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ROLED

灯具名称: 投光灯
灯具描述: FWK2611C1.8-27-36DC(20-XPG-27WN-AJ.P1)
报告编号: 电压(V): 36.0000
测试编号: 20230313004 电流(A): 3.7400
光源规格型号: XPG 功率(W): 133.9000
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

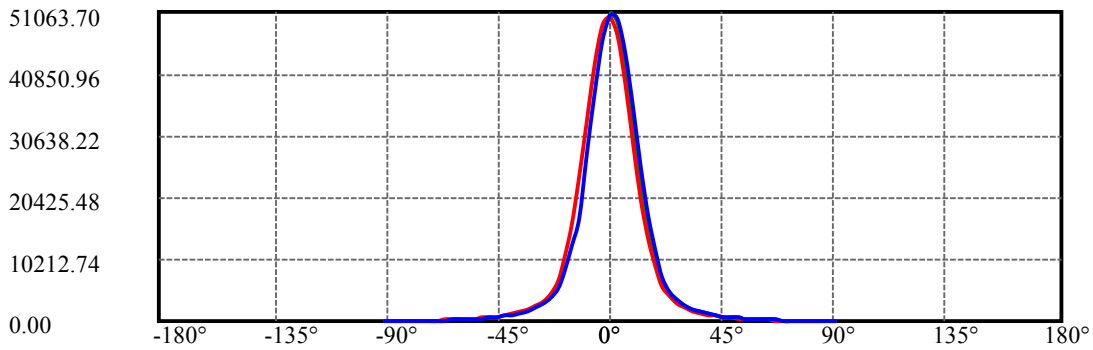
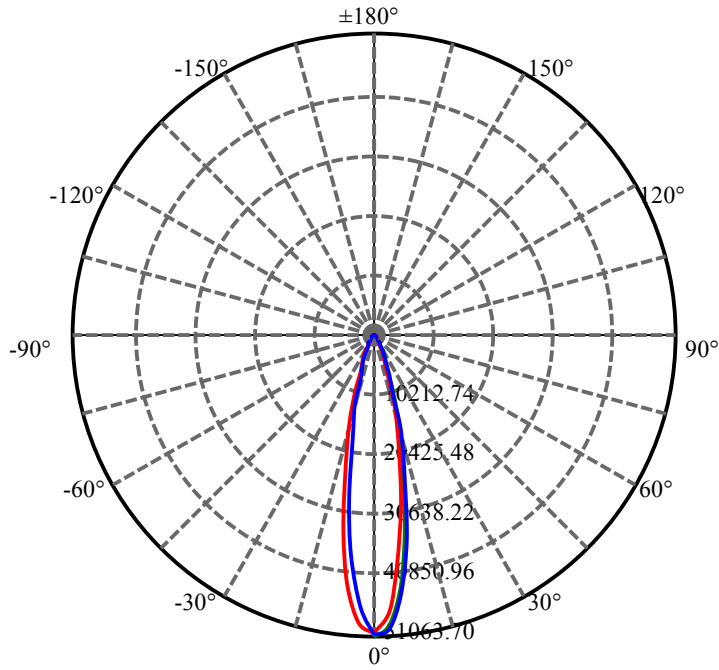
光度结果

灯具光通量(lm): 11870.43
灯具效能(lm/w): 88.65
中心光强(cd): 50484.220
最大光强(cd): 51063.700
最大光强角度: C=30.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=21.9
 [C90/270]Total=21.8
光束扩散角(10%Imax): [C0/180]Total=45.5
 [C90/270]Total=45.3

