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ROLED

灯具名称: 投光灯
灯具描述: FWK2611C1.8-27-36DC(15-XPG-27WN-AJ.P1)
报告编号: 电压(V): 36.0000
测试编号: 20230313003 电流(A): 3.7410
光源规格型号: XPG 功率(W): 134.7000
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

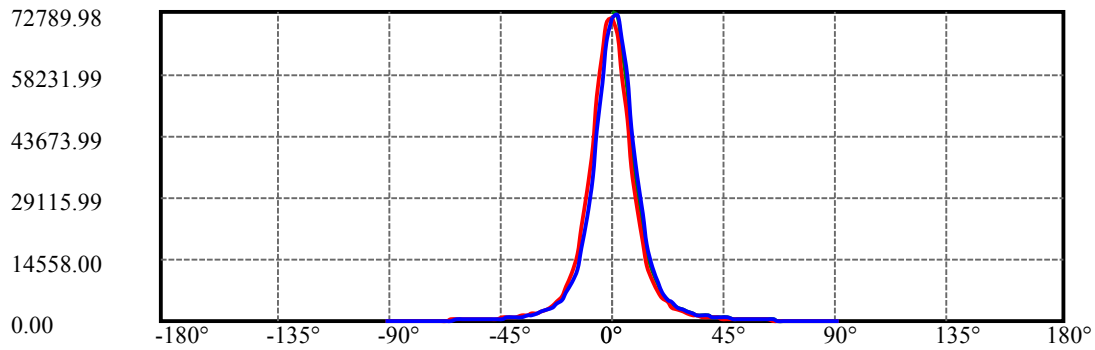
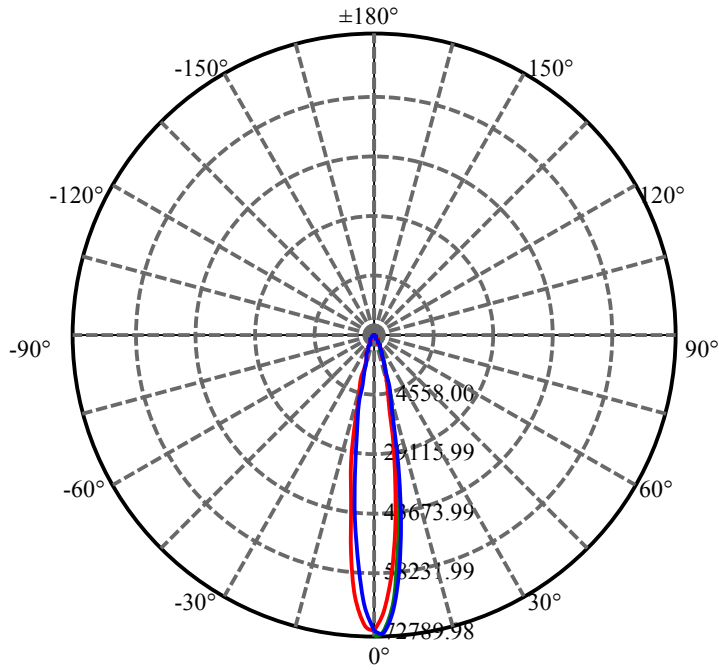
光度结果

灯具光通量(lm): 11736.67
灯具效能(lm/w): 87.13
中心光强(cd): 71276.410
最大光强(cd): 72789.980
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=17.2
 [C90/270]Total=17.5
光束扩散角(10%Imax): [C0/180]Total=36.8
 [C90/270]Total=37.2

