

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: G2013A-24-UN(5015-OL-24WN-AA, P1)

报告编号:

电压(V): 220.6000

测试编号: 20210318013

电流(A): 0.1550

光源规格型号: OL

功率(W): 31.4000

每个光源光通量(lm)

功率因数: 0.9150

光源数量: 24

镇流器型号:

发光面长度(mm): 190

发光面宽度(mm): 190

测试模式: C

发光面高度(mm): 0

---

## 光度结果

---

灯具光通量(lm): 2710.52

灯具效能(lm/w): 86.32

中心光强(cd): 7941.574

最大光强(cd): 7959.224

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=54.0

[C90/270]Total=11.5

光束扩散角(10%Imax): [C0/180]Total=78.9

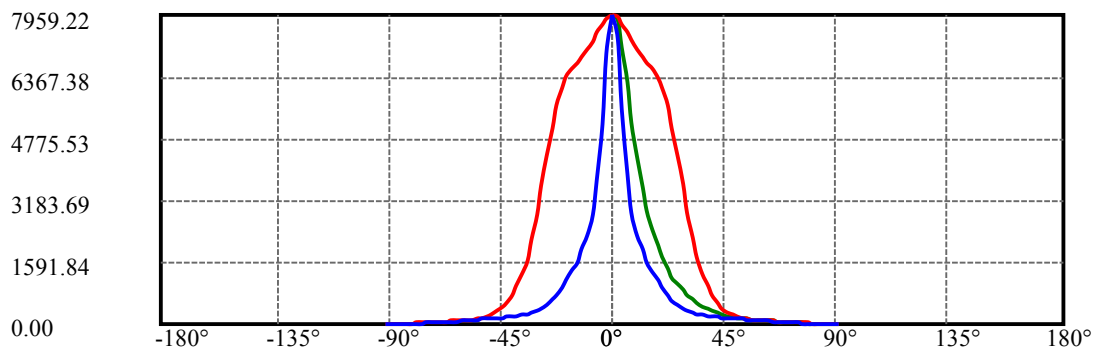
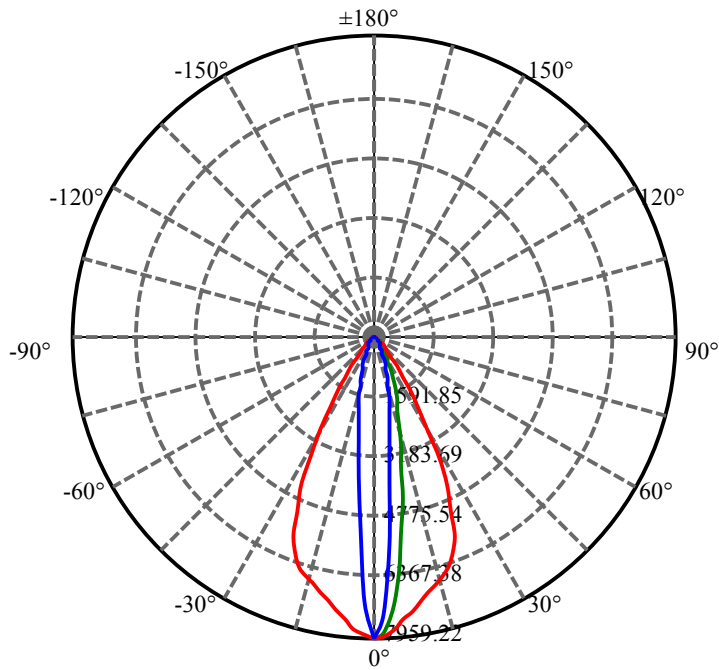
[C90/270]Total=43.1

