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ROLED

灯具名称: 投光灯
灯具描述: FWK2611C1.8-27-36DC(10-XPG-27WN-AJ.P1)
报告编号: 电压(V): 36.0000
测试编号: 20230313002 电流(A): 3.7360
光源规格型号: XPG 功率(W): 134.5000
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

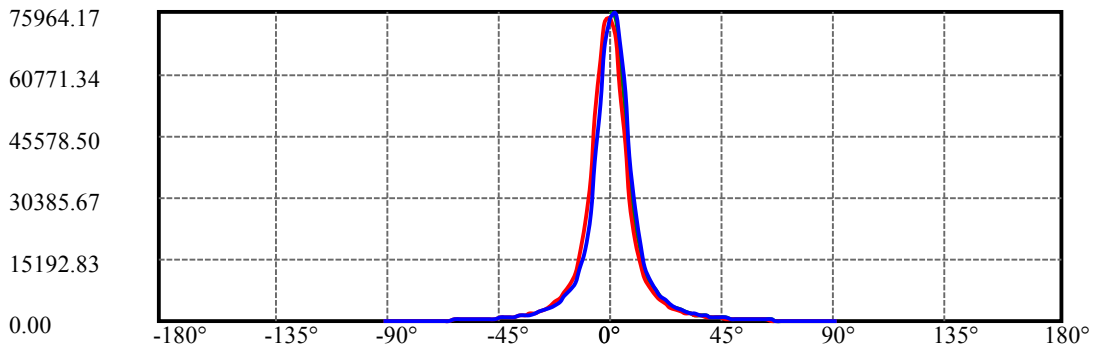
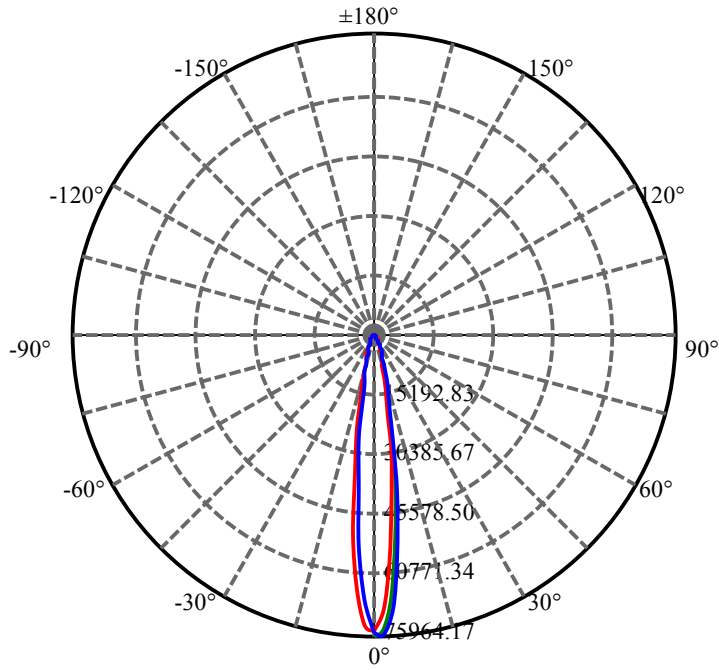
光度结果

灯具光通量(lm): 10761.11
灯具效能(lm/w): 80.01
中心光强(cd): 74580.330
最大光强(cd): 75964.170
最大光强角度: C=30.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=14.7
 [C90/270]Total=14.8
光束扩散角(10%Imax): [C0/180]Total=34.0
 [C90/270]Total=34.3

