

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G1034A-18-UN(30-OL-18WN-AA, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210323010

电流(A): 0.0980

光源规格型号: OL

功率(W): 20.4000

每个光源光通量(lm)

功率因数: 0.9420

光源数量: 18

镇流器型号:

发光面长度(mm): 162

发光面宽度(mm): 162

测试模式: C

发光面高度(mm): 0

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## 光度结果

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灯具光通量(lm): 1922.21

灯具效能(lm/w): 94.23

中心光强(cd): 5344.774

最大光强(cd): 5364.726

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=28.8

[C90/270]Total=28.7

光束扩散角(10%Imax): [C0/180]Total=55.2

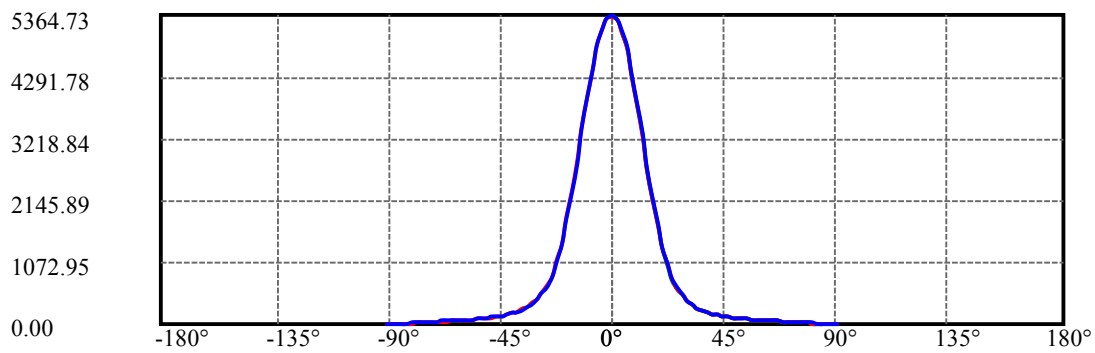
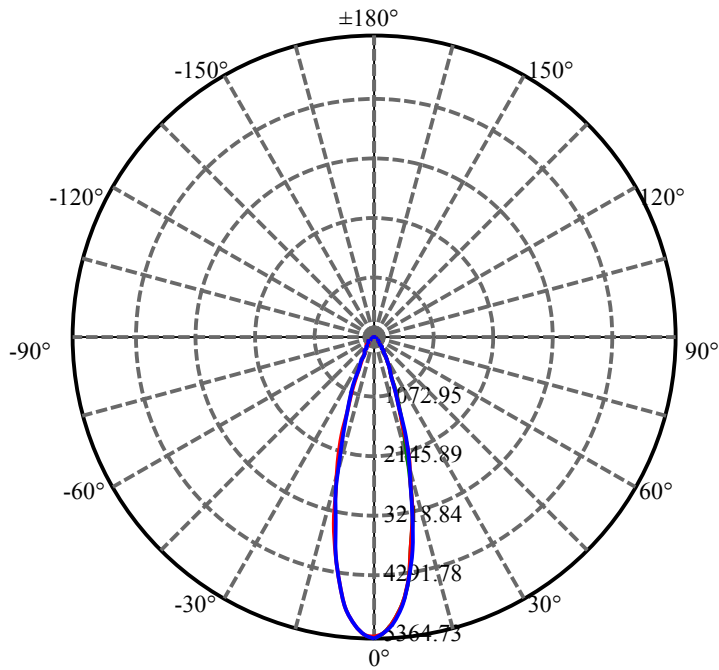
[C90/270]Total=55.0

