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ROLED

灯具名称: 投光灯
灯具描述: FWK2411C1.8-12-UN(45-XPG-12WN-AJ.P1)
报告编号: 电压(V): 219.2000
测试编号: 20230201004 电流(A): 0.3640
光源规格型号: XPG 功率(W): 74.8000
每个光源光通量(lm) 功率因数: 0.9380
光源数量: 12 镇流器型号:
发光面长度(mm): 130 发光面宽度 (mm): 130
测试模式: C 发光面高度(mm): 0

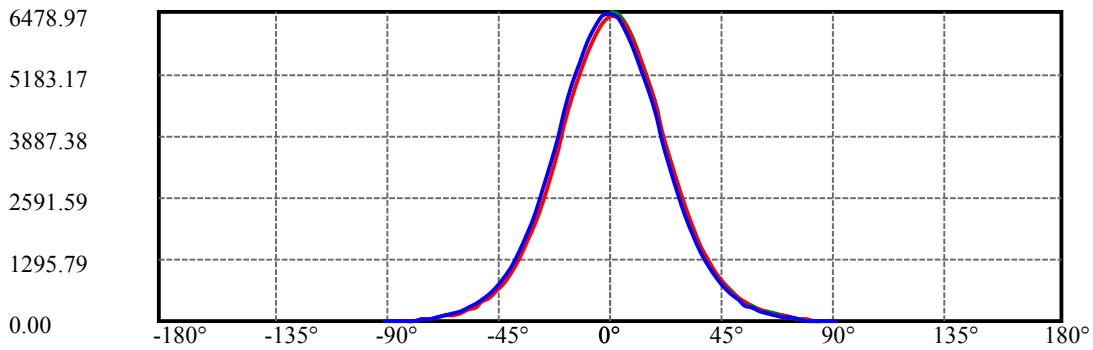
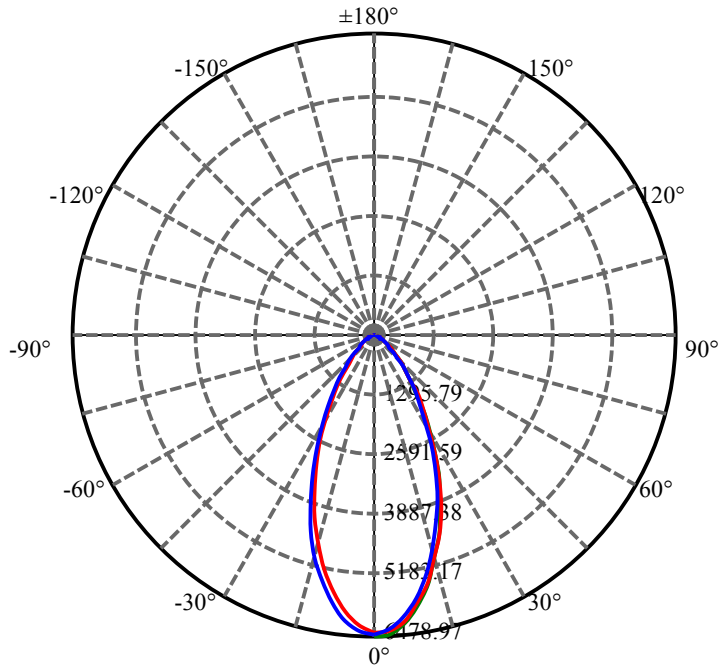
光度结果

灯具光通量(lm): 5373.19
灯具效能(lm/w): 71.83
中心光强(cd): 6405.450
最大光强(cd): 6478.967
最大光强角度: $C=30.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=48.4
 [C90/270]Total=48.3
光束扩散角(10%Imax): [C0/180]Total=92.6
 [C90/270]Total=93.0