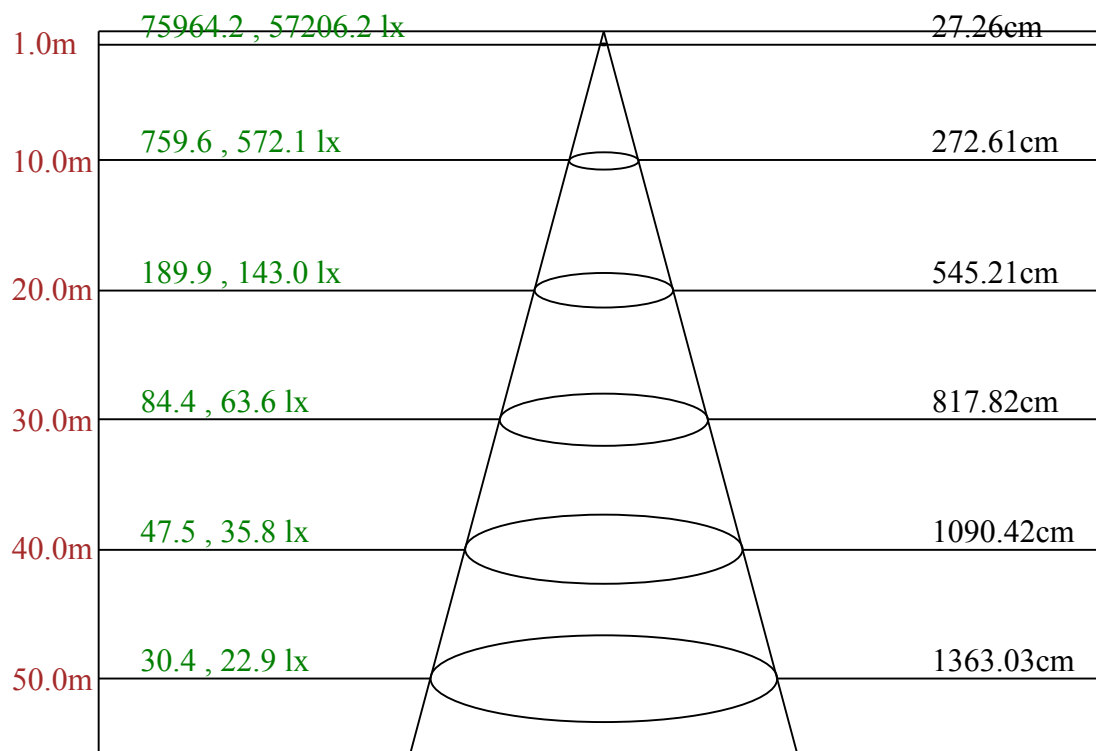
测试设备: GMS-1800
环境温度(°C): 25.0

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

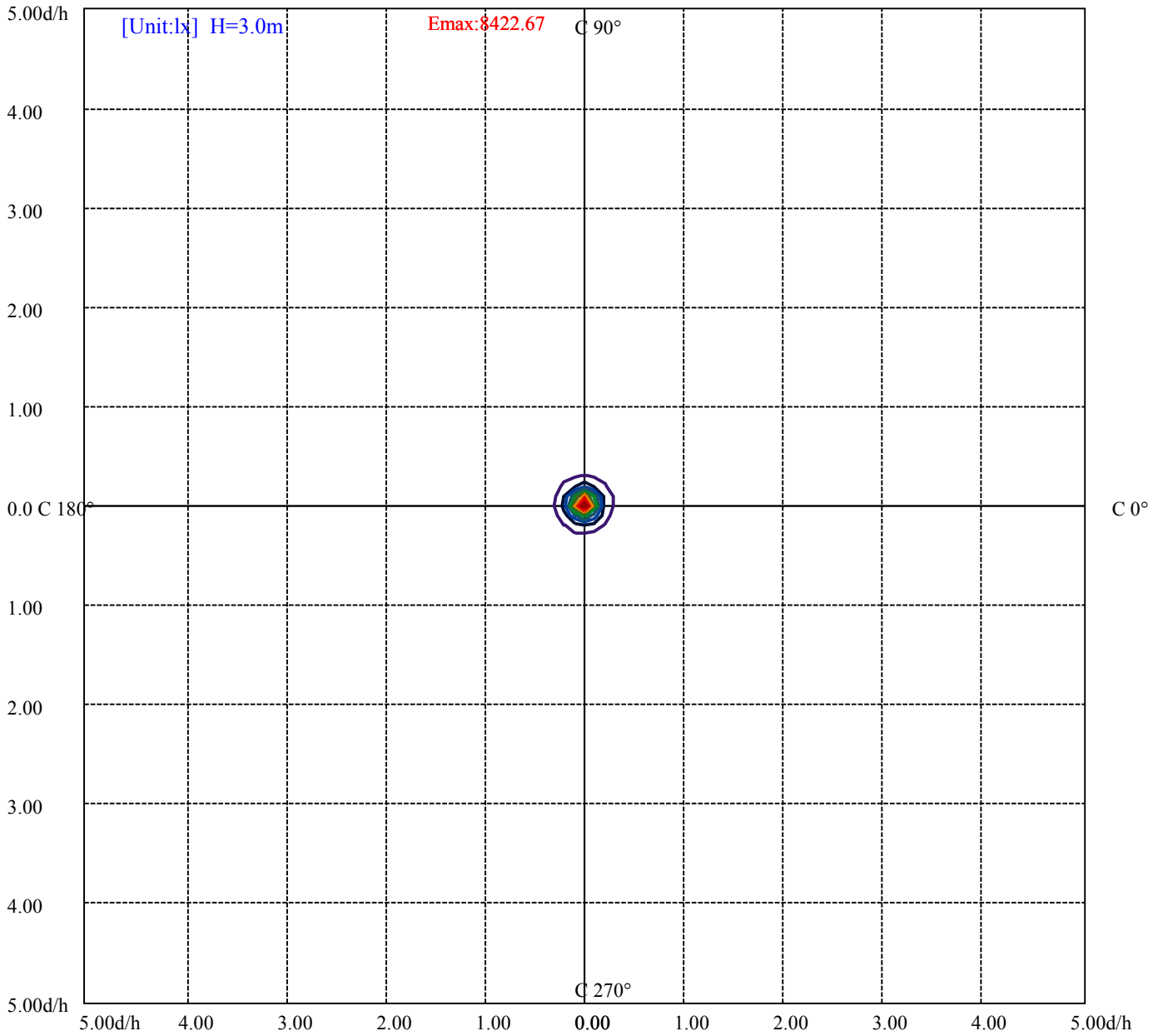


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角15.52

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平面等照度曲线



(10%Emax) 842.2667	——
(20%Emax) 1684.533	——
(30%Emax) 2526.8	——
