

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G3053A-27-UN(30-OL-27WN-AA, P1)

报告编号:

电压(V): 201.8000

测试编号: 20210310004

电流(A): 0.1680

光源规格型号: OL

功率(W): 29.9000

每个光源光通量(lm)

功率因数: 0.8830

光源数量: 27

镇流器型号:

发光面长度(mm): 920

发光面宽度(mm): 40

测试模式: C

发光面高度(mm): 0

## 光度结果

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灯具光通量(lm): 2544.22

灯具效能(lm/w): 85.09

中心光强(cd): 7057.557

最大光强(cd): 7249.401

最大光强角度: C=90.0  $\gamma$ =2.0

半峰边角(50%Imax): [C0/180]Total=29.7

[C90/270]Total=29.5

光束扩散角(10%Imax): [C0/180]Total=56.8

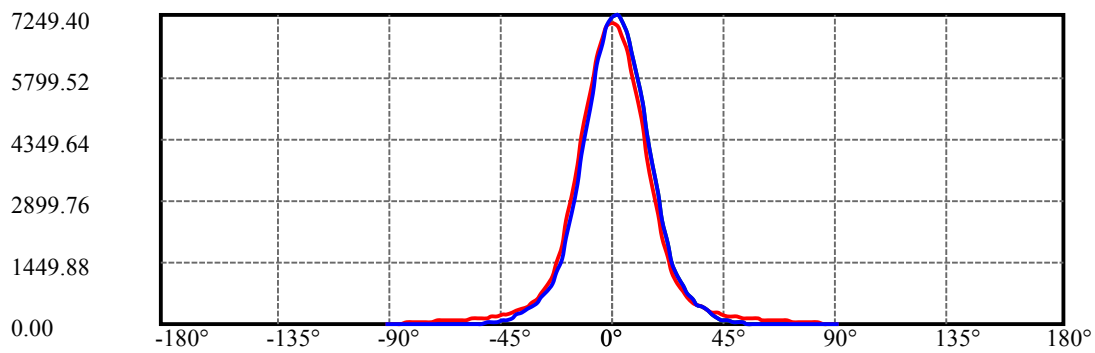
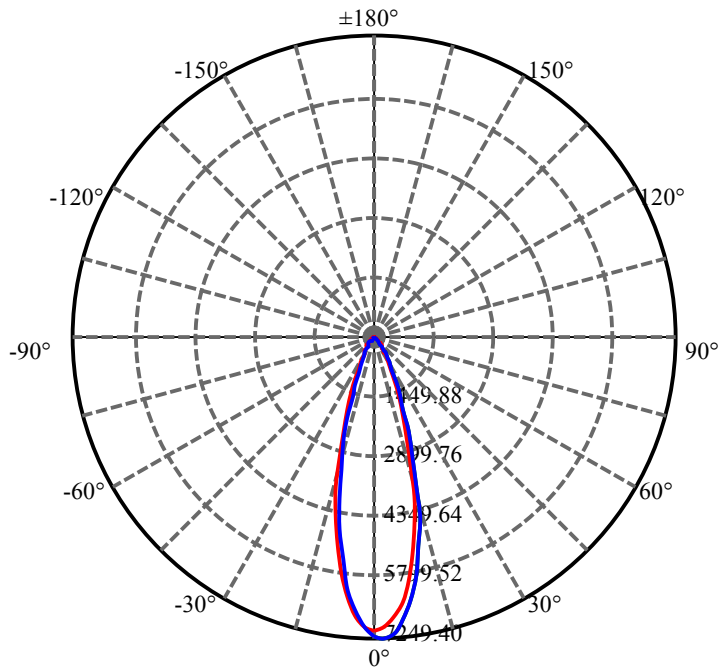
[C90/270]Total=56.4

