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ROLED

灯具名称: 投光灯
灯具描述: FWK2421C2.8-6-UN(3-XEG-6WN-AJ.P1)
报告编号: 电压(V): 219.6000
测试编号: 20230215002 电流(A): 0.3000
光源规格型号: XEG 功率(W): 59.6000
每个光源光通量(lm) 功率因数: 0.9040
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

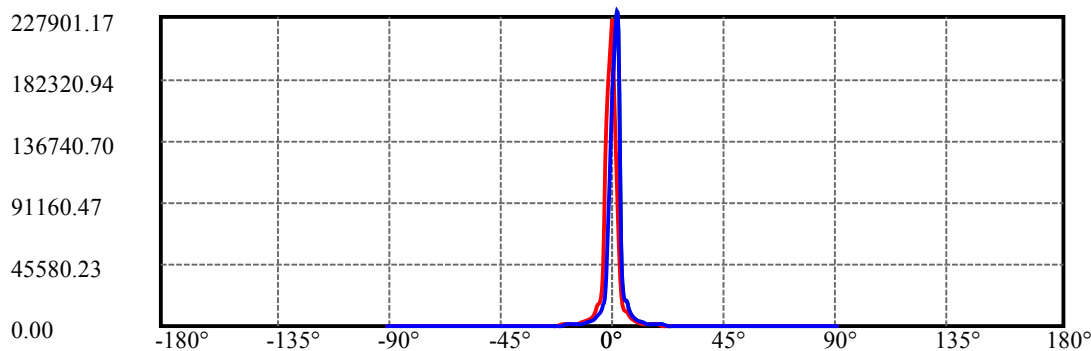
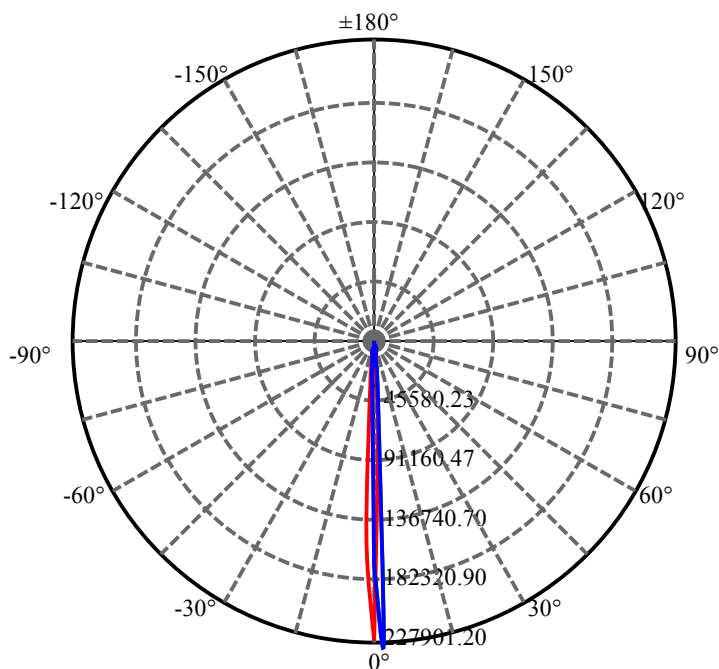
光度结果

灯具光通量(lm): 3191.46
灯具效能(lm/w): 53.55
中心光强(cd): 226949.800
最大光强(cd): 227901.200
最大光强角度: C=90.0 $\gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=4.1
 [C90/270]Total=4.9
光束扩散角(10%Imax): [C0/180]Total=9.0
 [C90/270]Total=9.9

