

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083S6-27-36DC (60-OD-27WN-AA, P1)

报告编号:

电压(V): 35.6000

测试编号: 20210408005

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): 2307.30

灯具效能(lm/w): 89.43

中心光强(cd): 2286.013

最大光强(cd): 2319.778

最大光强角度: C=60.0 γ =4.0

半峰边角(50%Imax): [C0/180]Total=55.4

[C90/270]Total=55.3

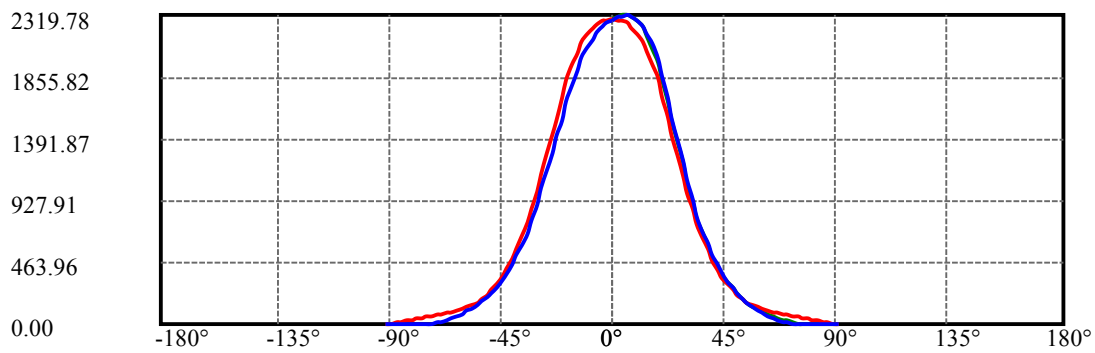
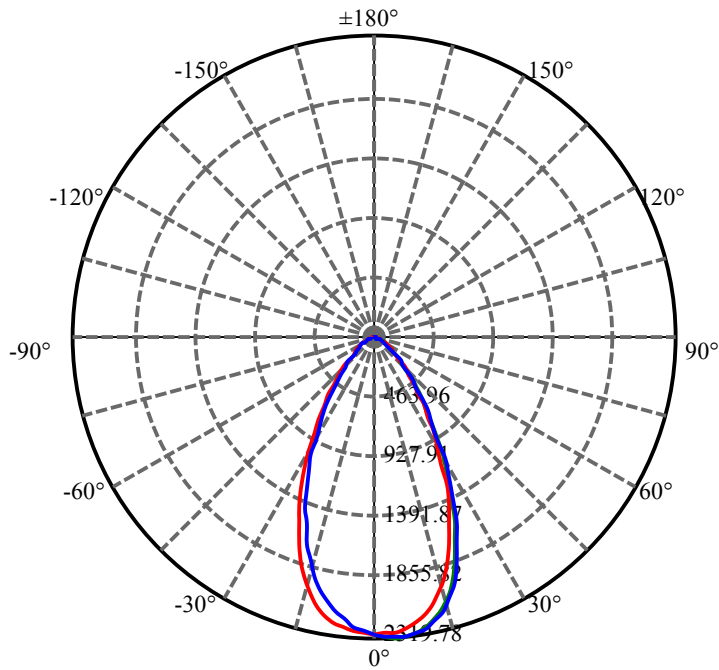
光束扩散角(10%Imax): [C0/180]Total=99.0