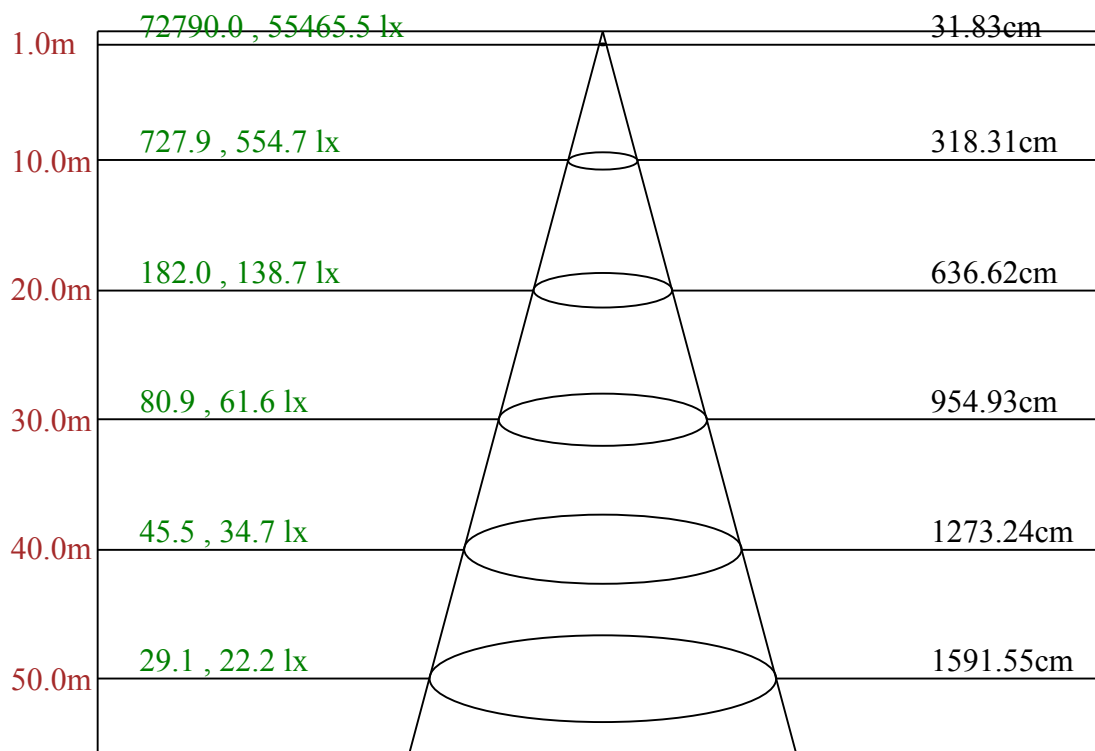
测试设备: GMS-1800
环境温度(°C): 25.0

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

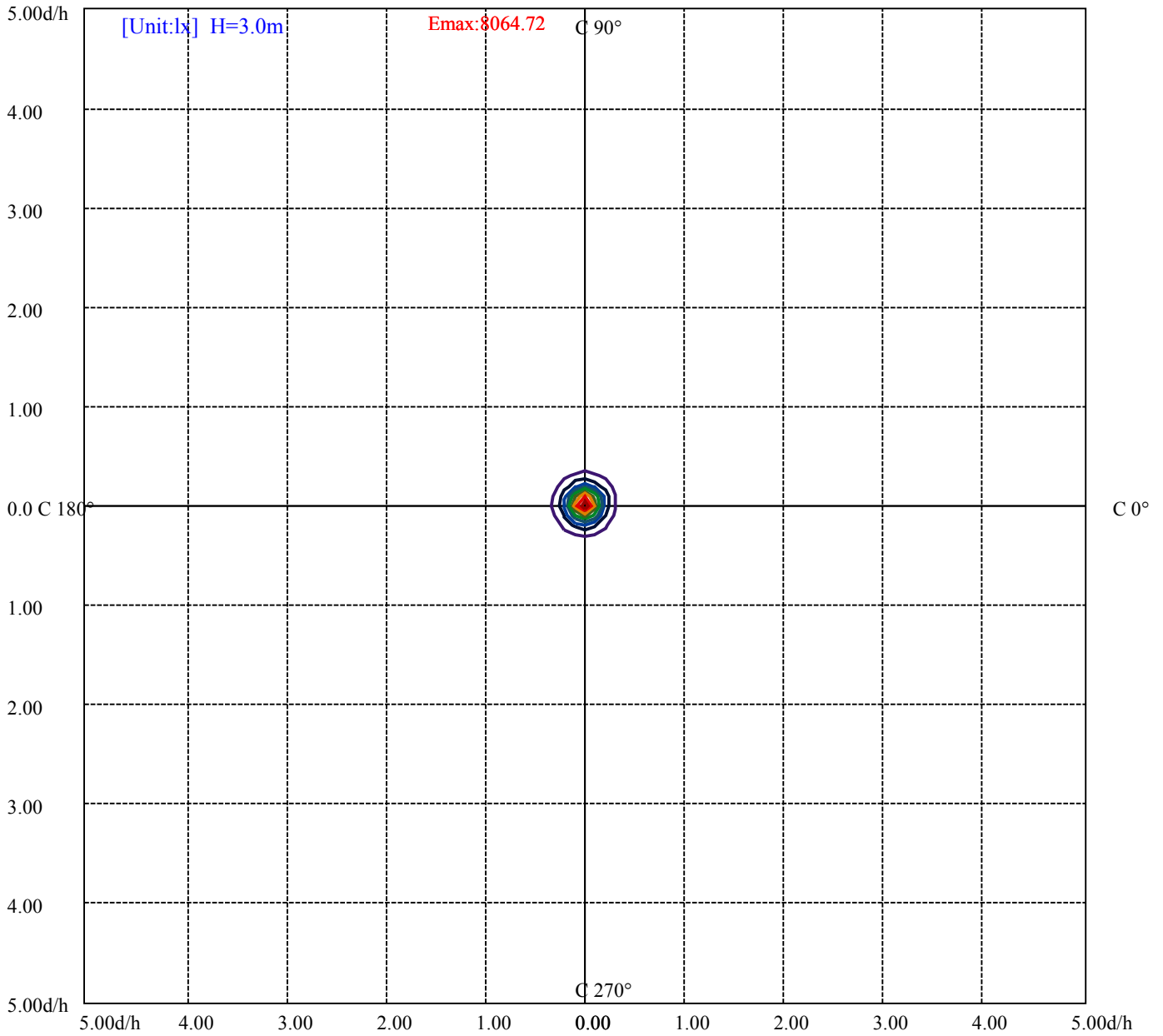


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角18.08

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平面等照度曲线



- (10%Emax) 806.47
- (20%Emax) 1612.944
- (30%Emax) 2419.411
