

浙大三色

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## ROLED

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灯具名称: 地埋灯

灯具描述: G3083A-27-36DC (45-OL-27WN-AA, P1)

报告编号:

电压(V): 35.8000

测试编号: 20210310003

电流(A): 0.5050

光源规格型号: OL

功率(W): 18.1000

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): 940

发光面宽度(mm): 33

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): 1818.21

灯具效能(lm/w): 100.45

中心光强(cd): 2369.657

最大光强(cd): 2394.213

最大光强角度: C=270.0  $\gamma$ =2.0

半峰边角(50%Imax): [C0/180]Total=44.1

[C90/270]Total=43.9

光束扩散角(10%Imax): [C0/180]Total=90.1

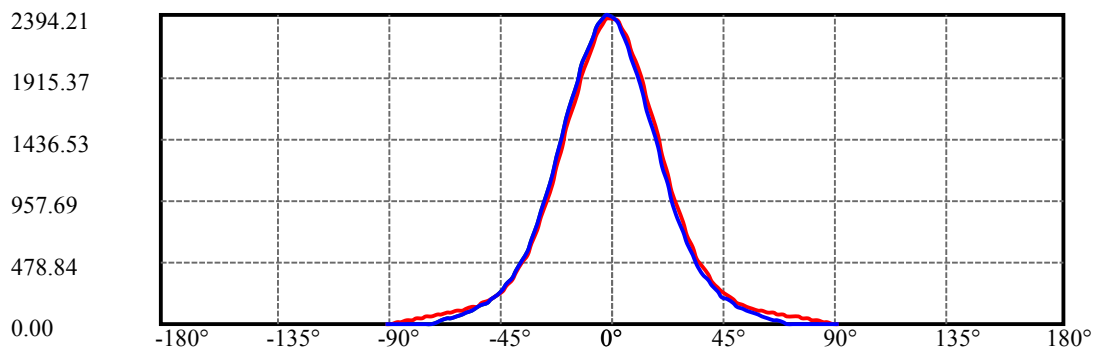
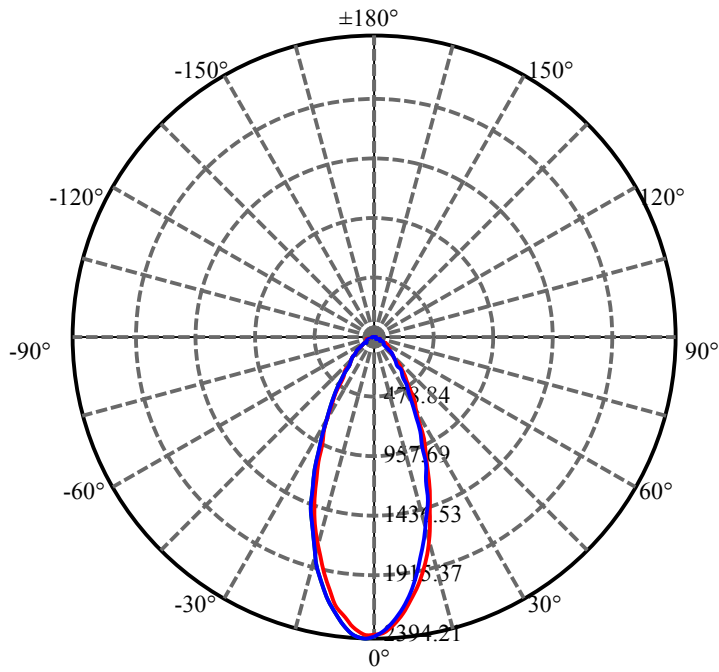
[C90/270]Total=88.1