---

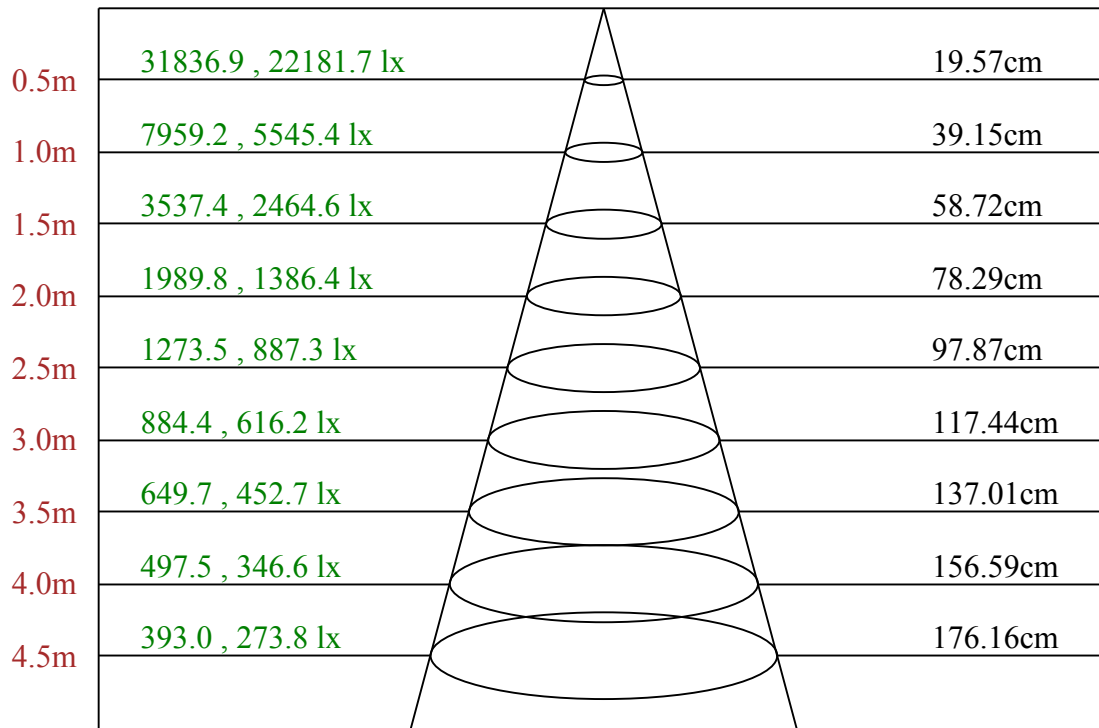
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/18  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