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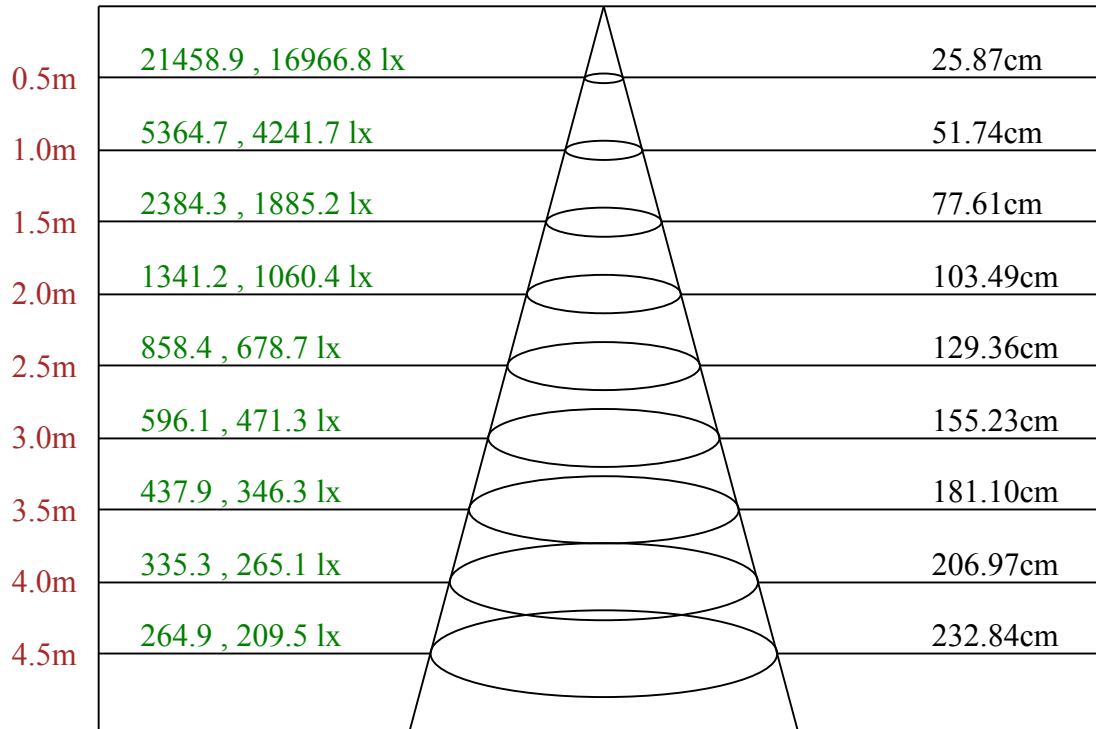
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/23  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