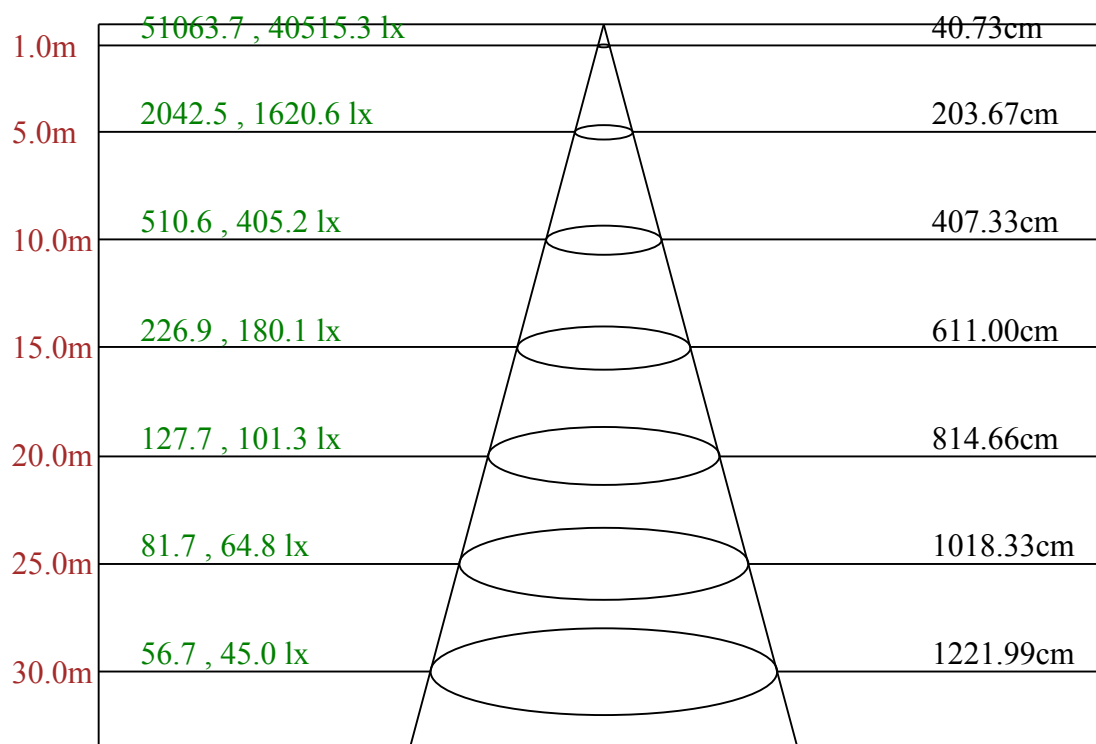
测试设备: GMS-1800
环境温度(°C): 25.0

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

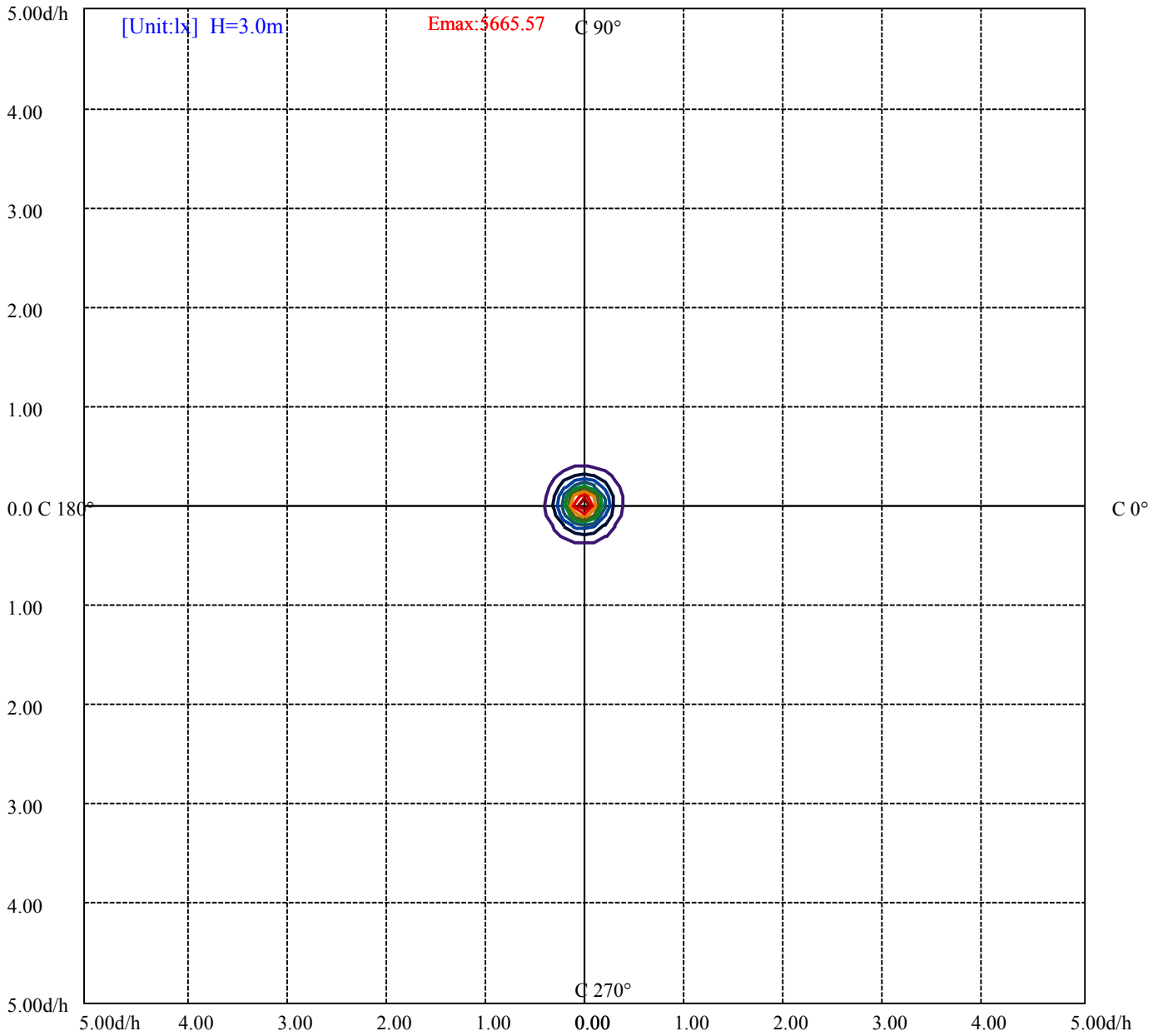


C30(Max): —
C0/C180: —
C90/C270: —



Max, Ave C30面光束角23.02

ROLED 投光灯
平面等照度曲线



- (10%Emax) 566.5566
- (20%Emax) 1133.111
- (30%Emax) 1699.667
- (40%Emax) 2266.222
- (50%Emax) 2832.778
