

Roled Opto Electronics (China)Co.,Ltd
Http://www.roled.com.cn
Email:sensing@sensingm.com
Tel: 0573-84236688(-121) Fax:+86-0573-84882788
Address:No.8,HechuangRoad,HuimingStreet, JiashanCounty,Jiaxin City , Zhejiang Province.

ROLED

灯具名称: 投光灯
灯具描述: FWK2631B9-12-UN-RC-Y(20-OST-12RGBWN-AJ.P6)
报告编号: 电压(V): 220.3000
测试编号: 20230314002 电流(A): 0.6040
光源规格型号: OST 功率(W): 128.9000
每个光源光通量(lm) 功率因数: 0.9690
光源数量: 12 镇流器型号:
发光面长度(mm): 180 发光面宽度 (mm): 180
测试模式: C 发光面高度(mm): 0

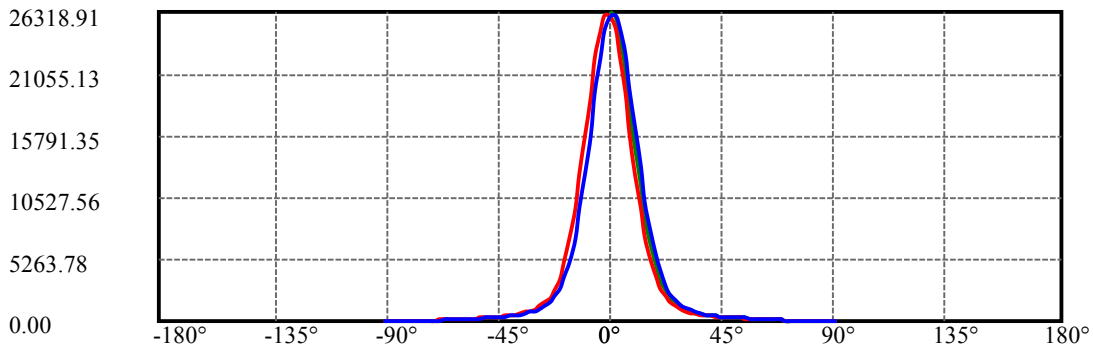
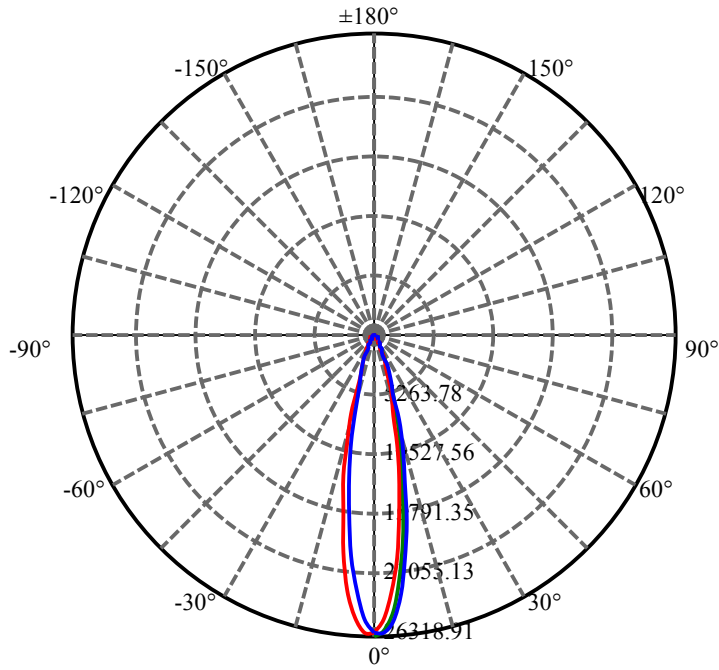
光度结果

灯具光通量(lm): 5832.90
灯具效能(lm/w): 45.25
中心光强(cd): 25990.250
最大光强(cd): 26318.910
最大光强角度: C=30.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=21.4
 [C90/270]Total=21.8
光束扩散角(10%Imax): [C0/180]Total=42.8
 [C90/270]Total=43.4