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%

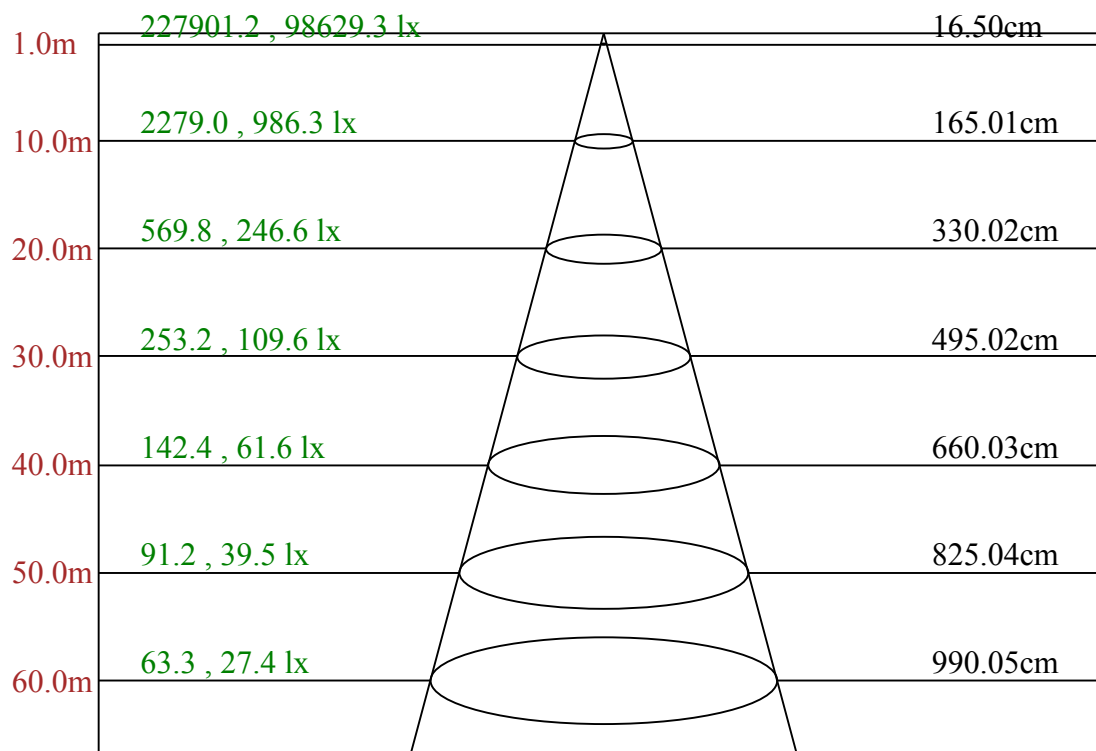
测试人员: 安培楼
测试距离(m): 9.30



C90(Max): ——
C0/C180: ——
C90/C270: ——

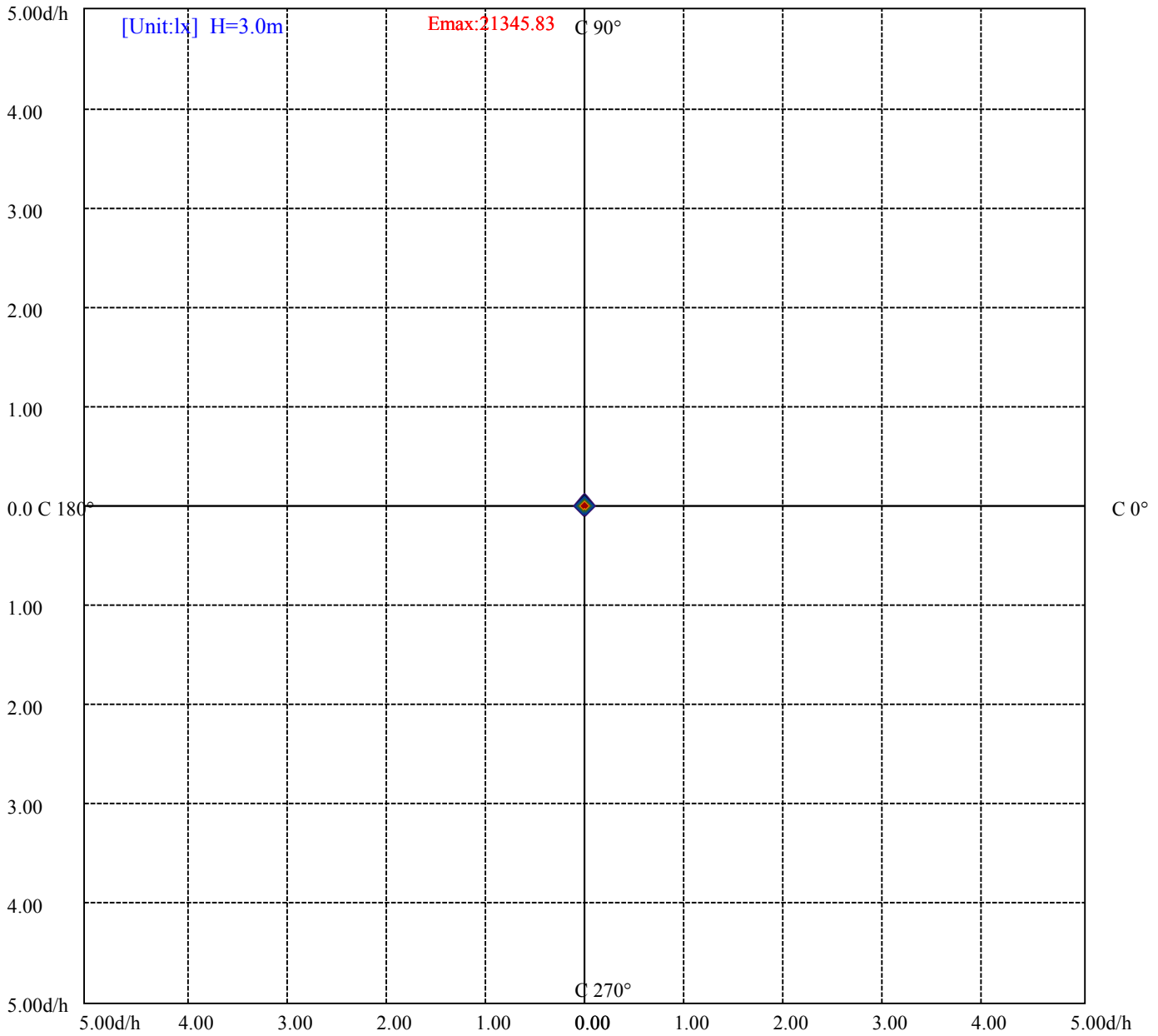
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照度距离图表



Max , Ave C90面光束角9.43

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平面等照度曲线



- (10%Emax) 2134.578
- (20%Emax) 4269.155
