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ROLED

灯具名称: 投光灯
灯具描述: FWK2631B9-12-UN-RC-Y(12-OST-12RGBWN-AJ.P4)
报告编号: 电压(V): 220.4000
测试编号: 20230313008 电流(A): 0.6050
光源规格型号: OST 功率(W): 129.3000
每个光源光通量(lm) 功率因数: 0.9690
光源数量: 12 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

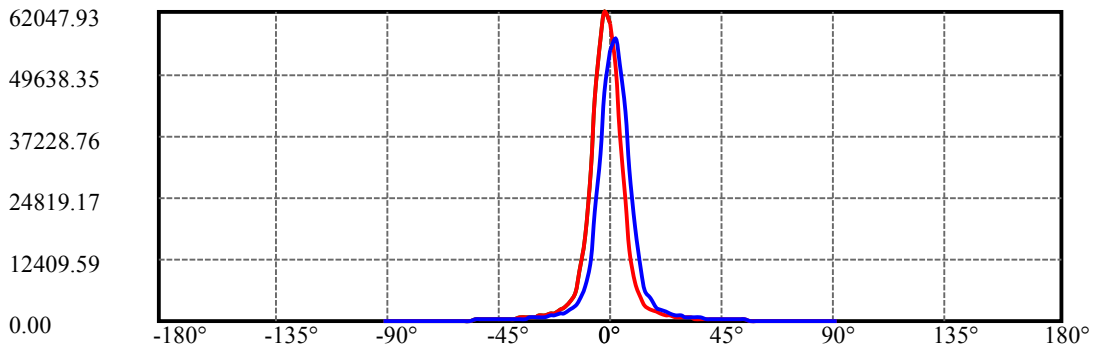
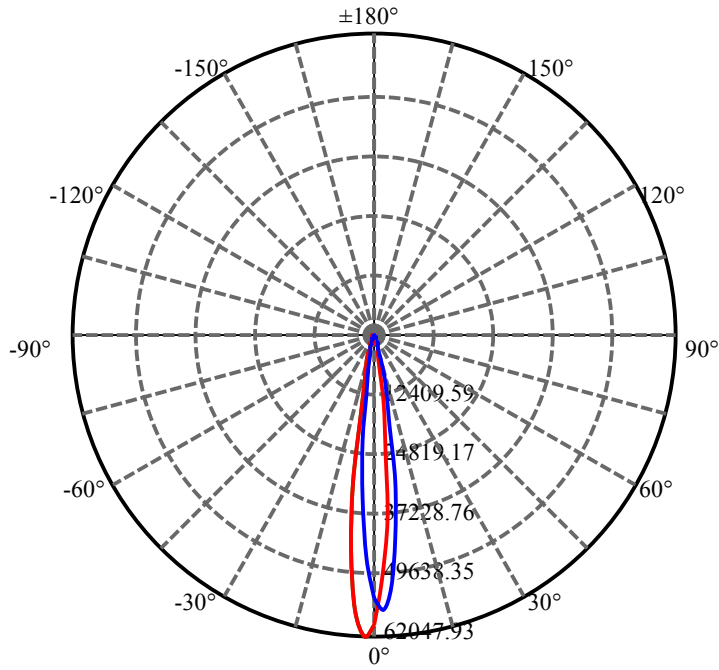
光度结果

灯具光通量(lm): 5508.23
灯具效能(lm/w): 42.60
中心光强(cd): 59730.000
最大光强(cd): 62047.930
最大光强角度: C=180.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=13.3
[C90/270]Total=13.7
光束扩散角(10%Imax): [C0/180]Total=25.0
[C90/270]Total=26.0