[C90/270]Total=98.2

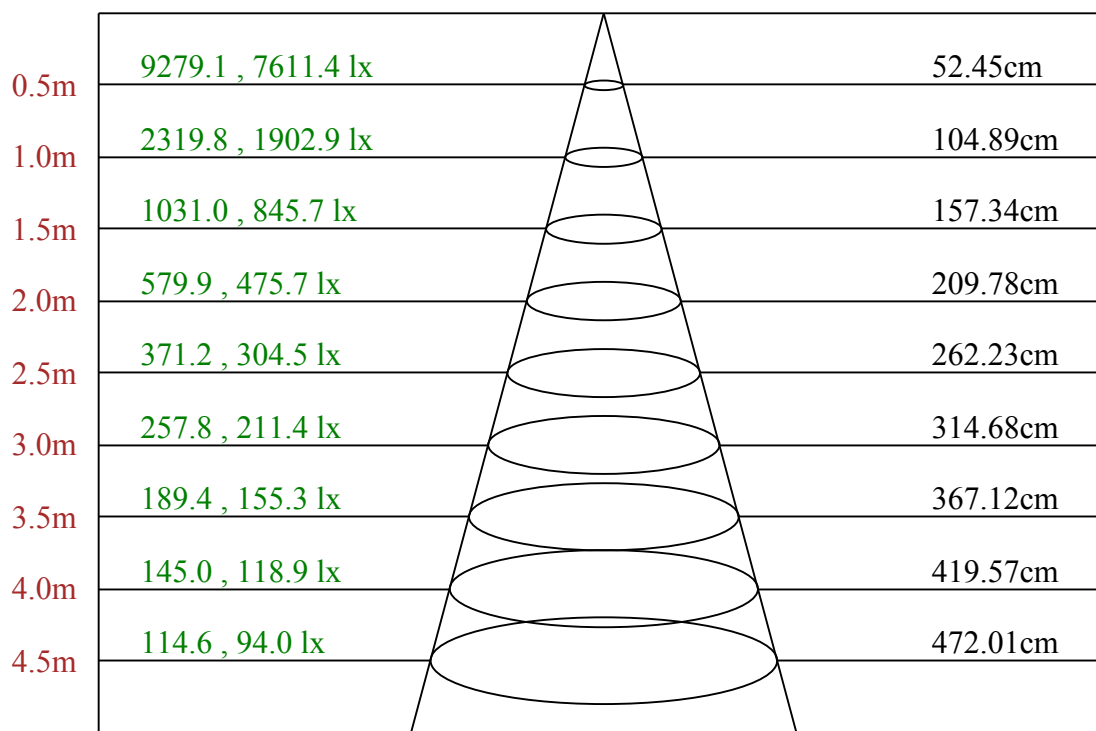
测试设备: GMS1800
环境温度(°C): 25.0

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

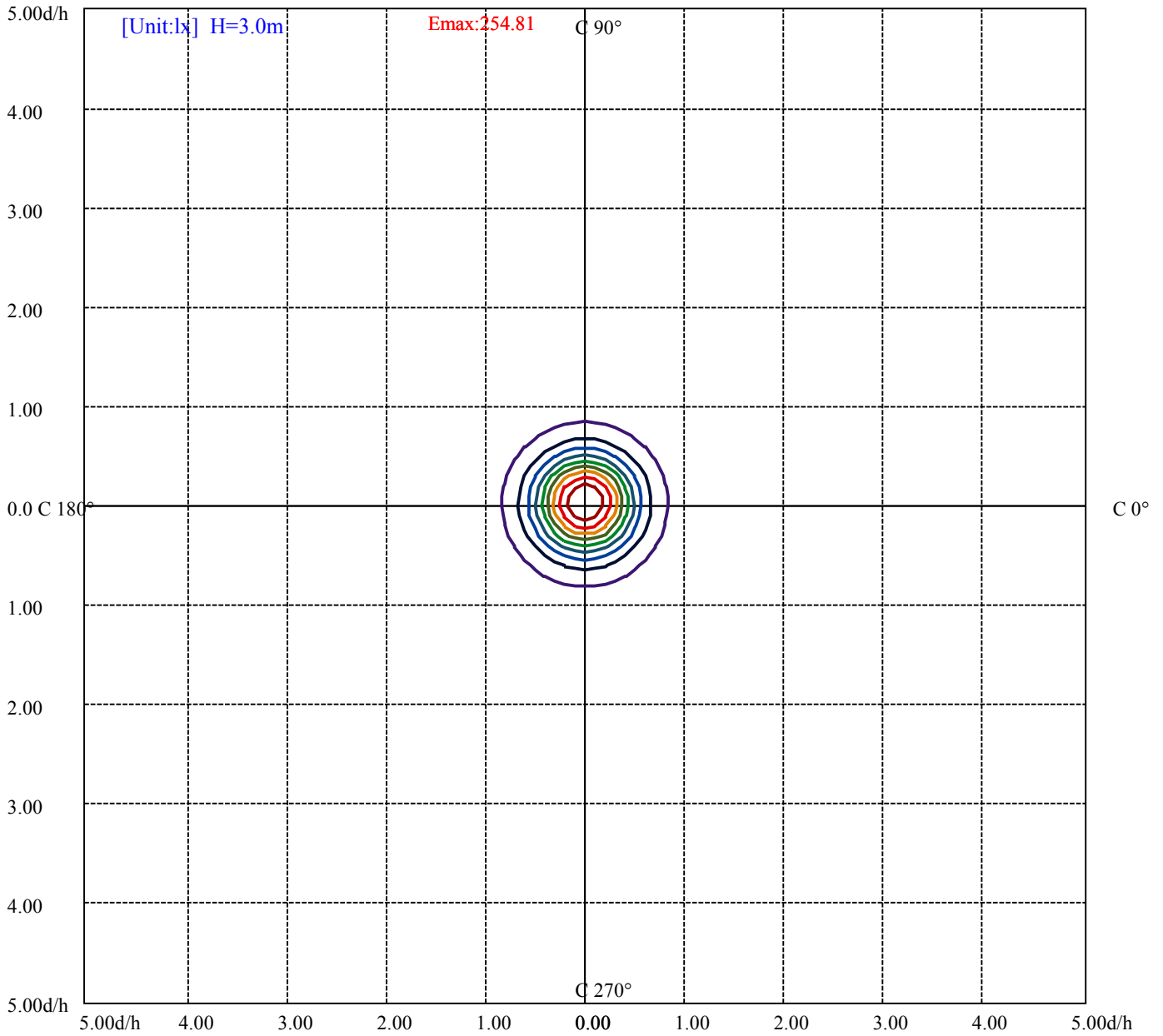


C60(Max): —
C0/C180: —
C90/C270: —



Max , Ave C60面光束角55.32

ROLED 地埋灯
平面等照度曲线



(10%Emax) 25.48111	——
(20%Emax) 50.96233	——
(30%Emax) 76.44345	——
(40%Emax) 101.9247	——
(50%Emax) 127.4056	——
