

浙大三色

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ROLED

灯具名称: 地埋灯

灯具描述: G3083A-27-36DC (2515-OL-27WN-AA, P1)

报告编号:

电压(V): 35.8000

测试编号: 20210310007

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

光度结果

灯具光通量(lm): 1896.65

灯具效能(lm/w): 104.79

中心光强(cd): 10461.640

最大光强(cd): 10573.670

最大光强角度: C=150.0 $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=25.7

[C90/270]Total=12.6

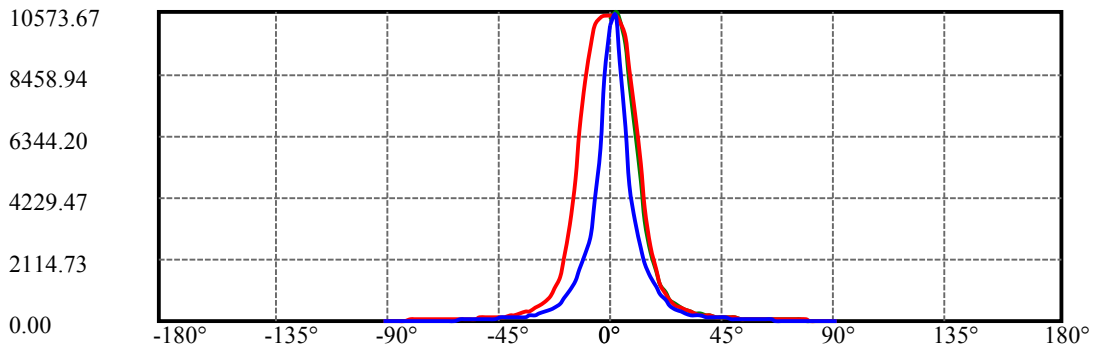
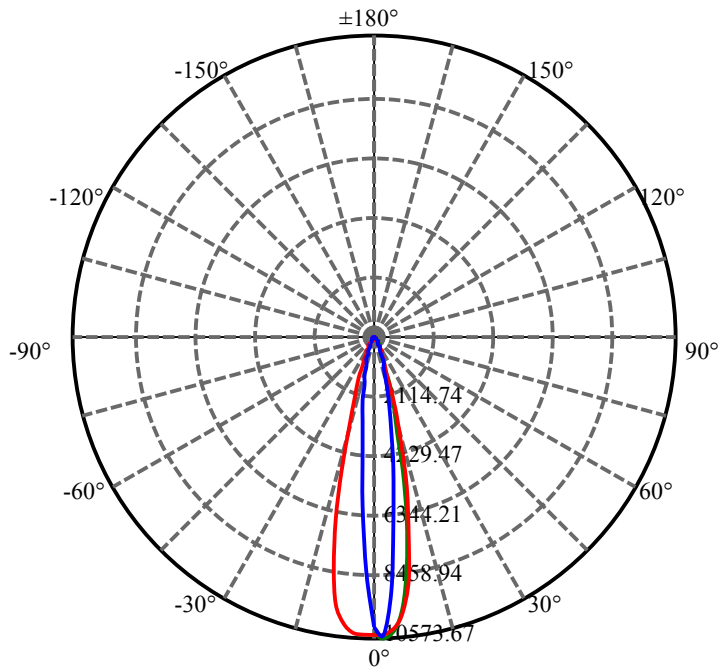
光束扩散角(10%Imax): [C0/180]Total=43.6

