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ROLED

灯具名称: 投光灯
灯具描述: FWK2611C1.8-27-36DC(60-XPG-27WN-AJ.P1)
报告编号: 电压(V): 36.0000
测试编号: 20230313007 电流(A): 3.7420
光源规格型号: XPG 功率(W): 134.2000
每个光源光通量(lm) 功率因数: 1.0200
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

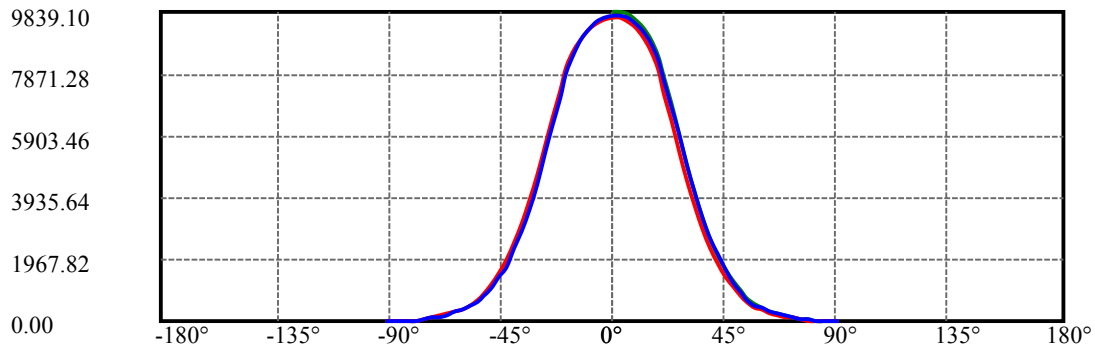
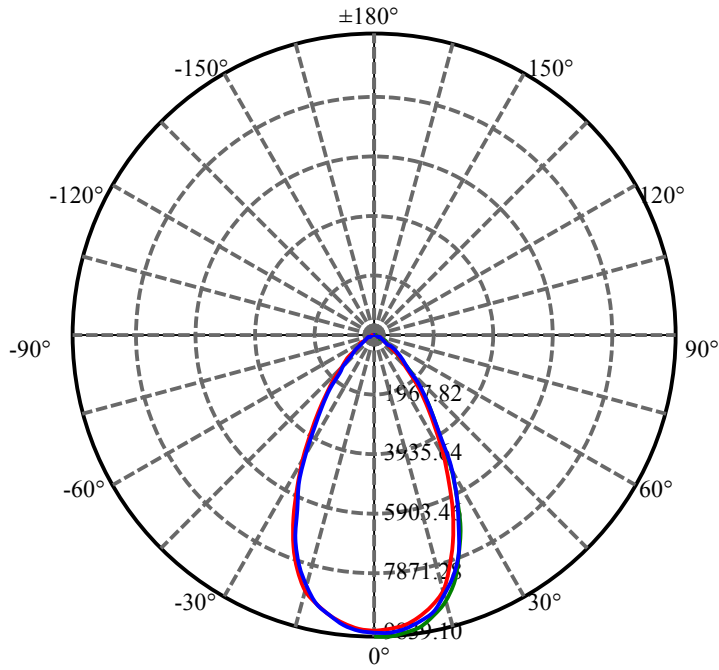
光度结果

灯具光通量(lm): 10307.65
灯具效能(lm/w): 76.81
中心光强(cd): 9666.123
最大光强(cd): 9839.104
最大光强角度: $C=30.0 \gamma=3.0$
半峰边角(50%Imax): [C0/180]Total=58.3
[C90/270]Total=58.7
光束扩散角(10%Imax): [C0/180]Total=99.1
[C90/270]Total=99.5