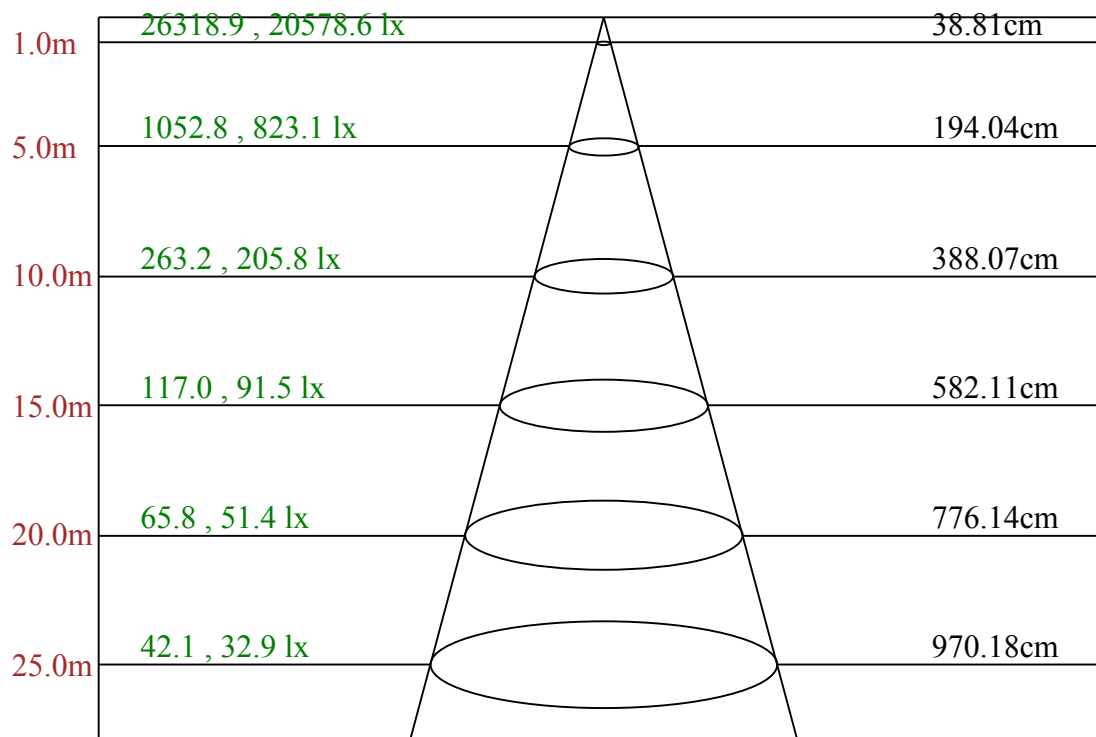
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/3/14
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