[C90/270]Total=35.5

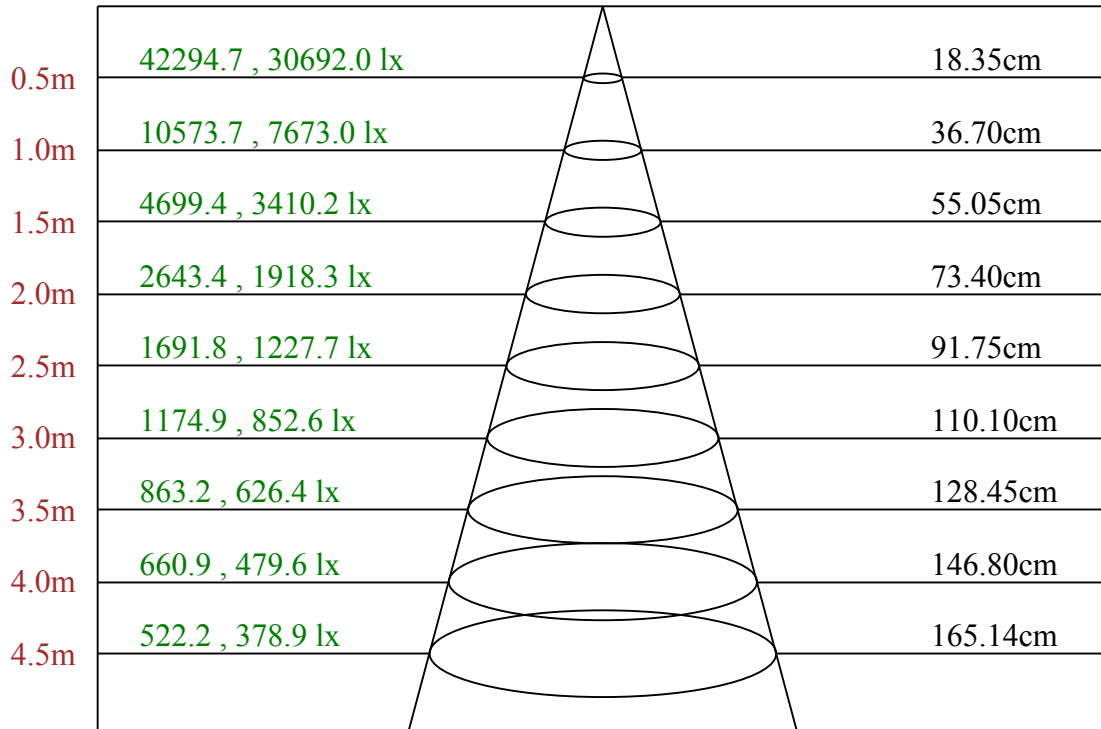
测试设备: GMS1800
环境温度(°C): 25.0

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

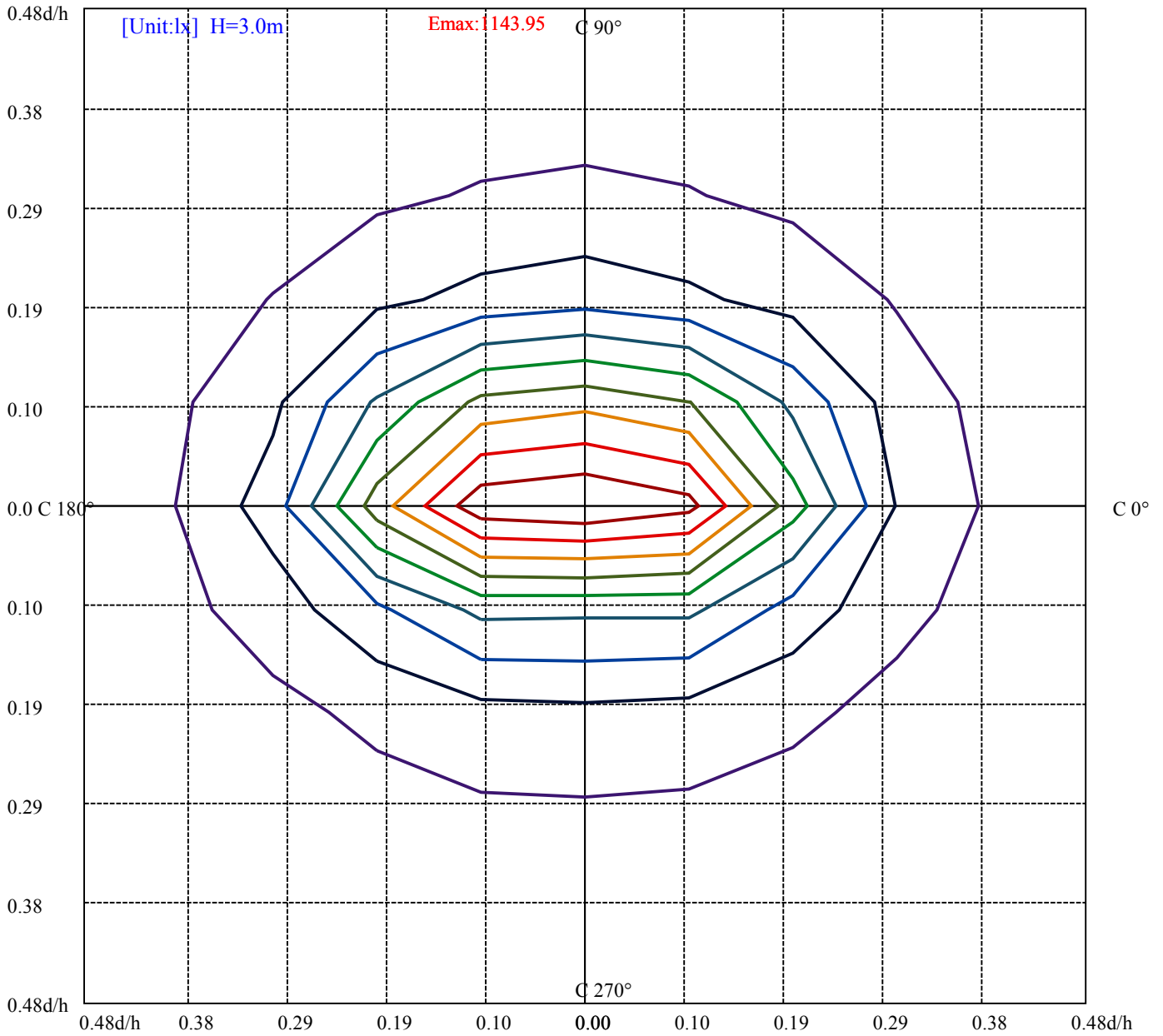


C150(Max): ———
C0/C180: ———
C90/C270: ———



Max , Ave C150面光束角20.78

ROLED 地埋灯
平面等照度曲线



(10%Emax) 114.3944	—
(20%Emax) 228.7889	—
(30%Emax) 343.1844	—
(40%Emax) 457.5789	—
(50%Emax) 571.9733	—