(60%Emax) 152.8867	——
(70%Emax) 178.3678	——
(80%Emax) 203.8489	——
(90%Emax) 229.33	——

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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

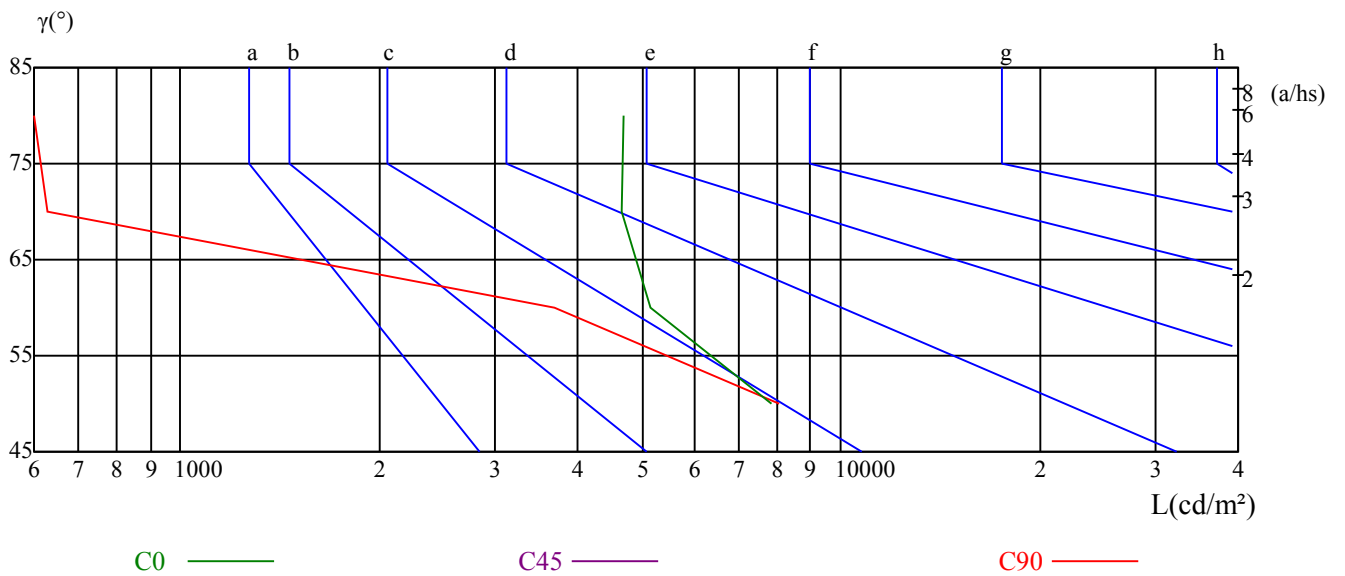
γ	45	50	55	60	65	70	75	80	85
C0	0	7832	0	5162	0	4659	0	4706	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8075	0	3684	0	628	0	194	0

