

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083A-27-36DC (20-OL-27WN-AA, P1)

报告编号:

电压(V): 35.7000

测试编号: 20210309012

电流(A): 0.7550

光源规格型号: OL

功率(W): 27.0000

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

光度结果

灯具光通量(lm): 2902.09

灯具效能(lm/w): 107.48

中心光强(cd): 12649.430

最大光强(cd): 12742.280

最大光强角度: C=90.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=21.6

[C90/270]Total=21.4

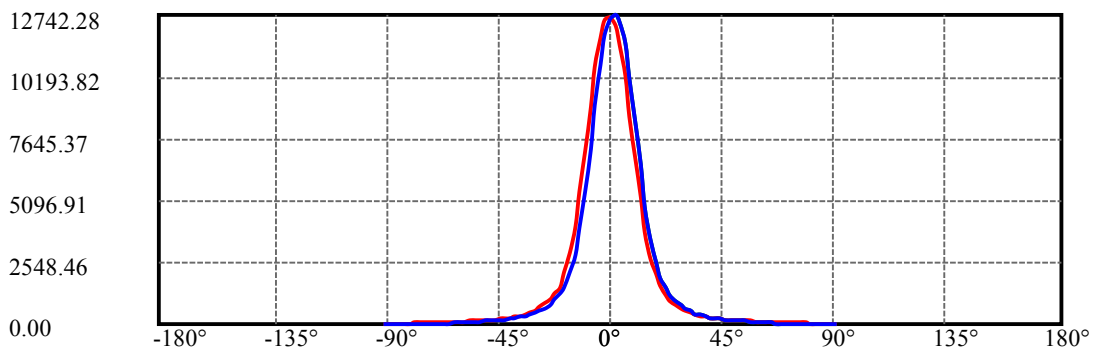
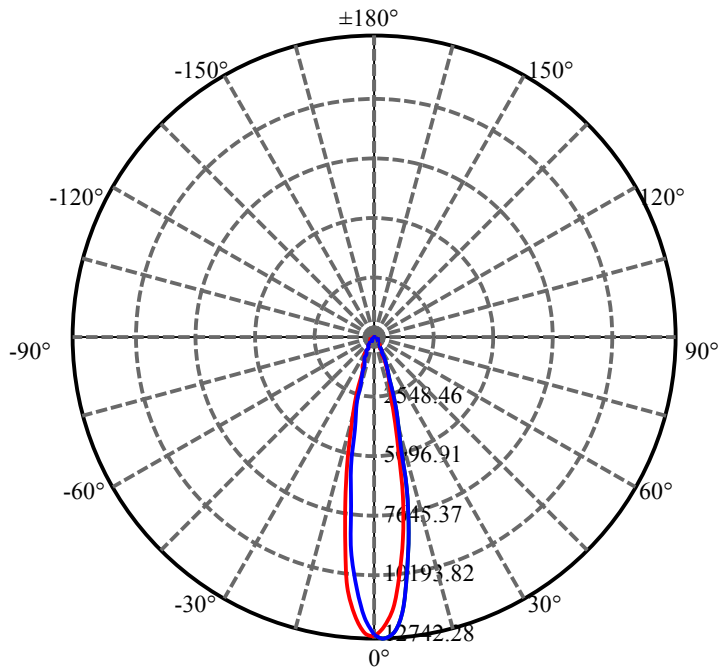
光束扩散角(10%Imax): [C0/180]Total=44.0

