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ROLED

灯具名称: 投光灯
灯具描述: FWK2431B9-6-UN-RC-Y(12-OST-6RGBWN-AJ.P4)
报告编号: 电压(V): 219.8000
测试编号: 20230206001 电流(A): 0.3410
光源规格型号: OST 功率(W): 68.5000
每个光源光通量(lm) 功率因数: 0.9140
光源数量: 6 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

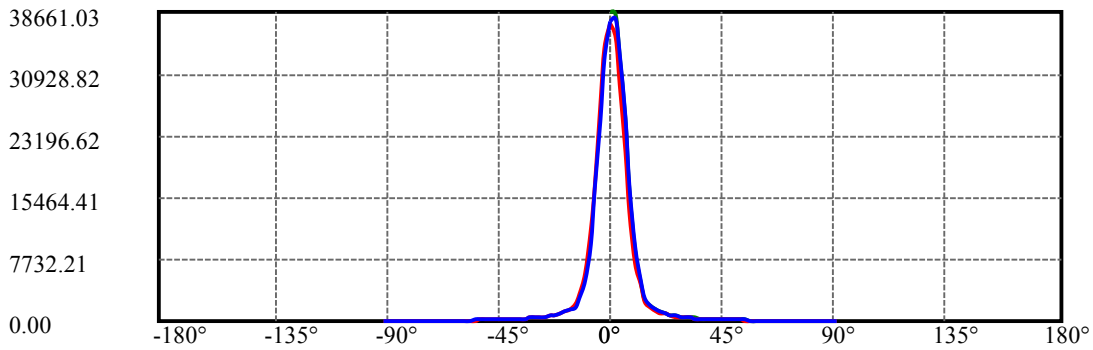
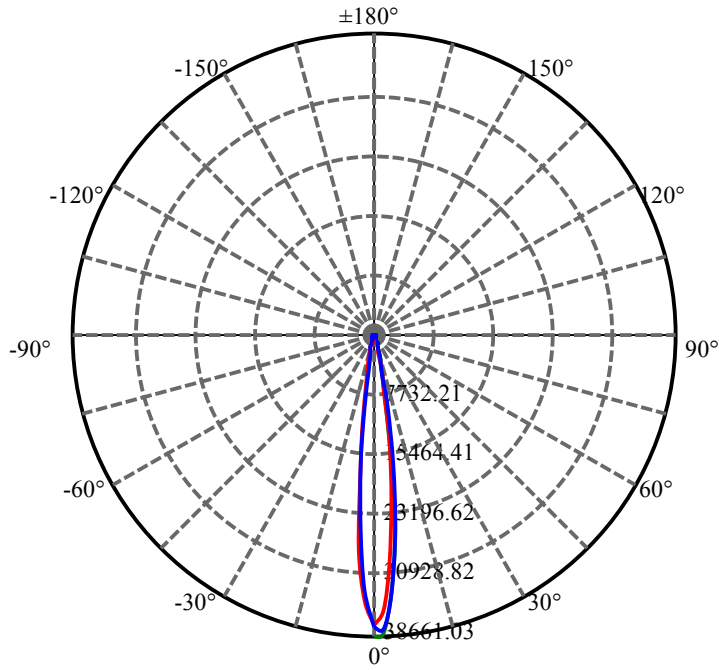
光度结果

灯具光通量(lm): 3285.29
灯具效能(lm/w): 47.96
中心光强(cd): 37173.400
最大光强(cd): 38661.030
最大光强角度: C=30.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=12.4
 [C90/270]Total=13.1
光束扩散角(10%Imax): [C0/180]Total=24.4
 [C90/270]Total=24.3