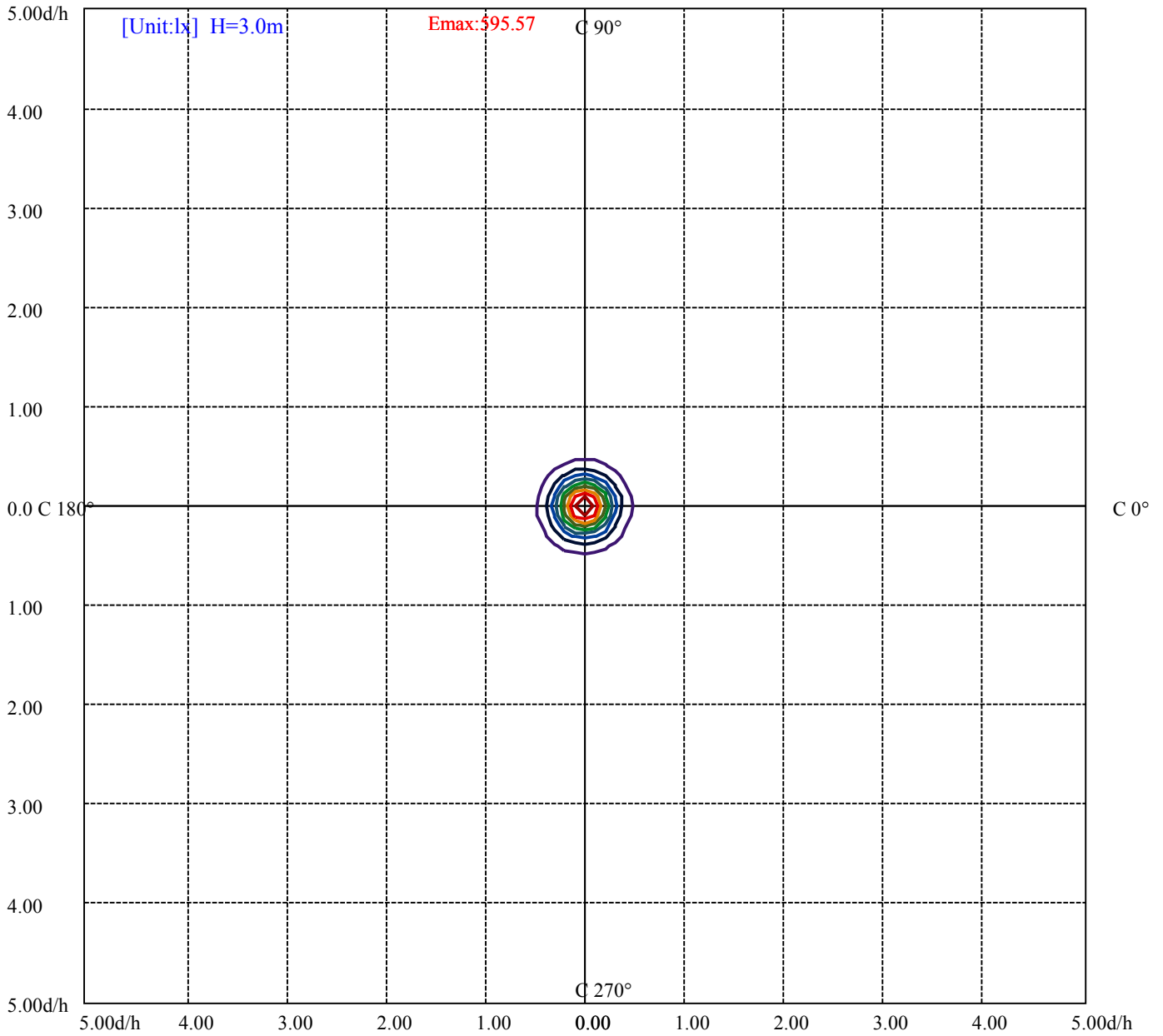


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角29.01

ROLED 地埋灯  
平面等照度曲线



(10%Emax) 59.55678	——
(20%Emax) 119.1133	——
(30%Emax) 178.67	——
(40%Emax) 238.2278	——
(50%Emax) 297.7845	——
(60%Emax) 357.3411	——
(70%Emax) 416.8978	——
(80%Emax) 476.4544	——
(90%Emax) 536.0111	——

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# ROLED 地埋灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

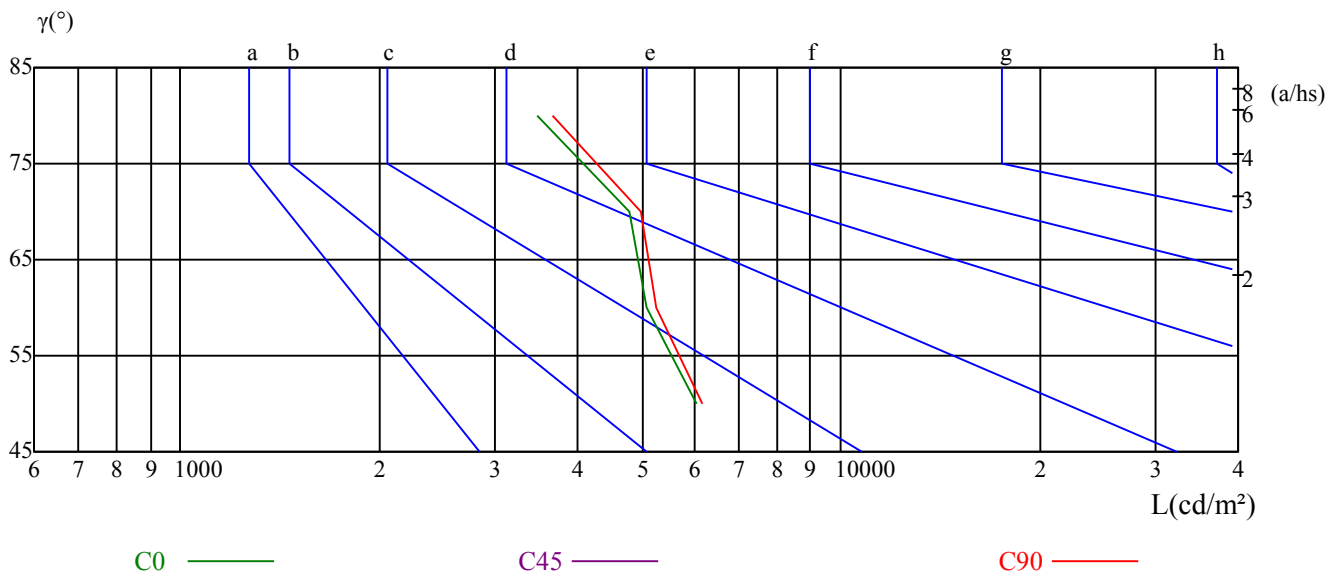
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6032	0	5076	0	4779	0	3469	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6155	0	5246	0	4976	0	3671	0