[C90/270]Total=43.7

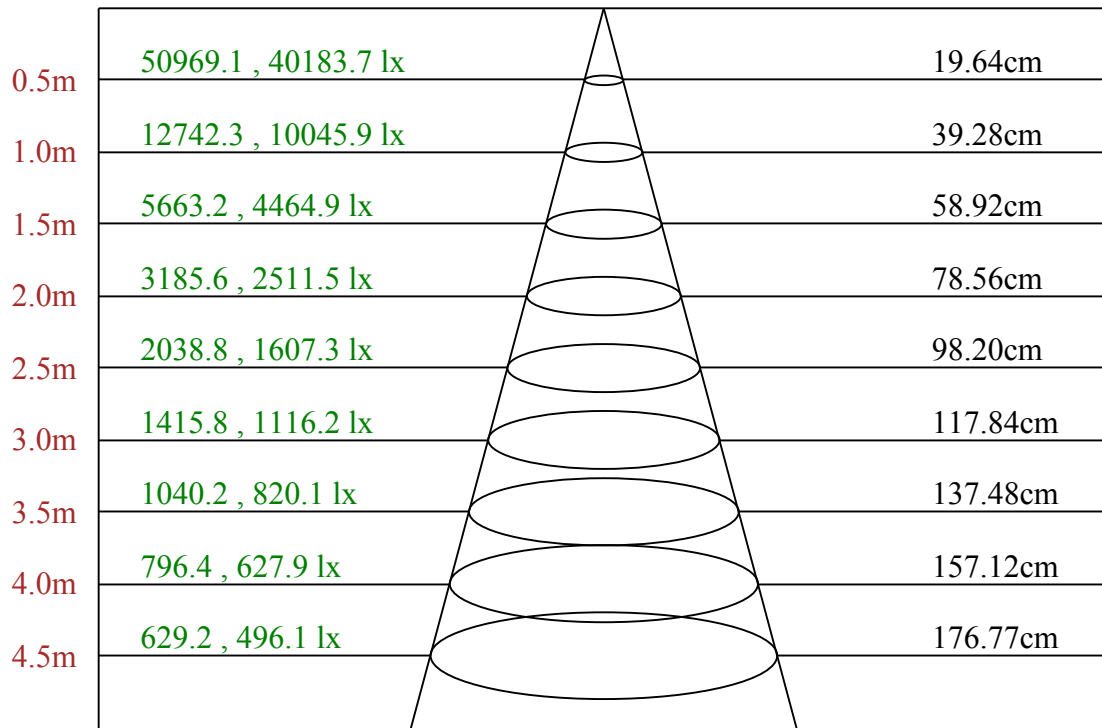
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/9
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