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

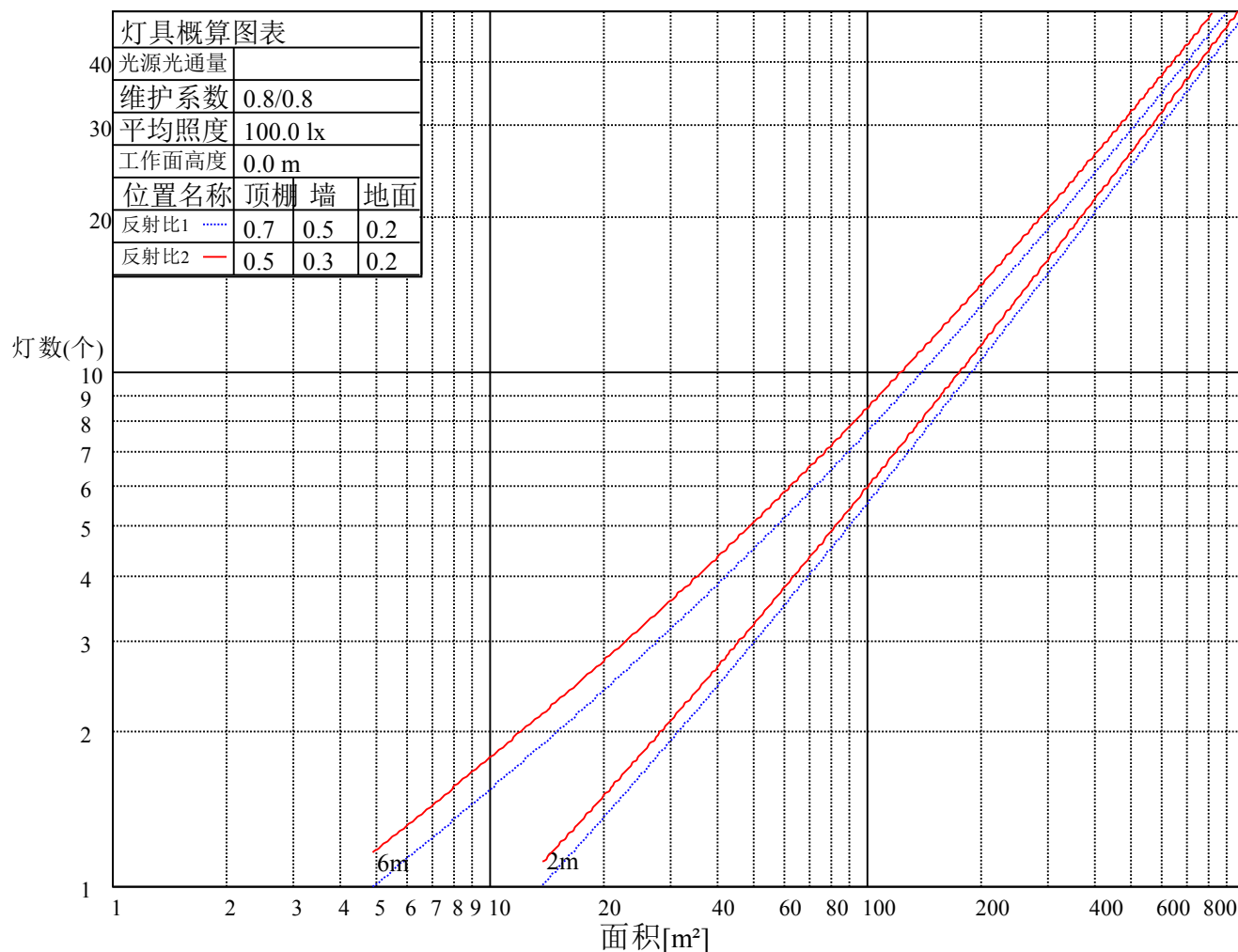
眩光等级	质量等级	使用照度(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

