

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 (5015-OL-27WN-AA, P1)

报告编号:

电压(V): 35.7000

测试编号: 20210311005

电流(A): 0.5060

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): 2004.00

灯具效能(lm/w): 110.72

中心光强(cd): 5955.605

最大光强(cd): 5984.766

最大光强角度: C=150.0  $\gamma$ =2.0

半峰边角(50%Imax): [C0/180]Total=54.2

[C90/270]Total=11.9

光束扩散角(10%Imax): [C0/180]Total=79.0

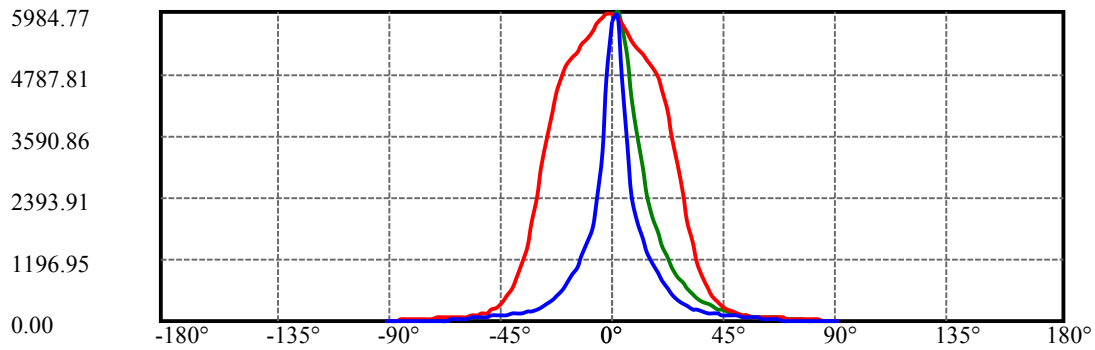
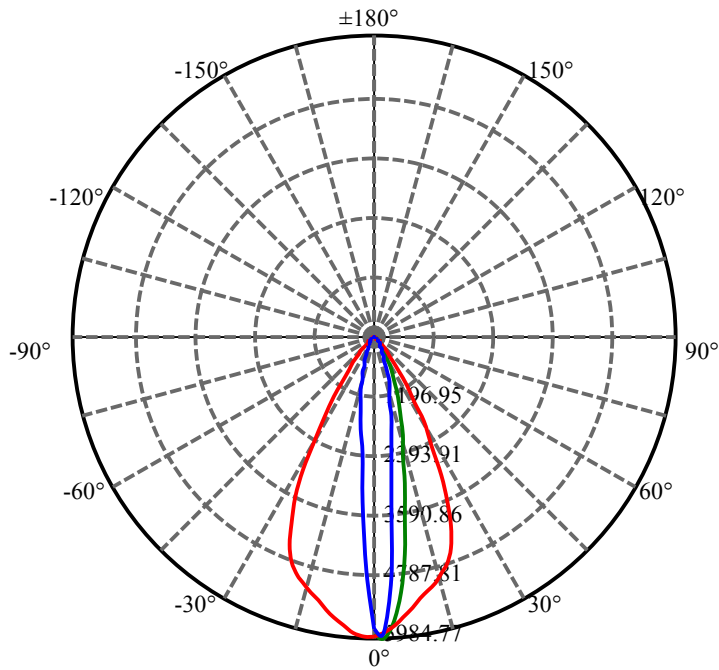
[C90/270]Total=42.9

