

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: FWK2611C1.8-27-36DC(30-XPG-27WN-AJ.P1)
报告编号: 电压(V): 36.0000
测试编号: 20230313005 电流(A): 3.7450
光源规格型号: XPG 功率(W): 134.4000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 27 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

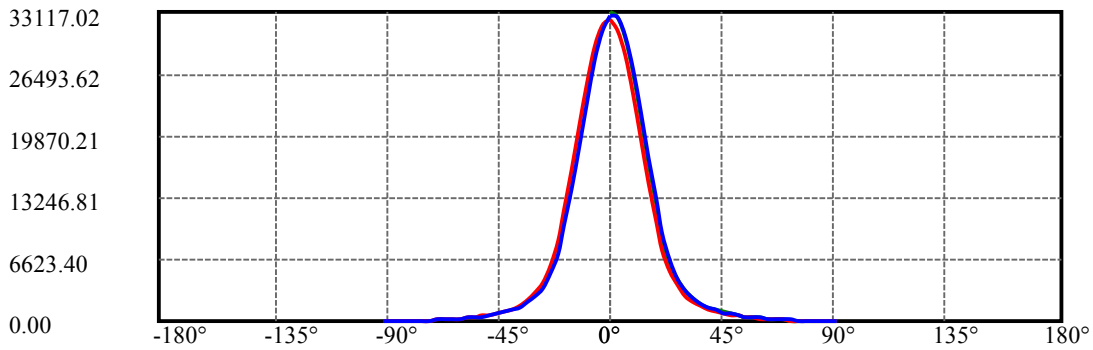
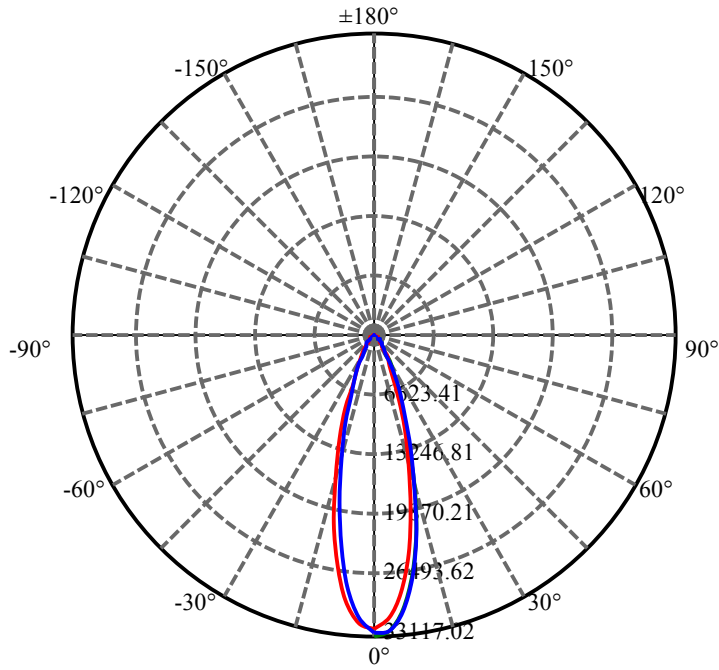
光度结果

灯具光通量(lm): 12018.24
灯具效能(lm/w): 89.42
中心光强(cd): 32329.960
最大光强(cd): 33117.020
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=29.2
 [C90/270]Total=29.3
光束扩散角(10%Imax): [C0/180]Total=58.0
 [C90/270]Total=58.0