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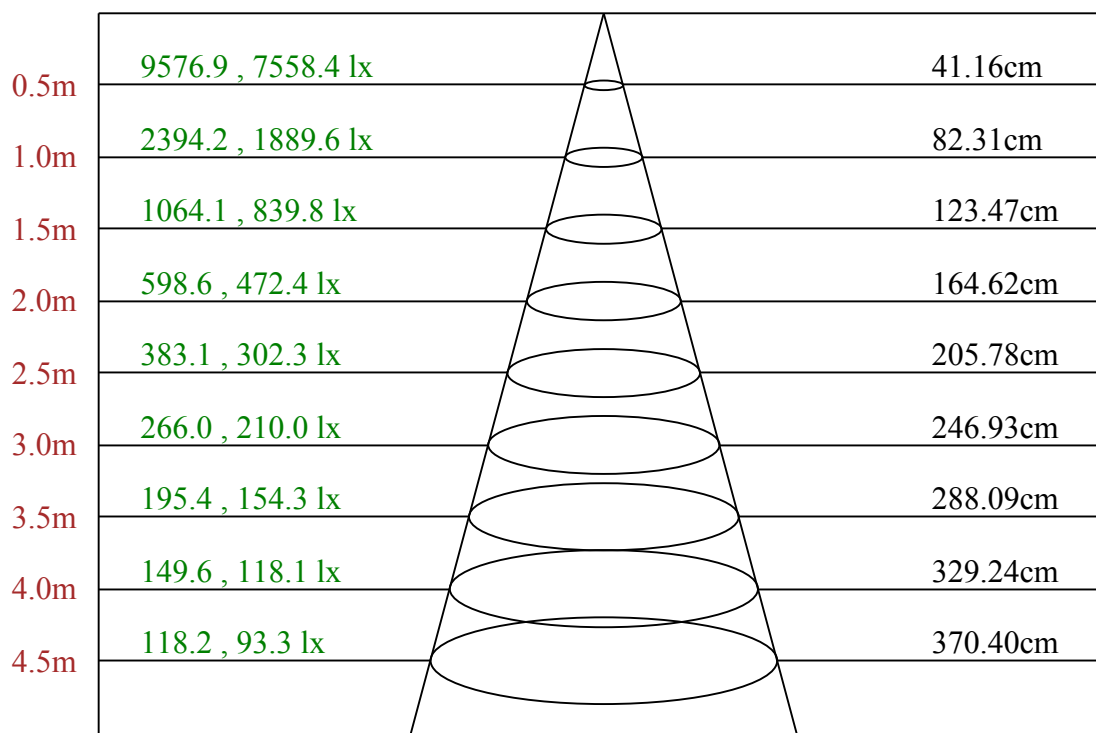
测试设备: GMS1800  
环境温度(°C): 25.0

