

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: FWK2111C1.8-1-24DC(15-XPG-1WN-AJ.P1)
报告编号: 电压(V): 24.1000
测试编号: 20221214004 电流(A): 0.2870
光源规格型号: XPG 功率(W): 6.9000
每个光源光通量(lm) 功率因数: 1.0240
光源数量: 1 镇流器型号:
发光面长度(mm): 35 发光面宽度 (mm): 35
测试模式: C 发光面高度(mm): 0

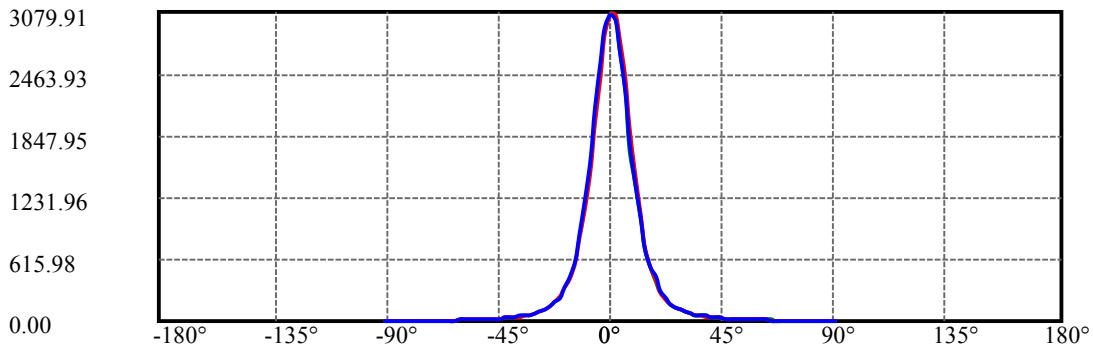
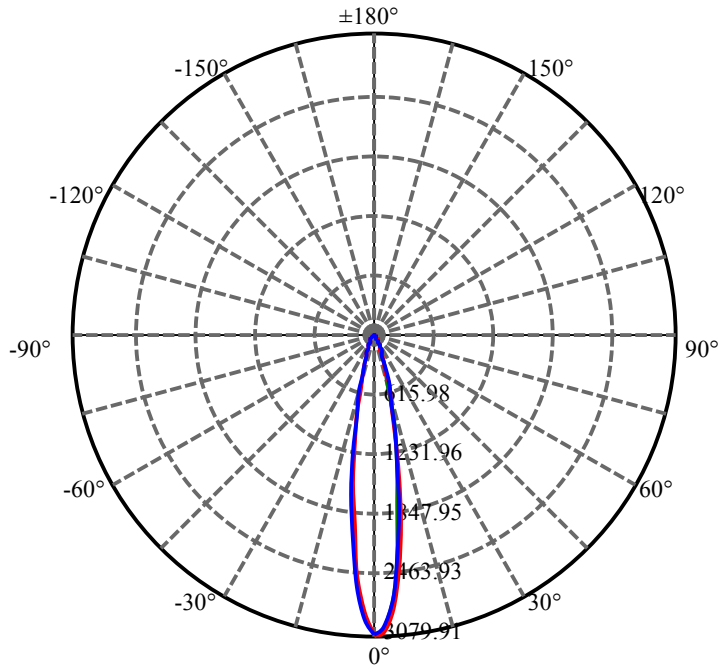
光度结果

灯具光通量(lm): 511.99
灯具效能(lm/w): 74.20
中心光强(cd): 3054.827
最大光强(cd): 3079.909
最大光强角度: C=60.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=17.8
 [C90/270]Total=17.8
光束扩散角(10%Imax): [C0/180]Total=37.9
 [C90/270]Total=38.2