- (40%Emax) 3225.878
- (50%Emax) 4032.345
- (60%Emax) 4838.822
- (70%Emax) 5645.289
- (80%Emax) 6451.756
- (90%Emax) 7258.222

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

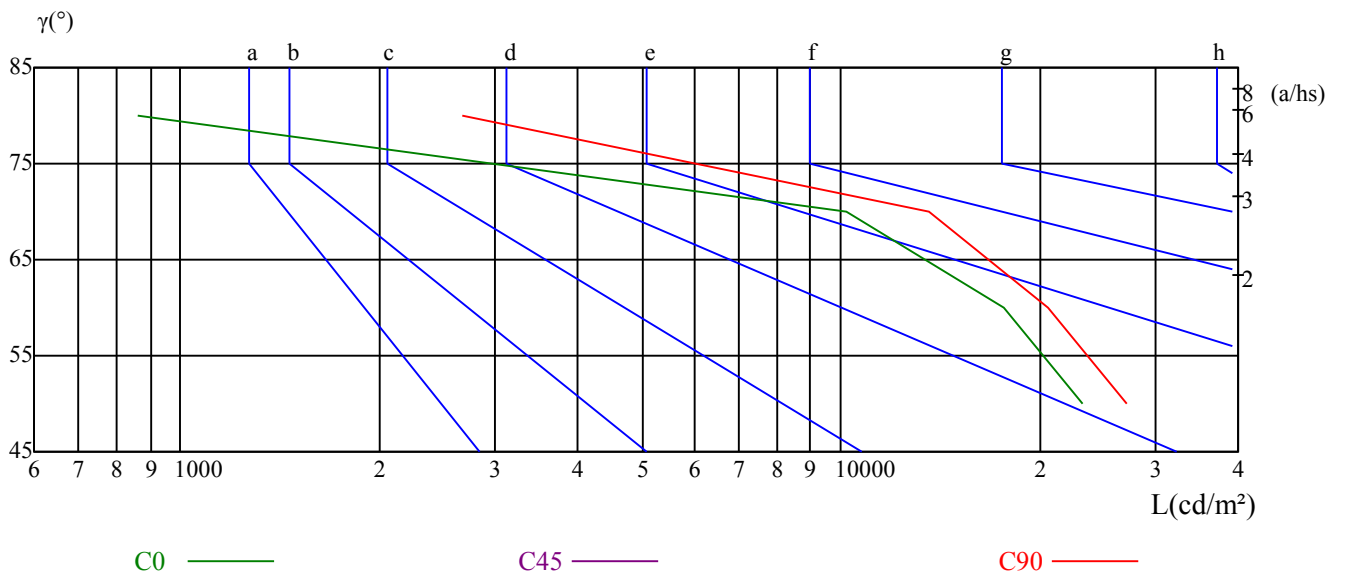
γ	45	50	55	60	65	70	75	80	85
C0	0	23215	0	17704	0	10201	0	861	0
C45	0	0	0	0	0	0	0	0	0
C90	0	27160	0	20678	0	13604	0	2675	0