- (60%Emax) 3399.333
- (70%Emax) 3965.9
- (80%Emax) 4532.456
- (90%Emax) 5099.011

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ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

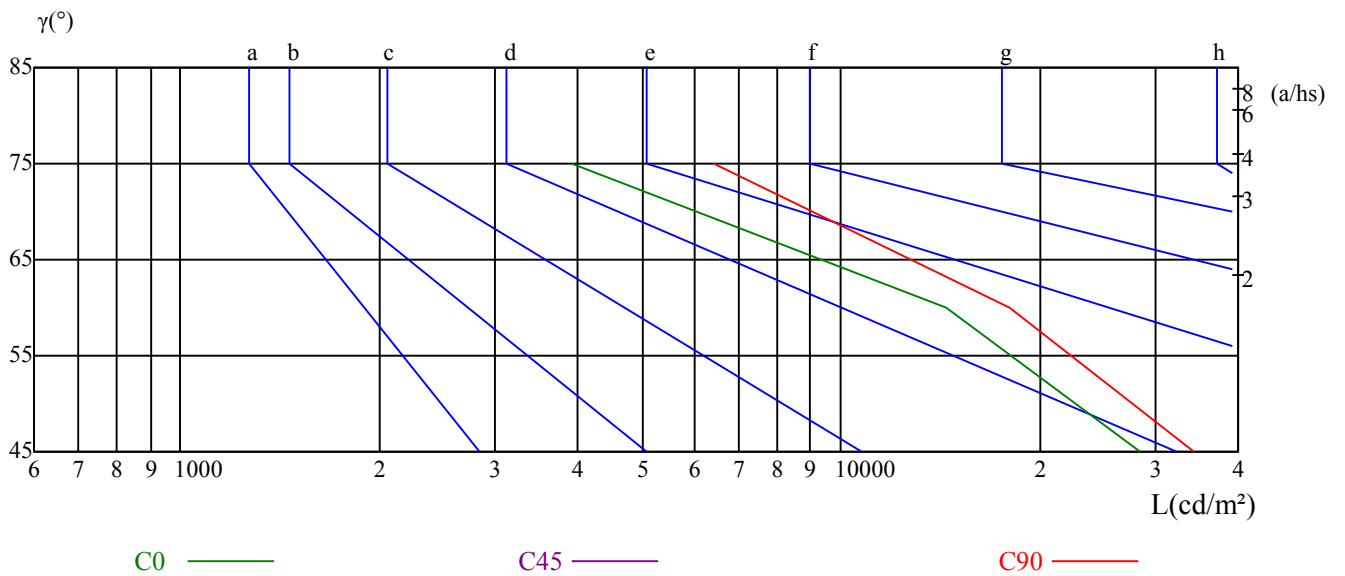
γ	45	50	55	60	65	70	75	80	85
C0	28427	0	0	14463	0	0	3919	0	0
C45	0	0	0	0	0	0	0	0	0
C90	34241	0	0	18083	0	0	6415	0	0