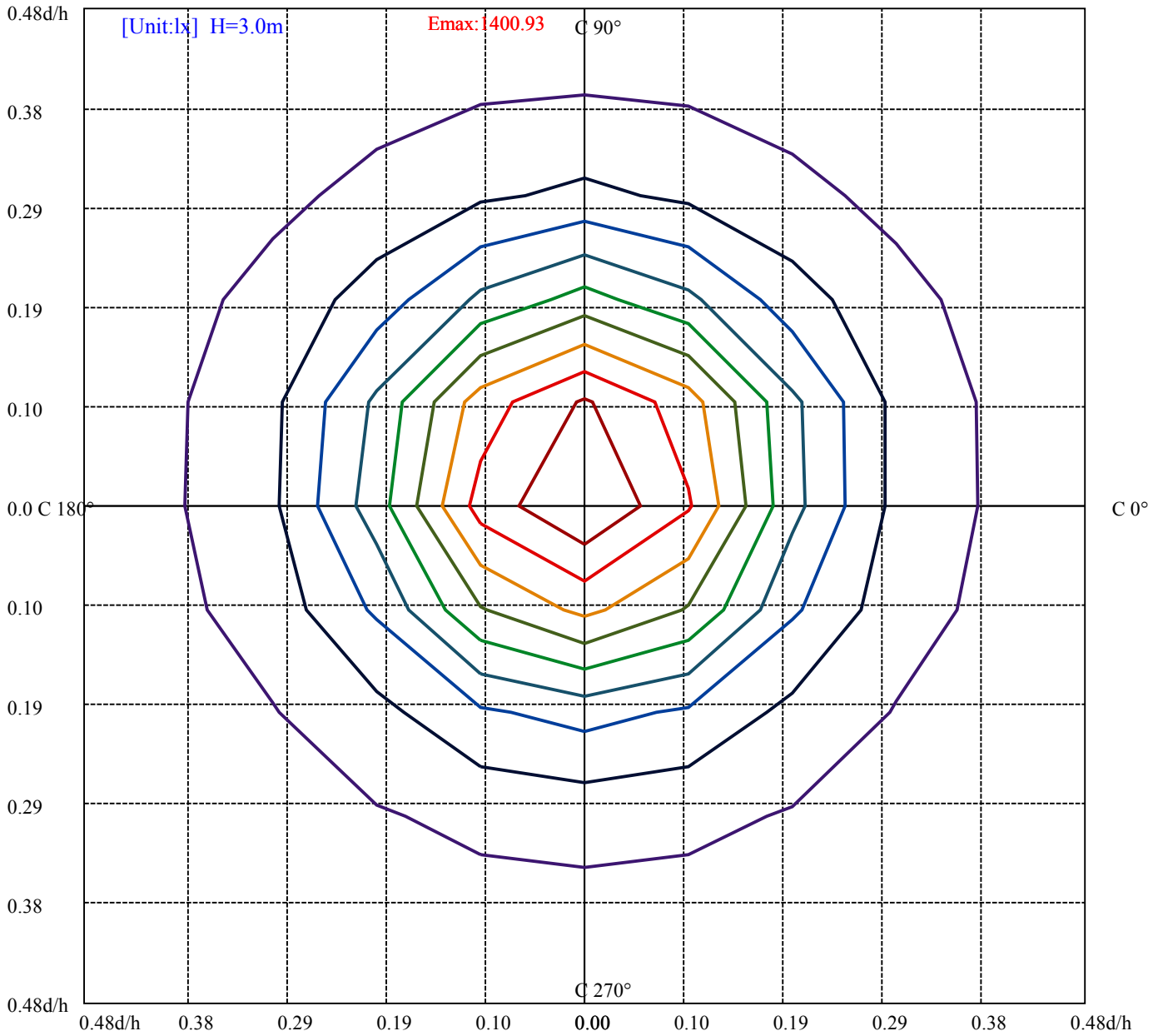


C90(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C90面光束角22.21

ROLED 地埋灯
平面等照度曲线



- (10%Emax) 140.0933
- (20%Emax) 280.1866
- (30%Emax) 420.2789
- (40%Emax) 560.3723
- (50%Emax) 700.4656
- (60%Emax) 840.5588
- (70%Emax) 980.6511
- (80%Emax) 1120.745
- (90%Emax) 1260.833

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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

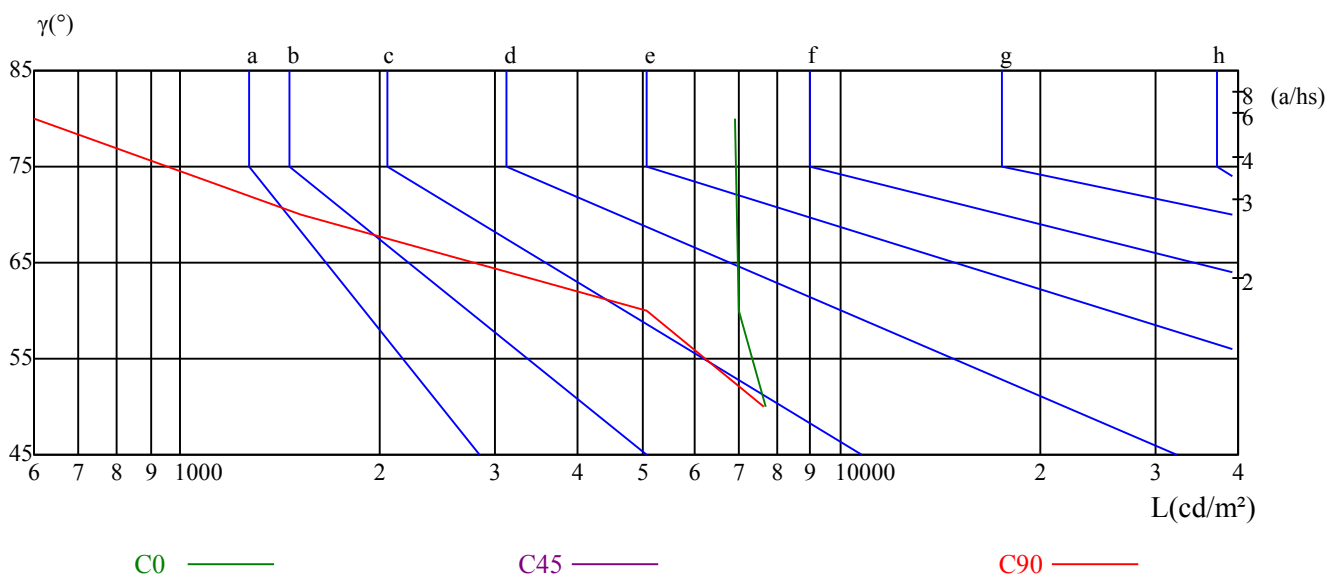
γ	45	50	55	60	65	70	75	80	85
C0	0	7689	0	7001	0	6965	0	6909	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7666	0	5096	0	1526	0	442	0