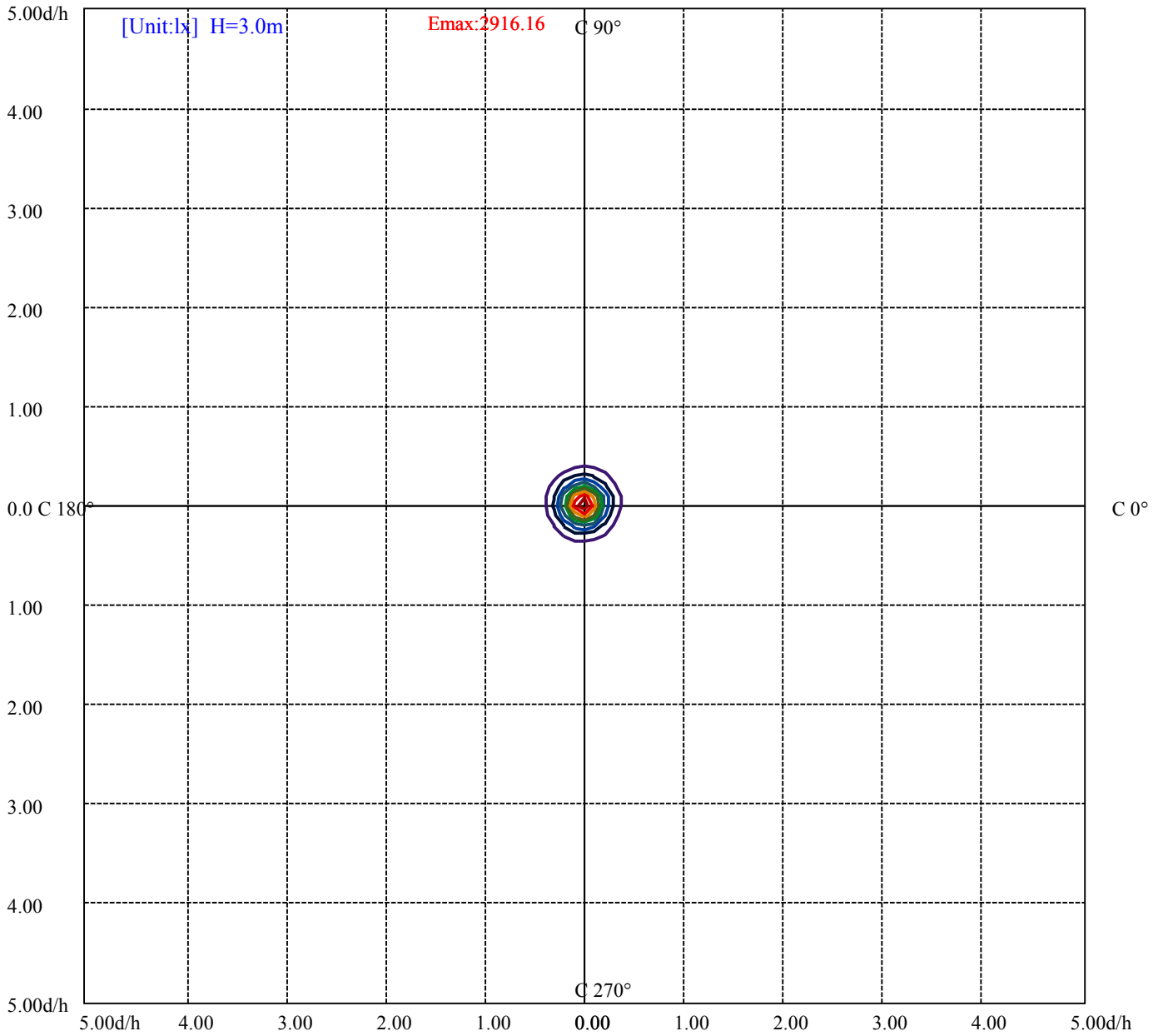


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角21.96

ROLED 投光灯
平面等照度曲线



- (10%Emax) 291.6144
- (20%Emax) 583.23
- (30%Emax) 874.8445
- (40%Emax) 1166.456
- (50%Emax) 1458.078
- (60%Emax) 1749.689
- (70%Emax) 2041.3
- (80%Emax) 2332.922
- (90%Emax) 2624.533

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/3/14
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

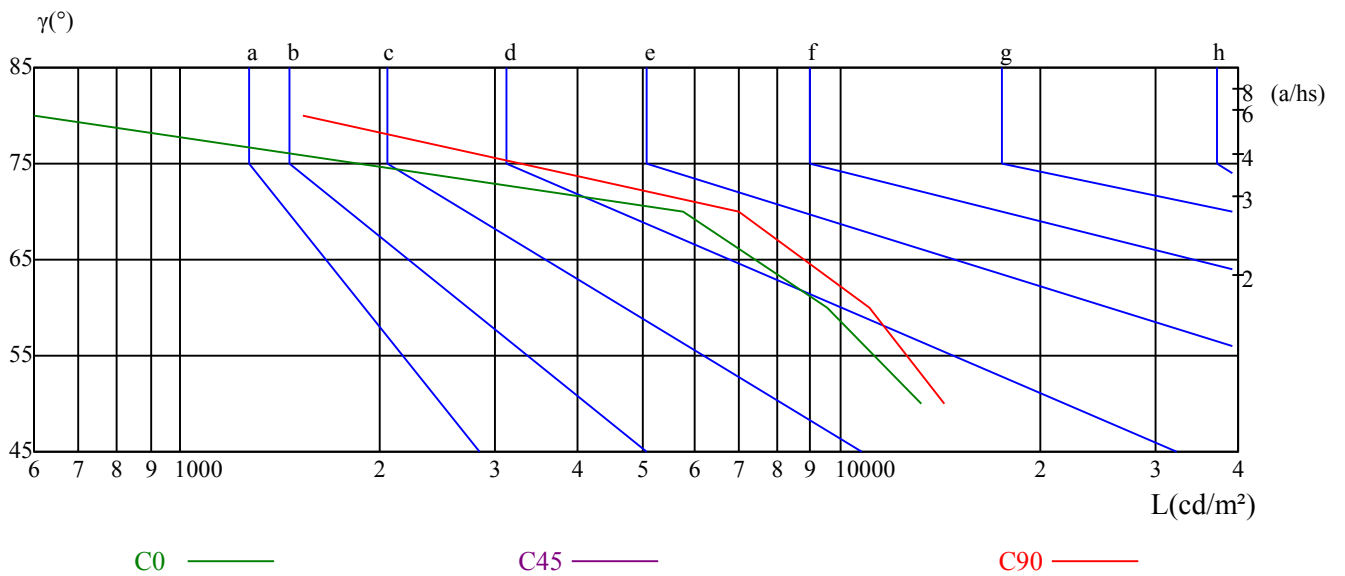
γ	45	50	55	60	65	70	75	80	85
C0	0	13235	0	9557	0	5760	0	384	0
C45	0	0	0	0	0	0	0	0	0
C90	0	14332	0	11025	0	7032	0	1537	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	0	0	0	0	0	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 投光灯

