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ROLED

灯具名称: 投光灯
灯具描述: FWK2451B-5-UN-RC-Y(30-OST-5RGLAC.AJ.P4)
报告编号: 电压(V): 219.6000
测试编号: 20230215003 电流(A): 0.3520
光源规格型号: OST 功率(W): 71.0000
每个光源光通量(lm) 功率因数: 0.9190
光源数量: 5 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

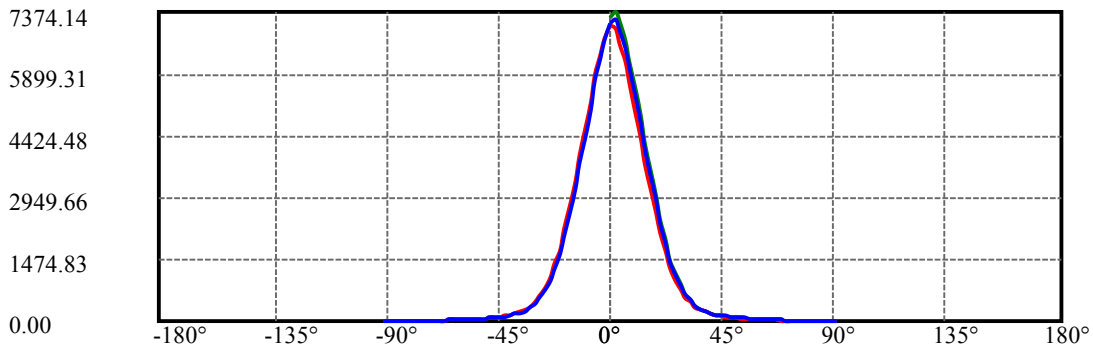
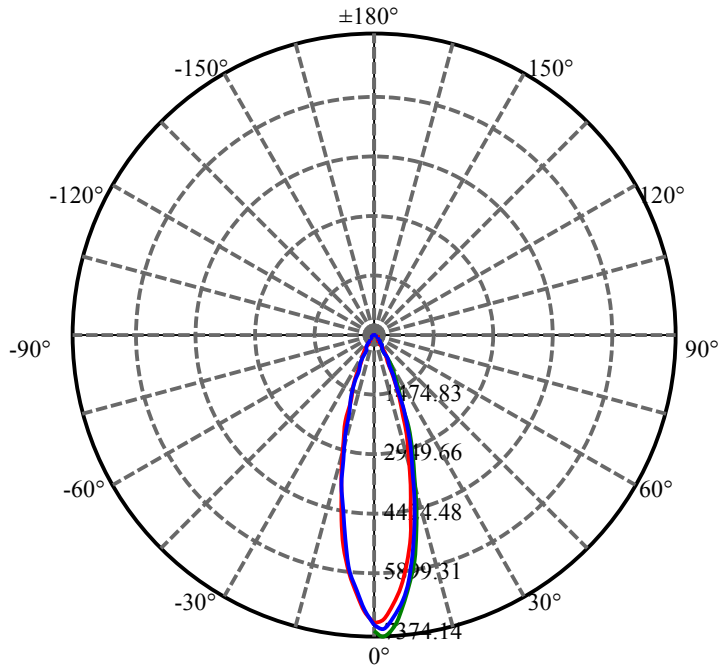
光度结果

灯具光通量(lm): 2302.27
灯具效能(lm/w): 32.43
中心光强(cd): 7037.692
最大光强(cd): 7374.138
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=28.2
 [C90/270]Total=28.4
光束扩散角(10%Imax): [C0/180]Total=55.4
 [C90/270]Total=55.4