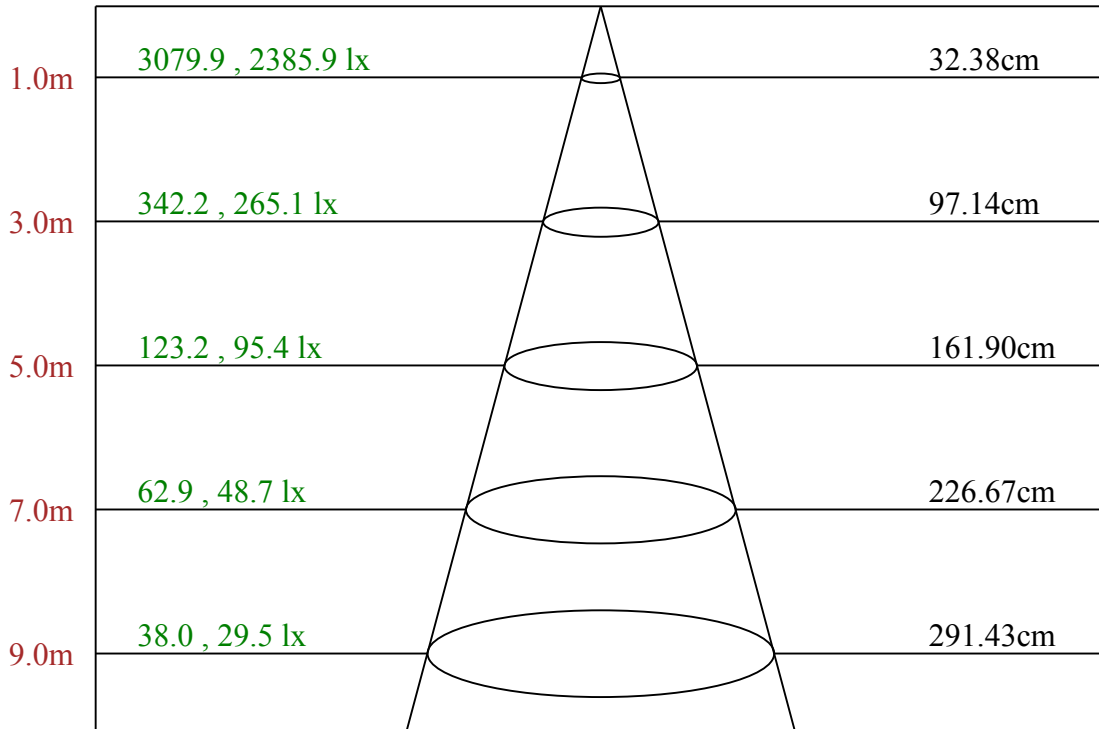
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/14
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