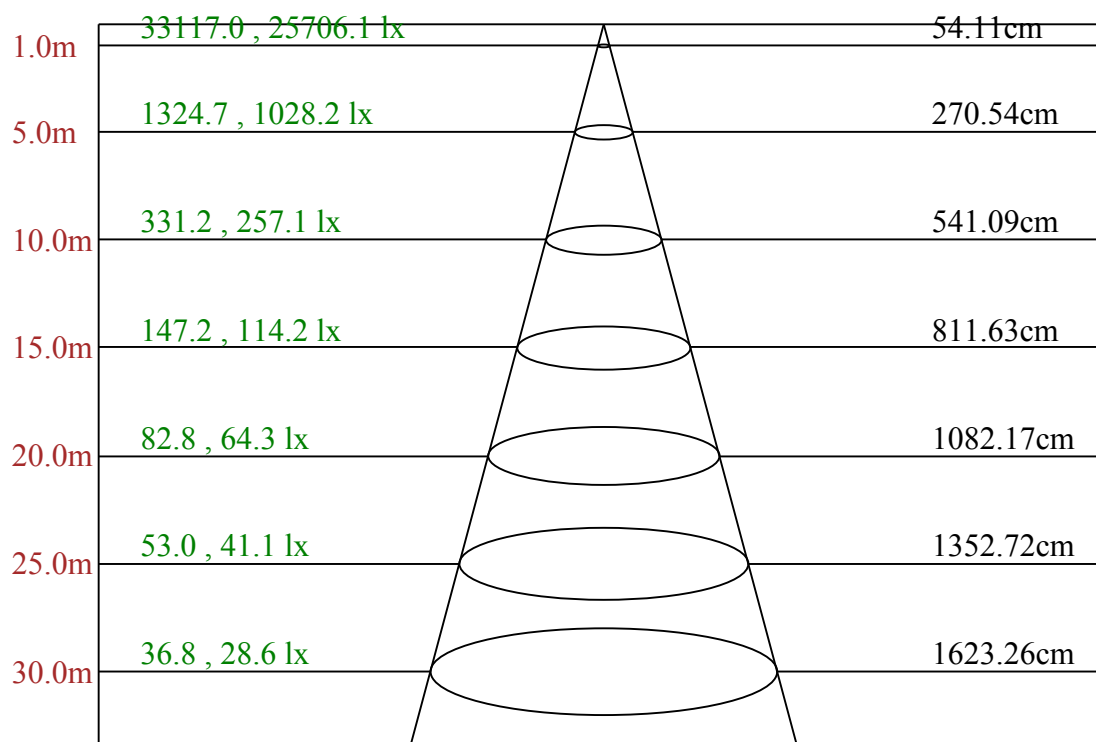
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/3/13
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