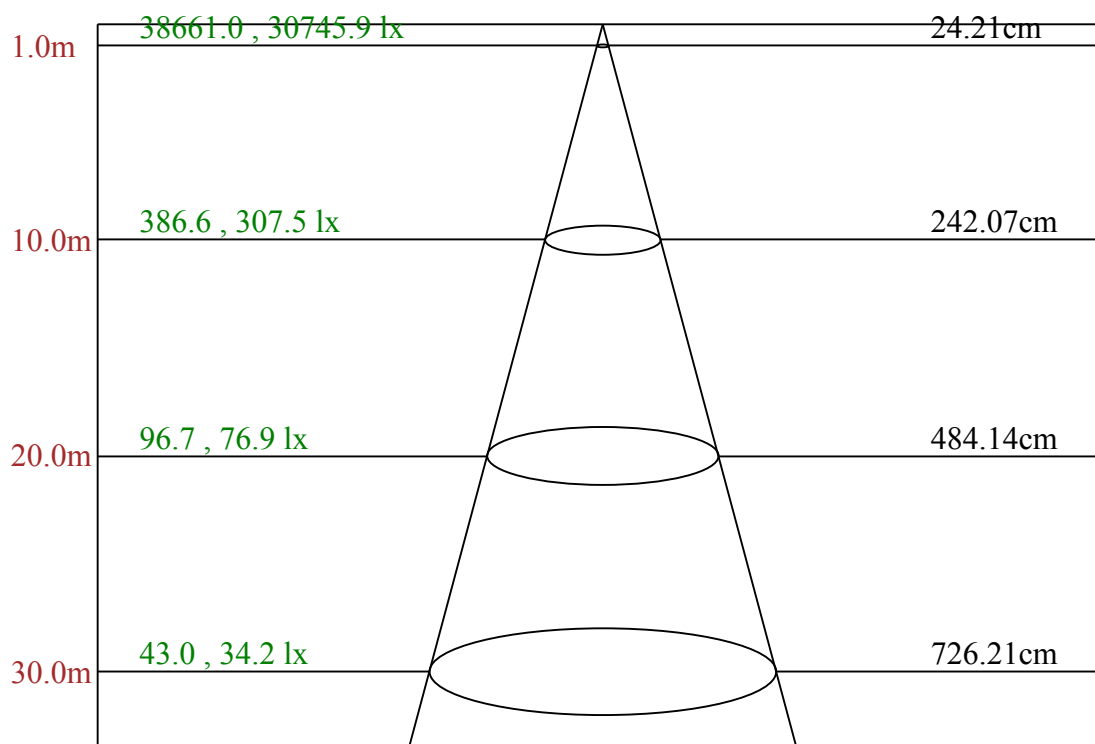
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/6
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

