	67.76	62.46
30.0	115.87	103.37	92.62	84.10	77.12	70.52	64.61	57.78	50.80
60.0	101.52	91.78	81.65	69.60	55.33	42.28	31.54	23.17	14.66
90.0	93.85	77.89	62.46	46.81	34.76	26.32	18.88	11.97	5.53
120.0	102.98	93.62	83.18	69.75	56.17	42.74	31.85	23.40	14.58
150.0	114.26	102.21	91.78	82.65	74.21	65.76	58.47	51.72	45.51
180.0	119.17	106.59	97.15	89.86	83.72	78.20	72.98	68.22	63.08
210.0	105.74	95.85	87.56	80.73	74.59	68.68	62.85	56.48	49.34
240.0	93.93	85.95	77.81	68.22	56.10	44.51	33.46	24.17	15.04
270.0	85.10	73.67	60.24	47.04	34.69	26.01	18.72	11.05	4.83
300.0	95.62	87.79	79.58	69.83	57.48	45.74	34.61	25.02	15.81
330.0	106.51	96.69	88.94	81.88	75.28	69.14	63.39	56.79	49.65
360.0	118.87	106.36	96.84	89.55	83.26	77.89	72.59	67.76	62.46

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	57.09	50.34	44.05	38.83	33.46	27.78	19.41	11.43	4.14
30.0	42.21	32.69	22.18	11.82	4.68	2.92	1.69	0.61	0.38
60.0	6.22	3.15	2.69	2.23	1.53	0.84	0.69	0.61	0.31
90.0	3.15	2.76	2.30	1.76	1.07	0.84	0.84	0.54	0.23
120.0	5.53	3.07	2.69	2.23	1.38	0.77	0.77	0.54	0.31
150.0	37.75	29.08	19.57	10.13	3.76	2.69	1.53	0.61	0.38
180.0	57.32	50.65	44.51	39.06	33.92	28.39	20.03	12.28	4.83
210.0	41.05	31.16	19.64	9.44	3.38	2.46	1.15	0.69	0.38
240.0	6.68	3.15	2.76	2.23	1.38	0.84	0.77	0.61	0.31
270.0	3.15	2.76	2.23	1.53	0.92	0.84	0.77	0.61	0.23
300.0	6.98	3.15	2.84	2.30	1.46	0.84	0.77	0.61	0.23
330.0	41.52	31.54	20.34	9.98	3.61	2.61	1.15	0.69	0.38
360.0	57.09	50.34	44.05	38.83	33.46	27.78	19.41	11.43	4.14
C/γ(°)	90.0								
0.0	0.08								
30.0	0.08								
60.0	0.00								
90.0	0.00								
120.0	0.00								
150.0	0.00								
180.0	0.08								
210.0	0.08								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.08								
360.0	0.08								