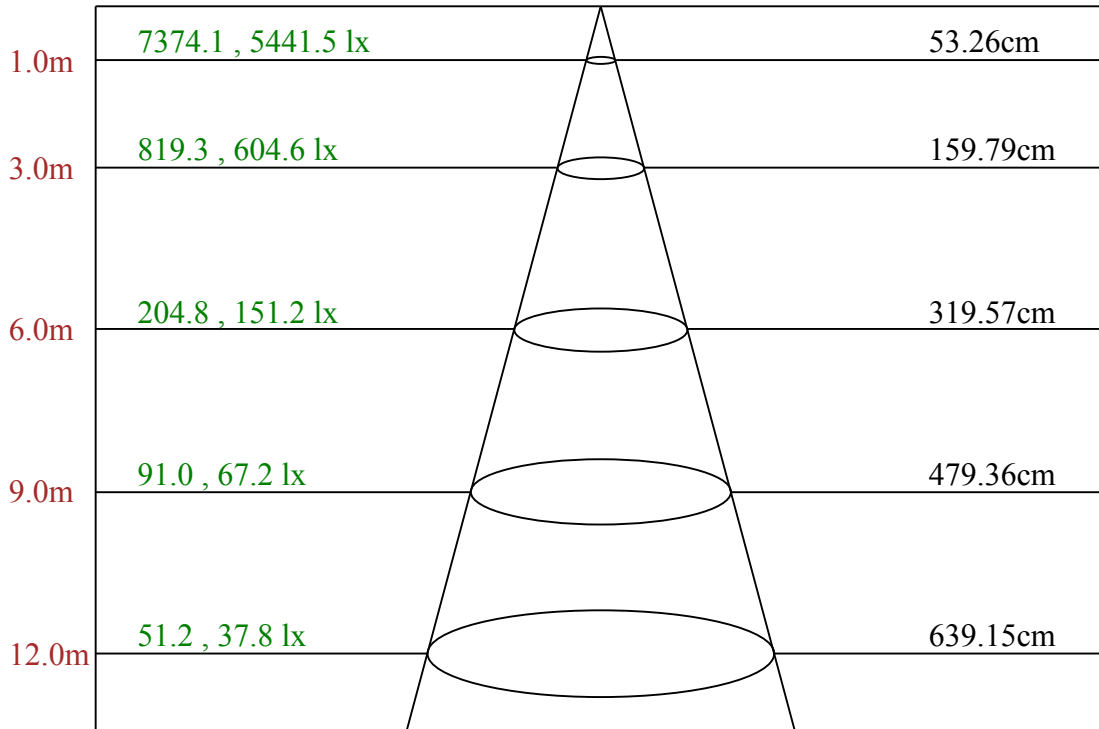
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/15
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