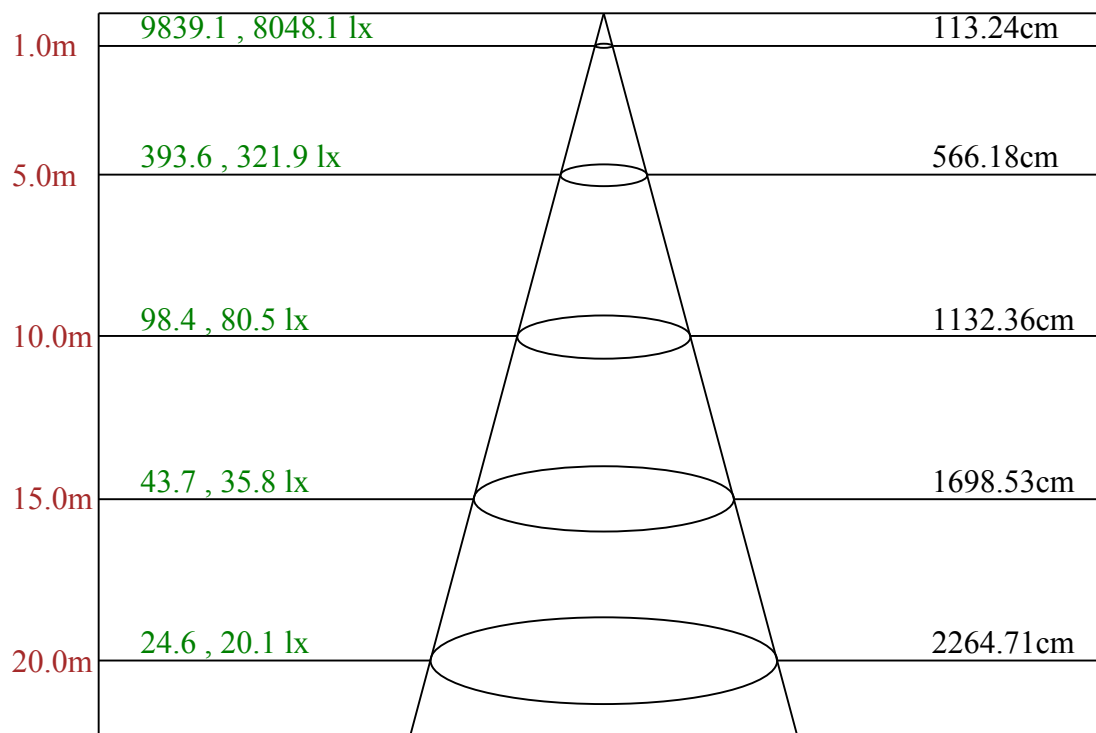
测试设备: GMS-1800
环境温度(°C): 25.0

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

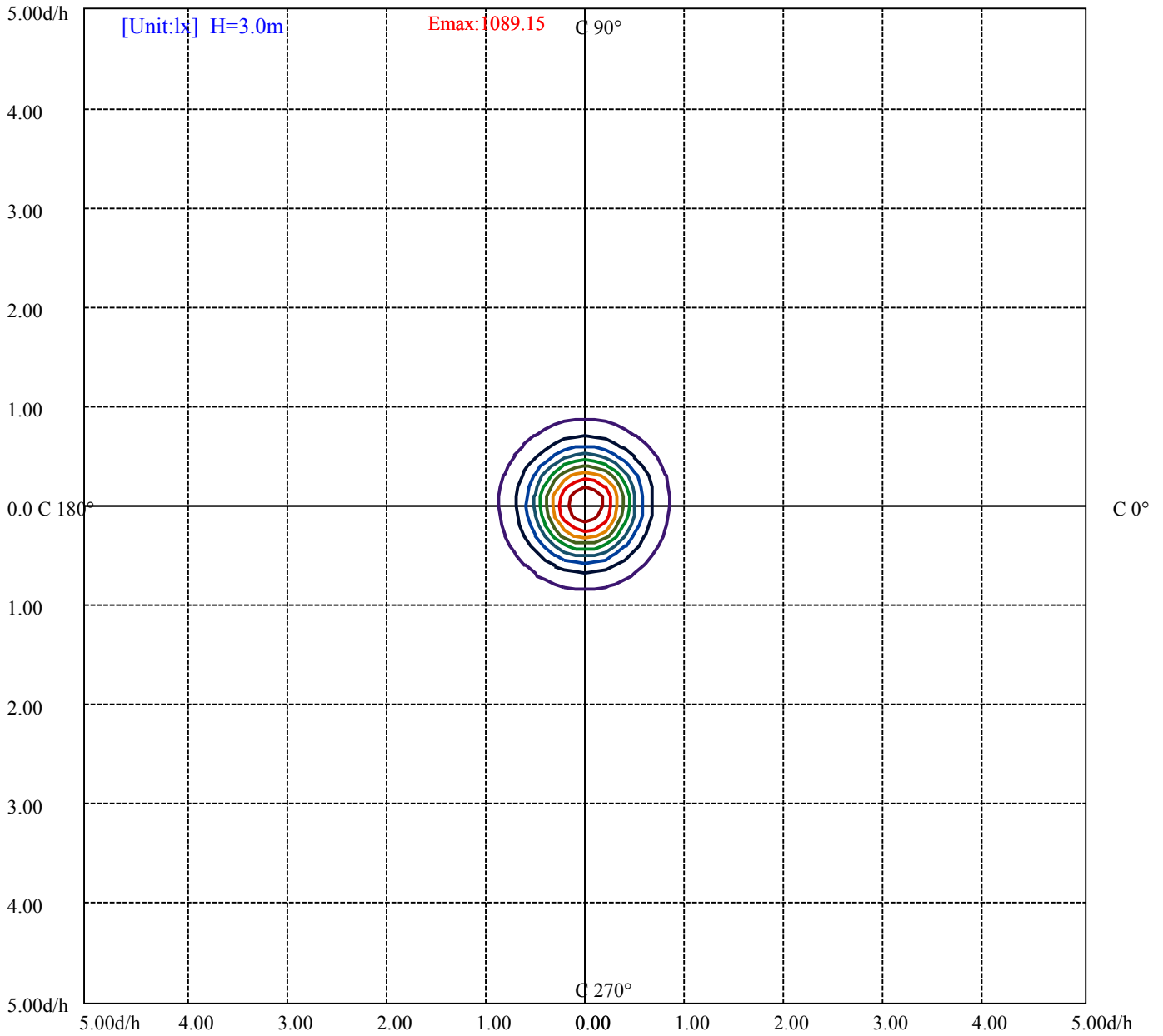


C30(Max): —
C0/C180: —
C90/C270: —



Max , Ave C30面光束角59.02

ROLED 投光灯
平面等照度曲线



- (10%E_{max}) 108.9149
- (20%E_{max}) 217.83
- (30%E_{max}) 326.7444
- (40%E_{max}) 435.66
- (50%E_{max}) 544.5745
- (60%E_{max}) 653.4889
- (70%E_{max}) 762.4045
- (80%E_{max}) 871.3189
- (90%E_{max}) 980.2345