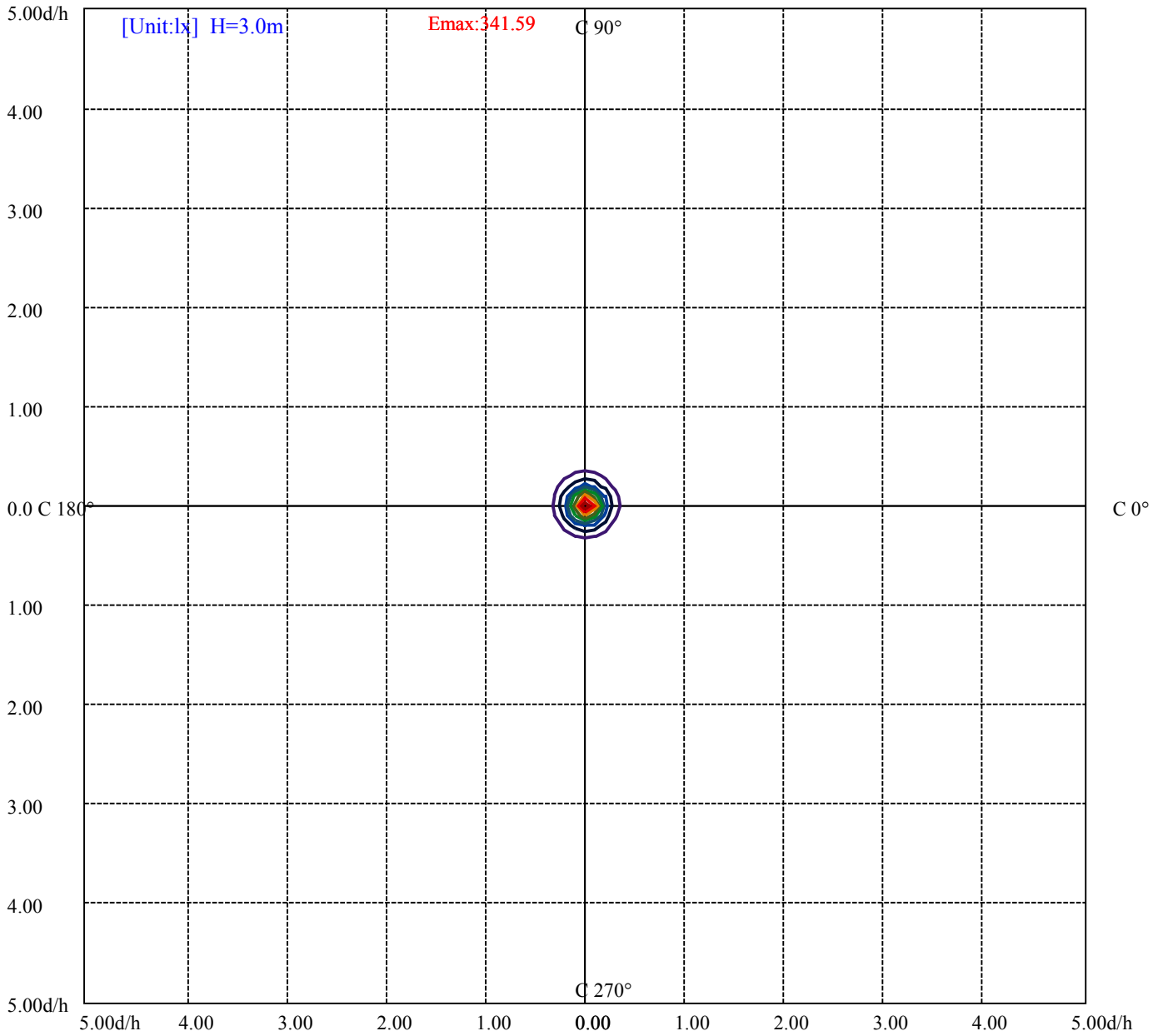


C60(Max): ——
C0/C180: ——
C90/C270: ——



Max, Ave C60面光束角18.39

ROLED 投光灯
平面等照度曲线



- (10%Emax) 34.15867
- (20%Emax) 68.31744
- (30%Emax) 102.4761
- (40%Emax) 136.6344
- (50%Emax) 170.7933
- (60%Emax) 204.9522
- (70%Emax) 239.1111
- (80%Emax) 273.27
- (90%Emax) 307.4289

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/14
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)