(60%Emax) 686.3689	—
(70%Emax) 800.7634	—
(80%Emax) 915.1578	—
(90%Emax) 1029.552	—

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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

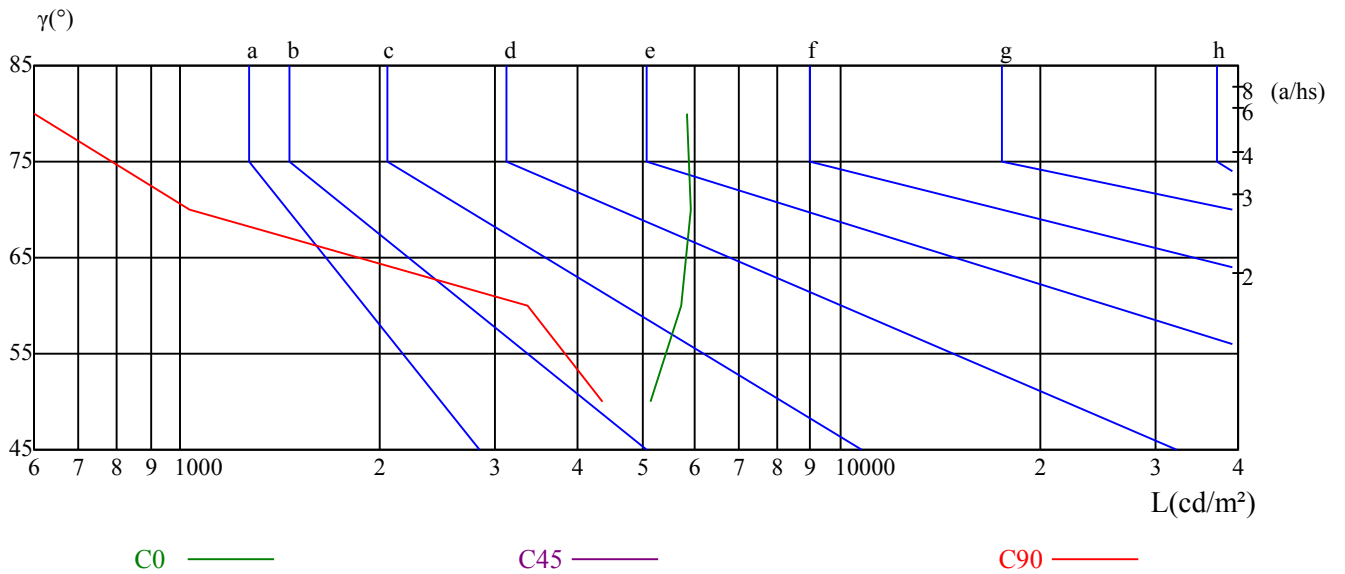
γ	45	50	55	60	65	70	75	80	85
C0	0	5153	0	5734	0	5917	0	5869	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4349	0	3350	0	1034	0	299	0