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)

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	71276.41	67029.75	57931.00	47310.03	36005.79	26465.94	18465.62	13319.46	9496.60
30.0	72789.98	71215.87	64616.68	54142.74	42604.97	31603.45	23049.59	16389.86	11892.38
60.0	72374.83	71060.18	64633.98	54454.10	42812.55	32295.37	23283.11	16467.70	11741.88
90.0	71561.83	71847.24	66372.43	57195.84	45779.16	34388.42	25185.89	17877.48	12869.71
120.0	71665.61	71354.25	65637.26	55812.00	44161.79	32883.50	24052.87	16918.31	12183.85
150.0	71008.29	71311.01	65792.94	56002.28	45061.29	33679.21	24148.01	17367.19	12264.28
180.0	71276.41	70022.30	63198.24	52914.58	41255.73	30868.28	22037.65	15715.23	11098.40
210.0	72789.98	68491.43	59937.57	48728.47	37000.42	27253.00	16974.53	13596.23	9902.24
240.0	72374.83	67963.84	58778.60	48010.60	36593.92	26872.44	19045.10	13492.44	9617.69
270.0	71561.83	65637.26	56140.66	44680.73	33947.33	24329.64	17195.94	12371.53	8891.17
300.0	71665.61	66303.23	57031.51	45519.69	34872.77	25056.15	17756.40	12636.19	9211.19
330.0	71008.29	65438.33	55466.04	44585.60	33367.84	23923.13	16932.15	12209.79	8812.47
360.0	71276.41	67029.75	57931.00	47310.03	36005.79	26465.94	18465.62	13319.46	9496.60
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	6988.39	5345.08	4385.04	3282.30	2633.62	2144.09	1788.61	1523.09	1296.49
30.0	8640.35	6426.21	4912.63	3898.10	3098.94	2512.53	2095.65	1760.94	1511.85
60.0	8693.11	6453.02	4992.20	3914.54	3109.32	2519.45	2106.90	1716.57	1513.14
90.0	9116.05	6841.36	5180.75	4393.69	3229.54	2605.94	2164.84	1809.37	1536.06
120.0	8718.19	6545.56	4984.42	3945.67	3129.21	2523.78	2100.84	1719.51	1497.40
150.0	8977.66	6633.78	5033.72	3918.86	3138.72	2524.64	2069.71	1741.91	1471.19
180.0	8054.81	5964.35	4607.32	3612.69	2865.41	2340.42	1932.19	1623.85	1384.01
210.0	7296.30	5471.36	4282.12	3383.49	2697.62	2205.50	1853.48	1564.69	1344.31
240.0	7092.18	5431.57	4410.99	3341.97	2678.60	2199.44	1811.10	1538.66	1305.13
270.0	6588.81	4981.82	3924.05	3105.86	2518.59	2064.52	1716.74	1459.09	1258.17
300.0	6815.41	5189.40	4393.69	3207.05	2577.40	2098.25	1760.07	1485.90	1275.73
330.0	6545.56	5030.26	3910.21	3128.34	2509.94	2058.46	1714.84	1471.80	1258.95
360.0	6988.39	5345.08	4385.04	3282.30	2633.62	2144.09	1788.61	1523.09	1296.49
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	1121.78	982.53	855.39	755.06	668.57	597.65	536.24	483.48	436.77
30.0	1301.67	1133.02	994.64	886.52	792.25	710.08	642.62	579.48	521.53
60.0	1315.69	1145.39	1012.02	893.79	802.89	719.08	649.54	584.67	528.63
90.0	1319.84	1154.64	1009.34	894.31	790.52	704.03	629.65	565.64	509.43
120.0	1288.27	1126.53	986.59	878.65	783.77	702.99	631.64	571.79	515.83
150.0	1260.16	1090.64	959.17	844.14	749.87	673.76	604.57	544.89	486.07
180.0	1186.21	1023.96	896.21	785.59	692.96	615.20	552.07	493.51	442.66
210.0	1161.65	1007.78	892.75	794.84	709.39	637.60	577.49	520.06	472.24
240.0	1126.96	987.72	865.76	774.09	690.19	619.27	556.13	502.51	452.34
270.0	1088.91	944.21	835.32	740.96	661.30	585.36	527.76	473.88	428.21
300.0	1103.61	963.50	846.74	754.19	679.81	607.16	550.94	496.45	448.02
330.0	1091.16	957.44	844.66	751.77	669.17	603.53	542.81	492.73	445.60
360.0	1121.78	982.53	855.39	755.06	668.57	597.65	536.24	483.48	436.77
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	393.44	354.09	320.01	286.80	251.17	216.66	178.60	143.40	113.04
30.0	469.64	436.77	384.10	344.14	300.29	257.65	219.08	176.79	141.58
60.0	479.93	430.29	383.67	340.94	301.59	260.94	221.85	181.11	141.41
90.0	456.67	413.68	372.43	334.98	303.23	267.95	222.80	181.46	150.75
120.0	465.06	420.25	375.63	332.99	290.95	253.07	213.37	175.83	141.93
150.0	437.64	396.99	358.93	320.96	281.35	244.85	206.80	169.69	135.62
180.0	400.62	360.06	325.46	291.47	260.08	226.26	191.75	157.24	125.50
210.0	429.86	382.03	338.69	297.01	258.69	223.32	186.39	149.89	114.08
240.0	410.65	371.22	331.17	292.51	252.90	215.10	178.26	144.09	110.10
270.0	390.68	350.80	314.13	278.41	239.84	207.40	171.94	132.68	103.36
300.0	405.64	365.42	322.43	282.04	246.32	207.40	172.29	133.80	103.96
330.0	400.79	356.60	316.21	276.16	239.40	205.76	168.74	129.91	100.50
360.0	393.44	354.09	320.01	286.80	251.17	216.66	178.60	143.40	113.04