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

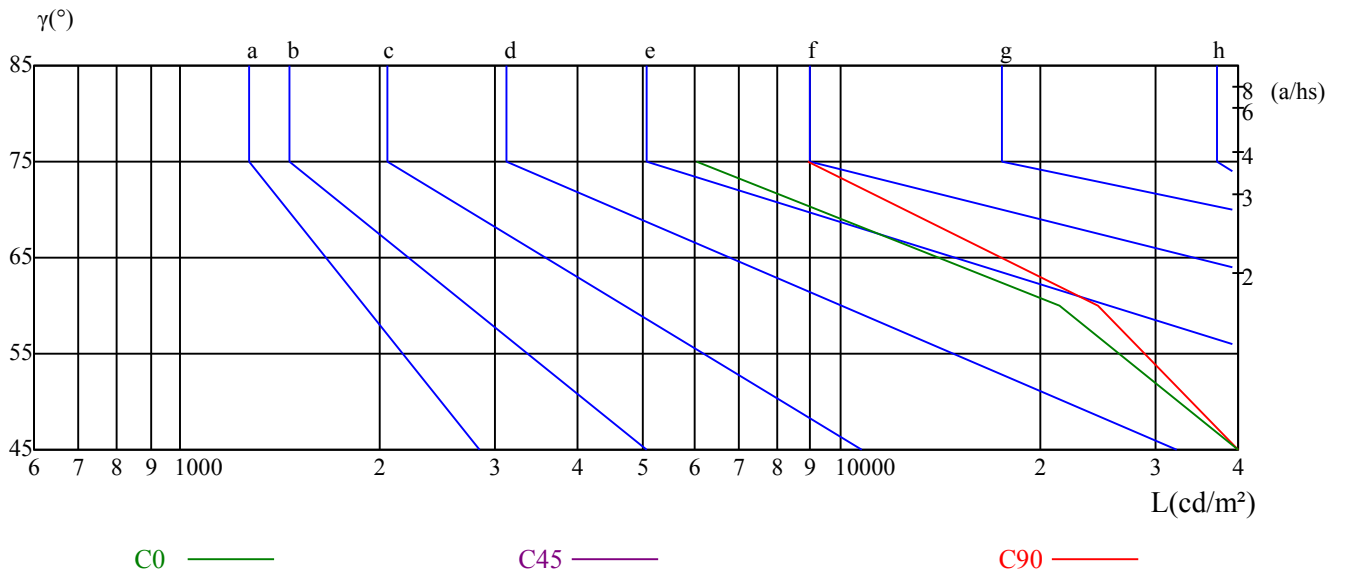
γ	45	50	55	60	65	70	75	80	85
C0	62064	0	0	21457	0	0	6054	0	0
C45	0	0	0	0	0	0	0	0	0
C90	71086	0	0	24564	0	0	8942	0	0

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	6879	7349	0	0	0	0

眩光等级表

眩光等级	质量等级	使用照度(lx)							
		a	b	c	d	e	f	g	h
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

亮度限制曲线



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ROLED 投光灯

光强数据表(cd)