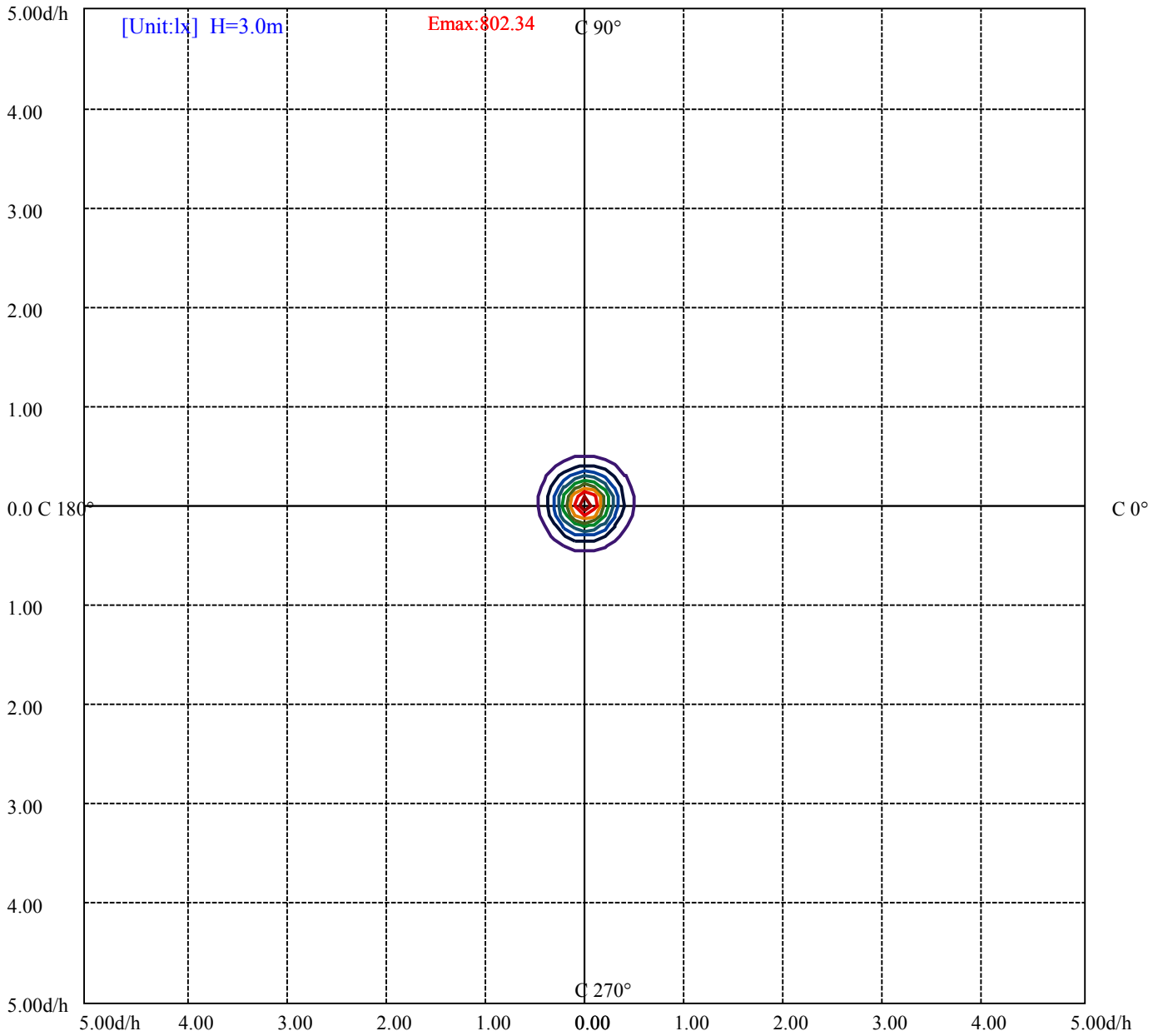


C30(Max): ———
C0/C180: ———
C90/C270: ———



Max, Ave C30面光束角29.80

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平面等照度曲线



(10%Emax) 80.234	—
(20%Emax) 160.4678	—
(30%Emax) 240.7022	—
(40%Emax) 320.9355	—
(50%Emax) 401.17	—
(60%Emax) 481.4033	—
(70%Emax) 561.6378	—
(80%Emax) 641.8711	—
(90%Emax) 722.1056	—

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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

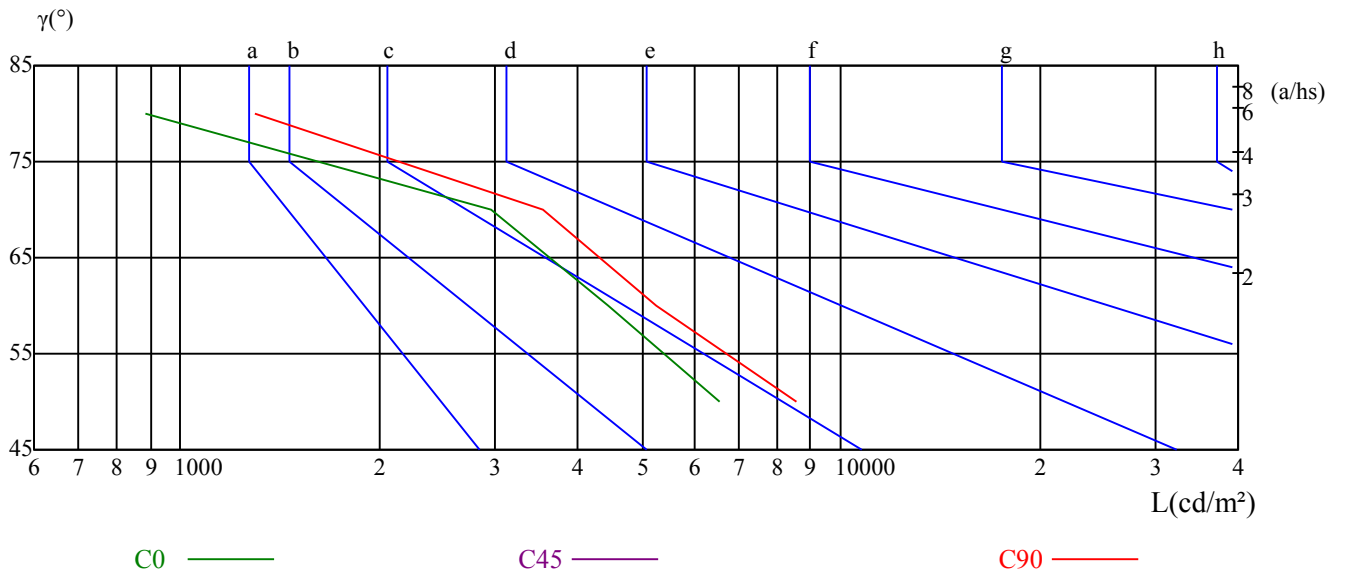
γ	45	50	55	60	65	70	75	80	85
C0	0	6568	0	4442	0	2948	0	884	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8559	0	5271	0	3546	0	1297	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
31945	35088	0	17104	17094	0	12683	12683	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