光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	25990.25	24891.82	22504.70	19477.55	15974.70	12497.81	9695.53	7221.92	5275.89
30.0	26318.91	25851.86	24234.50	21492.77	18171.55	14686.00	11563.71	8761.44	6478.10
60.0	26171.87	25860.51	24217.20	21786.83	17912.08	15272.40	12013.46	9121.24	6843.09
90.0	26033.49	26059.44	24961.01	22729.57	19745.67	16545.54	13198.37	10188.52	7723.56
120.0	26042.14	26033.49	24909.12	22651.73	19780.26	16349.20	13224.32	10177.28	7471.87
150.0	25912.40	26102.68	25229.13	23144.72	20316.50	16934.74	13561.63	10595.03	7810.05
180.0	25990.25	25938.35	24666.95	22383.61	19192.13	15824.21	12526.35	9724.07	7133.70
210.0	26318.91	25601.04	23724.21	20826.79	17070.53	13974.19	10860.55	8079.03	6005.87
240.0	26171.87	25350.22	23395.55	20454.89	16986.64	13630.82	10543.13	7887.89	5734.29
270.0	26033.49	24762.09	22383.61	19408.36	15814.70	12575.65	9587.42	7054.12	5117.61
300.0	26042.14	24969.66	22547.94	19442.95	16173.63	12809.17	9799.32	7170.02	5180.75
330.0	25912.40	24649.65	22037.65	18759.68	15413.38	12123.30	9316.70	6754.87	4815.76
360.0	25990.25	24891.82	22504.70	19477.55	15974.70	12497.81	9695.53	7221.92	5275.89

C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3750.21	2774.60	2051.54	1604.39	1273.13	1030.96	866.63	730.84	624.46
30.0	4782.90	3495.93	2577.40	1974.57	1537.79	1230.75	1016.26	845.01	712.68
60.0	5012.96	3659.39	2694.16	2069.71	1618.57	1302.80	1062.88	878.82	737.15
90.0	5613.20	4393.69	2946.71	2228.85	1717.69	1374.33	1111.40	915.06	770.63
120.0	5353.73	3866.97	2793.63	2097.38	1649.97	1310.76	1079.14	893.96	748.92
150.0	5561.31	4436.94	2887.04	2133.71	1661.47	1317.24	1070.75	896.90	754.19
180.0	5122.80	3664.58	2693.30	2021.27	1578.87	1275.73	1047.31	873.03	736.98
210.0	4371.20	3162.07	2387.12	1707.66	1473.96	1182.06	986.59	821.22	702.47
240.0	4376.39	3116.23	2346.47	1808.51	1433.14	1154.64	962.63	805.22	680.68
270.0	3769.23	2740.00	2058.46	1630.94	1290.43	1052.50	883.58	742.17	634.58
300.0	3722.53	2757.30	2052.41	1594.01	1267.94	1036.15	862.31	727.38	625.32
330.0	3457.87	2551.46	1919.21	1500.69	1207.05	986.07	823.90	695.73	605.26
360.0	3750.21	2774.60	2051.54	1604.39	1273.13	1030.96	866.63	730.84	624.46