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	4621	4992	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	50484.21	46817.04	38877.26	29337.41	20134.87	13224.32	8527.91	5665.10	4139.41
30.0	51063.70	49204.16	42544.43	33030.53	23559.88	15715.23	10093.38	6659.73	4644.51
60.0	50916.66	49195.51	42873.09	33411.09	23655.02	15825.08	10339.01	6811.09	4725.81
90.0	50596.65	49870.13	44101.25	35236.03	25272.38	16986.64	11036.12	7195.97	4912.63
120.0	50648.54	49723.10	43807.19	34864.12	24961.01	16539.48	10780.98	7140.61	4871.12
150.0	50406.37	49705.80	44170.44	35426.30	25462.66	16848.25	10915.04	7092.18	4895.33
180.0	50484.21	48961.99	42544.43	33445.68	23957.73	15767.99	10101.17	6701.25	4577.92
210.0	51063.70	47673.29	40157.31	30582.86	20991.12	13506.28	8779.60	5840.67	4128.17
240.0	50916.66	47457.06	39577.82	29640.12	20550.02	13483.79	8674.95	5829.43	4393.69
270.0	50596.65	46263.50	37770.18	28040.06	17199.40	12222.77	7863.67	5347.68	3758.86
300.0	50648.54	46349.99	38280.47	28290.88	19434.30	12549.70	8207.90	5492.12	3878.21
330.0	50406.37	46004.03	37553.96	27590.31	17160.48	12218.44	7888.75	5312.22	3783.07
360.0	50484.21	46817.04	38877.26	29337.41	20134.87	13224.32	8527.91	5665.10	4139.41
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	2912.12	2163.11	1641.58	1286.11	1017.99	811.28	651.27	528.45	437.64
30.0	3341.97	2501.29	1911.43	1480.71	1168.48	941.01	771.49	635.70	518.94
60.0	3390.41	2514.26	1927.00	1506.05	1202.12	967.74	794.15	647.90	532.69
90.0	3548.68	2645.73	1997.05	1555.09	1225.56	978.20	784.46	640.89	532.78
120.0	3476.03	2596.43	1966.78	1546.96	1222.10	988.58	804.44	656.37	542.90
150.0	3535.71	2611.13	1972.84	1536.93	1210.00	975.61	789.65	648.68	528.45
180.0	3307.38	2467.56	1865.59	1450.96	1148.59	904.43	724.87	587.70	481.40
210.0	3034.93	2268.63	1713.71	1372.34	1089.34	886.35	720.89	588.82	487.03
240.0	2975.26	2219.33	1696.93	1336.27	1068.15	857.98	694.51	566.51	460.99
270.0	2772.00	2071.44	1604.65	1251.94	996.45	793.29	637.43	515.65	421.98
300.0	2820.44	2103.44	1622.55	1278.32	1013.66	814.74	659.92	534.51	439.37
330.0	2762.49	2082.68	1611.83	1257.31	998.44	810.41	651.70	528.54	433.23
360.0	2912.12	2163.11	1641.58	1286.11	1017.99	811.28	651.27	528.45	437.64
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	348.47	285.85	234.30	184.57	137.87	97.82	61.84	32.87	11.85
30.0	437.64	351.41	283.51	222.71	169.00	120.74	82.25	45.32	19.98
60.0	441.96	361.87	290.61	231.10	177.39	124.46	83.20	50.16	21.54
90.0	437.64	357.72	292.94	240.87	182.32	134.92	93.50	53.80	24.56
120.0	449.92	366.11	291.64	231.53	177.05	131.03	89.86	52.41	24.22
150.0	438.50	359.71	293.81	230.41	177.56	128.70	88.65	51.81	25.69
180.0	392.49	320.27	264.14	212.07	161.22	117.28	79.74	44.63	19.03
210.0	401.83	323.30	257.05	204.46	154.64	107.42	72.65	36.93	15.57
240.0	382.11	312.14	252.38	196.51	148.33	103.18	66.86	37.19	13.32
270.0	349.33	283.43	231.27	183.10	137.61	93.58	60.37	29.93	9.86
300.0	359.80	292.08	229.03	178.86	133.80	92.72	58.99	31.48	11.59
330.0	353.57	283.34	224.36	178.52	130.34	87.79	59.25	27.68	9.95
360.0	348.47	285.85	234.30	184.57	137.87	97.82	61.84	32.87	11.85
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	1.47	1.21	0.86	0.35					
30.0	5.28	1.47	0.95	0.26					
60.0	5.36	1.38	1.04	0.43					
90.0	5.28	1.21	1.04	0.52					
120.0	6.31	1.47	1.21	0.52					
150.0	6.57	1.47	1.21	0.52					
180.0	3.81	1.21	1.04	0.43					
210.0	3.29	1.30	0.86	0.26					
240.0	2.59	1.30	0.86	0.26					
270.0	1.38	1.21	0.69	0.26					
300.0	1.82	1.21	0.69	0.26					
330.0	1.64	1.38	0.69	0.26					
360.0	1.47	1.21	0.86	0.35					