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	<=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



测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/9
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)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	12649.43	12288.76	11473.04	10204.57	8586.17	6858.81	5185.16	3780.09	2713.44
30.0	12598.01	12594.94	12081.57	11057.12	9708.07	8002.20	6315.50	4717.06	3413.29
60.0	12618.73	12667.08	12206.65	11214.43	9744.14	8012.17	6148.22	4564.35	3255.21
90.0	12551.97	12742.28	12445.30	11558.98	10167.73	8369.77	6561.83	4862.86	3493.86
120.0	12622.57	12718.49	12282.62	11291.17	9786.35	8019.85	6144.38	4496.82	3292.81
150.0	12591.11	12669.38	12207.42	11188.34	9721.89	8055.15	6257.95	4671.02	3452.42
180.0	12649.43	12489.81	11761.57	10595.93	8960.65	7112.81	5461.41	3998.03	2903.75
210.0	12598.01	12099.98	11053.28	9566.88	7869.44	6063.04	4568.19	3244.47	2410.33
240.0	12618.73	12060.08	10935.88	9455.61	7607.77	5806.73	4236.68	3066.43	2243.81
270.0	12551.97	11875.91	10661.92	9060.41	7190.31	5487.51	3994.96	2854.64	2131.00
300.0	12622.57	12017.11	10956.59	9439.49	7623.88	5753.79	4212.13	3094.83	2265.29
330.0	12591.11	11997.92	10992.66	9562.27	7823.40	6072.25	4589.68	3318.13	2418.77
360.0	12649.43	12288.76	11473.04	10204.57	8586.17	6858.81	5185.16	3780.09	2713.44
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2044.29	1557.01	1220.13	969.96	782.72	636.92	533.33	445.85	389.83
30.0	2467.11	1857.05	1415.04	1105.79	890.92	721.33	591.65	494.96	415.92
60.0	2373.49	1786.45	1405.68	1109.24	886.47	726.32	597.48	495.72	415.00
90.0	2569.94	1920.74	1491.01	1166.41	929.29	754.33	623.88	517.21	431.27
120.0	2421.84	1833.26	1431.69	1145.69	917.24	752.26	618.81	513.30	429.65
150.0	2518.53	1889.28	1448.81	1150.30	919.32	746.66	617.74	512.61	433.57
180.0	2157.86	1526.54	1300.17	1043.86	839.97	684.19	565.56	475.85	401.26
210.0	1812.54	1415.27	1110.32	890.54	728.47	598.48	498.10	417.15	359.13
240.0	1731.97	1347.51	1059.75	861.00	702.92	575.53	480.38	406.71	346.47
270.0	1522.17	1276.38	997.13	812.57	661.25	545.83	459.35	385.22	331.12
300.0	1748.85	1361.33	1068.19	858.69	706.75	577.83	481.91	408.24	347.31
330.0	1836.33	1409.44	1117.53	894.45	722.33	594.41	499.49	417.84	356.60
360.0	2044.29	1557.01	1220.13	969.96	782.72	636.92	533.33	445.85	389.83
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	327.90	285.16	251.24	222.39	200.29	180.95	166.44	153.32	141.96
30.0	355.60	309.18	269.81	237.66	212.33	190.54	172.89	158.08	146.49
60.0	356.29	306.57	268.20	235.51	208.65	186.32	169.36	154.47	141.58
90.0	389.83	316.54	273.72	238.73	211.49	188.01	169.44	152.86	138.28
120.0	367.96	315.85	273.80	241.42	213.41	191.31	171.89	157.31	144.27
150.0	389.83	318.38	277.02	244.49	216.48	194.15	176.50	161.23	149.18
180.0	343.40	299.35	261.60	231.44	207.81	187.24	170.66	157.39	145.49
210.0	310.25	271.65	238.73	212.41	191.31	173.50	158.85	145.95	135.98
240.0	299.51	262.52	229.91	204.43	183.02	166.21	151.94	140.20	128.54
270.0	286.08	247.94	219.39	194.84	174.04	157.31	143.12	129.76	117.33
300.0	301.73	262.60	230.06	204.66	183.33	166.60	152.55	140.89	128.77
330.0	310.33	269.20	238.73	211.11	190.08	172.74	159.00	146.49	136.13
360.0	327.90	285.16	251.24	222.39	200.29	180.95	166.44	153.32	141.96
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	132.76	124.01	115.80	108.58	101.83	95.00	88.25	81.57	73.90
30.0	135.67	126.23	118.10	110.12	102.91	95.77	88.56	81.11	73.59
60.0	130.76	120.17	109.89	98.61	85.64	69.83	53.10	38.52	27.32
90.0	125.31	111.96	96.15	79.04	62.16	47.50	36.99	26.17	16.19
120.0	133.14	122.47	112.11	101.45	86.94	71.83	54.02	39.75	28.32
150.0	137.59	128.23	119.71	112.04	104.44	97.07	90.09	82.42	74.44
180.0	135.13	126.00	118.02	110.43	103.29	96.77	89.86	83.11	75.36
210.0	126.46	117.56	110.20	102.60	95.15	88.09	80.96	72.75	64.23
240.0	118.18	108.05	97.07	83.41	67.45	50.88	36.91	25.55	15.04
270.0	103.52	86.87	69.91	53.79	41.44	30.70	20.87	10.82	4.60
300.0	119.10	109.04	97.99	84.18	68.14	51.41	37.29	26.63	15.27
330.0	127.38	118.56	110.89	103.44	96.31	89.25	81.34	73.59	64.69
360.0	132.76	124.01	115.80	108.58	101.83	95.00	88.25	81.57	73.90