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



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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	10461.64	10432.48	10225.29	9688.12	8633.75	7079.81	5372.40	3851.46	2571.48
30.0	10253.68	10566.00	10295.88	9291.39	7863.30	6072.25	4447.71	3094.83	2138.68
60.0	10337.32	10447.82	9122.57	7158.08	5037.06	3602.83	2622.89	1989.04	1514.03
90.0	10145.48	10449.36	8896.96	6663.13	4657.97	3394.10	2516.23	1960.65	1507.13
120.0	10341.93	10420.20	9087.27	7072.90	5208.95	3717.17	2746.44	2106.45	1511.88
150.0	10340.39	10573.67	10280.54	9480.93	8157.97	6482.03	4786.12	3443.22	2394.98
180.0	10461.64	10448.59	10384.90	10118.62	9472.49	8211.69	6531.90	4837.54	3290.51
210.0	10253.68	9500.11	8341.38	6949.36	5515.13	4107.76	2978.19	2131.00	1511.04
240.0	10337.32	8903.10	6798.18	4989.48	3541.44	2652.05	2015.90	1562.38	1194.80
270.0	10145.48	8312.98	5942.56	4131.55	2982.02	2282.94	1750.38	1365.47	1047.62
300.0	10341.93	9021.27	6930.94	5066.22	3608.97	2621.36	1974.46	1521.71	1161.81
330.0	10340.39	9661.26	8503.29	7109.74	5408.47	4020.28	2868.45	2032.01	1515.41
360.0	10461.64	10432.48	10225.29	9688.12	8633.75	7079.81	5372.40	3851.46	2571.48
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1743.48	1242.38	906.27	699.08	554.81	452.75	389.83	313.86	262.52
30.0	1547.03	1144.16	868.67	676.83	545.60	442.01	389.06	305.57	256.61
60.0	1162.57	907.42	701.61	551.44	438.63	357.21	293.37	247.40	210.34
90.0	1164.11	908.57	693.71	535.63	411.31	332.89	270.19	224.99	189.54
120.0	1243.38	960.14	751.95	587.73	470.32	376.94	307.18	254.62	215.56
150.0	1728.90	1273.08	962.29	744.35	590.11	479.61	392.13	328.28	275.10
180.0	2199.30	1508.35	1094.66	825.31	652.42	523.27	428.66	354.07	297.74
210.0	1203.71	933.90	730.16	582.90	475.85	390.13	324.68	270.96	232.13
240.0	924.69	726.71	564.79	448.91	389.06	298.66	250.01	213.79	183.79
270.0	805.98	613.44	478.31	377.24	302.58	250.24	208.88	178.88	156.08
300.0	899.36	707.52	551.74	438.94	373.33	293.44	246.48	210.41	181.94
330.0	1137.10	878.11	684.58	547.22	441.70	366.73	305.49	256.53	221.00
360.0	1743.48	1242.38	906.27	699.08	554.81	452.75	389.83	313.86	262.52
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	223.46	193.99	167.36	148.26	131.91	119.86	110.27	102.75	97.61
30.0	218.24	187.09	163.68	144.19	129.61	117.33	107.82	100.91	95.62
60.0	181.56	158.54	141.12	126.77	115.11	106.20	98.45	92.32	87.17
90.0	164.83	145.65	130.76	118.79	109.58	101.45	93.93	86.71	80.04
120.0	186.70	162.53	144.50	129.92	117.72	108.05	100.76	94.46	89.32
150.0	233.44	201.36	173.89	152.02	135.44	122.09	111.58	104.06	97.84
180.0	251.39	214.56	186.32	162.53	143.12	128.00	117.02	107.97	101.22
210.0	199.29	173.20	151.94	135.13	121.55	111.50	104.21	98.22	94.16
240.0	161.07	142.96	128.84	117.02	107.28	99.91	93.77	88.86	83.18
270.0	139.51	126.85	116.26	107.36	98.99	92.09	85.03	78.50	73.21
300.0	159.31	142.35	127.77	116.49	107.13	99.99	94.08	89.17	84.64
330.0	191.00	166.44	146.26	130.68	118.18	109.50	102.29	96.77	92.85
360.0	223.46	193.99	167.36	148.26	131.91	119.86	110.27	102.75	97.61
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	94.85	93.39	91.85	88.94	84.56	79.58	74.05	68.53	62.77
30.0	91.62	88.71	86.18	82.57	78.81	74.36	68.91	62.62	56.02
60.0	82.11	77.27	72.21	66.61	59.63	51.11	37.22	26.86	18.72
90.0	73.67	66.61	59.39	51.95	42.74	33.07	25.48	18.03	10.97
120.0	84.56	79.65	74.97	68.83	61.93	53.49	40.67	28.55	20.49
150.0	93.77	90.47	88.25	85.79	82.19	77.97	72.52	66.30	59.47
180.0	97.07	94.54	93.08	90.93	87.56	82.80	77.81	72.06	65.99
210.0	90.78	87.40	84.41	81.03	76.74	71.83	66.30	59.55	52.87
240.0	78.50	73.74	68.30	62.31	55.10	44.58	29.70	21.72	13.81
270.0	66.92	59.16	52.34	43.97	32.77	25.25	17.96	10.59	4.45
300.0	79.96	75.43	70.14	63.69	55.86	44.05	30.16	21.79	13.97
330.0	89.86	87.33	84.26	80.57	75.66	70.29	64.54	57.78	51.18
360.0	94.85	93.39	91.85	88.94	84.56	79.58	74.05	68.53	62.77