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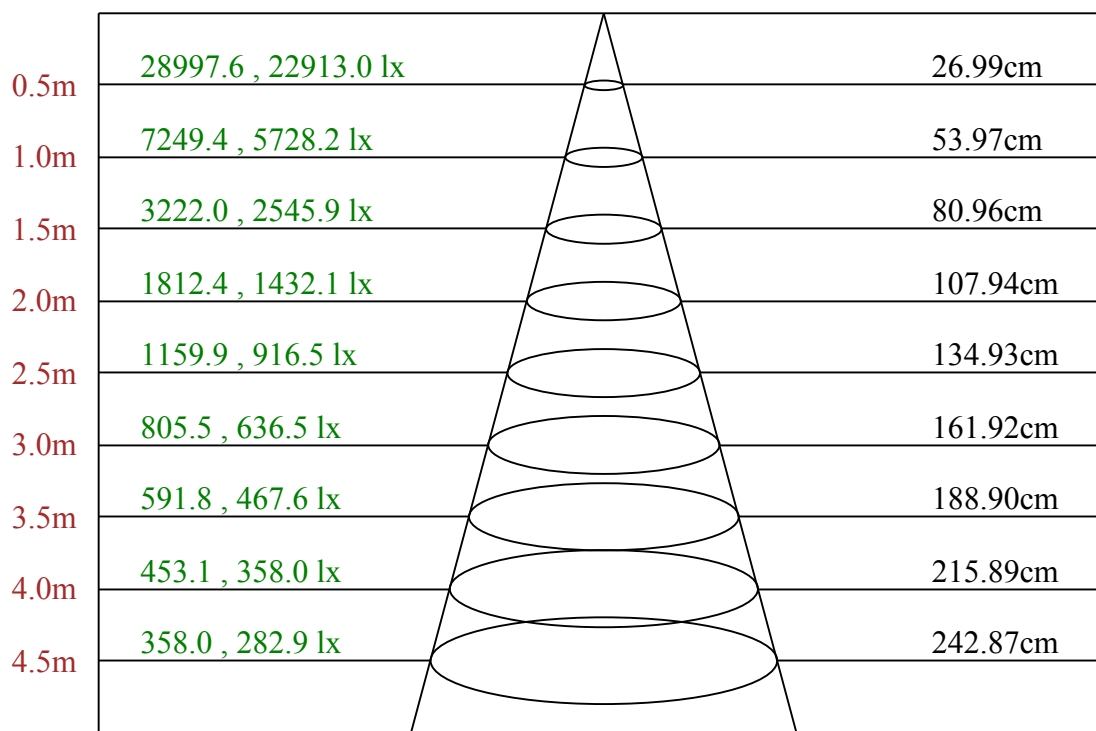
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/10  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