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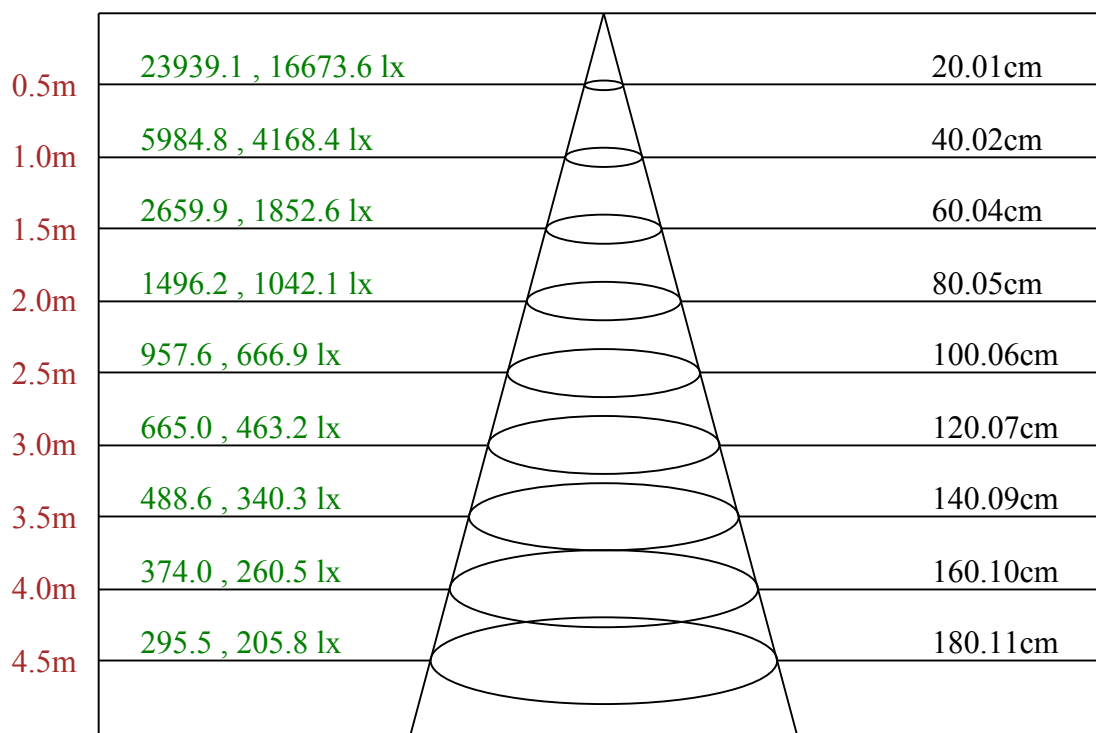
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/11  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

