

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083A-27-36DC (30-OL-27WN-AA, P1)

报告编号:

电压(V): 35.8000

测试编号: 20210310001

电流(A): 0.5040

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

光度结果

灯具光通量(lm): 1894.99

灯具效能(lm/w): 104.70

中心光强(cd): 5141.419

最大光强(cd): 5146.023

最大光强角度: $C=30.0$ $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=29.7

[C90/270]Total=29.4

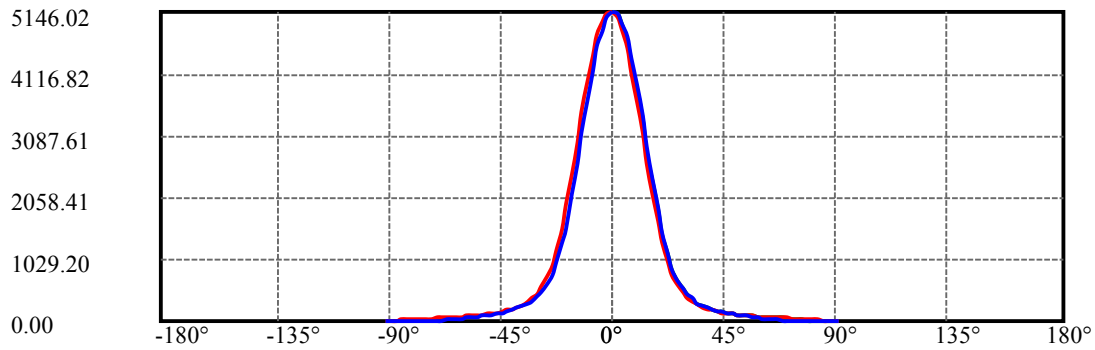
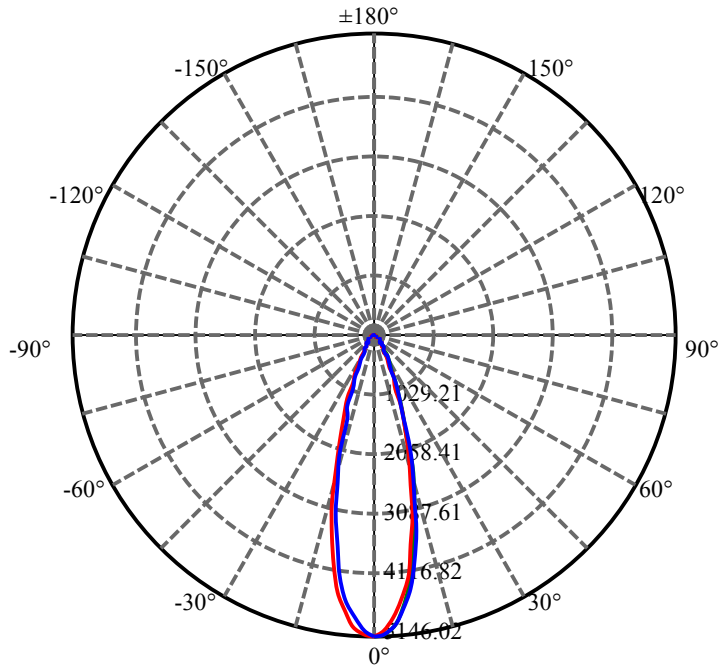
光束扩散角(10%Imax): [C0/180]Total=56.5