附页 第 5页 共 7页

亮度值表

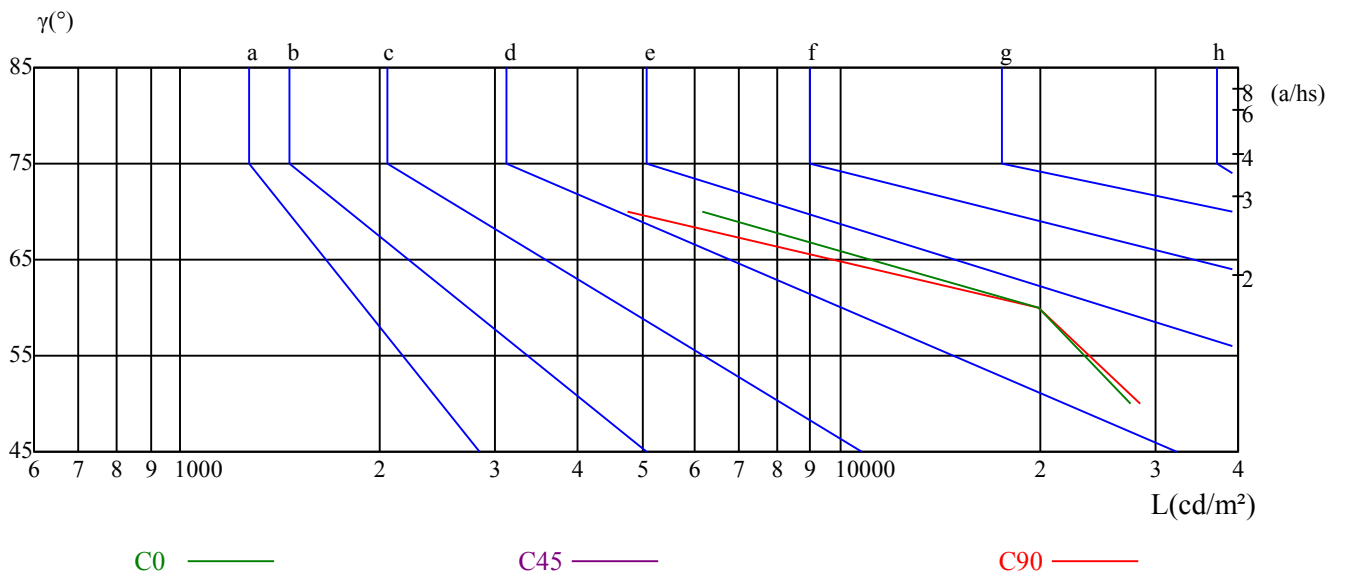
γ	45	50	55	60	65	70	75	80	85
C0	0	27570	0	19910	0	6193	0	0	0
C45	0	0	0	0	0	0	0	0	0
C90	0	28339	0	19910	0	4748	0	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
74093	77935	0	13230	14458	0	3240	3645	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: GMS-1800
环境温度($^{\circ}\text{C}$): 25.0

测试日期: 2022/12/14
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

ROLED 投光灯

光强数据表(cd)