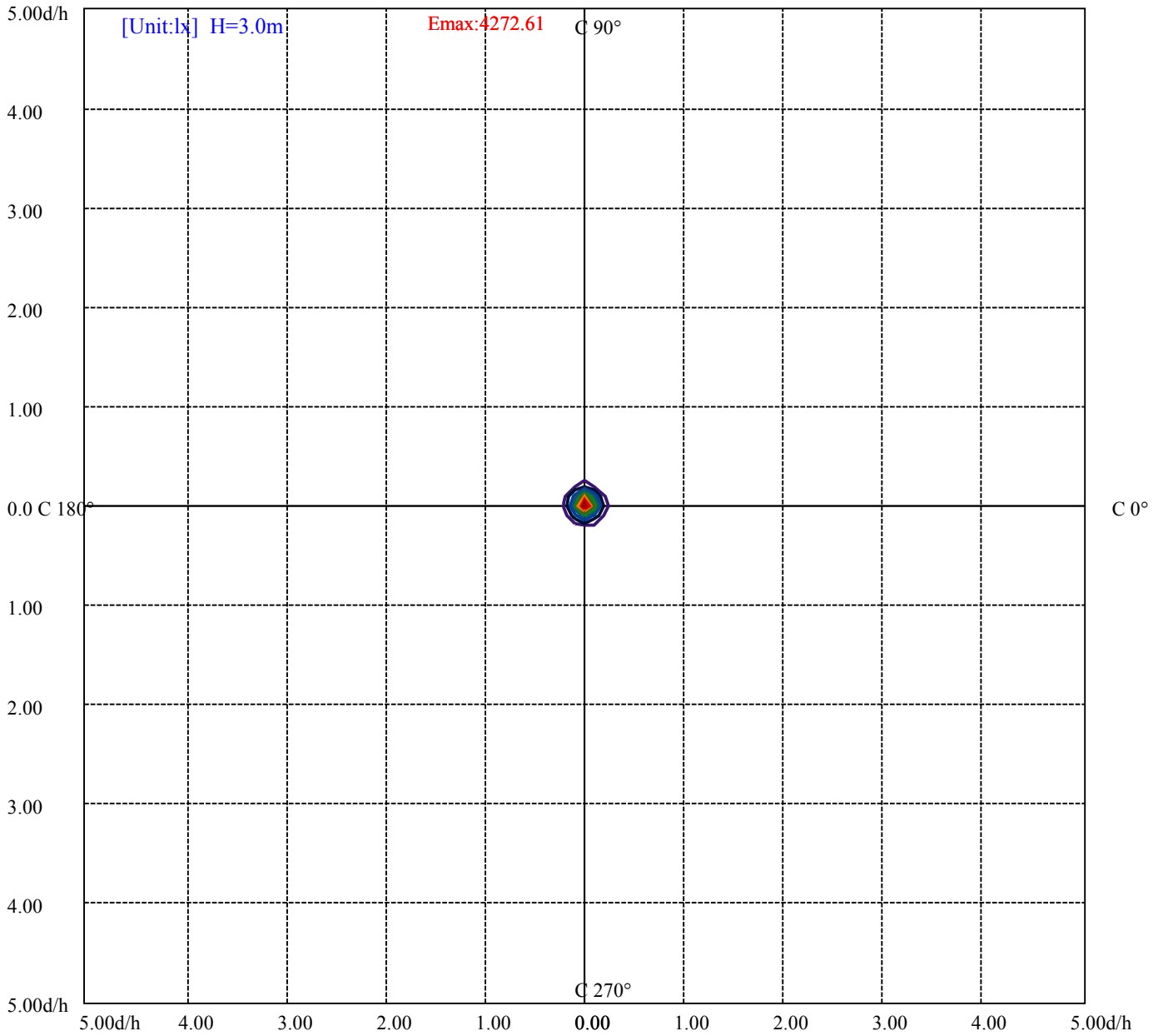


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角13.80

ROLED 投光灯
平面等照度曲线



- (10%Emax) 427.26
- (20%Emax) 854.52
- (30%Emax) 1281.778
- (40%Emax) 1709.044
- (50%Emax) 2136.3
- (60%Emax) 2563.556
- (70%Emax) 2990.822
- (80%Emax) 3418.078
- (90%Emax) 3845.333

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

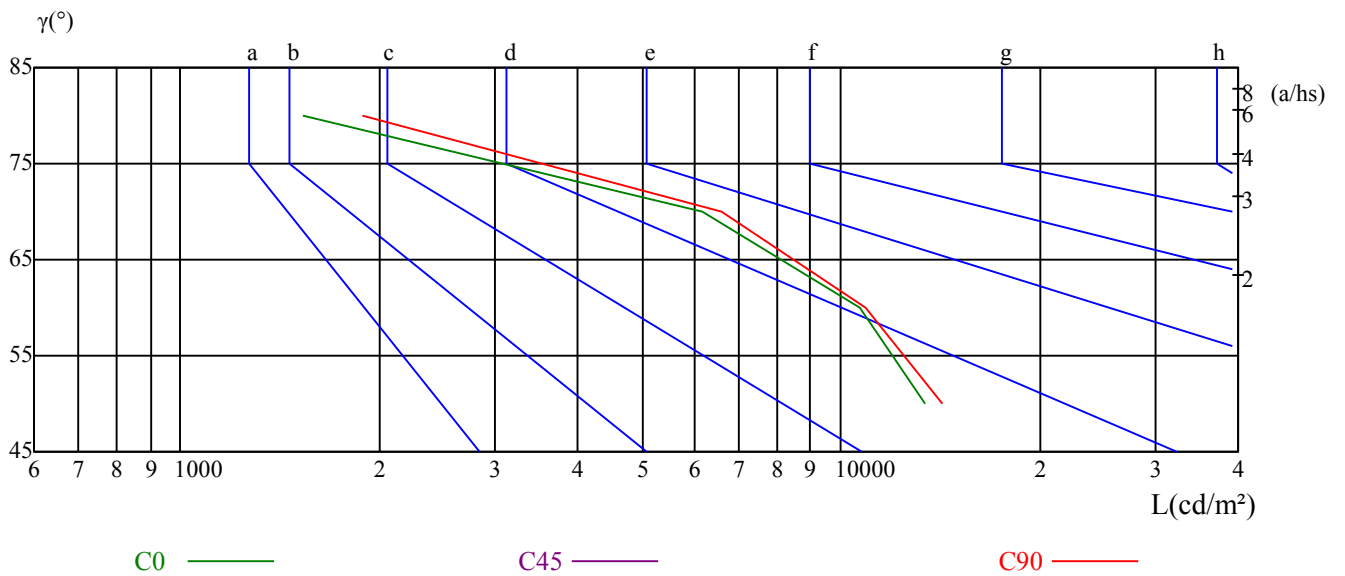
γ	45	50	55	60	65	70	75	80	85
C0	0	13432	0	10655	0	6165	0	1533	0
C45	0	0	0	0	0	0	0	0	0
C90	0	14299	0	10901	0	6614	0	1886	0