[C90/270]Total=56.1

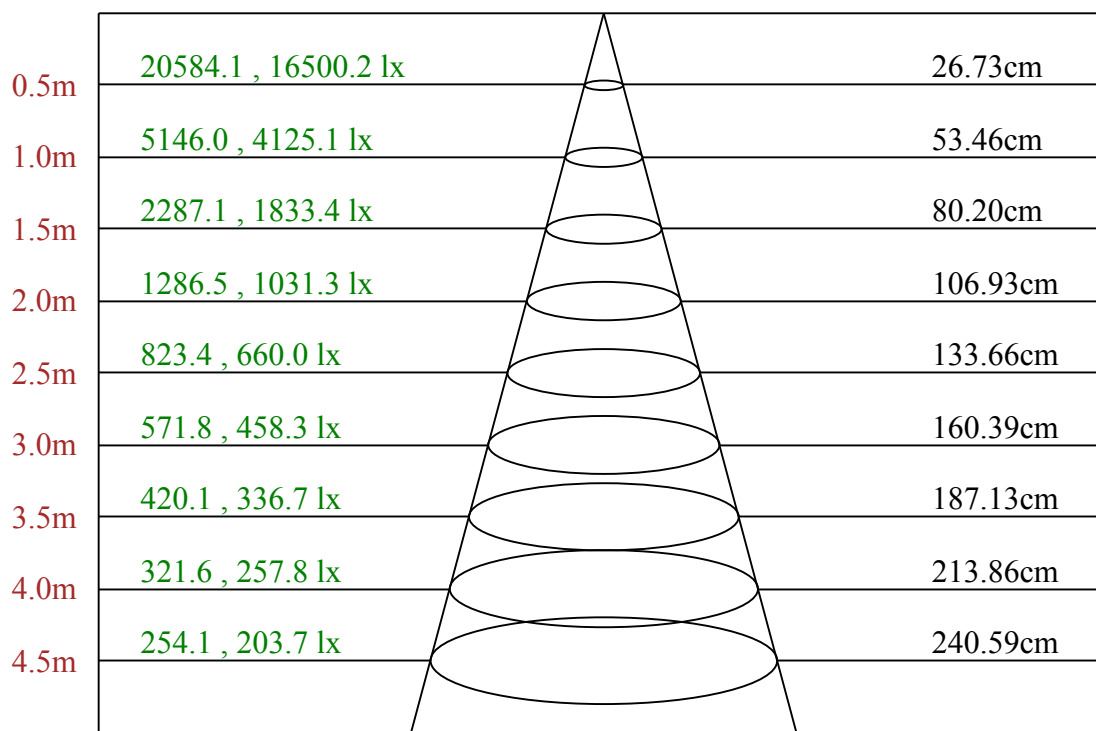
测试设备: GMS1800
环境温度(°C): 25.0

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

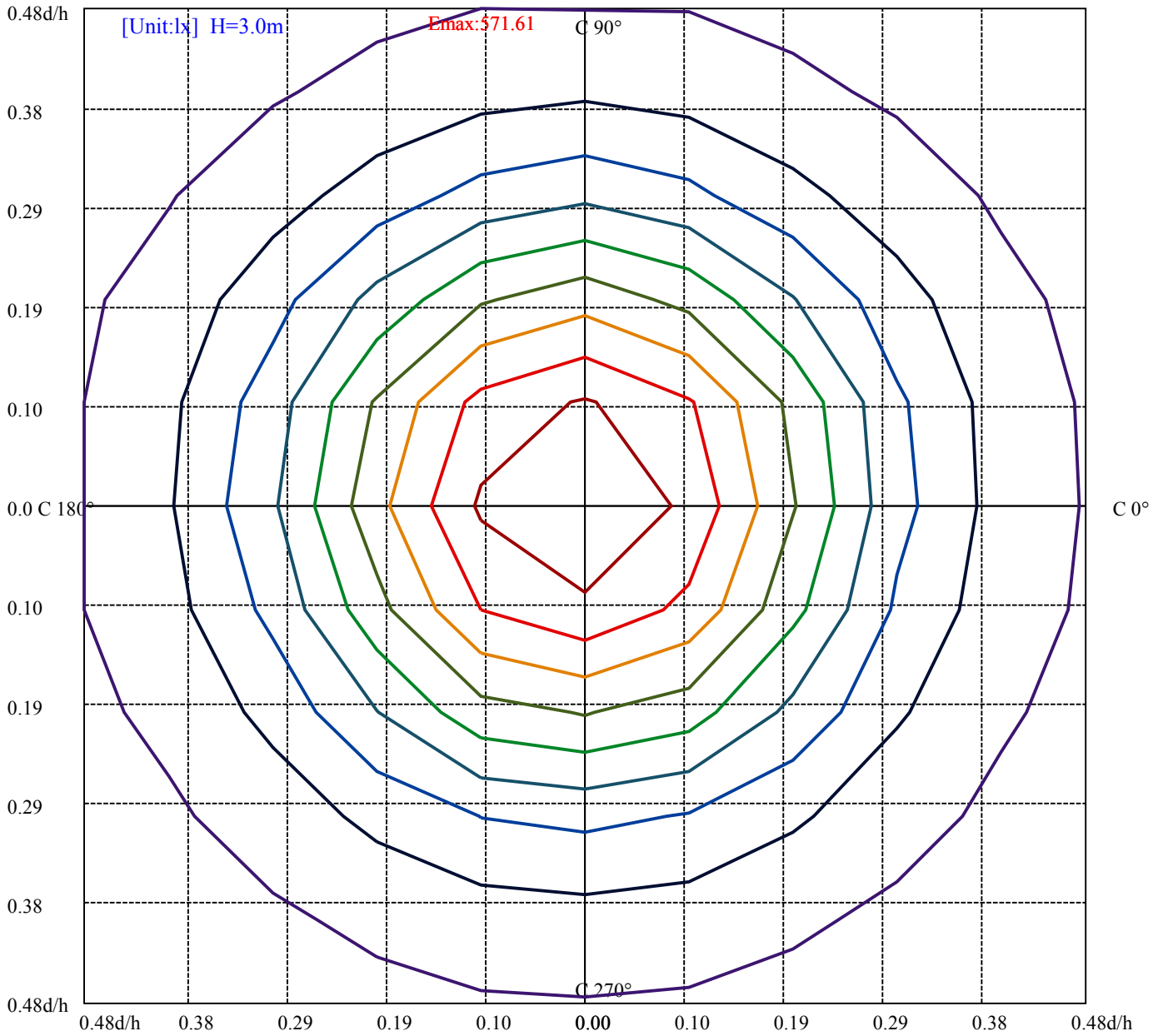


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角29.93

ROLED 地埋灯
平面等照度曲线



(10%Emax) 57.16089	—
(20%Emax) 114.3222	—
(30%Emax) 171.4833	—
(40%Emax) 228.6433	—
(50%Emax) 285.8044	—