- (30%Emax) 6403.733
- (40%Emax) 8538.311
- (50%Emax) 10672.89
- (60%Emax) 12807.44
- (70%Emax) 14942
- (80%Emax) 17076.67
- (90%Emax) 19211.22

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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

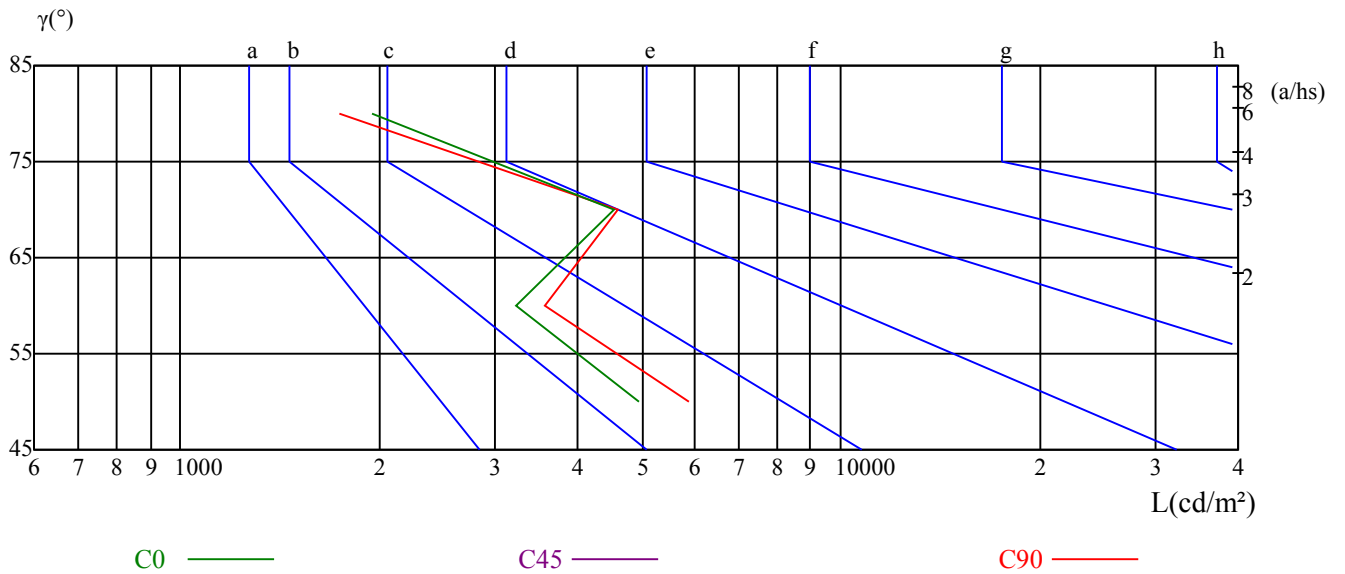
γ	45	50	55	60	65	70	75	80	85
C0	0	4960	0	3224	0	4549	0	1945	0
C45	0	0	0	0	0	0	0	0	0
C90	0	5908	0	3562	0	4609	0	1739	0