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



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	37173.40	35296.57	29441.20	21250.59	13630.82	7291.11	4497.48	2374.15	1667.53
30.0	38661.03	38254.53	33082.43	25133.99	16597.43	8882.52	4731.00	2742.60	1843.10
60.0	38245.88	37925.87	32874.85	24848.58	16050.81	8519.27	4327.96	2588.65	1701.60
90.0	37536.66	37796.13	33428.39	25376.17	16943.39	9332.27	5007.77	2853.31	1914.89
120.0	37614.50	36360.40	30513.67	22954.45	14250.96	7937.19	4308.93	2600.75	1718.38
150.0	37303.14	35607.93	30020.68	22245.23	13907.59	7714.91	4419.64	2584.32	1768.72
180.0	37173.40	34077.06	27477.87	16902.74	11417.54	5918.51	3359.27	2109.49	1516.78
210.0	38661.03	34691.14	26915.69	17220.16	9999.11	4967.12	2920.77	1833.59	1445.77
240.0	38245.88	34379.78	26915.69	18206.15	10352.85	5232.65	2897.42	1972.84	1453.90
270.0	37536.66	32658.62	25229.13	16571.48	9558.01	4930.79	2863.68	1726.08	1436.43
300.0	37614.50	33610.01	26958.93	18604.00	10984.23	6011.06	3386.08	2218.47	1599.20
330.0	37303.14	33584.07	26457.29	17012.58	10962.61	5928.89	3399.92	2210.68	1592.97
360.0	37173.40	35296.57	29441.20	21250.59	13630.82	7291.11	4497.48	2374.15	1667.53
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1255.83	1025.77	846.74	702.30	595.92	518.94	448.02	390.68	342.33
30.0	1382.98	1108.80	906.42	752.46	637.43	546.62	476.56	423.89	363.09
60.0	1362.13	1079.31	882.11	735.25	618.23	533.47	461.94	401.05	351.67
90.0	1416.71	1114.86	906.42	752.46	635.70	542.29	474.83	410.31	357.90
120.0	1370.78	1086.49	884.45	741.05	622.64	538.92	466.61	403.74	351.15
150.0	1333.68	1062.96	875.28	725.65	613.21	531.91	460.99	398.72	347.08
180.0	1177.13	962.20	794.24	663.98	571.18	493.77	432.19	373.98	327.88
210.0	1150.06	955.63	786.63	669.09	574.81	500.26	434.27	379.95	331.86
240.0	1144.26	952.25	792.25	664.24	571.70	499.05	436.77	379.43	331.69
270.0	1147.03	948.80	786.02	664.50	576.89	498.27	432.80	378.48	331.26
300.0	1252.38	1018.85	851.06	710.95	609.75	526.72	458.40	398.11	345.27
330.0	1250.82	1016.60	841.98	706.45	602.66	523.09	453.99	393.62	341.38
360.0	1255.83	1025.77	846.74	702.30	595.92	518.94	448.02	390.68	342.33
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	299.69	265.87	235.51	212.07	192.01	175.14	160.70	145.91	131.98
30.0	317.68	282.13	250.99	224.44	203.25	184.40	169.61	155.16	142.10
60.0	310.93	274.17	244.68	221.59	199.53	181.72	167.19	154.13	141.24
90.0	313.61	276.85	247.79	221.85	200.92	182.84	169.26	155.34	142.10
120.0	308.77	273.05	244.42	219.17	197.98	180.76	165.80	152.83	140.03
150.0	305.40	269.24	241.91	216.05	194.60	178.77	162.86	149.63	136.65
180.0	288.36	257.22	229.98	206.28	187.34	170.39	156.37	141.50	128.35
210.0	295.19	263.36	234.91	212.77	193.13	177.48	162.95	150.15	136.83
240.0	291.90	261.72	232.31	210.17	191.23	176.44	162.00	148.76	137.69
270.0	292.25	261.03	232.74	208.96	190.71	175.57	161.56	148.16	136.65
300.0	304.53	268.55	240.36	214.58	195.03	178.86	163.73	150.93	138.82
330.0	301.16	266.56	236.81	214.06	193.22	176.35	162.34	148.94	135.96
360.0	299.69	265.87	235.51	212.07	192.01	175.14	160.70	145.91	131.98
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	119.96	109.93	99.38	90.04	80.18	70.32	58.03	46.10	35.63
30.0	130.17	118.58	107.07	96.18	86.49	76.20	64.61	52.85	41.60
60.0	130.60	120.22	108.80	96.96	84.24	72.91	61.06	49.90	38.40
90.0	129.48	117.02	104.22	92.11	81.04	69.88	58.90	47.40	38.23
120.0	129.82	119.53	108.98	96.09	83.38	72.05	60.63	49.65	38.23
150.0	126.10	114.17	102.84	92.63	82.94	72.82	62.19	51.20	39.87
180.0	117.11	106.90	96.96	86.32	74.55	62.10	50.77	40.39	31.57
210.0	126.19	113.99	102.66	92.72	82.08	71.70	59.42	48.00	35.63
240.0	127.14	116.68	104.22	92.72	81.04	69.80	58.12	46.19	34.42
270.0	124.11	110.88	98.43	87.35	76.46	64.95	54.58	44.02	35.29
300.0	128.35	118.23	107.77	95.14	83.03	70.66	59.42	48.09	36.84
330.0	125.06	113.30	102.06	92.37	81.99	72.13	61.75	50.34	38.06
360.0	119.96	109.93	99.38	90.04	80.18	70.32	58.03	46.10	35.63