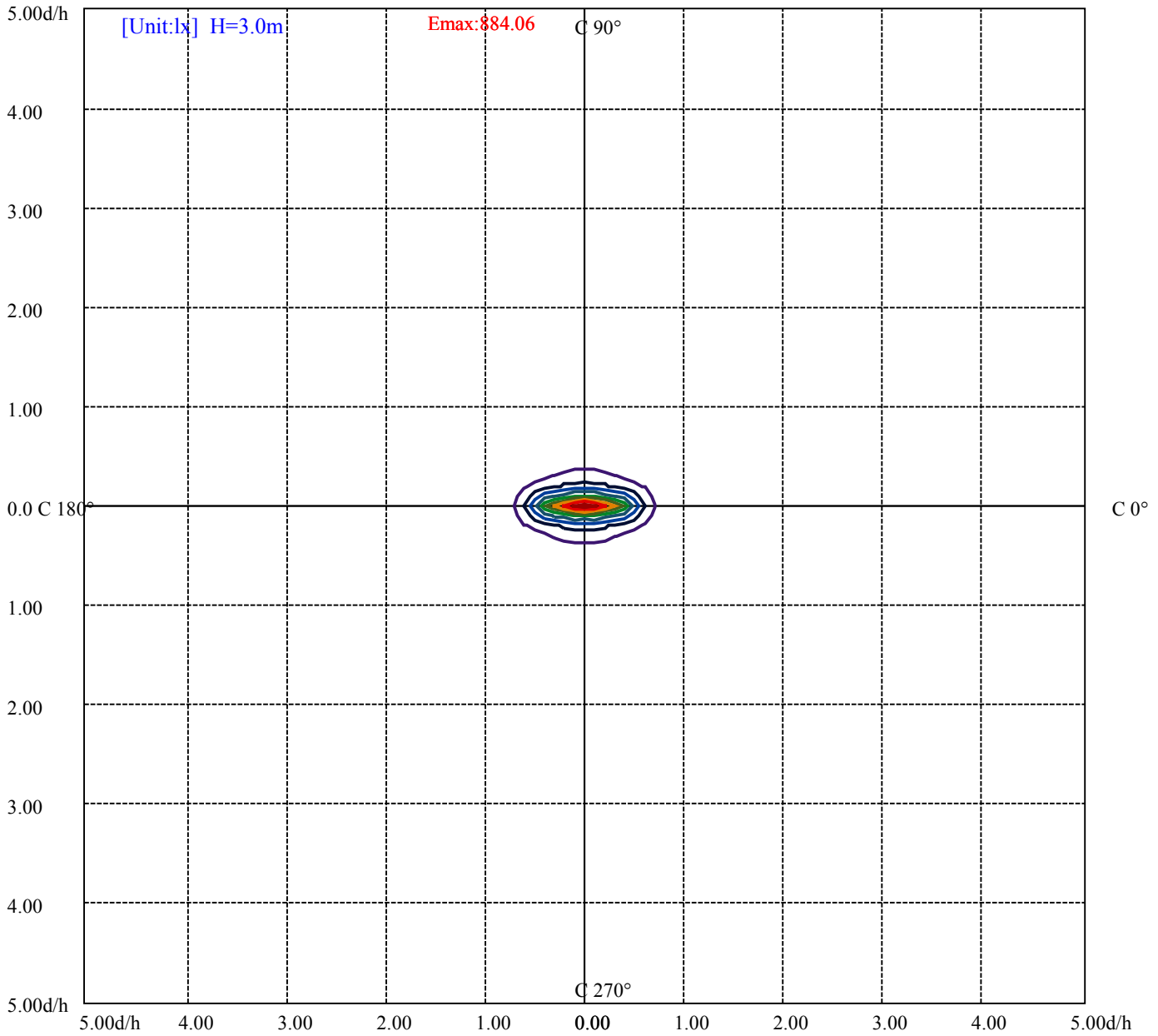


C30(Max): ———  
C0/C180: ———  
C90/C270: ———



Max , Ave    C30面光束角22.15

ROLED 地埋灯  
平面等照度曲线



(10%Emax) 88.40556	——
(20%Emax) 176.8111	——
(30%Emax) 265.2167	——
(40%Emax) 353.6222	——
(50%Emax) 442.0278	——
(60%Emax) 530.4333	——
(70%Emax) 618.8389	——
(80%Emax) 707.2444	——
(90%Emax) 795.65	——

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/18  
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)

附页 第 5页 共8页

亮度值表

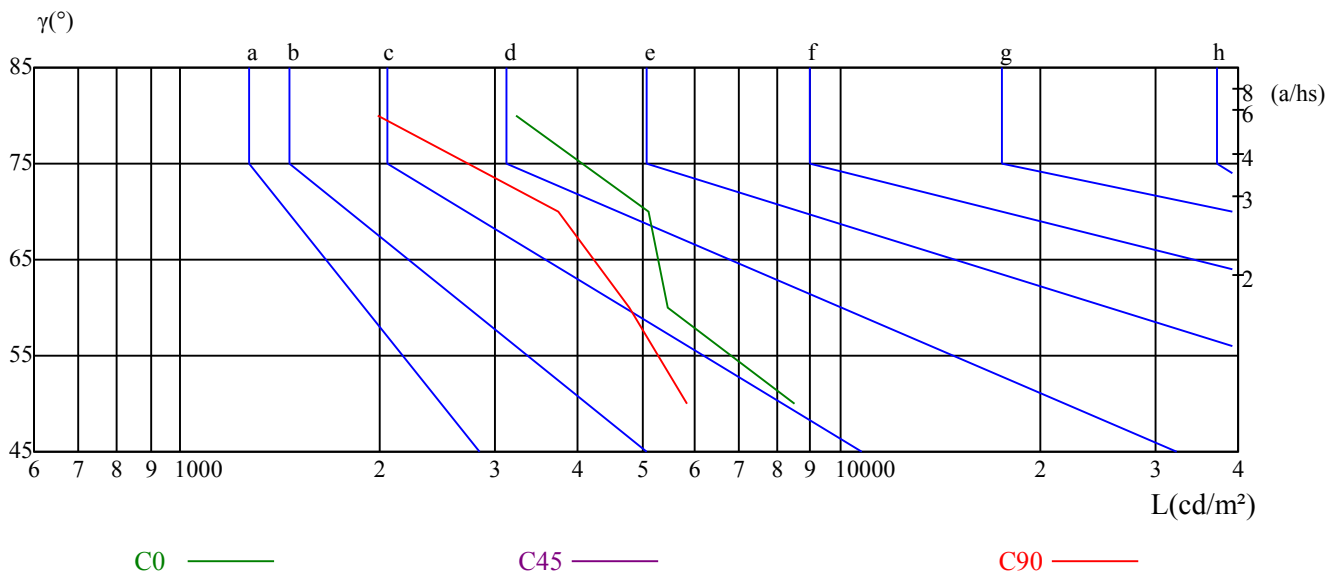
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8509	0	5463	0	5109	0	3219	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5867	0	4770	0	3729	0	1995	0