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	84.24	56.05	34.34	16.26	4.84	1.47	1.30	1.04	0.61
30.0	107.85	75.94	51.03	28.02	13.15	3.37	1.73	1.38	0.95
60.0	107.33	78.45	49.47	28.89	13.15	3.89	1.64	1.38	0.95
90.0	116.50	83.81	55.35	32.00	15.05	3.46	1.56	1.30	1.12
120.0	108.46	79.31	49.90	30.70	13.92	4.58	1.82	1.47	1.12
150.0	106.82	74.29	51.46	30.79	14.70	4.93	1.82	1.56	1.12
180.0	96.96	68.93	42.99	23.09	9.25	1.82	1.47	1.38	0.95
210.0	88.65	60.54	34.51	19.55	7.01	1.90	1.64	1.21	0.78
240.0	82.77	55.96	35.20	16.78	5.62	1.90	1.56	1.21	0.61
270.0	76.63	50.60	28.89	11.59	2.51	1.47	1.30	1.04	0.52
300.0	76.20	52.50	29.58	15.14	4.24	1.82	1.38	1.12	0.52
330.0	77.58	47.05	28.37	13.15	3.98	1.73	1.38	1.04	0.52
360.0	84.24	56.05	34.34	16.26	4.84	1.47	1.30	1.04	0.61
C/γ(°)	90.0								
0.0	0.17								
30.0	0.43								
60.0	0.43								
90.0	0.69								
120.0	0.61								
150.0	0.61								
180.0	0.52								
210.0	0.26								
240.0	0.26								
270.0	0.26								
300.0	0.26								
330.0	0.35								
360.0	0.17								