(40%Emax) 3369.067	——
(50%Emax) 4211.333	——
(60%Emax) 5053.6	——
(70%Emax) 5895.867	——
(80%Emax) 6738.133	——
(90%Emax) 7580.4	——

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

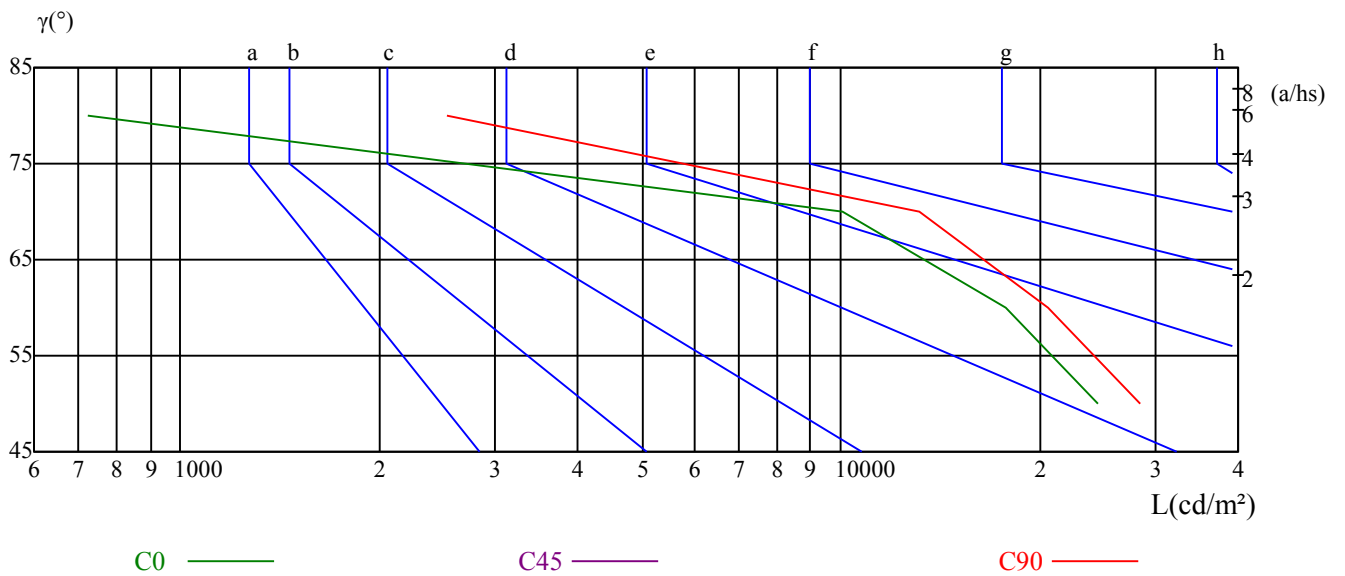
γ	45	50	55	60	65	70	75	80	85
C0	0	24585	0	17843	0	10068	0	723	0
C45	0	0	0	0	0	0	0	0	0
C90	0	28489	0	20560	0	13128	0	2536	0