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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/18  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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	10.24	11.31	10.60	11.62	11.93	10.70	11.78	11.07	12.09	12.40
	3H	11.46	12.40	11.84	12.74	13.10	12.23	13.18	12.61	13.51	13.88
	4H	11.80	12.68	12.21	13.03	13.42	12.74	13.62	13.14	13.97	14.36
	6H	11.94	12.75	12.36	13.12	13.52	13.01	13.81	13.43	14.19	14.58
	8H	11.94	12.70	12.37	13.09	13.50	13.04	13.80	13.48	14.19	14.60
	12H	11.91	12.64	12.35	13.02	13.45	13.03	13.76	13.47	14.14	14.57
4H	2H	10.73	11.60	11.13	11.96	12.35	11.11	11.98	11.51	12.34	12.72
	3H	12.17	12.89	12.59	13.30	13.70	12.80	13.52	13.22	13.93	14.33
	4H	12.62	13.26	13.06	13.69	14.13	13.40	14.04	13.84	14.47	14.91
	6H	12.79	13.34	13.26	13.79	14.26	13.70	14.25	14.17	14.70	15.17
	8H	12.80	13.31	13.27	13.76	14.23	13.75	14.26	14.22	14.71	15.18
	12H	12.77	13.21	13.26	13.70	14.18	13.74	14.18	14.23	14.67	15.14
8H	4H	12.80	13.31	13.28	13.76	14.24	13.51	14.02	13.99	14.47	14.95
	6H	13.05	13.46	13.56	13.96	14.44	13.88	14.28	14.39	14.78	15.27
	8H	13.08	13.44	13.61	13.96	14.46	13.95	14.31	14.48	14.83	15.33
	12H	13.69	14.00	14.21	14.50	15.08	14.52	14.83	15.04	15.33	15.90
12H	4H	12.78	13.22	13.27	13.71	14.19	13.48	13.92	13.97	14.41	14.88
	6H	13.38	13.41	13.58	13.88	14.42	14.19	14.21	14.39	14.69	15.23
	8H	13.10	13.41	13.62	13.91	14.49	13.95	14.26	14.47	14.76	15.34
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.5					3.5/-2.1					
S = 1.5H	0.9/-1.1					5.5/-2.3					
S = 2.0H	1.8/-1.5					7.3/-2.5					
标准表格	BK3					BK2					
更正系数	-1.4					1.0					