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

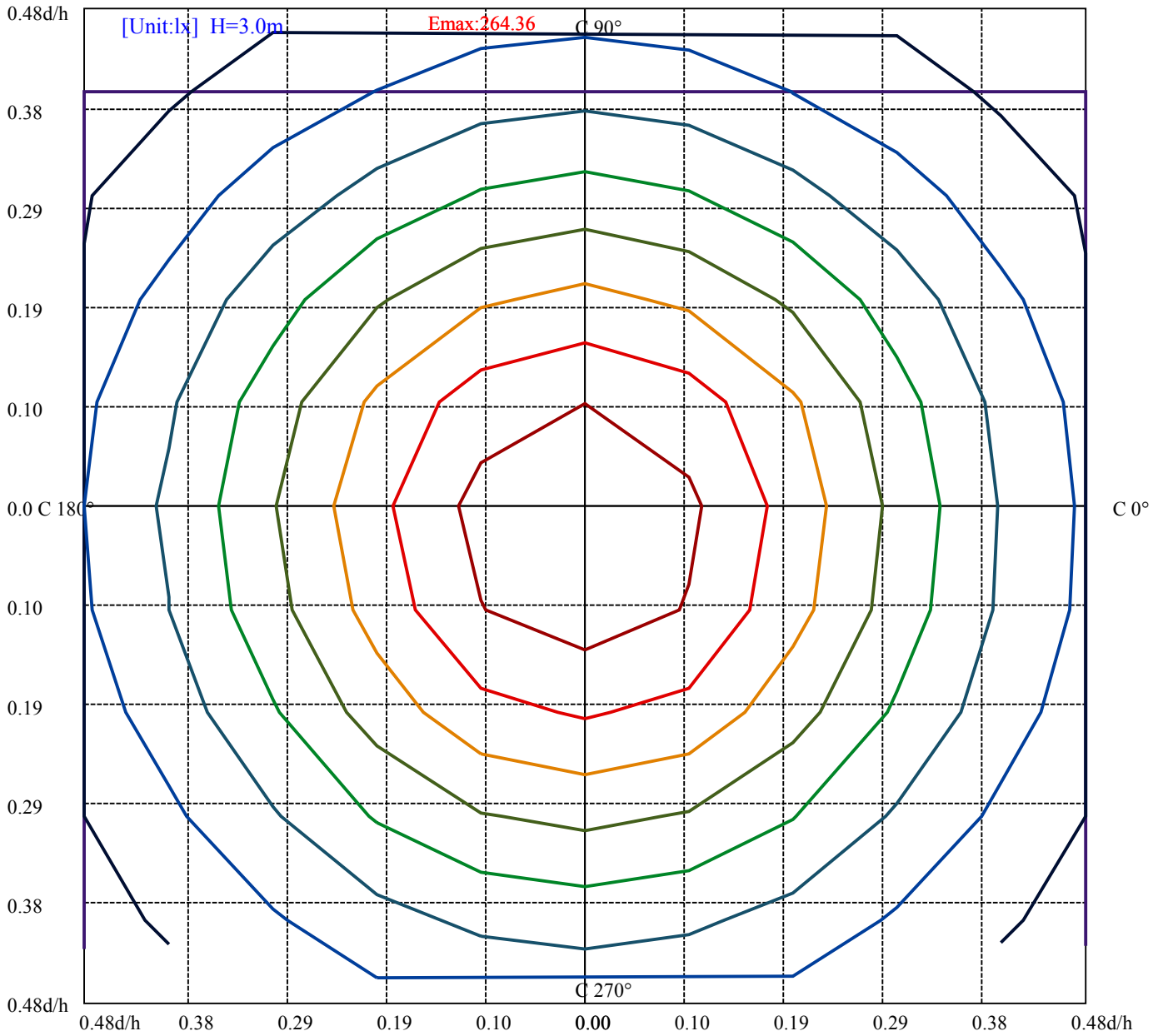


C270(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C270面光束角44.70

ROLED 地埋灯  
平面等照度曲线



- (10%Emax) 26.43611
- (20%Emax) 52.87211
- (30%Emax) 79.30822
- (40%Emax) 105.7442
- (50%Emax) 132.18
- (60%Emax) 158.6167
- (70%Emax) 185.0522
- (80%Emax) 211.4889
- (90%Emax) 237.9245

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

# 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 7页

亮度值表

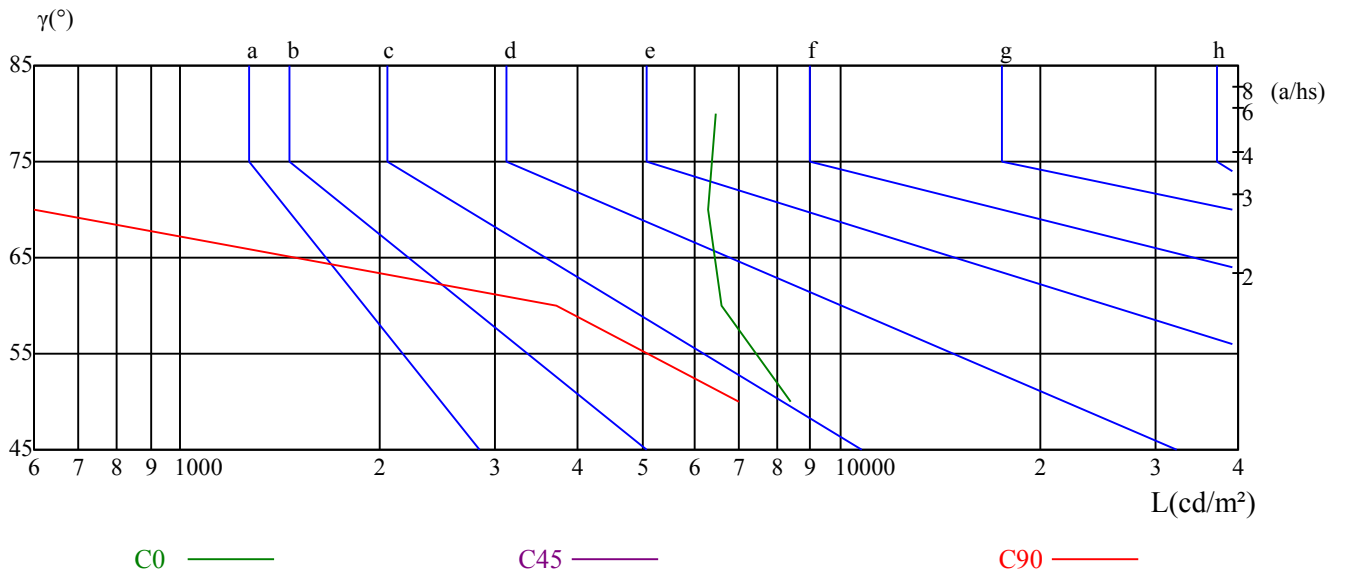
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8425	0	6580	0	6285	0	6482	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7012	0	3711	0	448	0	214	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
64682	31220	0	60880	38141	0	81689	84953	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