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%

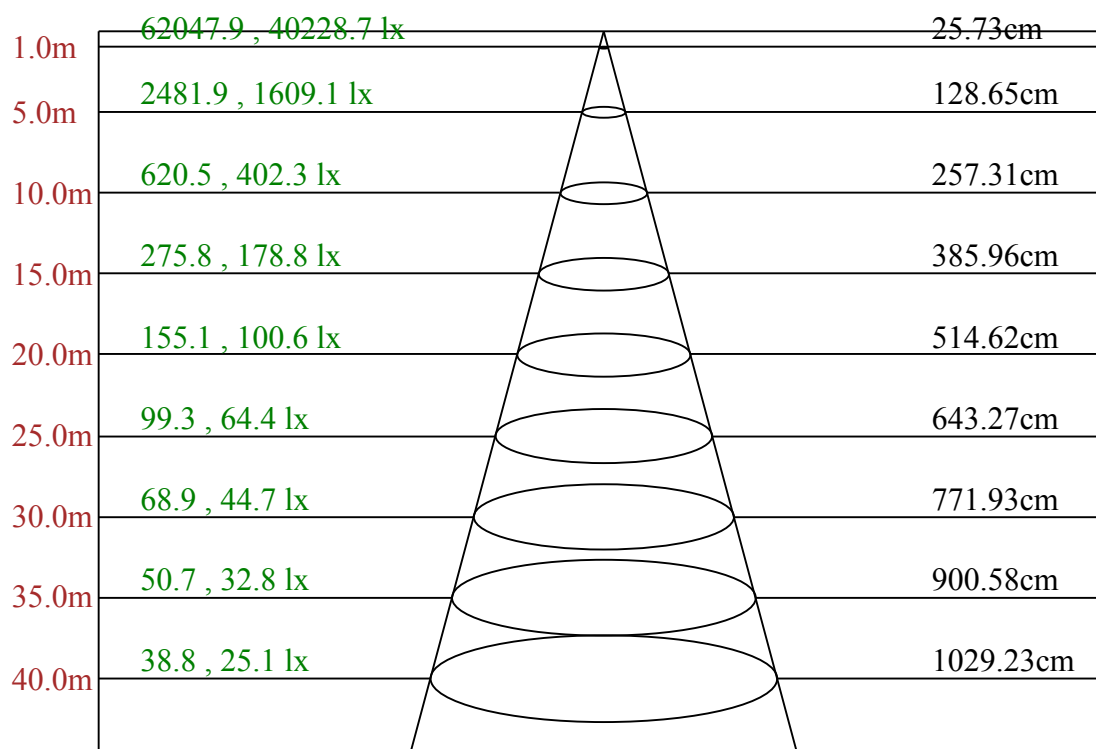
测试人员: 安培楼
测试距离(m): 9.30



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

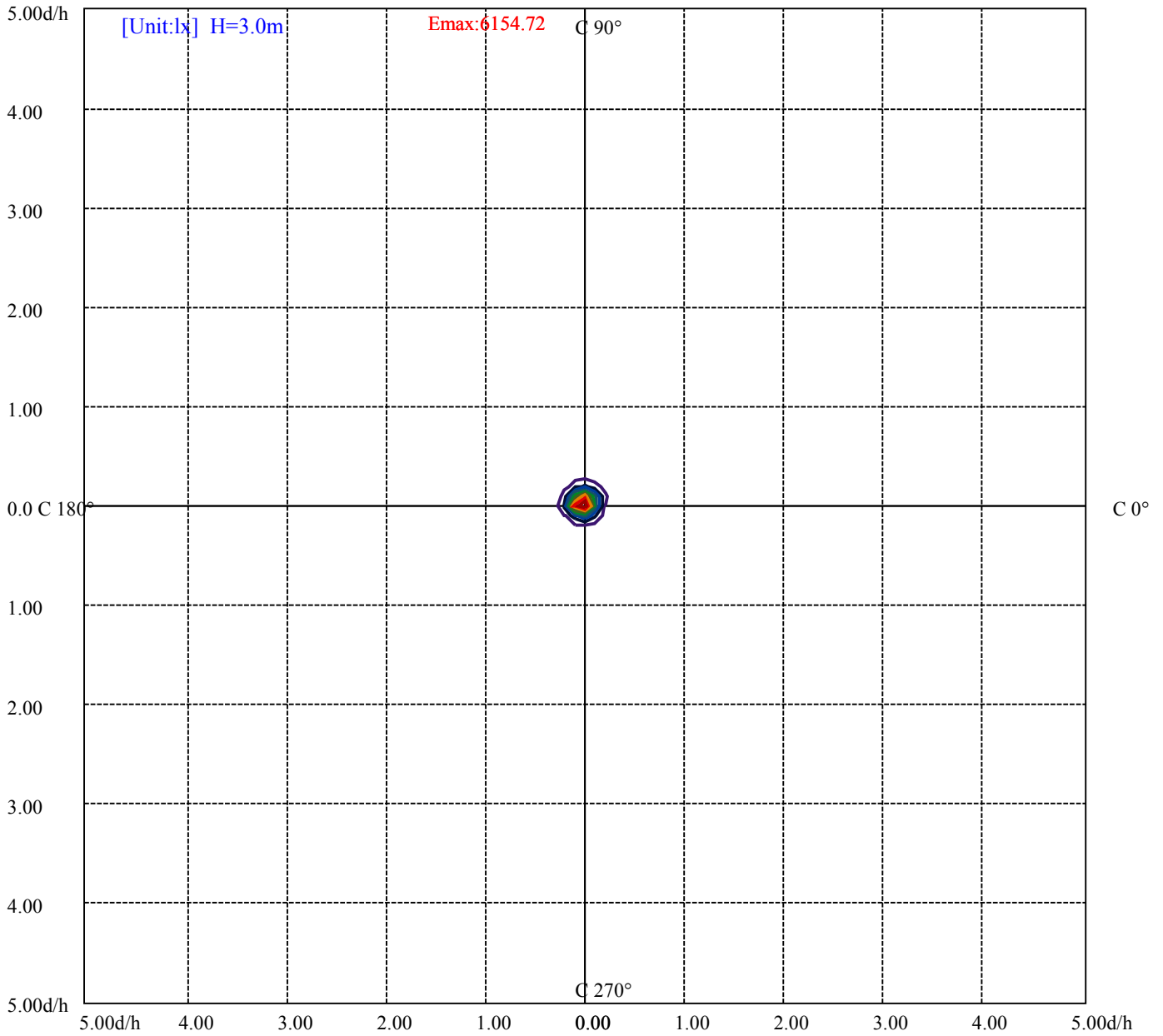
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照度距离图表



Max , Ave C180面光束角14.65

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平面等照度曲线



- (10%Emax) 615.4711
- (20%Emax) 1230.944