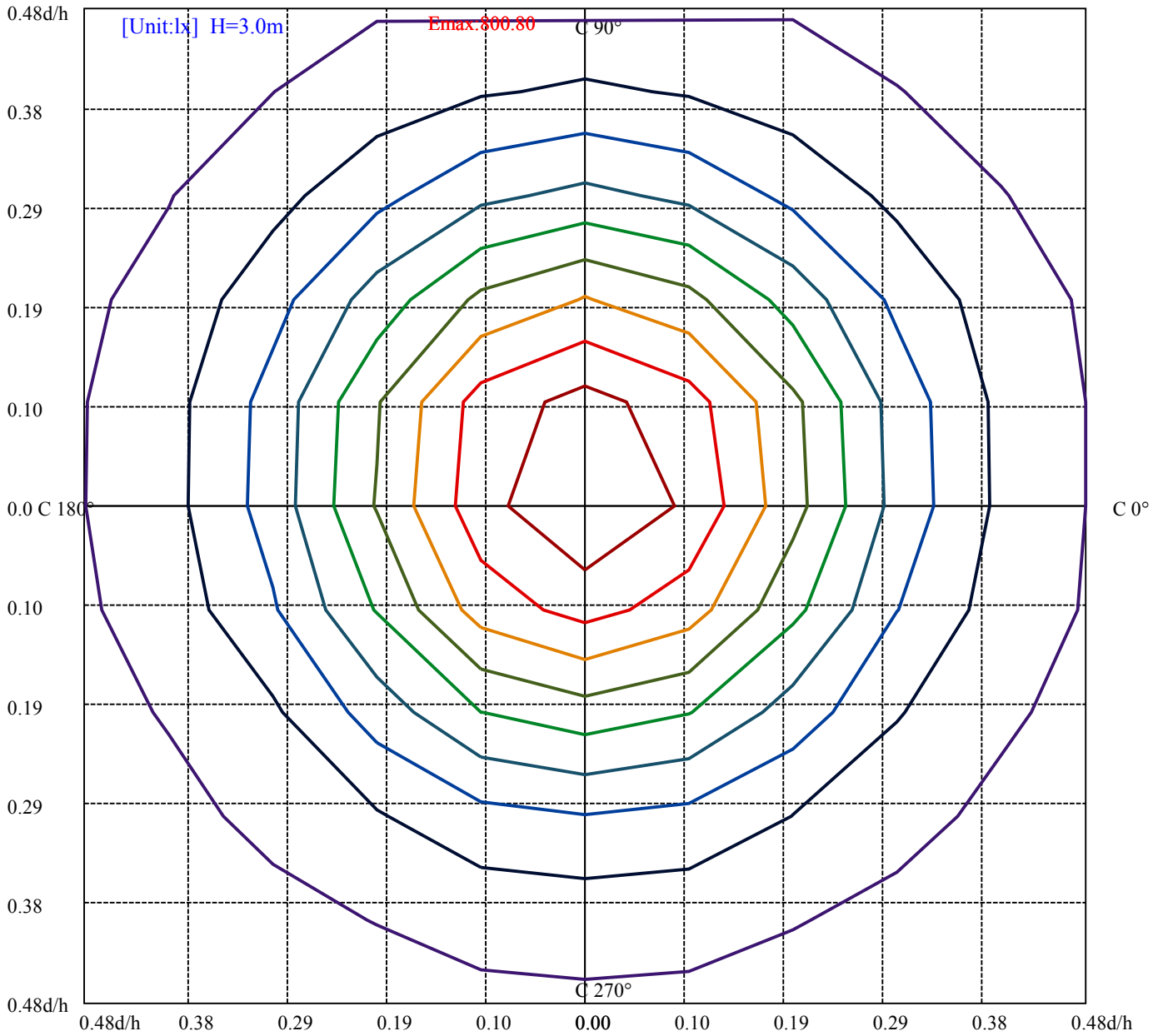


C90(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C90面光束角30.18

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平面等照度曲线



- (10%Emax) 80.07999
- (20%Emax) 160.16
- (30%Emax) 240.24
- (40%Emax) 320.32
- (50%Emax) 400.4
- (60%Emax) 480.48
- (70%Emax) 560.56
- (80%Emax) 640.64
- (90%Emax) 720.72

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/10  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

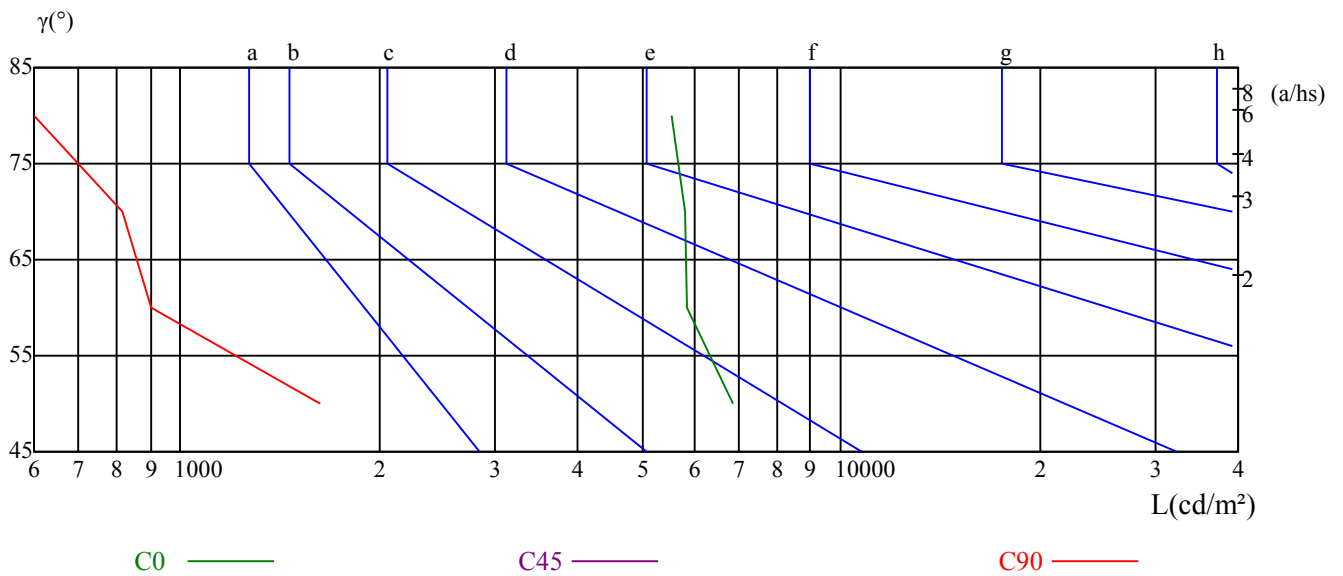
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6852	0	5847	0	5823	0	5536	0
C45	0	0	0	0	0	0	0	0	0
C90	0	1625	0	905	0	817	0	180	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
54522	26316	0	51318	32151	0	68858	71610	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( $^{\circ}\text{C}$ ): 25.0