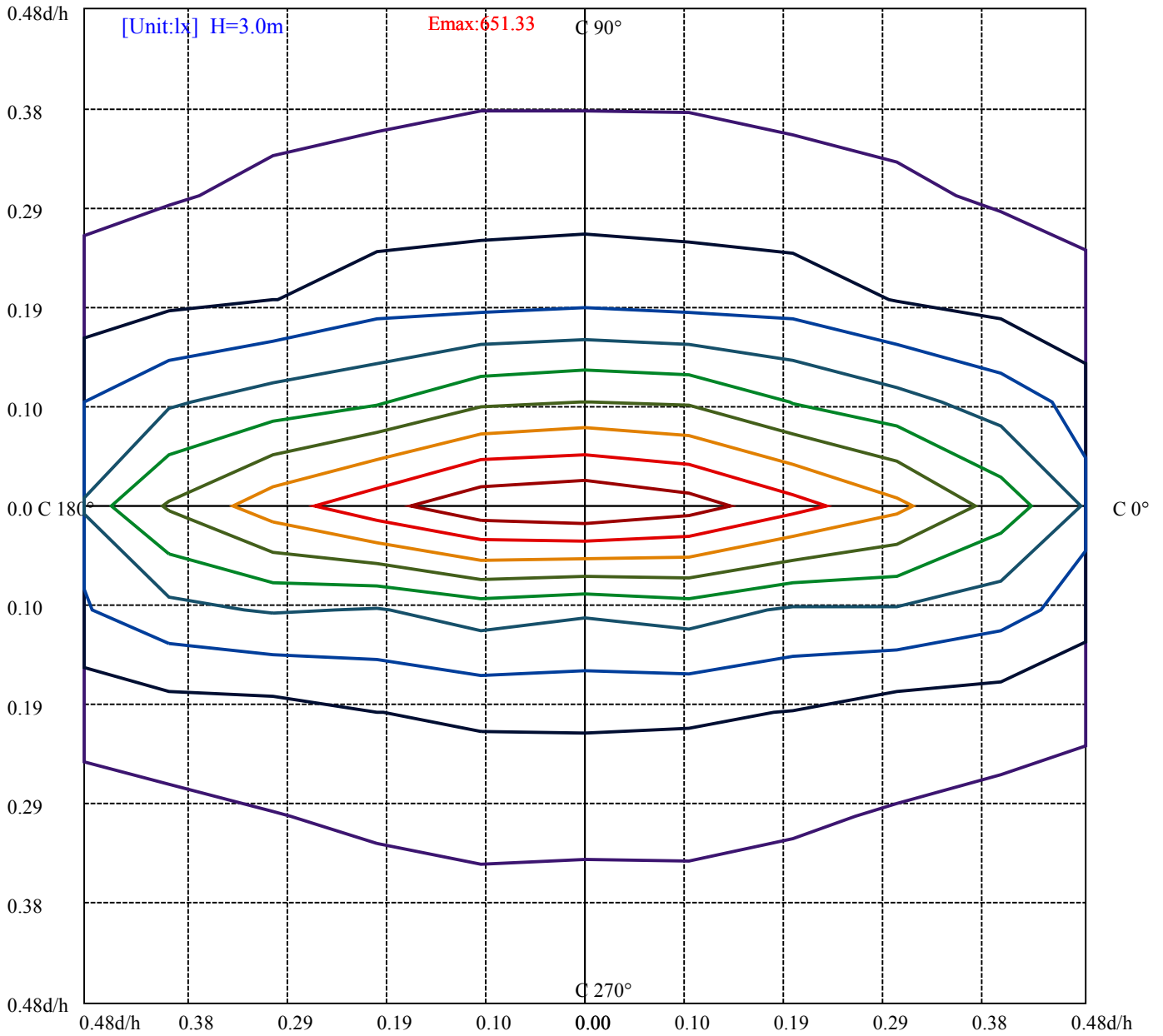


C150(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave C150面光束角22.62

ROLED 地埋灯  
平面等照度曲线



(10%Emax) 65.13322	—
(20%Emax) 130.2667	—
(30%Emax) 195.4	—
(40%Emax) 260.5333	—
(50%Emax) 325.6667	—
(60%Emax) 390.7989	—
(70%Emax) 455.9323	—
(80%Emax) 521.0656	—
(90%Emax) 586.1989	—

测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/11  
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)

亮度值表

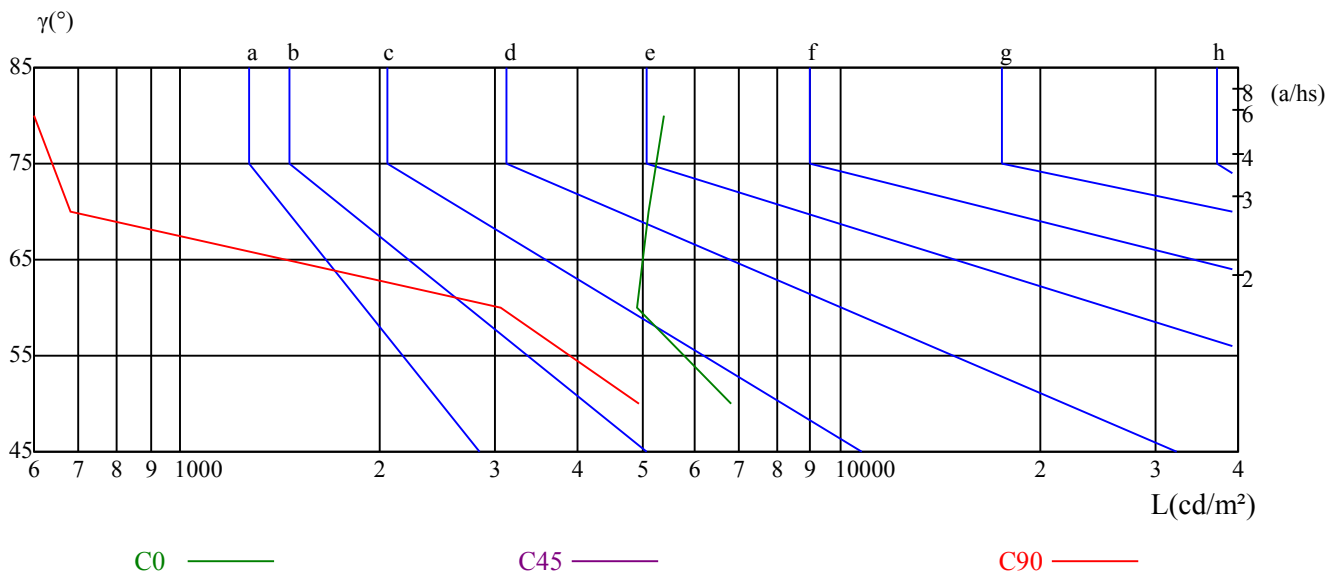
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6808	0	4913	0	5121	0	5385	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4953	0	3053	0	680	0	214	0

