

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: FWK2411C1.8-12-UN(20-XPG-12WN-AJ.P1)
报告编号: 电压(V): 219.3000
测试编号: 20230201003 电流(A): 0.3630
光源规格型号: XPG 功率(W): 74.7000
每个光源光通量(lm) 功率因数: 0.9390
光源数量: 12 镇流器型号:
发光面长度(mm): 130 发光面宽度 (mm): 130
测试模式: C 发光面高度(mm): 0

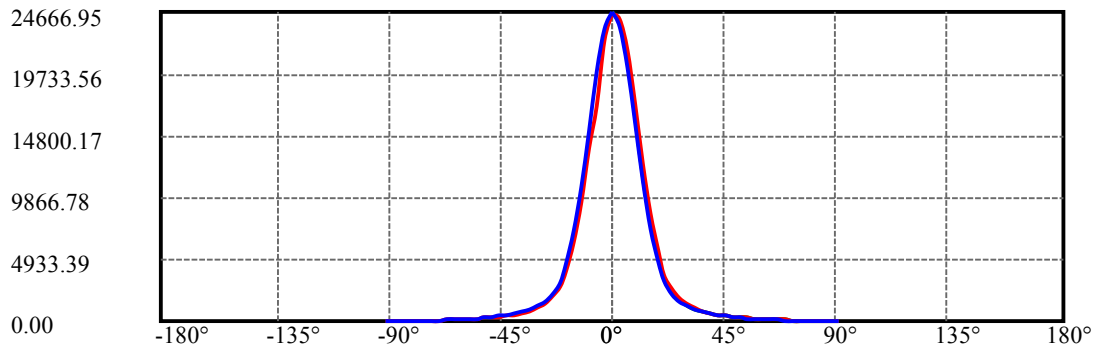
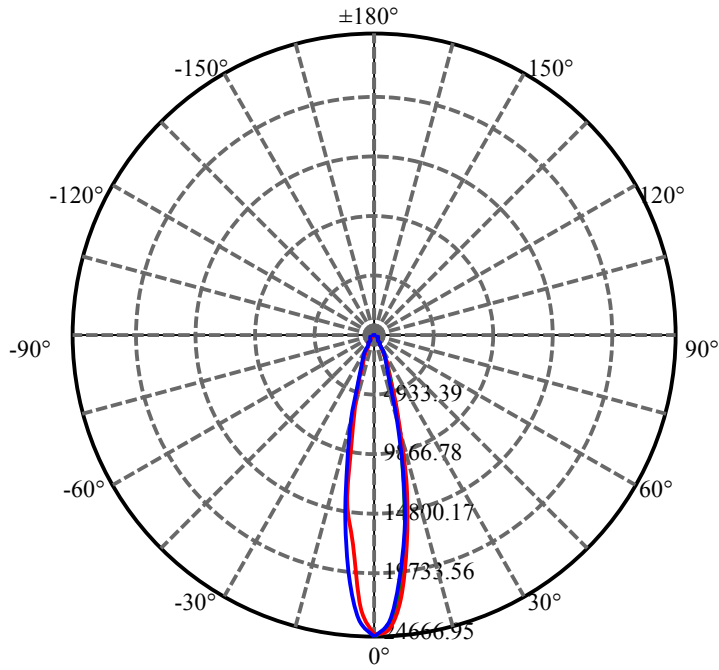
光度结果

灯具光通量(lm): 6021.28
灯具效能(lm/w): 80.61
中心光强(cd): 24459.370
最大光强(cd): 24666.950
最大光强角度: C=60.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=22.4
 [C90/270]Total=22.3
光束扩散角(10%Imax): [C0/180]Total=46.5
 [C90/270]Total=46.3