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	11.19	12.37	11.55	12.68	13.00	12.31	13.49	12.68	13.81	14.12
	3H	11.29	12.34	11.68	12.67	13.04	13.72	14.77	14.10	15.10	15.47
	4H	11.22	12.19	11.63	12.55	12.93	14.28	15.25	14.69	15.61	15.99
	6H	11.14	12.03	11.55	12.40	12.79	14.73	15.62	15.15	15.99	16.39
	8H	11.09	11.93	11.52	12.32	12.73	14.90	15.74	15.33	16.13	16.54
	12H	11.04	11.84	11.48	12.23	12.66	15.13	15.93	15.56	16.32	16.75
4H	2H	11.57	12.54	11.98	12.89	13.28	12.53	13.50	12.93	13.85	14.24
	3H	11.73	12.52	12.14	12.93	13.33	14.17	14.96	14.58	15.37	15.77
	4H	11.65	12.35	12.08	12.77	13.22	14.80	15.51	15.24	15.93	16.37
	6H	11.56	12.17	12.03	12.62	13.09	15.24	15.84	15.70	16.29	16.76
	8H	11.50	12.07	11.97	12.51	12.99	15.43	15.99	15.90	16.44	16.91
	12H	11.45	11.95	11.94	12.43	12.91	15.67	16.17	16.16	16.65	17.13
8H	4H	11.76	12.33	12.23	12.77	13.25	14.71	15.28	15.19	15.73	16.20
	6H	11.66	12.12	12.17	12.62	13.10	15.15	15.61	15.66	16.11	16.59
	8H	11.60	12.01	12.13	12.53	13.02	15.36	15.77	15.89	16.29	16.78
	12H	12.20	12.55	12.72	13.05	13.63	16.18	16.54	16.70	17.04	17.61
12H	4H	11.73	12.22	12.22	12.71	13.19	14.66	15.16	15.15	15.64	16.12
	6H	12.07	12.04	12.16	12.50	13.05	15.54	15.50	15.62	15.97	16.51
	8H	11.58	11.93	12.10	12.43	13.01	15.32	15.67	15.83	16.17	16.74
对应照射距离，改变观察者位置S											
S = 1.0H		1.6/-2.4					0.9/-1.4				
S = 1.5H		3.4/-4.5					2.0/-1.9				
S = 2.0H		5.9/-7.4					3.7/-2.0				
标准表格		BK1					BK2				
更正系数		-0.7					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	1.09	1.07	1.04	1.07	1.05	1.02	1.03	1.01	0.99	0.99	0.98	0.96	0.96	0.95	0.93	0.92
2	1.00	0.96	0.92	0.99	0.94	0.91	0.95	0.92	0.89	0.92	0.89	0.87	0.89	0.87	0.85	0.83
3	0.92	0.87	0.82	0.91	0.86	0.81	0.88	0.84	0.80	0.86	0.82	0.79	0.83	0.80	0.77	0.76
4	0.85	0.79	0.74	0.84	0.78	0.74	0.82	0.77	0.73	0.80	0.75	0.72	0.78	0.74	0.71	0.69
5	0.79	0.72	0.67	0.78	0.72	0.67	0.76	0.71	0.67	0.74	0.70	0.66	0.73	0.69	0.65	0.64
6	0.73	0.67	0.62	0.73	0.66	0.62	0.71	0.65	0.61	0.70	0.65	0.61	0.68	0.64	0.60	0.59
7	0.69	0.62	0.57	0.68	0.61	0.57	0.66	0.61	0.57	0.65	0.60	0.56	0.64	0.59	0.56	0.54
8	0.64	0.58	0.53	0.64	0.57	0.53	0.62	0.57	0.53	0.61	0.56	0.52	0.60	0.56	0.52	0.51
9	0.60	0.54	0.49	0.60	0.54	0.49	0.59	0.53	0.49	0.58	0.53	0.49	0.57	0.52	0.49	0.47
10	0.57	0.50	0.46	0.56	0.50	0.46	0.55	0.50	0.46	0.55	0.50	0.46	0.54	0.49	0.46	0.44