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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	57.09	50.80	44.20	38.22	31.62	24.56	17.80	11.13	3.53
30.0	49.04	40.90	30.62	15.50	6.68	3.61	2.30	0.77	0.54
60.0	11.43	4.53	3.15	2.69	2.00	1.00	0.92	0.77	0.46
90.0	4.76	3.38	2.92	2.38	1.61	1.00	0.92	0.84	0.46
120.0	13.05	4.76	3.15	2.61	2.15	1.15	0.84	0.84	0.46
150.0	52.26	43.74	33.15	16.73	7.60	3.53	2.38	1.00	0.54
180.0	59.86	53.10	46.35	39.67	33.76	27.17	21.10	15.04	8.06
210.0	44.89	34.99	18.65	9.44	3.84	2.84	1.30	0.61	0.38
240.0	6.68	3.38	2.92	2.38	1.46	1.00	0.92	0.61	0.31
270.0	3.38	2.92	2.30	1.53	1.00	1.00	0.84	0.54	0.08
300.0	5.91	3.30	2.76	2.30	1.38	0.92	0.92	0.54	0.23
330.0	43.28	33.46	17.50	8.36	3.61	2.69	1.07	0.61	0.31
360.0	57.09	50.80	44.20	38.22	31.62	24.56	17.80	11.13	3.53

C/γ(°)	90.0
0.0	0.15
30.0	0.23
60.0	0.15
90.0	0.15
120.0	0.23
150.0	0.23
180.0	1.07
210.0	0.08
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.08
360.0	0.15