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	26.73	19.37	14.10	9.86	4.50	1.04	0.61	0.69	0.61
30.0	30.44	21.19	13.92	8.91	5.71	2.08	0.78	0.69	0.52
60.0	28.63	21.62	15.48	9.77	4.58	1.64	0.69	0.69	0.61
90.0	30.53	23.53	16.00	8.91	5.54	1.12	0.61	0.61	0.52
120.0	28.46	20.84	15.05	9.17	4.50	1.64	0.69	0.52	0.52
150.0	29.32	20.33	12.80	8.22	4.76	1.64	0.69	0.61	0.52
180.0	23.35	16.00	10.98	6.75	2.51	0.69	0.61	0.61	0.43
210.0	25.34	16.95	10.64	6.83	3.37	0.69	0.69	0.61	0.52
240.0	25.60	18.77	12.89	7.35	3.20	0.69	0.69	0.61	0.52
270.0	27.16	18.68	11.24	6.57	2.68	0.61	0.61	0.61	0.43
300.0	26.98	19.55	13.84	8.04	3.81	1.21	0.61	0.61	0.52
330.0	27.33	18.85	11.68	7.52	4.24	1.21	0.69	0.61	0.61
360.0	26.73	19.37	14.10	9.86	4.50	1.04	0.61	0.69	0.61
C/γ(°)	90.0								
0.0	0.61								
30.0	0.43								
60.0	0.43								
90.0	0.43								
120.0	0.43								
150.0	0.43								
180.0	0.43								
210.0	0.35								
240.0	0.43								
270.0	0.43								
300.0	0.43								
330.0	0.43								
360.0	0.61								