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C/γ(°)	0.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
0.0	9666.12	9628.93	9510.44	9321.89	9038.21	8618.73	8008.97	7229.70	6337.12
30.0	9824.40	9839.10	9767.32	9622.88	9365.14	9005.34	8442.29	7731.34	6890.66
60.0	9780.29	9782.88	9692.07	9532.93	9263.08	8869.55	8325.53	7627.55	6800.71
90.0	9737.91	9732.72	9632.39	9455.95	9199.94	8832.36	8320.34	7653.50	6813.68
120.0	9705.04	9677.37	9558.01	9368.60	9086.64	8685.33	8131.79	7464.09	6644.16
150.0	9679.96	9646.23	9529.47	9339.19	9055.50	8657.65	8120.55	7458.03	6654.54
180.0	9666.12	9620.28	9481.03	9276.05	8998.42	8600.57	8041.84	7355.97	6503.18
210.0	9824.40	9730.13	9562.33	9310.65	8982.85	8502.83	7896.54	7155.32	6325.88
240.0	9780.29	9697.26	9538.98	9308.92	8991.50	8522.72	7925.94	7182.13	6344.04
270.0	9737.91	9656.61	9508.71	9289.03	8969.01	8510.62	7887.89	7094.77	6215.17
300.0	9705.04	9654.88	9526.01	9324.49	9019.18	8574.62	7952.76	7190.78	6314.63
330.0	9679.96	9627.20	9510.44	9302.00	8991.50	8531.37	7917.29	7149.26	6264.47
360.0	9666.12	9628.93	9510.44	9321.89	9038.21	8618.73	8008.97	7229.70	6337.12
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	5397.84	4462.88	3638.63	2953.63	2349.93	1843.10	1421.90	1074.21	792.25
30.0	5910.73	4964.53	4072.81	3318.62	2657.84	2100.84	1646.77	1268.81	953.98
60.0	5843.26	4905.71	4022.65	3255.48	2624.97	2092.19	1639.94	1248.31	945.60
90.0	5905.54	4951.55	4065.89	3318.62	2657.84	2118.14	1628.61	1250.65	934.09
120.0	5753.31	4848.63	3981.13	3223.48	2584.32	2060.19	1630.08	1245.54	945.68
150.0	5766.29	4836.52	3966.43	3237.32	2613.73	2072.30	1615.63	1248.05	937.55
180.0	5586.39	4664.41	3843.62	3110.18	2505.62	1967.65	1533.55	1165.45	872.60
210.0	5387.46	4458.56	3668.91	2989.96	2396.64	1913.16	1500.43	1142.88	878.39
240.0	5438.49	4501.80	3674.96	2995.15	2396.64	1893.27	1483.30	1133.02	859.71
270.0	5345.08	4340.93	3559.06	2890.50	2298.04	1726.25	1395.86	1052.15	794.50
300.0	5371.03	4453.37	3634.31	2951.90	2360.31	1856.94	1446.11	1108.80	830.30
330.0	5317.41	4375.53	3588.47	2885.31	2317.07	1717.69	1417.74	1072.56	816.12
360.0	5397.84	4462.88	3638.63	2953.63	2349.93	1843.10	1421.90	1074.21	792.25
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	588.13	448.02	347.60	268.12	198.49	140.89	92.63	50.77	19.03
30.0	715.27	534.51	419.74	313.35	236.81	170.39	116.33	68.07	31.40
60.0	704.29	530.53	401.05	308.16	234.91	170.30	116.59	73.00	33.04
90.0	685.87	518.94	397.94	316.21	245.89	176.96	127.49	74.99	37.62
120.0	704.29	524.56	399.50	307.30	233.44	172.20	119.79	73.17	34.34
150.0	703.16	524.99	405.29	309.89	235.08	169.69	120.83	71.44	37.45
180.0	651.36	486.25	375.28	288.88	219.34	158.45	110.45	64.61	28.71
210.0	665.63	501.90	381.07	292.77	220.03	155.60	104.31	57.26	25.00
240.0	647.81	495.59	381.68	292.77	217.35	154.04	102.92	57.08	21.28
270.0	607.51	463.93	356.60	276.08	206.37	143.14	94.53	48.26	15.14
300.0	621.86	471.37	362.39	274.00	203.42	141.50	91.85	50.08	18.08
330.0	606.04	460.13	346.82	267.43	196.94	132.59	90.47	44.46	16.26
360.0	588.13	448.02	347.60	268.12	198.49	140.89	92.63	50.77	19.03
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	1.99	1.64	1.12	0.35					
30.0	8.48	2.16	1.56	0.35					
60.0	8.65	2.25	1.64	0.61					
90.0	7.96	1.99	1.64	0.69					
120.0	9.86	2.34	1.82	0.78					
150.0	10.21	2.34	1.73	0.78					
180.0	6.05	1.82	1.56	0.52					
210.0	4.76	1.90	1.21	0.26					
240.0	3.81	1.82	1.21	0.26					
270.0	1.99	1.64	0.95	0.35					
300.0	2.34	1.73	1.04	0.35					
330.0	2.25	1.82	0.95	0.35					
360.0	1.99	1.64	1.12	0.35					