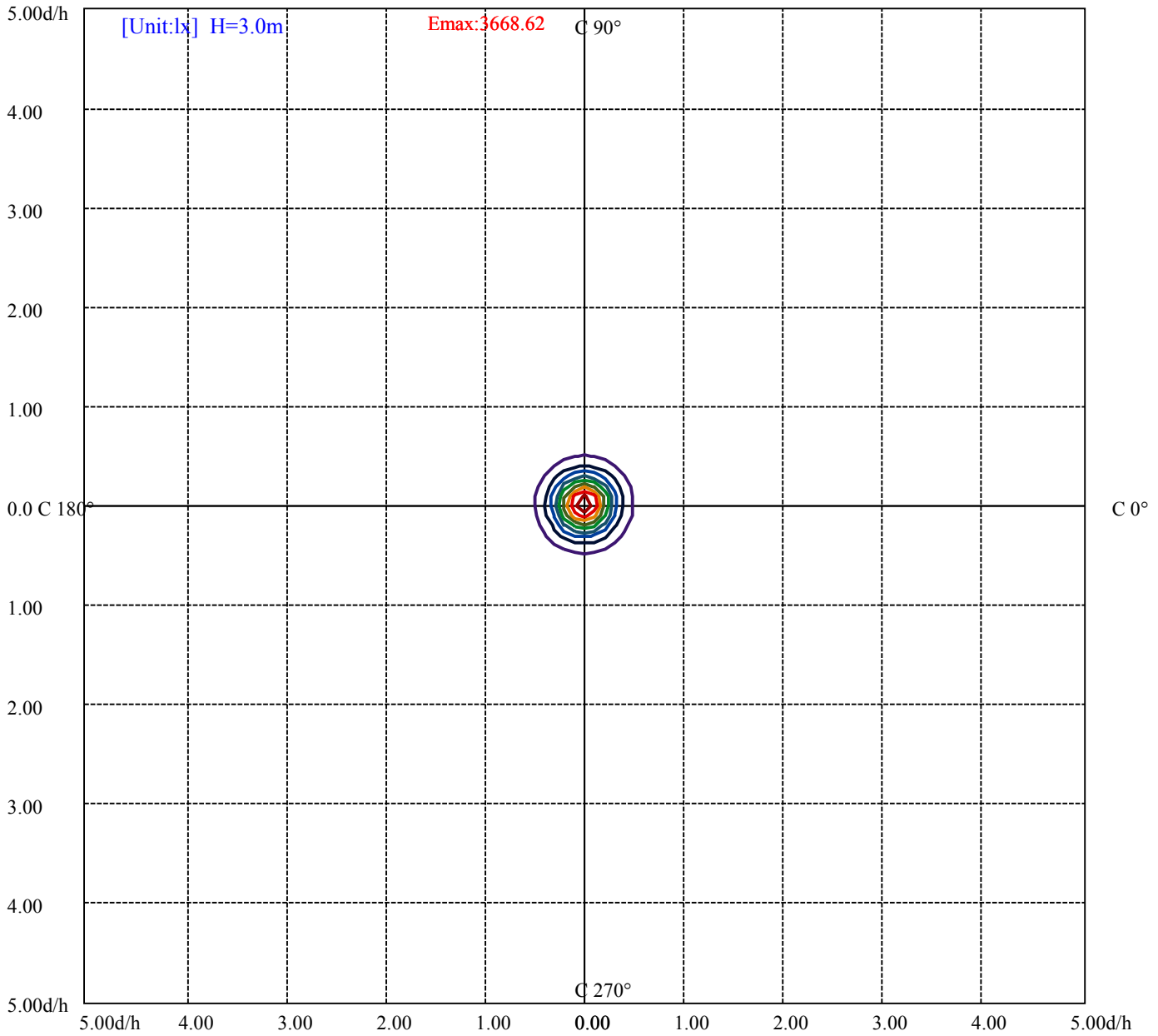


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角30.27

ROLED 投光灯
平面等照度曲线



- (10%Emax) 366.8611
- (20%Emax) 733.7222
- (30%Emax) 1100.583
- (40%Emax) 1467.444
- (50%Emax) 1834.311
- (60%Emax) 2201.167
- (70%Emax) 2568.033
- (80%Emax) 2934.889
- (90%Emax) 3301.756

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/3/13
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

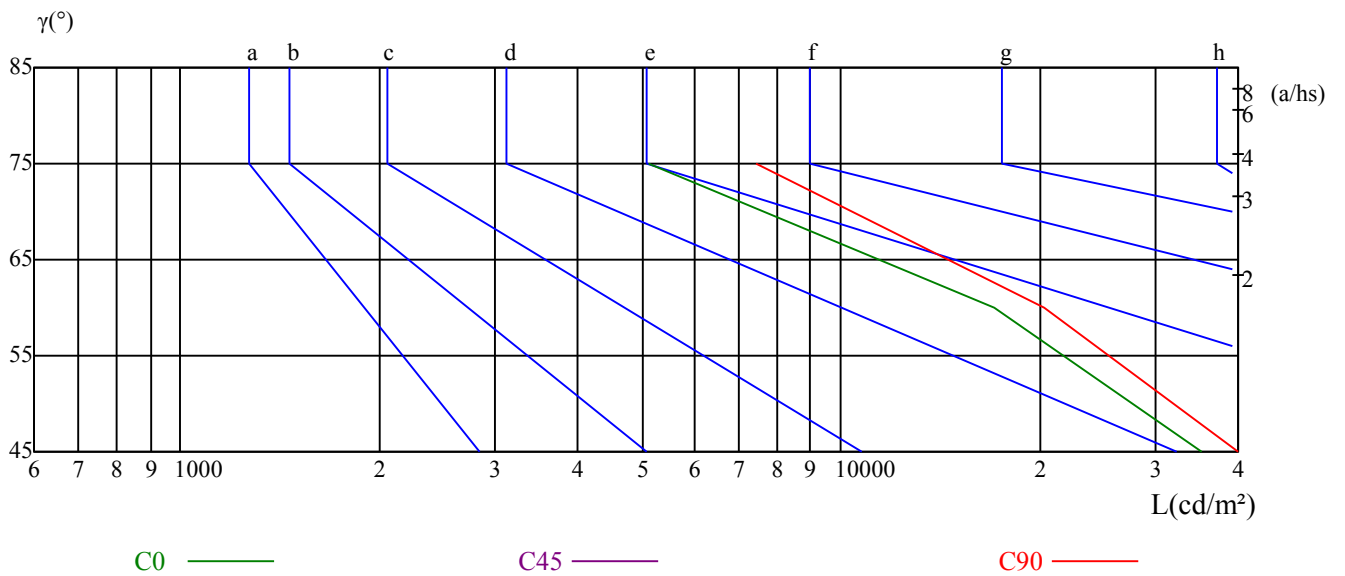
γ	45	50	55	60	65	70	75	80	85
C0	35185	0	0	17133	0	0	5116	0	0
C45	0	0	0	0	0	0	0	0	0
C90	40357	0	0	20379	0	0	7467	0	0