测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/15
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	7037.69	6969.36	6596.59	6175.39	5662.50	5006.04	4354.77	3757.99	3146.51
30.0	7237.48	7374.14	7125.05	6672.70	6190.95	5606.28	4904.85	4272.61	3614.42
60.0	7204.62	7303.22	7012.61	6584.48	6120.03	5480.87	4837.39	4164.49	3533.12
90.0	7099.96	7211.54	6934.77	6521.35	6065.54	5426.38	4738.79	4113.46	3489.01
120.0	7096.50	7023.85	6670.11	6255.82	5722.18	5053.61	4423.96	3782.21	3174.18
150.0	7064.50	6933.04	6560.27	6139.06	5564.77	4881.50	4224.17	3623.07	3012.45
180.0	7037.69	6748.81	6345.77	5857.97	5238.70	4564.94	3929.24	3339.38	2743.46
210.0	7237.48	6819.74	6374.31	5824.24	5126.26	4448.18	3756.26	3149.10	2538.48
240.0	7204.62	6811.95	6359.61	5800.02	5159.99	4462.88	3814.21	3199.27	2626.70
270.0	7099.96	6709.03	6259.28	5747.26	5049.29	4372.07	3738.10	3144.78	2547.13
300.0	7096.50	6803.30	6359.61	5873.54	5268.11	4581.38	3947.40	3334.19	2772.00
330.0	7064.50	6829.25	6390.75	5953.97	5358.92	4676.51	4035.62	3451.82	2859.36
360.0	7037.69	6969.36	6596.59	6175.39	5662.50	5006.04	4354.77	3757.99	3146.51
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2585.19	2098.25	1642.45	1275.73	976.47	745.54	563.05	440.23	333.51
30.0	2989.96	2408.75	1917.48	1479.84	1130.42	864.90	646.95	485.21	375.89
60.0	2967.47	2400.10	1900.19	1493.42	1164.85	887.65	683.53	509.51	394.22
90.0	2885.31	2323.12	1853.48	1431.41	1096.69	841.55	634.84	484.34	367.32
120.0	2606.81	2093.92	1672.11	1300.81	1009.60	765.78	580.52	443.17	338.61
150.0	2466.69	1962.46	1523.09	1166.75	894.31	670.30	499.91	382.55	293.37
180.0	2204.63	1715.96	1361.01	1042.38	785.50	597.21	450.70	343.11	266.22
210.0	2034.24	1585.45	1210.08	929.85	694.08	518.25	392.66	305.14	238.89
240.0	2092.19	1641.58	1280.05	978.20	741.22	555.27	439.37	329.53	257.57
270.0	2020.41	1603.35	1231.79	956.23	720.29	537.36	407.45	313.53	245.03
300.0	2229.71	1786.02	1388.16	1069.88	818.20	624.46	474.83	364.04	284.12
330.0	2307.55	1708.44	1424.75	1107.85	825.46	628.96	475.52	365.33	282.82
360.0	2585.19	2098.25	1642.45	1275.73	976.47	745.54	563.05	440.23	333.51
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	262.58	212.42	171.68	141.93	117.89	98.86	83.64	71.35	61.41
30.0	292.42	231.71	189.07	158.88	133.19	114.17	97.30	83.46	71.96
60.0	305.83	243.56	196.25	161.30	136.14	113.99	98.25	84.67	74.47
90.0	283.60	225.48	186.82	156.46	134.84	119.36	104.65	92.98	79.66
120.0	263.28	208.79	170.90	141.24	118.84	100.85	86.32	75.25	65.82
150.0	232.40	185.00	153.09	127.31	107.94	91.77	78.27	67.64	58.64
180.0	212.94	171.34	141.76	117.19	97.82	82.08	70.32	60.46	52.24
210.0	194.43	158.28	131.29	111.23	93.15	80.26	69.11	60.11	52.41
240.0	205.07	166.41	136.05	114.43	95.83	81.04	70.06	60.37	52.59
270.0	196.42	161.48	133.37	112.09	93.93	80.52	69.62	60.63	52.76
300.0	224.96	183.01	147.29	123.85	103.96	88.13	75.42	65.13	57.00
330.0	225.13	183.62	151.27	127.05	106.99	91.77	78.79	67.89	59.25
360.0	262.58	212.42	171.68	141.93	117.89	98.86	83.64	71.35	61.41
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	53.54	47.05	41.86	37.54	33.56	28.11	24.30	20.67	17.04
30.0	62.88	54.40	47.83	42.64	37.45	33.90	28.46	24.39	20.24
60.0	64.95	57.17	50.68	44.46	38.66	33.47	28.97	24.39	20.24
90.0	69.36	58.99	51.03	44.54	38.83	33.73	29.23	24.56	20.50
120.0	57.86	51.20	45.58	40.13	35.03	30.10	25.77	21.62	17.82
150.0	51.03	45.15	40.30	35.81	31.91	27.33	23.61	19.72	15.83
180.0	46.53	41.08	37.02	33.13	27.76	24.04	20.50	16.87	13.49
210.0	46.27	41.17	36.41	32.61	27.50	23.61	19.63	15.83	12.20
240.0	46.10	41.00	36.33	32.17	28.54	23.96	20.33	16.26	12.71
270.0	46.88	41.69	36.33	31.91	27.59	24.04	20.50	16.52	12.97
300.0	49.90	44.11	39.01	34.51	30.88	26.29	22.83	18.94	15.14
330.0	51.72	45.75	40.74	36.41	31.91	27.42	23.87	19.63	16.00
360.0	53.54	47.05	41.86	37.54	33.56	28.11	24.30	20.67	17.04