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	$\leq 300$				
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



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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	5955.61	5881.94	5746.88	5585.73	5419.21	5273.41	5152.16	5038.59	4895.86
30.0	5853.54	5963.28	5690.86	5118.40	4434.67	3685.71	3048.02	2498.58	2052.73
60.0	5870.43	5847.41	4917.35	3684.17	2704.23	2109.52	1715.09	1451.03	1219.21
90.0	5780.64	5863.52	4773.85	3372.62	2467.88	1915.37	1583.86	1326.79	1110.39
120.0	5912.63	5811.34	4878.21	3640.43	2723.42	2109.52	1727.36	1455.64	1238.54
150.0	5891.15	5984.77	5708.51	5109.19	4359.46	3596.69	2964.37	2440.26	2022.80
180.0	5955.61	5955.61	5884.24	5767.60	5622.56	5478.30	5338.63	5215.09	5089.24
210.0	5853.54	5419.98	4725.50	3963.50	3281.30	2688.12	2228.46	1857.82	1527.85
240.0	5870.43	5053.94	3784.70	2803.22	2144.82	1728.13	1444.97	1232.41	1035.19
270.0	5780.64	4670.25	3267.49	2339.73	1834.80	1509.12	1274.53	1052.46	880.49
300.0	5912.63	5086.17	3807.72	2810.13	2134.84	1709.71	1436.53	1208.62	1013.70
330.0	5891.15	5459.11	4756.20	3977.31	3275.93	2640.54	2195.46	1815.61	1526.92
360.0	5955.61	5881.94	5746.88	5585.73	5419.21	5273.41	5152.16	5038.59	4895.86
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4716.29	4442.34	4046.37	3565.23	3042.65	2464.81	1951.44	1523.24	1144.16
30.0	1708.18	1417.34	1178.69	981.47	829.53	697.54	587.04	499.56	422.06
60.0	1026.83	859.84	721.72	598.78	494.57	412.16	342.86	289.68	245.41
90.0	930.83	765.84	622.34	503.40	412.85	338.64	283.70	239.81	206.58
120.0	1046.32	877.19	736.60	610.91	509.08	416.38	349.23	292.91	248.25
150.0	1704.34	1434.23	1208.62	1028.28	870.20	736.68	623.11	533.33	451.98
180.0	4951.11	4748.52	4440.80	4044.07	3522.26	2968.98	2398.82	1879.30	1446.12
210.0	1350.12	1152.75	977.79	831.14	709.82	603.39	514.07	435.41	374.17
240.0	870.20	735.15	606.99	502.63	416.69	348.47	293.29	250.63	215.10
270.0	722.94	591.49	478.61	390.36	322.60	269.12	229.22	197.68	175.35
300.0	851.02	716.73	590.11	493.42	407.48	338.11	284.39	243.49	209.19
330.0	1295.25	1098.96	927.14	785.79	663.78	568.47	483.60	409.32	351.53
360.0	4716.29	4442.34	4046.37	3565.23	3042.65	2464.81	1951.44	1523.24	1144.16
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	862.53	646.90	486.52	388.29	280.94	217.24	169.36	135.75	110.89
30.0	361.28	304.80	261.68	222.85	190.23	165.14	143.35	125.85	110.50
60.0	211.64	184.86	164.91	147.95	133.83	122.40	112.19	103.21	95.00
90.0	181.18	161.53	146.80	134.29	124.31	115.18	107.05	98.76	91.16
120.0	215.56	188.62	168.29	151.33	137.28	125.39	115.72	106.67	98.45
150.0	389.83	329.97	281.32	239.88	206.42	177.42	153.71	134.83	118.41
180.0	1110.62	833.60	622.73	474.62	357.98	275.10	208.65	164.06	130.22
210.0	319.69	274.49	235.51	202.51	174.04	151.56	133.75	117.41	104.75
240.0	188.54	167.36	150.64	136.75	124.85	114.88	105.90	98.07	89.78
270.0	157.08	141.81	130.61	120.63	112.11	103.83	96.46	88.48	81.11
300.0	183.79	164.14	147.41	134.06	122.63	113.11	104.59	97.15	89.48
330.0	300.35	255.77	220.93	190.23	163.76	142.96	126.31	111.35	99.68
360.0	862.53	646.90	486.52	388.29	280.94	217.24	169.36	135.75	110.89
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	97.61	88.25	81.80	76.20	71.14	66.92	62.85	58.93	54.33
30.0	97.76	87.10	79.04	71.98	66.30	60.93	55.86	50.65	44.81
60.0	87.25	79.42	71.37	63.00	51.57	40.52	30.39	22.56	14.89
90.0	82.65	72.90	59.70	47.35	35.76	26.63	19.49	13.05	7.21
120.0	90.86	83.03	75.28	65.61	54.02	42.67	32.23	24.10	16.19
150.0	104.44	92.70	83.57	75.74	69.14	63.46	58.01	52.64	46.89
180.0	109.35	95.77	87.25	80.50	74.90	69.98	65.07	61.01	56.71
210.0	93.47	83.64	76.43	69.91	63.92	58.70	53.72	48.04	42.28
240.0	82.49	75.05	66.99	58.01	46.73	36.68	27.01	19.34	11.59
270.0	72.59	60.09	48.11	37.37	27.47	20.34	14.04	7.67	3.30
300.0	82.03	74.36	66.53	56.94	45.74	35.76	26.63	18.49	10.74
330.0	89.25	80.42	73.44	67.91	62.16	57.02	52.03	46.43	39.98
360.0	97.61	88.25	81.80	76.20	71.14	66.92	62.85	58.93	54.33