ROLED 地理灯

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	66.30	58.70	51.72	44.51	37.22	28.85	20.72	12.35	4.14
30.0	64.54	54.02	40.52	21.56	9.98	4.37	2.99	1.15	0.84
60.0	16.42	6.83	4.07	3.45	2.84	1.76	1.15	1.07	0.77
90.0	7.37	4.30	3.84	3.30	2.38	1.46	1.30	1.15	0.84
120.0	17.50	7.52	3.99	3.53	2.84	1.76	1.15	1.07	0.84
150.0	65.30	55.33	41.59	21.95	10.97	4.30	3.07	1.30	0.84
180.0	67.91	60.39	52.95	45.89	38.29	30.85	23.02	14.89	6.60
210.0	53.64	38.98	20.64	9.98	4.22	2.99	1.30	0.92	0.46
240.0	6.22	3.99	3.38	2.69	1.61	1.15	1.07	0.69	0.23
270.0	4.07	3.53	2.76	1.76	1.30	1.15	1.00	0.54	0.08
300.0	6.06	3.91	3.30	2.61	1.53	1.23	1.07	0.77	0.23
330.0	54.48	38.14	20.87	9.59	4.14	2.92	1.15	0.92	0.38
360.0	66.30	58.70	51.72	44.51	37.22	28.85	20.72	12.35	4.14
C/γ(°)	90.0								
0.0	0.23								
30.0	0.38								
60.0	0.38								
90.0	0.31								
120.0	0.38								
150.0	0.46								
180.0	0.69								
210.0	0.15								
240.0	0.08								
270.0	0.08								
300.0	0.08								
330.0	0.23								
360.0	0.23								