ROLED 地埋灯

光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	7941.57	7889.39	7733.62	7512.61	7301.58	7085.18	6891.04	6722.98	6558.76
30.0	7959.22	7788.87	7143.50	6214.21	5198.21	4298.84	3514.58	2916.03	2411.86
60.0	7953.85	7250.17	5771.43	4229.01	3134.73	2506.25	2074.98	1745.01	1487.33
90.0	7946.18	7325.37	5512.83	3850.69	2879.96	2288.32	1908.46	1605.35	1354.42
120.0	7950.02	7238.66	5662.47	4146.90	3137.80	2493.20	2091.87	1762.66	1499.68
150.0	7945.41	7747.43	7062.93	6104.48	5068.52	4176.06	3417.89	2845.43	2364.29
180.0	7941.57	7880.18	7715.97	7495.73	7268.59	7046.81	6868.78	6706.87	6557.23
210.0	7959.22	7626.95	6864.95	5952.54	4987.18	4152.27	3408.68	2873.82	2406.49
240.0	7953.85	7408.25	5934.12	4381.72	3331.95	2652.82	2214.65	1880.84	1609.95
270.0	7946.18	6977.75	5128.37	3719.47	2826.25	2280.64	1913.07	1578.49	1370.15
300.0	7950.02	7396.74	5898.05	4334.14	3323.51	2629.80	2167.07	1833.26	1562.38
330.0	7945.41	7629.25	6859.57	5918.00	4921.18	4025.65	3316.60	2777.90	2307.50
360.0	7941.57	7889.39	7733.62	7512.61	7301.58	7085.18	6891.04	6722.98	6558.76
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	6342.36	6067.64	5640.21	5043.20	4347.95	3618.95	2867.68	2232.30	1718.15
30.0	2017.43	1706.64	1421.18	1210.15	1023.68	875.58	743.59	631.55	539.47
60.0	1266.94	1060.67	890.31	738.29	609.14	504.17	424.97	358.44	307.10
90.0	1121.14	925.46	748.19	606.23	494.19	411.31	347.31	300.12	262.14
120.0	1264.64	1065.96	885.55	740.06	610.22	505.55	423.05	357.90	310.02
150.0	1985.20	1687.46	1425.78	1208.62	1025.21	878.65	749.73	643.06	546.37
180.0	6372.29	6080.69	5657.10	5047.80	4344.88	3566.00	2832.38	2188.56	1618.40
210.0	2055.03	1744.25	1482.65	1270.47	1081.92	917.55	784.34	673.76	571.54
240.0	1356.72	1146.46	956.92	798.84	662.25	547.14	457.36	389.06	329.97
270.0	1147.84	940.73	758.40	620.81	505.24	414.00	348.39	300.96	262.21
300.0	1315.28	1108.86	933.13	769.68	642.29	524.89	438.94	390.59	318.15
330.0	1936.86	1643.72	1386.03	1180.30	999.28	843.96	717.96	614.67	520.05
360.0	6342.36	6067.64	5640.21	5043.20	4347.95	3618.95	2867.68	2232.30	1718.15
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1285.35	966.89	721.33	549.44	418.22	320.15	251.01	197.45	160.54
30.0	459.66	392.90	337.49	291.76	251.01	219.32	192.07	169.05	149.48
60.0	269.66	238.73	214.25	194.61	179.03	164.91	152.86	142.50	132.45
90.0	233.21	211.64	193.15	178.41	165.98	155.55	145.57	136.13	126.62
120.0	271.27	242.18	217.86	198.14	181.79	168.36	156.24	145.49	136.06
150.0	467.33	402.87	343.94	297.74	256.38	223.77	195.83	172.66	153.55
180.0	1286.51	967.66	739.44	561.34	433.49	328.59	257.61	201.28	163.14
210.0	488.59	420.91	358.13	306.87	262.90	227.91	198.67	174.73	152.78
240.0	285.85	253.85	226.38	205.27	187.39	171.66	158.31	147.34	136.44
270.0	233.74	212.26	193.53	178.88	166.14	155.39	145.11	135.67	125.62
300.0	274.95	243.10	218.47	197.60	180.95	166.44	154.63	144.04	134.44
330.0	443.62	382.38	326.13	280.32	241.72	211.03	185.63	164.91	145.80
360.0	1285.35	966.89	721.33	549.44	418.22	320.15	251.01	197.45	160.54
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	134.52	119.86	107.59	98.61	89.94	81.27	73.51	68.07	63.08
30.0	133.68	119.63	107.82	97.92	88.63	80.57	71.98	63.54	55.56
60.0	123.16	114.34	106.13	97.00	87.94	78.58	69.22	59.55	52.26
90.0	117.56	107.05	96.15	86.10	76.05	67.38	58.93	52.34	46.04
120.0	126.77	117.79	109.20	99.45	89.48	79.65	70.37	60.47	52.95
150.0	136.59	122.24	109.58	99.07	89.32	80.88	72.06	63.08	55.94
180.0	136.82	119.71	107.66	97.61	88.25	79.50	72.44	67.38	60.93
210.0	135.21	120.78	107.51	96.69	87.02	78.58	70.29	61.93	54.79
240.0	126.46	117.64	108.20	98.30	88.25	79.12	69.45	60.01	52.26
270.0	115.64	104.82	93.47	83.11	73.28	64.61	56.40	49.96	44.05
300.0	125.08	116.18	107.13	97.38	88.09	78.58	69.60	60.09	51.95
330.0	130.22	117.64	106.13	96.15	86.87	78.66	70.21	61.93	53.95
360.0	134.52	119.86	107.59	98.61	89.94	81.27	73.51	68.07	63.08

# ROLED 地埋灯

## 光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	53.95	44.58	34.69	28.32	20.18	10.67	2.30	1.61	0.46
30.0	49.42	42.05	32.23	23.17	17.80	10.51	3.61	1.38	0.54
60.0	45.81	38.75	29.01	21.03	15.12	8.59	2.84	1.15	0.46
90.0	39.83	31.08	23.94	19.18	12.51	6.60	2.15	1.38	0.38
120.0	45.97	38.68	28.47	20.72	15.12	8.21	2.61	1.15	0.38
150.0	49.04	41.98	31.46	23.02	17.57	10.13	3.45	1.38	0.46
180.0	52.80	41.75	33.69	26.47	18.57	8.67	2.46	1.53	0.46
210.0	48.42	40.44	29.77	22.41	16.19	8.98	2.61	1.23	0.46
240.0	45.74	39.14	29.24	21.33	15.96	8.75	2.92	1.15	0.46
270.0	37.29	28.62	22.25	17.27	11.05	5.22	1.69	1.07	0.31
300.0	45.35	38.83	29.24	20.80	15.65	8.44	2.69	1.15	0.46
330.0	47.50	39.83	29.54	21.87	16.11	8.90	2.76	1.23	0.46
360.0	53.95	44.58	34.69	28.32	20.18	10.67	2.30	1.61	0.46
C/γ(°)	90.0								
0.0	0.23								
30.0	0.23								
60.0	0.15								
90.0	0.23								
120.0	0.08								
150.0	0.15								
180.0	0.15								
210.0	0.15								
240.0	0.15								
270.0	0.15								
300.0	0.23								
330.0	0.15								
360.0	0.23								