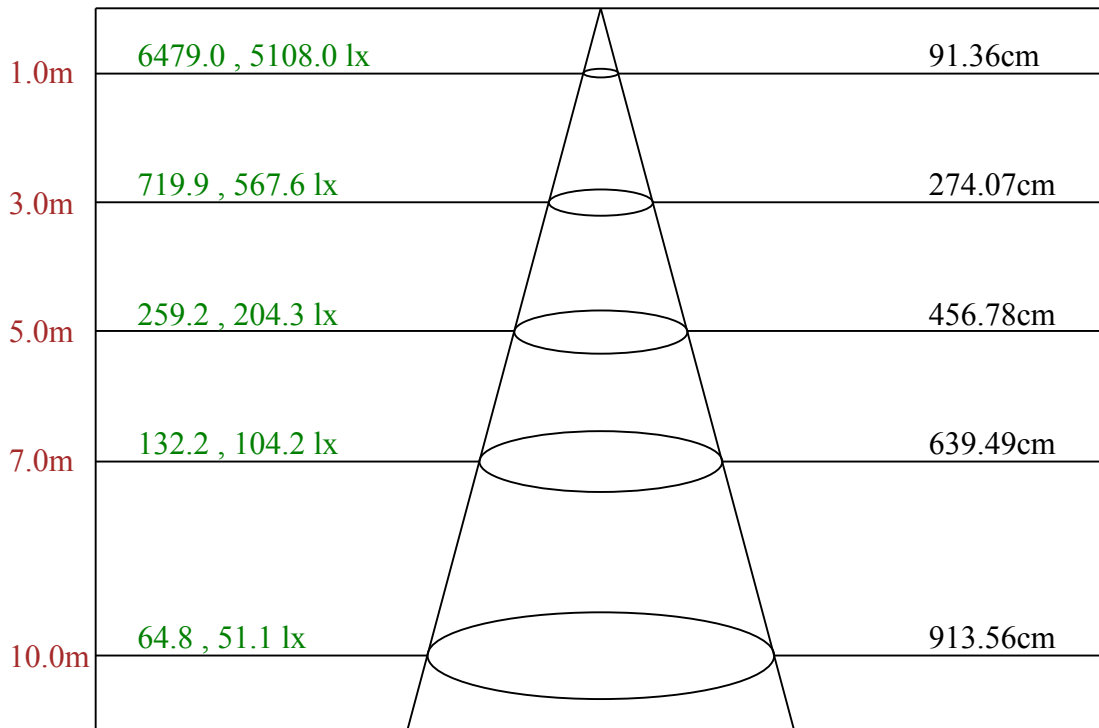
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/1
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