(60%Emax) 342.9655	—
(70%Emax) 400.1266	—
(80%Emax) 457.2878	—
(90%Emax) 514.4489	—

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ROLED 地埋灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

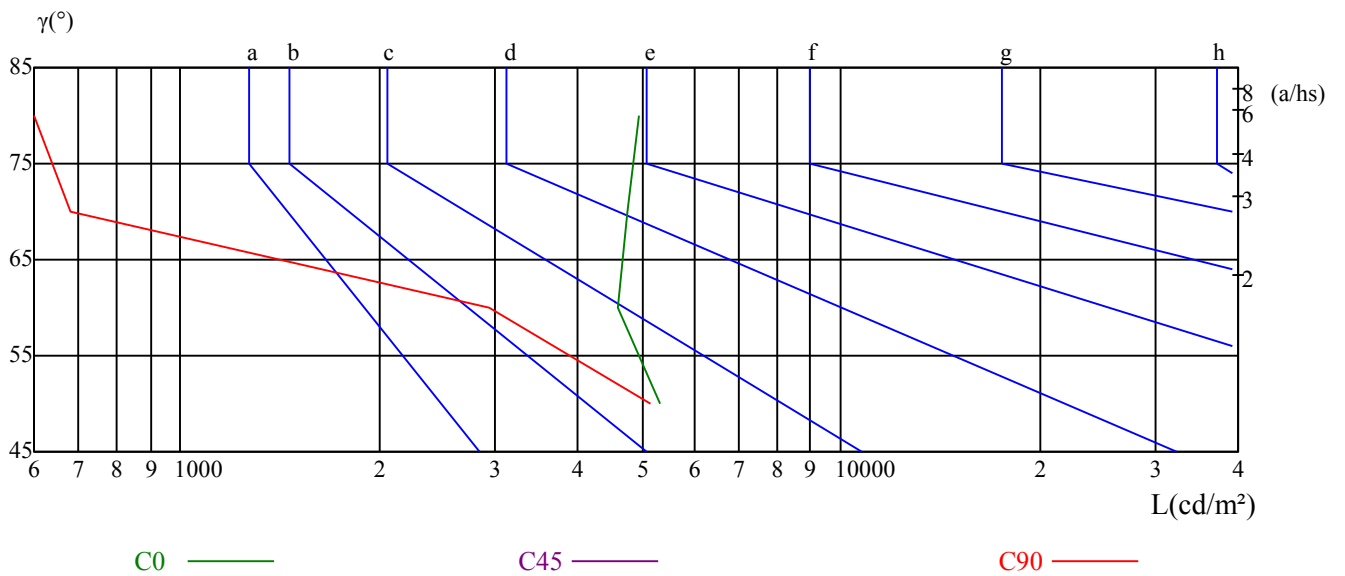
γ	45	50	55	60	65	70	75	80	85
C0	0	5315	0	4606	0	4752	0	4943	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5169	0	2934	0	680	0	214	0