测试日期: 2021/3/10  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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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	7057.56	6986.96	6759.05	6416.03	5919.54	5297.96	4620.37	3934.34	3206.86
30.0	7197.22	7199.52	7042.98	6726.05	6287.11	5747.65	5087.70	4380.95	3646.57
60.0	7217.17	7224.08	7046.81	6725.28	6294.79	5716.95	5092.31	4370.97	3627.39
90.0	7198.75	7249.40	7110.51	6808.93	6392.24	5823.62	5164.44	4496.06	3757.07
120.0	7214.10	7231.75	7066.77	6752.14	6287.11	5683.95	5013.27	4327.23	3586.72
150.0	7197.99	7211.80	7040.67	6709.17	6217.28	5576.52	4847.51	4136.92	3430.94
180.0	7057.56	6965.47	6695.36	6267.16	5739.21	5084.63	4397.83	3727.15	3028.83
210.0	7197.22	7001.54	6630.90	6145.91	5503.62	4799.94	4111.60	3380.29	2741.07
240.0	7217.17	7018.42	6657.75	6144.38	5549.66	4831.40	4103.16	3373.38	2706.54
270.0	7198.75	6967.01	6567.97	6063.81	5409.23	4699.41	3972.71	3281.30	2611.38
300.0	7214.10	7018.42	6653.15	6156.66	5542.76	4872.84	4147.67	3417.89	2750.28
330.0	7197.99	7008.45	6666.96	6229.56	5600.31	4962.62	4252.80	3516.88	2864.61
360.0	7057.56	6986.96	6759.05	6416.03	5919.54	5297.96	4620.37	3934.34	3206.86
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2560.73	2025.87	1555.47	1208.62	947.71	761.24	620.04	512.61	431.27
30.0	2980.49	2355.08	1846.31	1421.95	1105.02	882.48	709.06	579.37	481.14
60.0	2926.77	2328.22	1797.19	1393.25	1098.35	863.22	693.48	564.17	467.18
90.0	3039.58	2426.44	1873.93	1434.99	1109.63	881.72	702.92	572.46	462.73
120.0	2927.54	2301.36	1773.41	1396.16	1080.31	850.10	683.73	562.26	463.11
150.0	2814.74	2227.69	1714.32	1300.70	1007.56	815.72	662.25	547.91	448.91
180.0	2429.51	1859.35	1445.81	1114.84	885.01	702.99	572.62	474.93	402.80
210.0	2155.56	1518.48	1285.74	1009.79	795.08	641.14	534.25	443.39	376.40
240.0	2115.66	1628.37	1261.57	981.47	785.03	621.57	514.91	426.66	360.74
270.0	2036.62	1518.41	1225.04	964.36	763.31	615.51	501.71	415.30	340.41
300.0	2156.33	1663.67	1273.08	1007.56	798.84	646.90	530.26	440.47	389.06
330.0	2259.15	1764.96	1373.22	1080.77	852.63	687.49	565.17	469.48	401.57
360.0	2560.73	2025.87	1555.47	1208.62	947.71	761.24	620.04	512.61	431.27
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	388.29	323.07	281.47	248.40	220.24	197.37	178.41	162.07	148.72
30.0	409.78	352.38	308.87	269.66	236.89	209.57	186.78	166.44	148.64
60.0	388.60	324.45	272.03	219.01	165.75	112.65	82.57	62.08	47.12
90.0	387.52	295.98	216.63	135.83	94.54	71.37	52.72	38.45	25.63
120.0	389.52	326.52	272.03	220.77	170.13	119.25	86.56	65.53	49.50
150.0	387.52	332.04	293.37	256.46	223.23	198.21	179.26	163.22	143.81
180.0	345.70	298.36	261.14	229.45	204.43	184.48	169.21	154.40	140.66
210.0	324.52	282.85	248.48	221.85	196.76	176.50	159.38	142.96	128.31
240.0	305.03	258.61	212.26	167.52	122.63	89.09	68.30	51.95	38.06
270.0	273.34	204.58	136.13	95.00	71.37	54.02	38.91	26.24	19.41
300.0	316.01	266.43	218.16	171.66	124.78	91.78	68.30	53.10	38.60
330.0	345.78	302.50	265.05	233.74	206.73	185.32	166.14	148.49	134.14
360.0	388.29	323.07	281.47	248.40	220.24	197.37	178.41	162.07	148.72
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	136.67	125.70	115.87	107.59	99.45	92.09	85.33	79.04	73.28
30.0	133.37	117.10	101.22	84.33	67.53	47.88	33.30	21.33	12.20
60.0	33.84	21.95	16.04	15.58	15.27	14.66	13.89	12.97	11.51
90.0	18.03	17.27	16.88	16.65	15.96	15.27	14.04	12.43	10.28
120.0	35.84	22.94	15.96	15.27	14.89	14.43	13.66	12.58	11.20
150.0	128.38	114.26	100.60	84.72	67.07	49.19	34.61	22.18	12.43
180.0	129.53	120.17	112.27	102.98	95.46	88.86	81.65	75.97	69.83
210.0	113.96	99.76	84.56	68.53	49.27	34.61	21.95	12.58	11.20
240.0	25.32	17.73	16.96	16.73	16.04	15.19	13.97	12.12	9.82
270.0	18.95	18.80	18.26	17.57	16.50	14.89	12.51	10.13	7.90
300.0	25.48	17.65	17.04	16.88	16.04	15.19	13.97	12.12	9.75
330.0	118.79	103.14	86.33	69.60	48.65	35.30	23.02	12.97	11.28
360.0	136.67	125.70	115.87	107.59	99.45	92.09	85.33	79.04	73.28