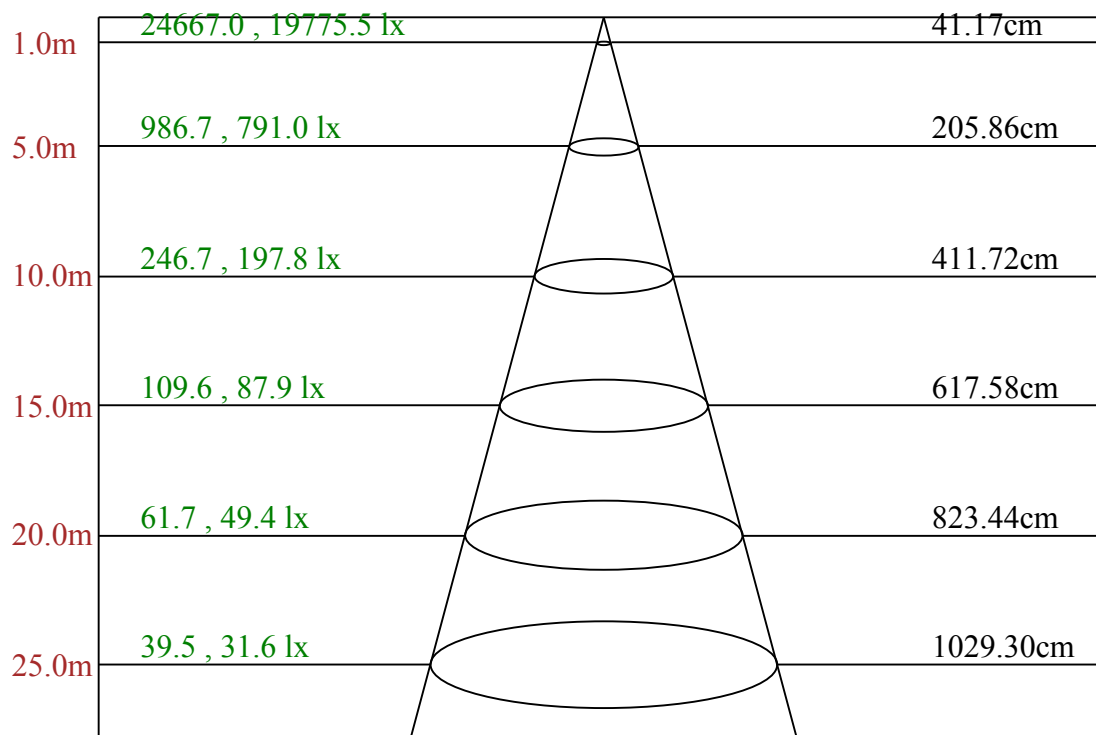
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/1
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