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	≤ 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



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	5141.42	5055.47	4845.98	4545.94	4134.62	3640.43	3147.01	2620.59	2103.38
30.0	5146.02	5102.28	4950.34	4677.16	4323.40	3863.74	3348.83	2823.94	2328.99
60.0	5142.95	5092.31	4921.18	4641.09	4277.35	3800.81	3308.16	2769.46	2236.90
90.0	5138.35	5114.56	4968.76	4718.60	4382.48	3925.90	3410.22	2901.45	2368.89
120.0	5140.65	5107.65	4960.32	4725.50	4369.44	3909.01	3423.26	2882.26	2343.57
150.0	5137.58	5126.07	5011.73	4800.70	4476.10	4046.37	3546.04	3019.62	2512.39
180.0	5141.42	5114.56	4987.18	4751.59	4425.46	3978.08	3472.38	2962.07	2423.37
210.0	5146.02	5074.66	4896.63	4632.65	4240.52	3764.75	3272.09	2727.25	2236.90
240.0	5142.95	5081.56	4905.07	4633.42	4270.45	3793.14	3298.18	2761.79	2226.93
270.0	5138.35	5047.80	4839.84	4555.14	4142.30	3651.18	3126.29	2609.85	2100.31
300.0	5140.65	5060.84	4859.02	4558.98	4156.11	3685.71	3167.73	2661.26	2137.91
330.0	5137.58	5027.85	4803.01	4493.75	4071.70	3582.88	3065.67	2562.27	2065.01
360.0	5141.42	5055.47	4845.98	4545.94	4134.62	3640.43	3147.01	2620.59	2103.38
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1657.53	1299.17	989.92	765.84	606.99	481.14	391.36	328.67	274.95
30.0	1849.38	1441.13	1118.83	857.93	669.15	534.86	432.03	356.60	298.43
60.0	1764.20	1369.31	1058.36	813.57	641.14	507.93	411.39	338.26	284.77
90.0	1900.79	1477.20	1131.11	866.37	681.43	540.23	435.10	373.71	302.19
120.0	1859.35	1468.60	1123.90	877.03	681.81	539.93	436.48	361.28	301.04
150.0	2012.06	1598.44	1232.41	946.94	735.91	589.34	474.24	389.06	327.90
180.0	1936.09	1518.64	1182.07	912.95	719.34	568.09	458.81	376.01	313.24
210.0	1775.71	1382.27	1064.04	834.98	652.35	522.35	430.50	353.91	298.13
240.0	1761.90	1365.16	1055.91	819.56	650.73	514.91	418.22	346.24	290.91
270.0	1531.45	1295.10	993.75	780.34	612.37	491.66	401.64	330.89	281.40
300.0	1686.69	1304.54	1009.10	781.96	614.67	494.96	402.87	334.04	279.25
330.0	1510.89	1279.91	983.55	764.69	606.61	486.44	397.88	332.20	280.55
360.0	1657.53	1299.17	989.92	765.84	606.99	481.14	391.36	328.67	274.95
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	235.74	205.89	179.49	158.77	141.35	127.31	115.57	105.97	97.15
30.0	255.84	220.31	193.23	169.59	149.79	133.60	120.71	109.43	99.84
60.0	242.26	208.73	182.79	160.38	141.73	126.23	114.11	103.21	94.23
90.0	255.77	219.70	191.77	167.21	146.65	130.30	115.72	103.06	91.39
120.0	255.54	221.23	192.00	168.21	149.18	132.37	118.71	107.05	97.38
150.0	278.10	240.80	209.19	182.79	161.99	143.88	128.77	116.10	105.82
180.0	268.12	230.60	201.82	177.19	156.54	140.12	126.00	114.19	104.13
210.0	255.08	221.39	193.30	169.74	150.64	134.44	121.63	109.27	100.07
240.0	248.17	215.48	185.47	163.76	144.42	128.77	115.87	104.67	95.15
270.0	240.65	208.65	181.41	158.77	139.05	124.01	110.43	97.76	87.94
300.0	240.57	207.88	181.71	159.77	141.12	125.62	113.19	102.91	93.24
330.0	242.72	208.04	183.40	161.69	143.96	128.92	116.41	105.51	96.92
360.0	235.74	205.89	179.49	158.77	141.35	127.31	115.57	105.97	97.15
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	89.63	82.65	76.58	71.44	66.68	62.46	58.47	54.56	50.42
30.0	91.70	84.41	78.27	72.21	66.84	61.93	57.32	52.72	47.73
60.0	85.18	77.12	69.22	59.78	50.57	39.75	30.00	22.48	15.19
90.0	80.65	68.99	57.78	45.51	35.30	28.16	21.03	13.97	7.21
120.0	87.94	79.73	70.52	61.47	51.57	40.44	30.46	22.79	15.42
150.0	96.46	88.25	81.50	75.05	69.22	64.00	59.32	54.33	49.11
180.0	95.85	88.17	81.27	75.59	70.21	65.30	60.93	56.94	52.64
210.0	91.55	84.18	77.50	71.60	66.22	61.39	56.56	51.64	46.66
240.0	85.95	77.66	69.52	61.08	51.49	40.75	30.16	22.10	14.89
270.0	77.43	66.61	54.79	43.66	33.15	26.17	19.03	12.05	5.91
300.0	84.87	76.66	68.83	60.39	51.49	41.13	30.39	22.48	15.19
330.0	88.94	81.57	75.66	70.06	64.92	60.24	55.71	50.80	45.74
360.0	89.63	82.65	76.58	71.44	66.68	62.46	58.47	54.56	50.42