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: 2021/3/23  
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	11.62	12.71	11.99	13.02	13.34	11.47	12.56	11.84	12.87	13.19
	3H	13.41	14.37	13.79	14.71	15.07	13.15	14.11	13.53	14.45	14.81
	4H	14.08	14.97	14.48	15.32	15.71	13.76	14.66	14.17	15.01	15.40
	6H	14.49	15.31	14.91	15.68	16.08	14.15	14.97	14.57	15.34	15.74
	8H	14.57	15.34	15.00	15.73	16.14	14.22	15.00	14.66	15.39	15.80
	12H	14.61	15.35	15.05	15.73	16.16	14.26	15.00	14.69	15.38	15.81
4H	2H	12.15	13.05	12.56	13.40	13.79	12.03	12.93	12.44	13.28	13.67
	3H	14.15	14.89	14.57	15.29	15.70	13.93	14.66	14.34	15.07	15.48
	4H	14.93	15.58	15.36	16.01	16.45	14.65	15.31	15.09	15.73	16.18
	6H	15.36	15.92	15.83	16.37	16.84	15.06	15.62	15.53	16.07	16.54
	8H	15.46	15.99	15.94	16.44	16.91	15.16	15.68	15.64	16.13	16.61
	12H	15.51	15.96	16.00	16.45	16.92	15.19	15.65	15.68	16.13	16.61
8H	4H	15.14	15.66	15.61	16.11	16.59	14.90	15.42	15.37	15.87	16.35
	6H	15.68	16.10	16.19	16.60	17.08	15.43	15.84	15.93	16.35	16.83
	8H	15.84	16.21	16.37	16.73	17.22	15.58	15.95	16.11	16.47	16.96
	12H	16.39	16.71	16.91	17.21	17.79	16.13	16.45	16.65	16.95	17.53
12H	4H	15.13	15.59	15.62	16.07	16.55	14.89	15.35	15.38	15.83	16.31
	6H	16.05	16.07	16.23	16.54	17.08	15.81	15.82	15.98	16.29	16.84
	8H	15.88	16.20	16.40	16.70	17.28	15.63	15.95	16.15	16.45	17.03
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.5/-0.6					
S = 1.5H	1.0/-0.9					1.0/-0.9					
S = 2.0H	2.0/-0.9					2.0/-1.0					
标准表格	BK3					BK3					
更正系数	-0.5					-0.6					

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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	5344.77	5265.73	5056.24	4750.06	4324.93	3803.88	3229.89	2705.77	2175.51
30.0	5364.73	5279.55	5067.75	4754.66	4341.81	3813.09	3276.70	2706.54	2168.60
60.0	5355.52	5243.48	5030.92	4707.85	4253.57	3751.70	3194.59	2652.82	2124.86
90.0	5353.21	5277.24	5086.94	4786.12	4364.83	3843.79	3285.90	2742.60	2196.23
120.0	5347.84	5269.57	5064.68	4757.73	4321.09	3832.28	3272.86	2726.49	2188.56
150.0	5343.24	5303.34	5143.72	4867.47	4472.27	3968.87	3443.98	2875.36	2322.08
180.0	5344.77	5301.80	5126.07	4840.61	4423.92	3943.55	3397.94	2857.71	2312.10
210.0	5364.73	5332.50	5167.51	4884.35	4499.89	3988.82	3438.61	2906.05	2348.17
240.0	5355.52	5336.33	5189.00	4931.16	4550.54	4087.04	3530.70	2979.72	2430.28
270.0	5353.21	5307.94	5126.84	4832.17	4415.48	3920.52	3362.64	2801.69	2276.80
300.0	5347.84	5299.50	5122.23	4841.38	4437.74	3929.73	3358.04	2829.32	2285.25
330.0	5343.24	5262.66	5048.57	4725.50	4307.28	3772.42	3210.70	2648.21	2134.07
360.0	5344.77	5265.73	5056.24	4750.06	4324.93	3803.88	3229.89	2705.77	2175.51

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1699.74	1331.40	1019.08	789.63	615.44	494.96	399.04	333.35	278.02
30.0	1702.04	1324.49	1010.63	778.12	613.90	488.05	395.20	330.05	275.56
60.0	1530.22	1285.12	996.90	769.99	602.62	486.52	395.05	325.52	273.26
90.0	1743.48	1340.61	1021.38	795.00	619.27	492.66	399.04	332.43	277.79
120.0	1718.92	1329.02	1025.67	789.48	616.13	497.34	403.41	331.89	278.17
150.0	1857.05	1434.99	1097.35	854.09	663.01	524.89	423.59	352.15	292.83
180.0	1827.12	1414.35	1096.43	843.12	656.57	527.57	426.97	350.00	292.45
210.0	1857.05	1464.54	1114.46	858.69	680.13	537.09	434.95	357.14	298.36
240.0	1919.21	1515.57	1160.27	897.06	692.94	555.58	446.61	387.52	309.33
270.0	1795.66	1414.66	1077.17	830.15	648.66	518.36	420.37	346.32	291.45
300.0	1791.82	1407.37	1075.86	833.37	646.90	519.51	419.75	350.15	292.29
330.0	1600.75	1309.14	995.44	768.60	611.14	484.90	394.12	325.21	273.11
360.0	1699.74	1331.40	1019.08	789.63	615.44	494.96	399.04	333.35	278.02