- (30%Emax) 1846.411
- (40%Emax) 2461.878
- (50%Emax) 3077.355
- (60%Emax) 3692.822
- (70%Emax) 4308.3
- (80%Emax) 4923.767
- (90%Emax) 5539.233

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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

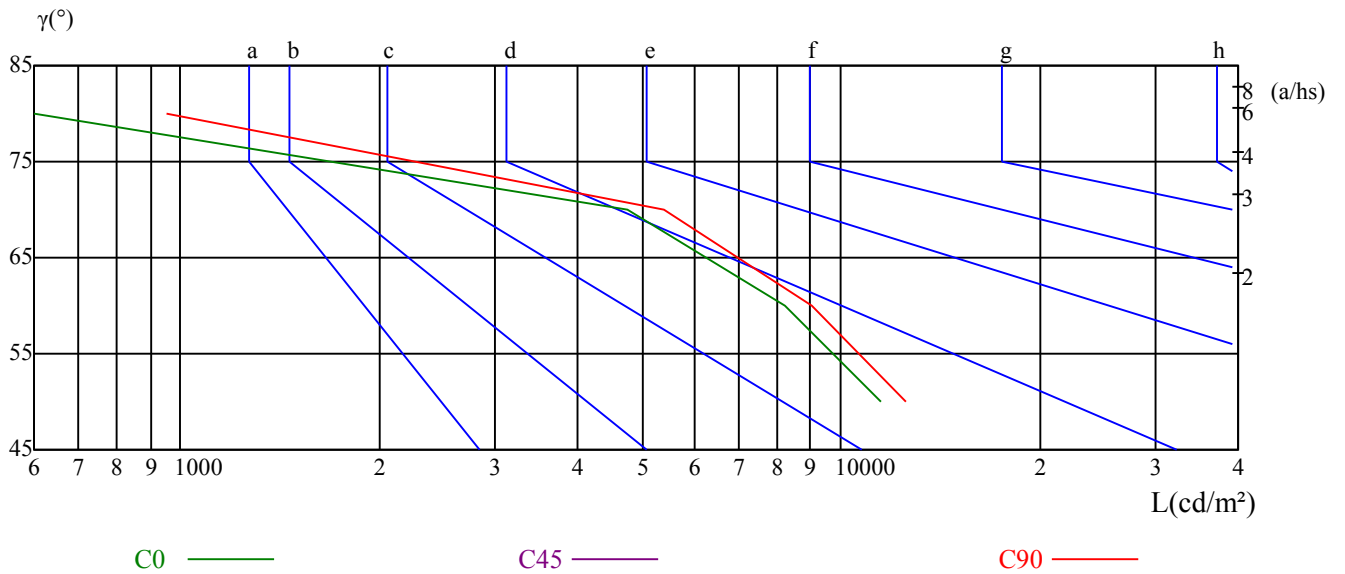
γ	45	50	55	60	65	70	75	80	85
C0	0	11487	0	8249	0	4753	0	492	0
C45	0	0	0	0	0	0	0	0	0
C90	0	12592	0	9071	0	5409	0	953	0