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	2286.01	2282.94	2276.04	2256.09	2222.32	2175.51	2117.19	2041.99	1950.67
30.0	2292.92	2303.66	2306.73	2299.83	2278.34	2242.27	2190.09	2121.03	2036.62
60.0	2293.69	2310.57	2319.78	2319.78	2302.13	2269.90	2226.16	2157.09	2066.54
90.0	2282.94	2299.83	2312.10	2314.41	2303.66	2276.80	2233.83	2177.05	2097.24
120.0	2283.71	2295.99	2305.20	2302.90	2286.01	2253.78	2205.44	2138.68	2048.13
150.0	2282.18	2287.55	2289.85	2282.18	2260.69	2224.62	2173.98	2104.14	2021.27
180.0	2286.01	2280.64	2269.90	2249.95	2220.02	2170.14	2112.59	2035.08	1939.16
210.0	2292.92	2275.27	2253.78	2221.55	2175.51	2117.96	2041.99	1953.74	1842.47
240.0	2293.69	2272.97	2244.57	2206.21	2157.86	2098.01	2020.50	1925.35	1808.71
270.0	2282.94	2259.15	2230.76	2190.86	2138.68	2076.52	1999.01	1903.09	1787.99
300.0	2283.71	2263.76	2238.44	2202.37	2157.09	2095.70	2018.20	1925.35	1811.01
330.0	2282.18	2268.36	2248.41	2218.48	2175.51	2119.49	2044.29	1958.34	1848.61
360.0	2286.01	2282.94	2276.04	2256.09	2222.32	2175.51	2117.19	2041.99	1950.67
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1837.10	1705.88	1557.77	1408.13	1264.64	1114.23	984.54	858.69	742.05
30.0	1926.88	1806.40	1651.39	1503.29	1348.28	1200.94	1052.07	913.94	798.84
60.0	1956.04	1829.42	1675.95	1529.53	1363.40	1205.24	1052.76	920.47	796.54
90.0	1991.34	1862.42	1707.41	1547.80	1380.51	1226.27	1082.77	932.36	804.98
120.0	1936.86	1809.47	1658.30	1515.87	1354.19	1203.94	1046.24	916.40	793.77
150.0	1910.00	1791.06	1639.12	1494.85	1340.61	1197.11	1049.77	914.71	798.07
180.0	1834.03	1704.34	1526.92	1428.09	1276.22	1129.12	998.36	869.44	759.01
210.0	1729.67	1597.68	1464.77	1329.79	1186.98	1049.85	923.00	809.04	702.23
240.0	1692.06	1566.21	1435.76	1299.17	1164.88	1029.82	913.18	801.14	694.48
270.0	1671.34	1525.54	1417.04	1280.98	1145.54	1022.99	899.21	782.57	679.66
300.0	1697.44	1569.28	1438.83	1303.00	1169.48	1035.19	916.25	802.68	696.78
330.0	1734.27	1601.51	1469.14	1333.55	1192.43	1053.76	925.00	810.58	702.76
360.0	1837.10	1705.88	1557.77	1408.13	1264.64	1114.23	984.54	858.69	742.05
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	642.29	557.11	475.77	407.48	351.92	298.28	254.54	217.47	187.09
30.0	689.87	593.18	508.00	438.17	389.06	319.77	274.34	233.90	200.21
60.0	687.88	595.41	508.69	437.48	368.95	315.31	266.97	227.45	191.69
90.0	695.24	600.86	514.91	440.47	388.29	316.77	268.81	224.23	186.32
120.0	686.57	594.79	508.00	437.17	368.42	314.62	266.13	224.61	190.46
150.0	689.87	593.18	509.54	438.94	389.06	322.30	274.34	233.59	199.67
180.0	656.57	564.94	483.83	414.00	355.91	302.73	259.91	221.39	189.00
210.0	613.29	528.65	454.82	391.75	337.65	289.15	248.32	214.10	184.48
240.0	607.76	526.42	451.98	390.59	338.57	288.61	249.17	213.64	181.41
270.0	594.26	512.15	440.47	381.62	325.60	277.64	235.74	199.59	168.06
300.0	609.30	527.19	451.98	388.29	337.65	287.61	248.63	213.33	181.25
330.0	613.67	529.11	455.13	391.98	337.80	289.22	248.71	214.87	185.47
360.0	642.29	557.11	475.77	407.48	351.92	298.28	254.54	217.47	187.09
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	161.84	142.42	124.93	111.50	100.37	91.24	83.11	75.66	68.83
30.0	172.89	151.56	133.68	119.71	107.20	96.38	87.17	76.66	66.30
60.0	161.00	136.67	114.65	95.31	77.43	62.16	47.96	34.76	22.25
90.0	153.32	126.31	100.45	79.58	62.62	47.96	33.99	20.26	9.29
120.0	159.61	135.37	113.34	93.93	76.12	61.16	47.04	33.92	21.18
150.0	171.89	150.41	132.22	117.02	104.06	91.32	80.11	68.37	58.78
180.0	162.53	142.35	125.08	111.42	100.91	91.32	83.57	75.82	69.06
210.0	161.84	142.12	126.62	114.11	103.75	94.31	84.64	74.74	64.77
240.0	155.39	132.83	113.03	96.08	80.96	65.38	51.41	38.45	24.48
270.0	142.42	117.87	96.84	78.96	62.77	48.19	34.22	19.64	8.75
300.0	154.01	132.45	112.73	95.92	80.80	65.38	51.41	37.83	24.63
330.0	162.91	142.96	127.23	114.72	103.67	94.77	85.10	75.13	65.23
360.0	161.84	142.42	124.93	111.50	100.37	91.24	83.11	75.66	68.83