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光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	66.99	59.32	51.95	43.89	35.38	26.70	18.03	9.52	1.92
30.0	10.51	9.90	8.98	7.90	6.14	3.76	1.92	0.61	0.38
60.0	9.44	7.29	5.29	3.38	1.69	0.69	0.61	0.46	0.31
90.0	8.21	6.29	4.30	2.30	1.15	0.77	0.61	0.46	0.31
120.0	9.36	7.29	5.37	3.38	1.84	0.69	0.61	0.54	0.31
150.0	10.21	9.59	8.75	7.75	5.99	3.91	2.00	0.69	0.46
180.0	64.46	57.02	50.26	40.90	33.30	24.86	16.35	9.98	2.38
210.0	10.59	9.67	8.21	6.06	3.68	1.76	0.54	0.31	0.23
240.0	7.60	5.45	3.38	1.69	0.61	0.54	0.46	0.31	0.15
270.0	5.83	3.61	1.69	0.77	0.61	0.54	0.38	0.31	0.15
300.0	7.44	5.53	3.30	1.69	0.69	0.61	0.38	0.31	0.15
330.0	10.74	9.52	8.21	6.29	3.84	1.92	0.61	0.46	0.23
360.0	66.99	59.32	51.95	43.89	35.38	26.70	18.03	9.52	1.92
C/γ(°)	90.0								
0.0	0.15								
30.0	0.23								
60.0	0.23								
90.0	0.15								
120.0	0.23								
150.0	0.31								
180.0	0.31								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.15								
360.0	0.15								