# ROLED 地埋灯

光强数据表(cd)

附页 第6页 共7页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2369.66	2345.87	2288.32	2211.58	2114.12	2002.08	1877.00	1747.32	1599.21
30.0	2380.40	2348.17	2288.32	2213.11	2109.52	1997.48	1864.72	1731.97	1583.10
60.0	2378.10	2326.68	2248.41	2154.79	2048.89	1921.51	1783.38	1644.49	1502.45
90.0	2381.94	2331.29	2256.85	2158.63	2053.50	1927.65	1791.06	1650.63	1513.27
120.0	2374.26	2328.22	2253.78	2160.93	2058.10	1930.72	1801.03	1656.76	1515.41
150.0	2373.49	2348.17	2292.92	2216.95	2125.63	2012.06	1883.14	1749.62	1600.75
180.0	2369.66	2359.68	2314.41	2244.57	2153.26	2039.69	1916.91	1790.29	1649.09
210.0	2380.40	2374.26	2329.75	2262.99	2170.14	2066.54	1938.39	1807.94	1663.67
240.0	2378.10	2392.68	2365.05	2306.73	2230.76	2129.47	2014.36	1882.37	1743.48
270.0	2381.94	2394.21	2362.75	2302.90	2217.72	2116.42	2005.92	1874.70	1741.94
300.0	2374.26	2385.77	2361.22	2302.90	2226.93	2124.10	2012.06	1880.84	1734.27
330.0	2373.49	2363.52	2319.78	2253.02	2158.63	2048.89	1926.88	1789.52	1652.16
360.0	2369.66	2345.87	2288.32	2211.58	2114.12	2002.08	1877.00	1747.32	1599.21
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1452.64	1304.54	1155.67	1026.75	900.13	787.33	684.50	592.41	507.24
30.0	1432.69	1291.49	1147.23	1009.10	882.48	771.98	666.08	578.60	496.49
60.0	1354.88	1214.60	1070.57	938.88	823.85	714.04	616.66	530.10	458.20
90.0	1364.39	1220.13	1084.30	948.48	824.93	719.03	617.74	530.26	455.05
120.0	1365.39	1217.29	1080.16	948.48	832.83	721.87	624.26	537.01	463.88
150.0	1456.48	1308.38	1163.34	1022.91	900.90	781.96	675.29	586.28	504.93
180.0	1519.02	1369.46	1220.74	1086.60	952.47	829.84	722.02	628.71	540.39
210.0	1526.16	1381.51	1231.95	1089.29	957.69	832.53	721.18	624.95	537.93
240.0	1595.37	1451.88	1296.10	1147.99	1009.10	881.72	765.84	661.48	572.46
270.0	1597.68	1451.11	1299.09	1158.81	1013.63	881.10	768.76	659.48	566.17
300.0	1586.17	1432.69	1283.05	1138.79	1007.56	876.34	762.77	658.41	569.39
330.0	1514.57	1369.46	1220.59	1086.53	950.24	827.38	717.11	615.97	534.48
360.0	1452.64	1304.54	1155.67	1026.75	900.13	787.33	684.50	592.41	507.24
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	440.47	387.52	326.83	284.93	247.17	216.17	188.85	167.98	149.41
30.0	426.66	389.06	315.47	273.80	237.04	207.96	182.25	161.92	143.19
60.0	393.28	337.34	291.60	251.32	219.16	189.16	166.67	146.65	129.61
90.0	392.13	337.19	291.07	249.78	215.17	186.32	161.99	139.82	120.09
120.0	397.96	343.55	294.52	254.00	221.23	190.77	168.06	147.80	130.61
150.0	433.57	389.06	323.22	278.33	240.80	211.11	184.86	164.14	145.34
180.0	468.48	403.10	346.47	299.20	258.76	226.53	198.29	175.96	156.31
210.0	463.03	399.50	343.17	295.98	254.54	223.08	195.45	172.66	153.40
240.0	492.66	422.06	361.82	313.09	268.81	231.44	202.43	176.80	155.93
270.0	486.06	417.91	357.75	306.49	263.90	227.37	198.14	170.74	147.80
300.0	489.59	422.82	359.52	311.02	267.20	231.44	201.21	175.50	154.70
330.0	460.20	397.12	341.25	294.06	252.85	221.46	193.84	169.90	151.86
360.0	440.47	387.52	326.83	284.93	247.17	216.17	188.85	167.98	149.41
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	135.06	122.01	110.81	102.06	93.93	86.56	79.81	73.44	66.68
30.0	129.15	116.64	105.97	97.30	89.40	82.65	75.28	67.68	59.47
60.0	114.26	100.14	86.33	73.13	61.31	49.11	37.83	26.55	14.89
90.0	101.83	85.41	71.83	57.55	46.35	35.15	24.02	12.82	4.76
120.0	115.03	100.30	86.02	72.06	60.62	48.73	37.60	25.94	14.12
150.0	131.07	118.18	107.82	98.45	90.24	83.26	75.51	67.45	58.32
180.0	140.20	126.69	115.41	105.36	96.84	89.48	82.19	75.05	67.84
210.0	137.44	124.24	112.11	102.67	93.85	86.71	79.73	71.98	64.38
240.0	137.13	121.55	107.13	94.31	80.34	67.53	56.17	43.82	31.77
270.0	127.92	109.35	92.09	77.35	63.85	51.72	40.52	29.01	17.88
300.0	136.82	120.55	106.13	93.54	79.96	67.38	56.48	44.81	32.92
330.0	135.98	122.70	110.81	101.68	93.08	85.95	79.04	71.60	64.38
360.0	135.06	122.01	110.81	102.06	93.93	86.56	79.81	73.44	66.68