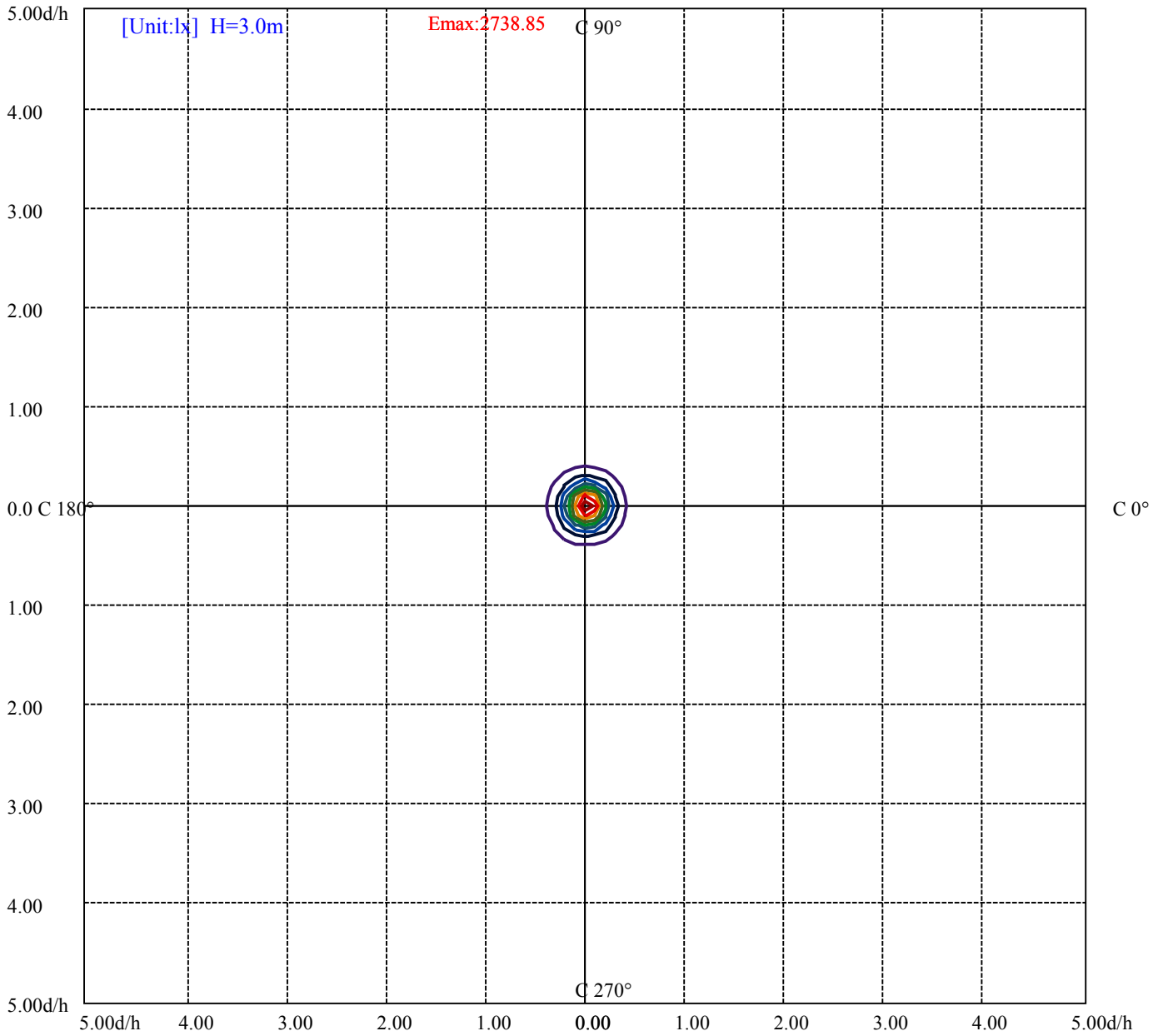


C60(Max): —
C0/C180: —
C90/C270: —



Max, Ave C60面光束角23.26

ROLED 投光灯
平面等照度曲线



- (10%Emax) 273.8844
- (20%Emax) 547.7689
- (30%Emax) 821.6545
- (40%Emax) 1095.539
- (50%Emax) 1369.422
- (60%Emax) 1643.311
- (70%Emax) 1917.189
- (80%Emax) 2191.078
- (90%Emax) 2464.967

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/1
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

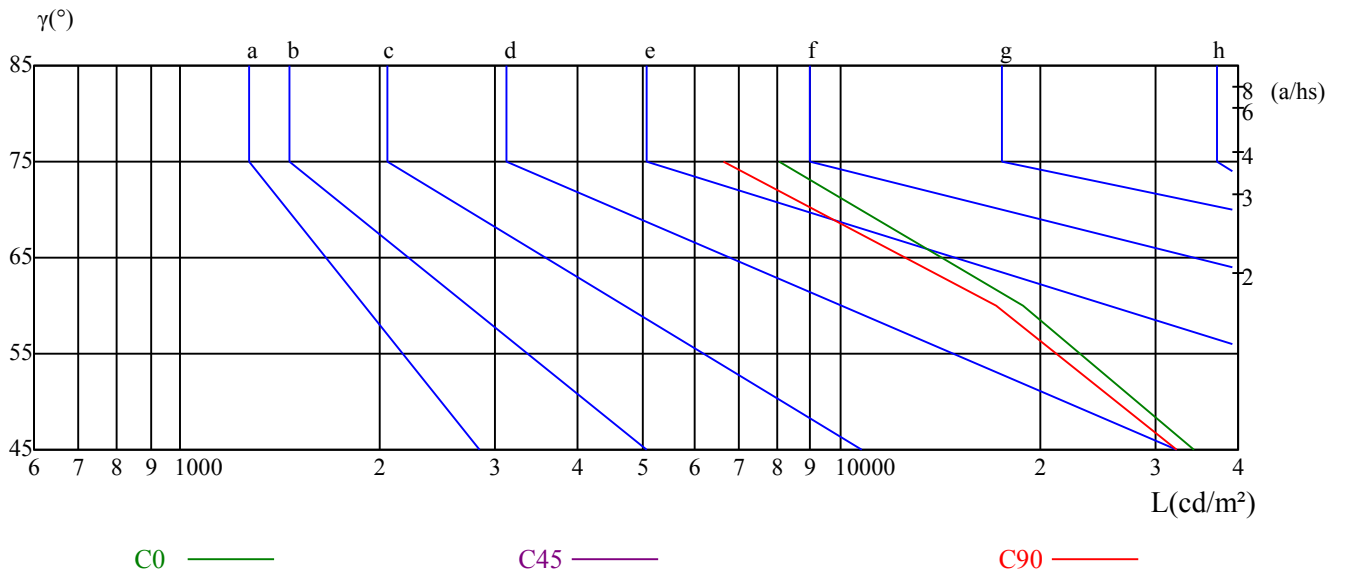
γ	45	50	55	60	65	70	75	80	85
C0	34342	0	0	18895	0	0	8068	0	0
C45	0	0	0	0	0	0	0	0	0
C90	32215	0	0	17155	0	0	6624	0	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
0	0	0	6239	6456	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)