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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	13.84	10.55	7.27	4.58	2.59	0.95	0.09	0.09	0.00
30.0	16.61	12.80	9.34	6.14	3.63	1.82	0.61	0.17	0.09
60.0	16.26	12.45	9.17	6.14	3.72	1.99	0.61	0.17	0.09
90.0	16.52	13.06	9.08	6.31	3.81	1.99	0.35	0.17	0.26
120.0	14.27	10.81	7.70	4.50	2.68	1.21	0.26	0.17	0.17
150.0	12.45	9.08	6.14	3.63	1.99	0.69	0.17	0.09	0.09
180.0	10.29	7.01	4.32	2.51	1.04	0.17	0.17	0.00	0.00
210.0	8.91	5.79	3.46	1.73	0.61	0.17	0.09	0.09	0.09
240.0	9.08	6.05	3.46	1.64	0.69	0.17	0.09	0.09	0.00
270.0	9.51	6.31	3.89	1.90	0.43	0.09	0.17	0.09	0.00
300.0	11.76	8.39	5.28	2.94	1.38	0.26	0.09	0.09	0.00
330.0	12.20	9.17	6.05	3.89	1.90	0.69	0.09	0.09	0.09
360.0	13.84	10.55	7.27	4.58	2.59	0.95	0.09	0.09	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.09
90.0	0.00
120.0	0.09
150.0	0.00
180.0	0.09
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00