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	62.08	55.25	48.27	42.13	35.30	27.86	20.11	11.89	3.68
30.0	55.33	43.74	30.70	17.96	7.14	4.45	2.53	1.00	0.54
60.0	10.21	5.22	4.45	3.38	2.15	1.15	1.07	0.84	0.38
90.0	5.37	4.83	3.84	2.76	1.46	1.15	1.15	0.77	0.46
120.0	9.44	5.14	4.37	3.38	2.15	1.23	1.00	0.84	0.31
150.0	49.80	39.60	27.55	15.12	5.99	3.91	2.23	0.84	0.54
180.0	62.23	55.56	48.81	42.21	35.99	28.55	20.72	12.43	4.53
210.0	53.87	41.05	28.24	14.58	5.22	3.76	1.69	0.84	0.46
240.0	11.66	5.29	4.53	3.45	2.15	1.15	1.07	0.84	0.38
270.0	5.37	4.68	3.61	2.38	1.30	1.23	1.07	0.77	0.31
300.0	11.74	5.29	4.53	3.45	2.23	1.15	1.07	0.84	0.38
330.0	54.48	41.90	29.01	15.58	5.37	3.91	1.84	0.92	0.46
360.0	62.08	55.25	48.27	42.13	35.30	27.86	20.11	11.89	3.68
C/γ(°)	90.0								
0.0	0.15								
30.0	0.08								
60.0	0.00								
90.0	0.00								
120.0	0.00								
150.0	0.15								
180.0	0.15								
210.0	0.08								
240.0	0.00								
270.0	0.00								
300.0	0.08								
330.0	0.08								
360.0	0.15								