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	5461	5781	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	32329.96	31136.40	28386.02	24243.15	19598.63	14910.88	10793.95	7654.37	5379.68
30.0	33117.02	32554.84	30280.15	26457.29	21856.02	16943.39	12601.59	8925.77	6235.93
60.0	32918.09	32433.75	30202.31	26431.34	21856.02	16941.66	12598.13	8922.31	6286.96
90.0	32667.27	32494.29	30453.13	26993.53	22400.91	17496.93	13068.64	9384.17	6521.35
120.0	32580.78	32226.17	30150.41	26526.48	21890.62	17144.91	12792.74	9071.94	6304.26
150.0	32381.86	32113.74	30012.03	26526.48	22115.49	17263.40	12887.01	9116.05	6331.07
180.0	32329.96	31707.23	29354.71	25557.80	21043.02	16229.85	12022.97	8571.16	5944.46
210.0	33117.02	31854.27	28887.66	24632.35	19918.65	15262.89	11043.91	7730.48	5430.71
240.0	32918.09	31577.50	28584.95	24320.99	19641.88	14919.53	10923.69	7740.86	5388.33
270.0	32667.27	31006.67	27884.38	23499.33	18655.89	14141.98	10272.42	7170.02	5046.69
300.0	32580.78	31093.16	28005.46	23845.29	19045.10	14417.88	10508.54	7360.30	5180.75
330.0	32381.86	30876.93	27763.29	23585.82	18785.63	14282.96	10269.82	7184.72	5070.04
360.0	32329.96	31136.40	28386.02	24243.15	19598.63	14910.88	10793.95	7654.37	5379.68
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	3808.15	2756.44	2076.62	1600.07	1270.54	1016.26	806.09	650.40	524.99
30.0	4428.29	3233.86	2390.58	1828.40	1447.84	1160.70	947.93	775.82	630.51
60.0	4424.83	3186.29	2385.39	1840.51	1458.74	1181.89	960.90	780.57	639.68
90.0	4609.92	3292.67	2419.13	1852.62	1460.82	1161.56	924.58	753.33	613.21
120.0	4458.56	3189.75	2368.96	1721.93	1433.14	1146.68	934.52	755.32	616.41
150.0	4454.24	3215.70	2353.39	1794.67	1396.81	1112.26	896.90	722.19	583.81
180.0	4153.25	2997.74	2203.77	1697.11	1322.86	1048.78	825.81	656.20	525.08
210.0	3828.05	2795.36	2097.38	1618.92	1274.34	1024.73	821.91	662.08	537.62
240.0	3809.02	2778.06	2072.30	1606.12	1265.35	1015.39	810.41	649.54	524.13
270.0	3574.63	2593.84	1960.73	1535.37	1203.94	956.15	754.97	602.32	489.53
300.0	3715.61	2693.30	2018.68	1573.25	1243.73	1002.42	802.63	646.95	521.53
330.0	3634.31	2641.40	1997.05	1551.63	1227.90	993.08	801.24	642.02	522.92
360.0	3808.15	2756.44	2076.62	1600.07	1270.54	1016.26	806.09	650.40	524.99
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	438.50	343.19	277.55	221.59	166.49	121.43	80.18	42.90	14.70
30.0	509.43	436.77	335.67	264.23	204.55	149.89	102.49	58.21	26.03
60.0	526.21	423.46	336.88	266.99	206.37	150.23	101.71	62.10	27.85
90.0	495.59	406.42	330.13	270.71	206.80	152.14	110.53	62.62	30.01
120.0	500.86	402.70	321.05	253.50	195.12	145.48	98.86	58.29	27.50
150.0	471.37	385.23	309.81	244.85	187.94	139.25	97.21	54.75	27.07
180.0	421.38	340.25	276.94	220.55	170.04	126.19	84.76	48.69	20.24
210.0	436.86	345.87	276.25	216.40	165.37	115.64	77.41	39.44	16.61
240.0	439.37	343.62	271.58	213.20	159.92	112.61	73.34	41.08	15.40
270.0	399.06	320.01	256.79	203.08	153.00	105.17	67.20	34.34	10.81
300.0	439.37	336.10	265.26	207.23	153.95	107.42	67.89	36.59	13.41
330.0	422.42	335.15	265.09	210.43	157.93	107.77	72.82	33.82	12.37
360.0	438.50	343.19	277.55	221.59	166.49	121.43	80.18	42.90	14.70
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	1.56	1.30	0.86	0.26					
30.0	6.57	1.56	1.21	0.35					
60.0	7.01	1.64	1.21	0.52					
90.0	6.23	1.47	1.21	0.52					
120.0	7.35	1.73	1.21	0.52					
150.0	7.52	1.73	1.30	0.52					
180.0	4.24	1.47	1.04	0.35					
210.0	3.72	1.56	1.04	0.26					
240.0	3.20	1.47	1.04	0.26					
270.0	1.64	1.30	0.69	0.35					
300.0	1.99	1.38	0.78	0.17					
330.0	1.82	1.30	0.69	0.26					
360.0	1.56	1.30	0.86	0.26					