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)							
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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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	59729.99	50501.51	37856.67	24459.37	14374.64	7740.86	4609.92	3155.16	2397.50
30.0	56045.52	54765.47	46920.83	35287.92	23360.95	13976.78	7879.24	4860.74	3381.76
60.0	54739.52	55405.49	49584.72	39249.16	27330.84	16469.43	9685.15	5749.86	3841.02
90.0	54203.28	56469.32	51833.46	41956.30	30487.73	18742.38	10465.29	6158.09	4436.94
120.0	55803.35	59193.76	55344.95	45632.12	33272.70	16918.31	10864.87	6163.28	3883.40
150.0	57801.27	60560.30	55941.73	44542.35	30539.62	17808.29	9833.91	5613.20	3684.47
180.0	59729.99	62047.93	56573.11	44680.73	30530.97	16832.68	10039.76	5738.61	3779.61
210.0	56045.52	50285.29	40157.31	28022.76	16815.39	9698.99	5787.91	3829.78	2804.87
240.0	54739.52	47344.63	36369.05	24269.09	14651.41	8086.82	4912.63	3393.87	2578.27
270.0	54203.28	45952.14	33566.77	22037.65	12348.18	6782.55	4221.58	3002.07	2293.71
300.0	55803.35	46791.09	33428.39	21198.70	11598.31	6235.93	4428.29	2856.76	2194.25
330.0	57801.27	48148.98	35573.34	22539.29	12764.19	6899.31	4240.60	2948.44	2275.55
360.0	59729.99	50501.51	37856.67	24459.37	14374.64	7740.86	4609.92	3155.16	2397.50
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1907.10	1556.82	1298.21	1100.15	947.07	817.33	716.14	626.19	544.89
30.0	2523.78	1996.19	1611.31	1338.87	1129.56	966.96	840.68	727.38	635.70
60.0	2783.25	2161.39	1710.51	1446.46	1210.25	1031.74	895.43	770.97	666.06
90.0	2833.41	2159.66	1756.61	1439.19	1215.18	1035.29	890.85	774.09	671.16
120.0	2797.09	2163.98	1722.02	1462.81	1231.36	1046.36	903.30	780.23	680.94
150.0	2656.97	2074.90	1681.37	1397.68	1168.48	996.36	864.90	748.14	654.73
180.0	2730.49	2122.46	1725.73	1437.81	1204.29	1035.80	896.21	775.56	672.29
210.0	2227.12	1714.32	1494.81	1256.18	1072.74	932.10	805.74	696.16	604.82
240.0	2051.54	1672.72	1389.03	1171.94	1008.47	869.22	759.38	660.78	579.48
270.0	1723.92	1534.59	1273.13	1091.07	938.68	813.27	709.91	622.99	545.06
300.0	1771.32	1465.14	1213.45	1040.47	893.44	779.27	682.41	602.84	529.32
330.0	1716.91	1491.17	1245.72	1056.91	915.41	786.37	690.45	603.01	533.64
360.0	1907.10	1556.82	1298.21	1100.15	947.07	817.33	716.14	626.19	544.89
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	483.48	436.77	386.61	347.78	316.47	288.10	263.10	239.23	215.27
30.0	550.94	487.80	436.77	391.54	351.24	318.28	290.00	262.50	237.85
60.0	579.22	509.86	451.13	403.48	360.06	324.08	293.89	265.70	240.87
90.0	582.94	508.56	449.75	401.75	356.17	320.19	289.48	262.24	233.61
120.0	592.80	516.95	457.27	406.50	361.53	323.91	295.02	266.48	239.32
150.0	572.56	499.91	442.83	398.98	356.08	320.27	292.86	264.66	236.72
180.0	584.93	513.32	450.87	401.92	356.08	315.69	281.44	254.11	227.56
210.0	532.78	469.81	421.29	376.75	338.52	308.60	281.18	251.60	225.74
240.0	507.70	452.34	405.29	366.29	332.12	302.97	276.34	249.00	225.31
270.0	482.27	431.50	385.66	347.43	313.61	286.71	258.52	234.21	213.37
300.0	469.64	437.64	382.46	345.87	316.12	290.17	263.71	241.48	220.29
330.0	473.79	422.94	380.90	343.71	312.49	284.98	259.90	236.03	217.09
360.0	483.48	436.77	386.61	347.78	316.47	288.10	263.10	239.23	215.27
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	192.79	172.98	152.48	133.63	116.33	98.69	84.33	70.23	52.67
30.0	216.31	195.55	173.50	150.58	127.31	106.38	87.61	71.87	57.08
60.0	217.95	196.94	172.89	149.02	125.84	105.52	87.01	70.66	57.00
90.0	211.55	190.28	169.00	146.95	126.19	108.54	91.51	75.42	59.94
120.0	215.01	193.22	172.98	150.41	129.04	106.64	87.96	71.27	56.30
150.0	211.99	192.09	172.12	151.44	131.55	109.93	91.07	73.34	58.03
180.0	204.81	185.26	164.68	145.04	122.47	103.36	86.32	69.62	53.45
210.0	205.33	184.31	165.28	143.40	121.17	99.90	81.91	65.04	48.69
240.0	204.12	185.35	165.02	144.87	124.46	102.49	84.50	65.99	50.77
270.0	194.26	175.06	154.13	135.36	117.37	100.59	82.86	65.13	50.16
300.0	200.31	179.73	159.92	139.68	118.40	99.20	81.47	65.73	49.56
330.0	197.20	176.18	155.60	133.63	113.39	94.62	78.01	61.58	48.17
360.0	192.79	172.98	152.48	133.63	116.33	98.69	84.33	70.23	52.67