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)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	74580.33	69209.30	57273.68	43193.11	29579.58	20013.79	13665.42	10240.42	7887.89
30.0	75964.17	74225.72	65801.59	51115.59	36957.18	24736.14	17081.78	12272.93	9297.68
60.0	75644.15	74424.65	65248.06	52214.01	37069.61	25263.73	17080.05	12202.01	9359.08
90.0	74761.96	75358.74	68716.31	55941.73	40797.33	27927.62	18595.35	13051.34	9859.86
120.0	74857.10	74787.90	67220.03	54064.90	39586.47	26414.05	17041.99	12672.51	9483.63
150.0	74199.77	74632.22	68188.72	54739.52	40451.37	27123.26	18422.37	12947.55	9634.99
180.0	74580.33	72945.67	64115.04	50415.02	35547.39	24078.82	16234.17	11786.86	8902.42
210.0	75964.17	70653.68	58648.87	43720.70	30349.34	20178.12	14064.14	10392.64	8179.36
240.0	75644.15	69728.24	58043.44	42942.29	29285.51	19832.16	13656.77	10318.26	8000.33
270.0	74761.96	66969.21	53468.12	39162.67	26223.77	17227.08	12690.68	9538.98	7490.03
300.0	74857.10	68188.72	55163.32	40122.71	27676.80	18439.67	13034.04	9790.67	7723.56
330.0	74199.77	67021.10	53805.43	38955.10	26690.81	17198.54	12653.49	9488.82	7522.04
360.0	74580.33	69209.30	57273.68	43193.11	29579.58	20013.79	13665.42	10240.42	7887.89
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	6296.47	5128.86	4376.39	3418.08	2811.79	2320.53	1948.62	1664.07	1415.84
30.0	7412.19	5967.81	4826.14	3939.62	3264.13	2690.70	2262.58	1907.10	1623.42
60.0	7387.11	5932.35	4804.52	3962.11	3246.83	2702.81	2256.52	1902.78	1629.04
90.0	7688.96	6158.09	4973.18	4402.34	3353.22	2789.30	2317.93	1948.62	1667.53
120.0	7458.03	6037.00	4878.90	3978.54	3285.76	2699.35	2245.28	1901.92	1622.55
150.0	7611.12	6088.90	4903.98	3988.05	3287.48	2698.49	2255.66	1889.81	1600.07
180.0	7018.66	5620.12	4580.51	3725.99	3041.85	2525.51	2100.84	1712.76	1500.86
210.0	6549.02	5330.38	4317.58	3528.79	2913.85	2405.29	2015.22	1705.41	1466.96
240.0	6478.10	5241.29	4385.04	3495.93	2871.47	2360.31	1977.16	1684.83	1428.81
270.0	6083.71	4910.04	3986.32	3297.00	2700.22	2239.23	1879.43	1608.20	1374.76
300.0	6192.68	5076.96	4385.04	3358.41	2759.03	2294.58	1920.08	1624.28	1393.35
330.0	6043.06	4926.47	3994.11	3269.32	2703.68	2239.23	1881.16	1596.00	1378.39
360.0	6296.47	5128.86	4376.39	3418.08	2811.79	2320.53	1948.62	1664.07	1415.84
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1222.97	1070.75	932.36	821.66	724.79	643.49	572.56	512.02	455.80
30.0	1397.68	1225.56	1075.94	950.53	849.33	754.19	674.62	606.29	541.43
60.0	1416.53	1234.04	1083.89	965.92	857.63	761.63	678.34	609.84	546.44
90.0	1431.41	1243.73	1085.45	958.31	842.41	747.27	664.24	593.32	525.86
120.0	1395.17	1218.73	1066.16	942.48	842.07	748.57	666.84	596.00	536.15
150.0	1379.52	1184.91	1041.34	917.66	817.33	727.38	647.81	581.21	518.08
180.0	1295.19	1117.71	979.24	858.07	755.23	668.05	596.52	529.84	471.20
210.0	1266.21	1107.33	973.19	865.25	768.29	689.84	617.97	552.33	499.13
240.0	1242.86	1081.99	948.80	843.28	754.19	672.03	601.11	539.70	479.15
270.0	1198.23	1040.73	914.72	814.48	718.73	636.65	566.77	507.00	452.43
300.0	1204.81	1060.37	925.44	826.84	736.89	656.46	589.00	527.59	472.24
330.0	1195.55	1049.12	924.15	819.58	724.61	649.11	580.95	519.20	466.87
360.0	1222.97	1070.75	932.36	821.66	724.79	643.49	572.56	512.02	455.80
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	407.37	363.00	325.55	289.05	252.20	215.36	177.74	142.79	111.57
30.0	480.88	437.64	381.85	335.24	292.42	249.70	208.01	168.74	136.14
60.0	490.14	434.09	381.51	337.14	293.81	252.72	212.33	173.84	135.53
90.0	468.78	418.87	372.60	333.07	298.82	262.32	217.52	175.75	145.48
120.0	478.55	424.67	377.01	330.22	286.80	246.15	208.44	171.51	137.43
150.0	460.99	412.64	367.84	324.16	284.21	243.56	204.38	166.06	135.01
180.0	421.98	374.67	335.49	299.26	263.88	228.59	193.65	158.02	125.93
210.0	446.89	396.04	347.00	302.63	259.21	222.54	186.21	149.37	114.95
240.0	437.64	383.32	340.51	299.08	260.08	219.17	180.76	143.75	111.14
270.0	408.06	362.74	320.70	282.91	244.94	211.04	174.10	136.74	106.82
300.0	438.50	374.16	325.81	285.42	246.84	207.32	171.60	134.75	103.18
330.0	413.94	365.42	319.41	279.54	241.83	204.64	168.40	129.30	100.07
360.0	407.37	363.00	325.55	289.05	252.20	215.36	177.74	142.79	111.57