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	226949.76	80003.25	20152.17	9609.04	5180.75	3111.05	2068.84	1527.41	1168.48
30.0	161935.23	163033.65	46445.13	13059.99	6945.15	4471.53	2626.70	1824.94	1387.30
60.0	222279.30	171829.68	30236.90	13806.40	7013.47	4168.82	2665.62	1713.71	1418.52
90.0	169356.07	227901.15	44369.37	17280.70	8821.98	4929.93	3077.31	2114.68	1562.01
120.0	222711.75	166674.88	45952.14	17221.89	8669.76	4814.90	3026.29	2087.00	1564.26
150.0	164149.37	220290.03	67894.65	18534.81	8796.03	4973.18	3047.91	2054.14	1542.12
180.0	226949.76	149523.91	33411.09	13604.88	6790.33	3890.32	2536.75	1721.15	1361.79
210.0	161935.23	55682.26	16624.24	9218.97	5196.32	3172.45	2137.17	1610.70	1246.23
240.0	222279.30	52153.47	18327.23	8605.76	4929.93	3008.12	2029.92	1532.60	1201.35
270.0	169356.07	38790.77	14322.74	7311.86	4129.90	2623.24	1701.00	1397.59	1074.21
300.0	222711.75	53018.37	16441.75	8052.22	4471.53	2793.63	1861.26	1413.25	1078.53
330.0	164149.37	45441.85	16152.01	7796.21	4445.59	2735.68	1721.76	1383.75	1074.12
360.0	226949.76	80003.25	20152.17	9609.04	5180.75	3111.05	2068.84	1527.41	1168.48
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	883.93	682.41	510.29	409.10	321.74	266.56	227.21	195.47	164.50
30.0	1075.94	813.01	608.02	461.86	369.49	309.20	259.56	220.55	197.72
60.0	1085.88	811.02	606.55	469.38	367.58	302.72	253.07	224.70	193.05
90.0	1216.91	915.93	680.68	512.89	437.64	331.08	270.54	228.25	198.15
120.0	1203.25	907.19	692.53	522.14	411.95	325.63	270.97	234.99	199.88
150.0	1182.32	909.01	668.57	509.43	397.94	331.43	270.97	228.51	201.61
180.0	1040.39	787.75	588.74	452.34	362.22	296.75	258.17	220.81	184.57
210.0	953.29	734.56	550.85	432.45	356.25	291.38	247.88	216.74	191.49
240.0	917.66	700.57	537.10	438.50	337.74	281.44	246.24	213.20	182.06
270.0	831.86	630.77	483.13	389.55	329.79	264.57	227.73	196.42	166.41
300.0	829.44	630.51	480.02	384.10	311.28	259.82	229.54	205.59	164.76
330.0	816.21	617.19	474.66	372.51	306.52	257.57	217.70	190.45	164.33
360.0	883.93	682.41	510.29	409.10	321.74	266.56	227.21	195.47	164.50
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	142.62	126.28	110.71	97.30	84.41	72.22	62.96	53.88	45.06
30.0	163.90	142.62	129.82	107.85	94.01	81.91	72.82	65.56	55.70
60.0	160.78	138.12	119.27	105.34	90.64	78.01	68.15	61.41	54.14
90.0	167.88	146.95	132.42	112.87	96.44	83.64	72.82	64.18	55.09
120.0	169.87	146.77	128.96	114.25	99.12	85.19	74.73	65.30	56.30
150.0	171.94	151.18	137.26	112.61	96.61	84.93	73.86	64.61	54.92
180.0	157.58	138.64	121.43	105.52	92.80	81.04	71.35	63.22	54.75
210.0	164.07	145.22	121.09	105.69	92.20	81.39	72.57	64.00	54.92
240.0	155.94	136.74	119.36	105.43	91.07	79.05	71.18	62.71	53.10
270.0	145.91	131.12	116.16	98.25	84.76	74.81	67.12	58.47	48.95
300.0	143.05	124.55	108.80	95.40	83.72	73.52	65.56	58.90	51.29
330.0	143.66	130.25	109.76	93.41	81.82	70.92	62.27	53.80	46.27
360.0	142.62	126.28	110.71	97.30	84.41	72.22	62.96	53.88	45.06
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	37.62	33.04	29.67	27.24	25.08	23.44	21.62	23.35	26.29
30.0	46.79	40.30	35.46	32.17	31.22	31.22	26.73	23.09	22.14
60.0	46.88	39.35	34.94	31.31	30.10	28.37	22.66	19.89	22.83
90.0	46.36	39.09	33.21	30.10	27.33	25.00	25.17	23.01	26.64
120.0	47.83	40.82	35.46	31.31	28.54	26.55	24.82	25.00	27.59
150.0	47.74	40.65	35.46	31.31	28.46	26.90	29.23	25.08	25.43
180.0	47.22	40.04	35.20	32.61	31.66	32.95	30.27	27.85	26.81
210.0	47.05	40.56	36.41	33.99	31.91	31.48	30.96	30.79	29.58
240.0	45.41	39.27	34.51	30.79	28.11	26.21	24.39	26.03	30.27
270.0	41.60	35.03	31.48	29.49	30.36	31.48	26.81	23.27	23.27
300.0	44.28	36.67	33.47	31.57	31.74	30.96	28.02	27.16	28.54
330.0	39.79	34.60	31.31	29.32	27.42	28.02	25.95	26.98	30.10
360.0	37.62	33.04	29.67	27.24	25.08	23.44	21.62	23.35	26.29