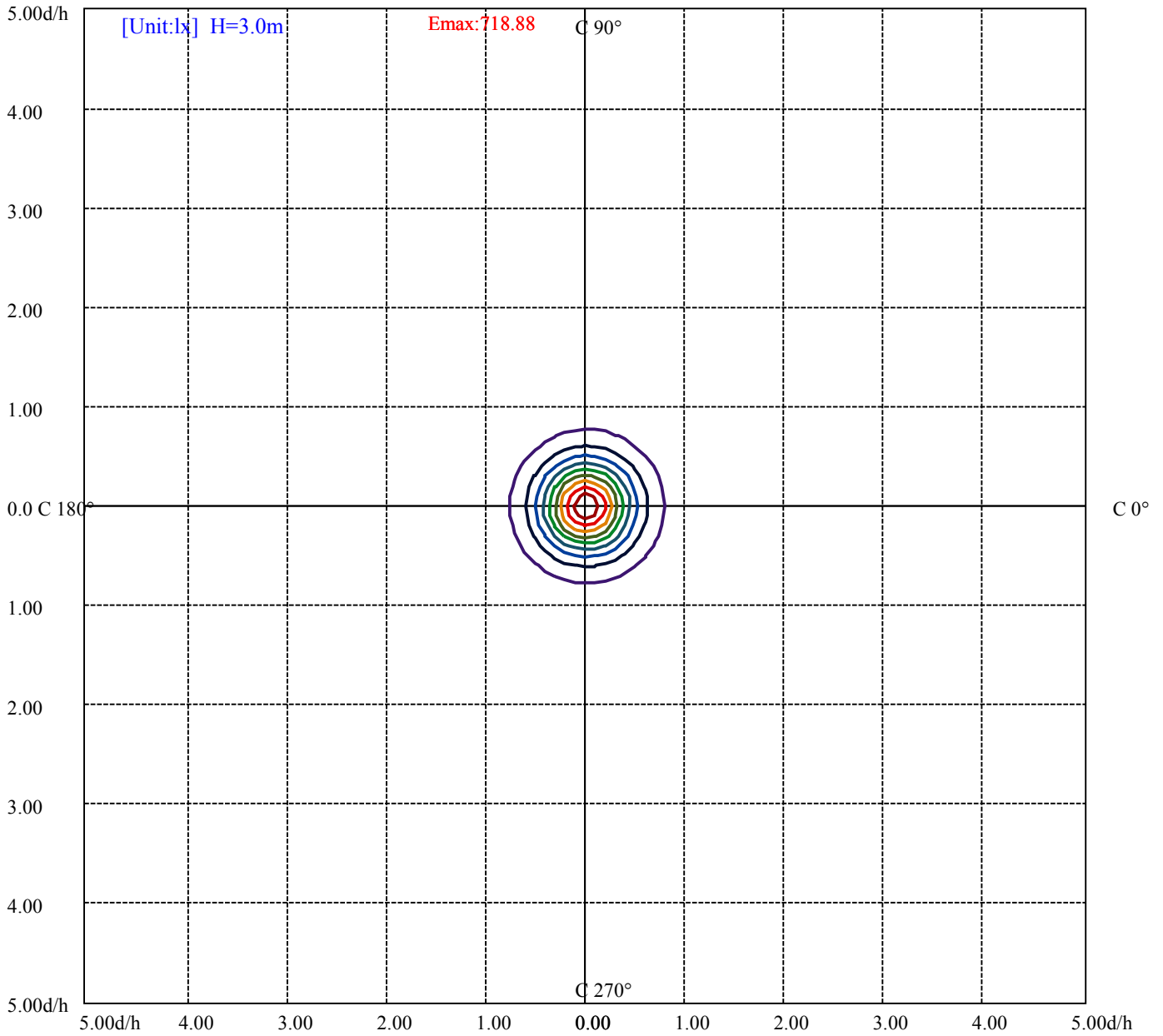


C30(Max): ———
C0/C180: ———
C90/C270: ———



Max, Ave C30面光束角49.09

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平面等照度曲线



- (10%Emax) 71.88755
- (20%Emax) 143.7756
- (30%Emax) 215.6622
- (40%Emax) 287.55
- (50%Emax) 359.4378
- (60%Emax) 431.3256
- (70%Emax) 503.2133
- (80%Emax) 575.1
- (90%Emax) 646.9878

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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

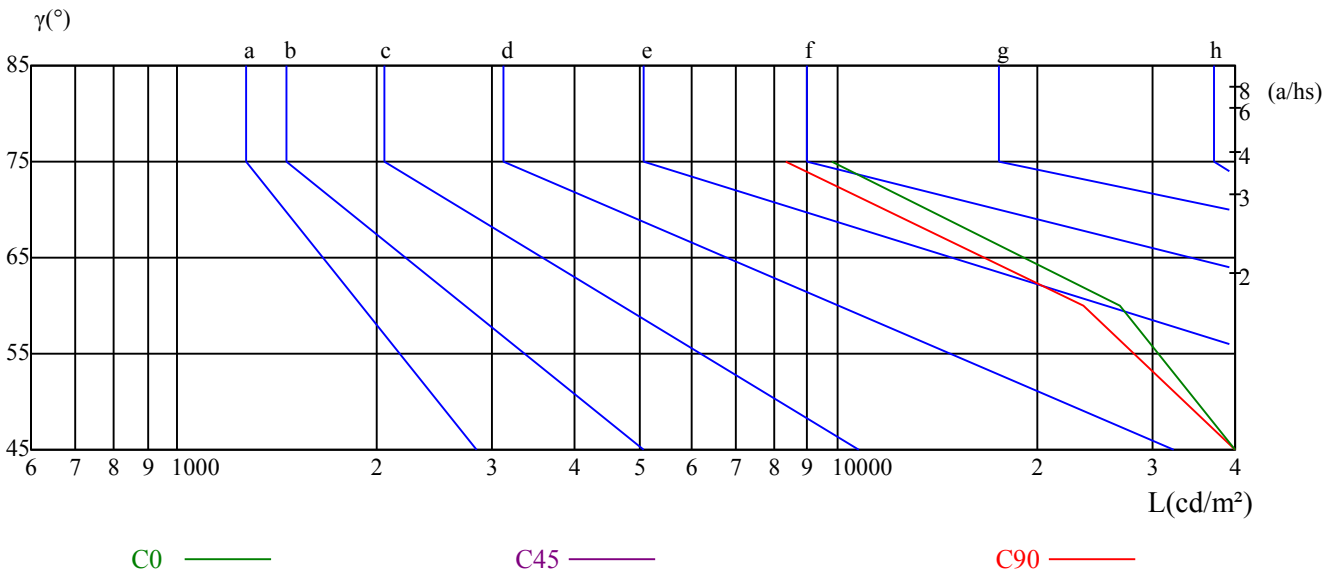
γ	45	50	55	60	65	70	75	80	85
C0	66441	0	0	26827	0	0	9788	0	0
C45	0	0	0	0	0	0	0	0	0
C90	59421	0	0	23613	0	0	8325	0	0

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	7949	8097	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