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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	35.37	22.14	15.83	7.44	2.77	0.69	0.69	0.61	0.26
30.0	44.02	31.05	18.16	11.94	5.88	1.21	0.69	0.61	0.43
60.0	42.55	30.01	19.03	11.50	4.84	1.21	0.69	0.61	0.35
90.0	45.93	31.91	21.54	12.97	5.36	0.86	0.61	0.52	0.43
120.0	42.81	31.40	18.85	6.57	2.59	1.56	0.52	0.52	0.43
150.0	42.90	31.22	21.97	14.27	6.14	2.16	0.78	0.61	0.43
180.0	40.65	31.66	20.58	9.51	4.67	0.78	0.61	0.61	0.26
210.0	36.15	25.34	17.30	7.70	3.63	0.86	0.78	0.52	0.26
240.0	37.19	25.95	15.83	7.87	3.29	0.86	0.69	0.52	0.35
270.0	36.59	23.78	13.49	6.75	1.56	0.69	0.69	0.43	0.35
300.0	35.72	23.70	14.79	8.13	3.11	0.78	0.61	0.52	0.26
330.0	36.24	22.14	12.89	8.04	2.42	0.86	0.69	0.61	0.35
360.0	35.37	22.14	15.83	7.44	2.77	0.69	0.69	0.61	0.26

C/γ(°)	90.0
0.0	0.26
30.0	0.17
60.0	0.17
90.0	0.26
120.0	0.26
150.0	0.26
180.0	0.17
210.0	0.09
240.0	0.09
270.0	0.09
300.0	0.17
330.0	0.17
360.0	0.26