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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	46.43	42.05	37.22	32.38	26.63	20.57	14.50	8.52	2.92
30.0	41.90	34.61	22.87	12.35	5.60	2.84	1.69	0.61	0.46
60.0	8.13	3.30	2.61	2.15	1.46	0.77	0.77	0.61	0.31
90.0	3.38	2.84	2.46	1.92	1.15	0.92	0.84	0.69	0.38
120.0	8.36	3.30	2.69	2.23	1.53	0.92	0.69	0.54	0.31
150.0	43.05	35.53	24.40	12.43	5.45	2.84	1.76	0.61	0.46
180.0	47.88	43.36	38.29	32.92	27.47	21.87	16.50	10.74	4.83
210.0	39.98	32.00	17.88	9.21	3.61	2.46	1.15	0.61	0.31
240.0	7.67	3.22	2.69	2.30	1.61	0.92	0.84	0.54	0.38
270.0	3.15	2.69	2.30	1.69	1.00	0.84	0.84	0.54	0.31
300.0	8.29	3.22	2.61	2.23	1.53	0.92	0.77	0.69	0.31
330.0	39.67	32.00	19.41	10.21	3.76	2.53	1.38	0.61	0.31
360.0	46.43	42.05	37.22	32.38	26.63	20.57	14.50	8.52	2.92

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