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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	6405.45	6374.31	6195.28	5868.35	5459.25	5002.58	4496.62	3978.54	3431.06
30.0	6478.97	6437.45	6232.47	5912.46	5492.98	5011.23	4490.56	3962.97	3410.30
60.0	6460.80	6372.58	6128.68	5788.78	5340.76	4859.87	4338.34	3809.02	3263.27
90.0	6450.42	6338.85	6082.84	5728.23	5285.40	4810.57	4307.20	3764.91	3213.97
120.0	6426.21	6280.90	6002.41	5631.36	5166.91	4674.78	4135.95	3610.09	3068.67
150.0	6421.02	6274.85	5992.89	5624.44	5166.91	4678.24	4159.30	3610.09	3083.37
180.0	6405.45	6256.69	5959.16	5590.71	5134.91	4655.76	4122.11	3587.61	3033.20
210.0	6478.97	6357.02	6098.41	5729.10	5268.97	4771.65	4226.77	3675.83	3130.94
240.0	6460.80	6381.23	6159.82	5824.24	5383.14	4895.33	4357.37	3804.70	3236.46
270.0	6450.42	6382.10	6154.63	5826.83	5403.90	4936.85	4405.80	3843.62	3292.67
300.0	6426.21	6400.26	6216.90	5908.13	5496.44	5029.39	4500.07	3959.51	3418.95
330.0	6421.02	6382.96	6189.22	5883.91	5472.22	4996.53	4477.59	3925.78	3393.00
360.0	6405.45	6374.31	6195.28	5868.35	5459.25	5002.58	4496.62	3978.54	3431.06
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	2915.58	2419.13	1966.78	1588.82	1273.13	1003.28	793.98	622.73	486.94
30.0	2895.69	2389.72	1955.54	1574.12	1262.75	998.96	787.92	624.46	491.26
60.0	2729.62	2257.39	1844.83	1488.41	1191.23	940.84	741.13	586.32	464.71
90.0	2707.14	2222.79	1808.51	1445.25	1152.05	906.42	710.08	558.73	440.23
120.0	2551.46	2095.65	1709.47	1359.88	1076.45	850.63	665.37	524.30	411.52
150.0	2561.83	2088.73	1691.74	1344.05	1069.02	836.36	655.59	511.16	404.08
180.0	2513.40	2059.33	1673.32	1326.32	1041.17	818.37	633.80	495.59	386.26
210.0	2592.11	2106.90	1712.42	1361.79	1081.64	855.47	669.95	523.18	409.53
240.0	2704.54	2209.82	1779.96	1429.68	1131.29	896.90	710.08	557.00	437.64
270.0	2765.09	2261.71	1838.78	1476.73	1178.08	928.82	734.21	575.24	447.85
300.0	2882.71	2373.29	1923.54	1552.50	1241.13	980.80	778.41	613.21	483.48
330.0	2884.44	2387.99	1948.62	1568.76	1245.20	993.42	786.97	621.00	489.36
360.0	2915.58	2419.13	1966.78	1588.82	1273.13	1003.28	793.98	622.73	486.94
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	382.46	292.51	226.69	172.46	133.89	105.86	72.39	42.81	23.53
30.0	392.84	312.14	243.73	189.93	146.08	108.29	78.53	47.31	24.48
60.0	366.54	286.63	224.96	173.93	132.94	98.86	69.97	40.74	19.98
90.0	339.82	262.24	199.53	151.18	119.70	94.62	60.63	36.41	17.99
120.0	326.76	256.01	200.40	153.95	116.07	85.63	58.55	31.48	14.70
150.0	316.47	247.71	192.35	148.85	112.26	83.03	55.87	30.62	13.67
180.0	292.86	223.84	171.25	131.46	104.48	77.06	45.67	26.73	8.48
210.0	323.82	253.07	195.90	150.67	112.00	80.78	52.41	26.98	11.85
240.0	347.69	270.11	210.43	160.53	120.83	88.31	58.03	32.26	14.53
270.0	345.87	263.88	200.57	153.69	121.26	91.25	56.39	34.42	15.05
300.0	386.09	304.88	236.72	182.67	138.64	102.84	73.00	41.60	21.19
330.0	389.12	304.44	238.54	186.47	141.50	104.83	74.12	42.99	21.88
360.0	382.46	292.51	226.69	172.46	133.89	105.86	72.39	42.81	23.53
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	5.71	0.69	0.52	0.35					
30.0	9.95	0.69	0.61	0.26					
60.0	6.83	0.69	0.61	0.26					
90.0	4.76	0.61	0.52	0.17					
120.0	3.11	0.69	0.52	0.17					
150.0	2.34	0.61	0.43	0.26					
180.0	0.69	0.43	0.43	0.17					
210.0	1.90	0.69	0.43	0.17					
240.0	2.51	0.69	0.43	0.26					
270.0	2.59	0.52	0.43	0.26					
300.0	6.14	0.69	0.52	0.26					
330.0	7.78	0.61	0.52	0.26					
360.0	5.71	0.69	0.52	0.35					