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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	24.91	21.02	16.69	12.80	5.71	0.52	0.26	0.26	0.26
30.0	21.10	19.63	19.89	15.83	6.57	2.77	0.26	0.35	0.26
60.0	15.05	12.28	8.13	6.57	3.81	1.73	0.35	0.26	0.26
90.0	30.27	23.09	20.93	11.68	5.10	2.51	0.26	0.35	0.26
120.0	31.91	33.30	27.33	16.69	9.51	2.77	0.43	0.35	0.35
150.0	31.22	39.87	41.08	22.75	10.81	3.03	0.52	0.35	0.26
180.0	21.62	23.01	17.64	5.45	3.03	1.30	0.35	0.35	0.26
210.0	25.00	22.31	16.52	5.88	2.51	1.21	0.26	0.35	0.17
240.0	36.07	26.73	17.38	10.98	5.79	1.04	0.26	0.35	0.26
270.0	18.77	16.43	11.24	6.75	1.90	0.35	0.26	0.26	0.26
300.0	28.28	19.29	16.69	9.34	3.46	1.12	0.35	0.26	0.26
330.0	27.33	23.18	18.34	8.65	4.58	0.61	0.26	0.35	0.35
360.0	24.91	21.02	16.69	12.80	5.71	0.52	0.26	0.26	0.26
C/γ(°)	90.0								
0.0	0.26								
30.0	0.26								
60.0	0.26								
90.0	0.26								
120.0	0.26								
150.0	0.26								
180.0	0.26								
210.0	0.17								
240.0	0.26								
270.0	0.17								
300.0	0.17								
330.0	0.35								
360.0	0.26								