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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	49.65	43.66	38.06	33.92	29.01	23.56	15.12	9.06	2.23
30.0	38.37	30.62	21.72	11.89	4.60	2.46	1.53	0.54	0.38
60.0	7.60	2.84	2.30	1.92	1.46	0.77	0.61	0.61	0.31
90.0	2.99	2.53	2.15	1.69	1.15	0.77	0.84	0.54	0.38
120.0	8.13	2.99	2.46	2.07	1.53	0.84	0.61	0.54	0.31
150.0	39.90	31.85	22.94	12.97	5.53	2.46	1.84	0.61	0.46
180.0	51.95	45.97	39.52	34.46	30.08	25.63	19.57	12.43	5.91
210.0	34.92	26.01	15.73	7.29	2.69	2.07	1.00	0.54	0.31
240.0	4.68	2.53	2.15	1.84	1.07	0.69	0.61	0.46	0.15
270.0	2.53	2.23	1.76	1.23	0.84	0.77	0.61	0.38	0.08
300.0	3.99	2.53	2.23	1.69	1.07	0.69	0.69	0.46	0.08
330.0	32.92	24.10	14.27	5.99	2.69	1.84	0.77	0.46	0.23
360.0	49.65	43.66	38.06	33.92	29.01	23.56	15.12	9.06	2.23
C/γ(°)	90.0								
0.0	0.23								
30.0	0.08								
60.0	0.08								
90.0	0.00								
120.0	0.00								
150.0	0.15								
180.0	0.23								
210.0	0.08								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.08								
360.0	0.23								