C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	544.02	483.48	436.77	391.45	355.82	325.20	299.43	275.64	248.31
30.0	610.62	535.37	473.97	436.77	389.46	355.21	326.50	300.12	275.47
60.0	634.49	550.60	484.86	435.91	394.22	358.59	327.88	302.02	276.94
90.0	653.86	563.05	493.86	440.23	396.90	361.01	328.40	298.48	272.27
120.0	639.07	557.43	489.71	436.95	396.04	360.40	330.13	302.63	277.55
150.0	642.62	557.00	492.13	438.50	400.02	364.21	333.42	305.14	280.14
180.0	636.05	551.55	484.52	434.01	390.07	351.58	318.89	292.16	265.96
210.0	604.48	525.77	469.12	422.42	382.55	350.20	322.26	293.20	268.38
240.0	591.59	517.21	456.67	413.68	377.10	343.54	314.39	287.84	261.46
270.0	555.35	486.25	433.31	389.90	354.44	322.78	293.89	268.90	244.94
300.0	544.02	483.48	439.37	391.28	355.99	326.33	299.95	275.73	252.72
330.0	529.75	470.85	422.16	383.06	350.03	320.53	294.76	270.11	248.40
360.0	544.02	483.48	436.77	391.45	355.82	325.20	299.43	275.64	248.31

C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	223.40	200.22	176.61	154.82	134.15	115.98	99.46	84.15	63.83
30.0	251.69	228.51	203.42	177.48	153.26	129.74	108.72	90.30	73.00
60.0	253.59	228.77	203.77	179.73	152.83	130.17	108.98	91.16	73.95
90.0	249.00	225.05	201.18	178.60	156.03	136.39	117.28	97.47	77.93
120.0	252.90	229.37	207.40	184.48	160.70	136.14	113.91	93.41	75.94
150.0	255.15	231.27	209.48	187.08	165.20	139.77	118.06	98.17	79.57
180.0	243.90	221.24	198.75	177.13	156.46	132.50	112.61	93.06	73.08
210.0	243.82	219.60	196.59	173.24	149.02	125.41	105.26	85.28	65.73
240.0	237.85	214.24	192.18	169.26	146.17	121.43	100.24	81.82	63.92
270.0	223.23	198.41	174.80	152.48	132.24	113.13	93.93	75.25	58.90
300.0	228.77	204.89	179.47	155.77	131.29	109.58	91.85	75.59	57.86
330.0	225.13	202.82	177.91	152.91	128.96	109.15	90.21	72.39	57.60
360.0	223.40	200.22	176.61	154.82	134.15	115.98	99.46	84.15	63.83

ROLED 投光灯

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	43.33	27.16	20.07	8.74	2.16	1.04	0.86	0.69	0.43
30.0	56.82	39.18	24.13	15.31	7.18	1.56	0.95	0.86	0.61
60.0	55.61	38.92	26.47	16.26	7.01	1.82	1.04	0.95	0.61
90.0	61.06	44.28	30.19	18.25	8.65	1.99	0.95	0.86	0.61
120.0	58.21	43.85	29.93	18.25	8.99	3.63	1.12	0.78	0.69
150.0	60.02	44.54	32.00	21.45	9.43	4.67	1.12	0.95	0.69
180.0	56.91	44.20	32.35	15.57	8.39	1.73	0.86	0.86	0.69
210.0	49.82	35.46	25.34	12.11	5.88	1.21	1.04	0.95	0.69
240.0	47.83	34.34	21.80	11.76	5.02	1.12	0.95	0.69	0.35
270.0	43.59	28.71	17.56	8.04	1.56	0.86	0.86	0.61	0.35
300.0	41.52	28.89	18.42	9.51	3.37	1.21	1.12	0.78	0.43
330.0	42.12	25.51	16.26	8.65	2.25	1.04	0.86	0.61	0.35
360.0	43.33	27.16	20.07	8.74	2.16	1.04	0.86	0.69	0.43
C/γ(°)	90.0								
0.0	0.35								
30.0	0.26								
60.0	0.35								
90.0	0.35								
120.0	0.35								
150.0	0.43								
180.0	0.35								
210.0	0.35								
240.0	0.26								
270.0	0.26								
300.0	0.35								
330.0	0.26								
360.0	0.35								