附页 第6页 共7页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	3054.83	3048.77	2821.30	2409.61	1949.48	1474.65	1059.50	749.00	537.10
30.0	3068.67	3034.93	2789.30	2381.07	1892.40	1427.95	1057.77	750.73	534.51
60.0	3079.91	3002.93	2695.89	2280.74	1721.67	1385.48	1009.94	724.61	531.14
90.0	3062.61	2988.23	2699.35	2282.47	1803.32	1382.11	1016.26	732.57	538.83
120.0	3053.10	2897.42	2554.91	2104.30	1671.07	1252.72	927.86	672.63	500.52
150.0	3058.29	2898.28	2546.27	2098.25	1626.01	1229.89	896.90	657.32	479.15
180.0	3054.83	2823.03	2429.50	1956.40	1521.10	1121.43	823.47	590.38	430.29
210.0	3068.67	2868.01	2501.29	2016.95	1579.31	1155.25	820.79	587.61	428.47
240.0	3079.91	2924.23	2594.70	2122.46	1636.39	1225.56	870.09	617.54	441.96
270.0	3062.61	2910.39	2579.13	2109.49	1643.74	1223.92	864.21	612.52	433.57
300.0	3053.10	2973.53	2699.35	2258.25	1795.53	1341.46	952.25	671.16	482.61
330.0	3058.29	2993.42	2706.27	2285.93	1718.21	1348.55	957.70	687.85	484.26
360.0	3054.83	3048.77	2821.30	2409.61	1949.48	1474.65	1059.50	749.00	537.10
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	405.47	284.12	215.10	166.23	132.42	107.85	88.31	73.60	62.88
30.0	438.50	290.52	220.72	174.80	137.95	110.71	91.77	76.28	64.69
60.0	388.77	289.31	222.37	174.97	137.69	112.70	92.03	76.37	64.87
90.0	440.23	301.50	227.04	179.38	140.98	113.30	92.89	77.32	65.73
120.0	371.22	278.84	215.10	166.41	132.94	107.68	89.00	74.29	62.79
150.0	361.79	267.51	207.40	161.82	127.57	103.87	85.71	72.48	61.06
180.0	317.59	239.49	186.90	145.48	117.02	95.31	78.36	66.08	56.05
210.0	311.19	234.73	183.10	142.71	114.51	92.63	77.75	65.47	55.96
240.0	324.77	243.04	189.41	147.21	117.54	96.00	79.74	67.03	56.91
270.0	317.59	237.67	184.83	144.27	115.64	93.76	77.93	66.34	56.22
300.0	344.75	255.66	198.15	153.69	122.56	99.64	82.77	69.45	59.59
330.0	346.39	261.11	198.32	156.55	124.98	101.02	83.03	70.40	59.68
360.0	405.47	284.12	215.10	166.23	132.42	107.85	88.31	73.60	62.88
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	53.71	46.62	40.04	34.86	30.70	27.16	24.13	21.71	19.63
30.0	55.70	48.00	41.43	36.07	31.83	27.94	25.08	22.49	20.24
60.0	55.61	48.00	41.52	36.41	31.91	28.20	25.08	22.66	20.50
90.0	55.96	48.00	41.43	36.24	31.74	28.02	24.91	22.31	20.07
120.0	53.71	46.27	40.04	34.77	30.70	27.07	24.04	21.62	19.46
150.0	52.07	44.63	38.75	33.82	29.58	26.38	23.44	20.84	18.77
180.0	47.66	41.00	35.55	31.05	27.33	24.13	21.71	19.37	17.47
210.0	47.83	41.34	35.98	31.57	27.85	24.65	22.14	19.81	17.82
240.0	48.87	42.12	36.76	32.09	28.63	25.34	22.57	20.50	18.51
270.0	48.43	41.86	36.41	32.00	28.46	25.34	22.57	20.50	18.42
300.0	50.94	44.20	38.49	33.73	29.84	26.55	23.70	21.28	19.29
330.0	51.29	44.80	38.92	34.08	30.10	26.73	23.96	21.45	19.29
360.0	53.71	46.62	40.04	34.86	30.70	27.16	24.13	21.71	19.63
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	17.64	15.91	14.27	12.20	10.03	7.87	5.88	4.24	2.59
30.0	18.16	16.52	14.96	13.41	11.85	9.77	7.44	5.10	3.55
60.0	18.42	16.69	15.05	13.67	11.94	10.21	7.78	5.36	3.63
90.0	17.99	16.35	14.44	12.20	9.69	7.09	5.28	3.55	1.99
120.0	17.56	15.91	14.36	12.89	10.98	8.56	6.05	4.15	2.77
150.0	17.04	15.31	13.67	12.45	10.90	9.25	6.75	4.58	3.03
180.0	15.83	14.27	12.71	10.29	7.96	5.97	4.41	2.77	1.30
210.0	16.26	14.62	13.06	11.68	10.21	8.22	6.05	4.32	2.68
240.0	16.69	15.14	13.67	12.20	10.81	9.17	7.01	4.93	3.29
270.0	16.69	15.14	13.49	11.24	9.08	6.92	5.02	3.29	1.73
300.0	17.30	15.74	14.18	12.71	11.33	9.25	7.01	4.93	3.37
330.0	17.47	15.83	14.18	12.80	11.42	9.60	7.44	5.28	3.72
360.0	17.64	15.91	14.27	12.20	10.03	7.87	5.88	4.24	2.59

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	1.12	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00
30.0	1.99	0.78	0.17	0.00	0.00	0.00	0.00	0.00	0.00
60.0	1.99	0.86	0.17	0.09	0.00	0.00	0.00	0.00	0.00
90.0	0.78	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	1.38	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	1.64	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
210.0	1.38	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00
240.0	1.90	0.61	0.17	0.00	0.00	0.00	0.00	0.00	0.00
270.0	0.52	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300.0	1.73	0.61	0.26	0.00	0.00	0.00	0.00	0.00	0.00
330.0	2.16	0.86	0.17	0.00	0.00	0.00	0.00	0.00	0.00
360.0	1.12	0.35	0.09	0.00	0.00	0.00	0.00	0.00	0.00

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