附页 第6页 共6页

C/γ(°)	0.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
0.0	24459.37	24130.71	21596.55	17332.60	12618.89	8631.70	5595.90	3710.42	2544.54
30.0	24632.35	24243.15	21510.06	17323.95	12575.65	8553.86	5595.90	3662.85	2502.16
60.0	24666.95	23758.80	20619.22	16216.01	11540.36	7784.96	5032.85	3361.87	2305.82
90.0	24597.76	23447.44	20264.61	15706.58	11209.10	7377.60	4800.20	3168.13	2218.47
120.0	24545.86	22798.76	19192.13	14599.51	10115.01	6615.62	4272.61	2892.23	2042.03
150.0	24554.51	22772.82	19019.15	14435.18	9946.35	6460.80	4385.04	2861.09	2007.43
180.0	24459.37	22392.26	17230.54	13785.64	9433.46	6236.79	4040.81	2746.92	1921.81
210.0	24632.35	22669.03	18872.12	14059.81	9641.04	6363.07	4131.63	2814.38	2003.97
240.0	24666.95	23136.08	19676.48	14988.72	10491.24	7005.69	4566.67	3083.37	2159.66
270.0	24597.76	23326.35	19892.70	15207.54	10781.84	7202.02	4660.95	3103.26	2183.01
300.0	24545.86	23879.89	20895.98	16424.45	11892.38	8095.46	5258.59	3477.76	2410.48
330.0	24554.51	23931.78	21103.56	16677.00	11961.57	8088.54	5294.05	3479.49	2410.48
360.0	24459.37	24130.71	21596.55	17332.60	12618.89	8631.70	5595.90	3710.42	2544.54
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	1801.59	1326.76	1000.69	781.00	620.13	496.45	410.40	341.46	288.44
30.0	1805.05	1337.14	1020.58	791.38	630.51	508.56	426.40	350.89	297.79
60.0	1667.35	1254.62	964.71	752.38	599.12	487.28	400.54	335.93	284.03
90.0	1604.39	1207.40	918.52	723.06	573.43	462.72	384.97	322.35	268.03
120.0	1497.66	1135.18	871.65	684.40	550.42	448.62	369.31	307.39	259.12
150.0	1481.57	1111.40	851.06	670.30	537.10	437.64	358.93	300.12	251.51
180.0	1426.65	1067.29	824.34	644.61	517.12	417.83	343.97	288.44	236.81
210.0	1476.56	1108.80	859.02	674.79	543.24	442.31	368.19	308.60	260.51
240.0	1564.60	1168.48	903.82	709.22	570.83	462.72	386.26	324.51	275.30
270.0	1590.98	1196.16	920.60	719.77	573.60	468.00	387.30	327.36	274.87
300.0	1727.21	1290.43	981.66	770.63	612.35	493.86	411.52	346.65	293.89
330.0	1725.48	1292.94	990.05	775.38	614.86	499.74	410.91	344.06	292.86
360.0	1801.59	1326.76	1000.69	781.00	620.13	496.45	410.40	341.46	288.44
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	239.58	194.95	159.66	129.48	104.22	83.81	57.78	35.29	19.29
30.0	252.38	213.54	173.76	139.77	111.49	84.33	61.41	37.02	19.63
60.0	239.75	197.37	161.39	130.77	103.79	78.53	55.35	31.31	14.70
90.0	215.62	177.65	144.96	117.54	96.26	74.90	46.19	28.97	12.89
120.0	217.95	179.38	145.04	117.37	90.38	66.60	43.59	24.04	10.38
150.0	211.30	172.29	138.82	110.45	86.75	64.44	41.69	22.66	9.69
180.0	189.93	154.90	126.10	101.02	82.25	57.08	35.20	19.29	5.54
210.0	219.51	178.86	144.44	115.20	87.79	64.87	40.04	21.19	8.99
240.0	232.05	192.27	155.34	124.03	96.00	70.75	46.70	25.26	10.72
270.0	224.87	183.45	148.68	119.79	97.47	73.34	46.19	27.50	11.24
300.0	250.30	210.43	169.61	137.87	109.15	82.60	58.81	33.39	16.87
330.0	249.18	209.82	169.61	137.69	108.98	82.51	59.59	35.37	18.42
360.0	239.58	194.95	159.66	129.48	104.22	83.81	57.78	35.29	19.29
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	4.84	0.61	0.43	0.26					
30.0	7.70	0.69	0.52	0.26					
60.0	4.58	0.61	0.52	0.35					
90.0	3.20	0.52	0.43	0.26					
120.0	1.82	0.61	0.35	0.17					
150.0	1.64	0.52	0.43	0.17					
180.0	0.52	0.43	0.35	0.17					
210.0	1.30	0.52	0.43	0.17					
240.0	1.82	0.52	0.43	0.17					
270.0	2.08	0.52	0.35	0.17					
300.0	5.19	0.61	0.43	0.17					
330.0	6.57	0.61	0.52	0.26					
360.0	4.84	0.61	0.43	0.26					