# ROLED 地埋灯

## 光强数据表(cd)

附页 第 7页 共7页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	60.24	54.10	47.81	41.67	34.92	27.63	20.34	12.35	4.68
30.0	50.34	39.52	26.32	14.89	5.22	3.38	1.76	0.84	0.46
60.0	5.53	3.68	3.07	2.30	1.30	1.00	0.84	0.54	0.08
90.0	3.76	3.30	2.53	1.61	1.15	1.07	0.92	0.46	0.08
120.0	4.99	3.53	2.99	2.23	1.15	1.00	0.84	0.46	0.08
150.0	48.65	37.37	24.86	12.28	4.07	2.99	1.30	0.77	0.38
180.0	61.16	54.02	47.27	40.67	34.69	27.55	21.03	13.74	6.06
210.0	55.40	44.51	31.62	18.80	7.67	3.61	2.46	0.92	0.61
240.0	20.03	9.06	3.84	3.45	2.76	1.76	1.07	1.00	0.69
270.0	7.37	3.91	3.53	2.99	2.07	1.23	1.07	0.92	0.77
300.0	21.18	9.82	3.99	3.38	2.76	1.84	1.07	1.00	0.84
330.0	56.02	45.97	34.99	22.71	9.82	3.84	2.69	1.00	0.69
360.0	60.24	54.10	47.81	41.67	34.92	27.63	20.34	12.35	4.68

C/γ(°)	90.0
0.0	0.23
30.0	0.08
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.15
180.0	0.23
210.0	0.23
240.0	0.31
270.0	0.38
300.0	0.38
330.0	0.31
360.0	0.23