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	235.58	205.27	178.34	156.08	138.36	123.62	111.12	101.75	92.78
30.0	234.59	203.20	176.96	155.32	138.82	124.01	112.04	102.06	93.62
60.0	234.97	202.74	178.26	156.93	139.13	124.70	112.73	102.98	94.39
90.0	238.65	205.66	179.41	157.77	140.58	125.77	113.49	103.83	94.92
120.0	238.81	205.96	180.87	158.92	140.66	125.93	114.11	103.67	94.85
150.0	249.78	214.64	186.32	163.37	145.49	129.76	116.87	106.51	97.30
180.0	250.47	215.25	188.16	164.76	145.26	129.07	116.33	105.05	95.62
210.0	253.54	218.24	190.77	167.21	147.57	130.99	118.33	107.28	98.15
240.0	261.75	227.53	197.37	172.35	152.40	135.98	121.94	111.12	101.06
270.0	248.32	214.17	185.94	163.99	145.19	130.22	117.33	106.51	97.23
300.0	247.79	215.40	187.16	163.83	144.96	130.15	117.10	106.44	97.38
330.0	233.05	201.28	176.73	155.78	138.36	123.62	112.27	102.44	94.39
360.0	235.58	205.27	178.34	156.08	138.36	123.62	111.12	101.75	92.78

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	84.95	78.27	72.29	66.61	61.77	57.40	52.72	48.04	42.90
30.0	85.95	79.27	73.51	68.07	63.16	58.09	53.33	48.57	44.05
60.0	87.25	80.42	74.44	68.91	63.92	58.78	53.64	48.96	43.66
90.0	87.56	80.42	74.51	68.83	64.08	59.24	54.48	49.80	44.66
120.0	87.48	80.57	74.28	68.68	63.62	58.55	53.95	49.04	43.97
150.0	89.40	82.26	76.43	70.75	65.61	60.70	52.64	46.81	39.83
180.0	87.86	80.19	71.60	64.61	59.78	56.63	48.81	45.58	40.06
210.0	89.86	82.57	76.05	70.29	65.07	60.09	55.71	51.03	46.27
240.0	92.55	85.41	78.43	72.67	67.22	62.39	57.32	52.41	47.19
270.0	89.17	82.19	75.66	70.45	65.30	60.47	55.94	50.95	45.89
300.0	89.25	82.11	75.66	70.21	65.00	60.01	55.17	50.42	45.20
330.0	87.02	80.34	74.28	69.06	64.08	59.01	54.56	49.57	44.58
360.0	84.95	78.27	72.29	66.61	61.77	57.40	52.72	48.04	42.90

# 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	37.60	32.38	26.93	21.64	15.81	10.13	4.68	0.77	0.38
30.0	38.52	33.15	27.93	22.33	16.35	10.21	4.76	0.77	0.46
60.0	38.37	32.46	26.93	21.56	15.35	9.67	4.30	0.77	0.46
90.0	39.14	33.69	28.55	23.02	16.73	10.67	5.29	0.84	0.46
120.0	38.37	33.00	27.40	21.95	16.11	10.21	4.83	0.77	0.38
150.0	33.76	28.32	25.63	21.33	17.27	11.51	5.91	1.07	0.38
180.0	35.22	30.16	26.47	21.56	16.11	10.44	4.91	0.92	0.46
210.0	40.90	34.99	29.39	23.71	17.80	11.20	5.83	1.15	0.46
240.0	41.75	36.14	30.31	24.86	18.80	12.51	6.29	1.53	0.54
270.0	40.44	35.22	29.62	24.02	17.80	11.66	5.91	1.07	0.46
300.0	39.83	34.15	28.70	23.33	17.42	11.66	5.68	1.15	0.46
330.0	38.98	33.38	27.78	22.33	16.65	10.21	4.83	0.84	0.46
360.0	37.60	32.38	26.93	21.64	15.81	10.13	4.68	0.77	0.38

C/γ(°)	90.0
0.0	0.08
30.0	0.08
60.0	0.00
90.0	0.00
120.0	0.08
150.0	0.15
180.0	0.08
210.0	0.23
240.0	0.15
270.0	0.08
300.0	0.08
330.0	0.00
360.0	0.08