ROLED 投光灯

光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	82.77	55.18	32.52	15.40	4.07	1.47	1.30	1.04	0.61
30.0	103.36	71.18	49.73	25.86	11.94	2.85	1.73	1.30	0.95
60.0	103.27	76.89	46.19	27.76	11.50	3.37	1.73	1.38	0.95
90.0	112.87	80.09	52.85	31.05	14.27	2.94	1.56	1.30	0.95
120.0	105.34	77.41	48.52	30.10	13.41	4.50	1.82	1.56	1.21
150.0	105.52	73.00	50.16	30.36	15.05	4.67	1.90	1.56	1.12
180.0	97.13	67.55	43.07	23.35	9.25	1.90	1.47	1.38	1.04
210.0	87.53	60.80	34.60	20.84	7.44	2.08	1.64	1.30	0.86
240.0	83.64	56.82	37.19	17.21	6.40	1.90	1.64	1.30	0.78
270.0	79.83	51.38	29.06	12.45	3.11	1.56	1.47	1.12	0.61
300.0	75.59	51.63	29.58	15.48	4.24	1.90	1.56	1.04	0.52
330.0	77.58	46.70	28.37	13.15	3.98	1.73	1.47	1.04	0.43
360.0	82.77	55.18	32.52	15.40	4.07	1.47	1.30	1.04	0.61
C/γ(°)	90.0								
0.0	0.35								
30.0	0.26								
60.0	0.43								
90.0	0.52								
120.0	0.52								
150.0	0.61								
180.0	0.43								
210.0	0.26								
240.0	0.35								
270.0	0.26								
300.0	0.26								
330.0	0.35								
360.0	0.35								