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ROLED

灯具名称: 投光灯
灯具描述: FWK2211C1.8-3-24DC(10-XPG-3WN-AJ.P1)
报告编号: 电压(V): 23.7000
测试编号: 20221215003 电流(A): 0.8070
光源规格型号: XPG 功率(W): 19.2000
每个光源光通量(lm) 功率因数: 1.0230
光源数量: 3 镇流器型号:
发光面长度(mm): 55 发光面宽度 (mm): 55
测试模式: C 发光面高度(mm): 0

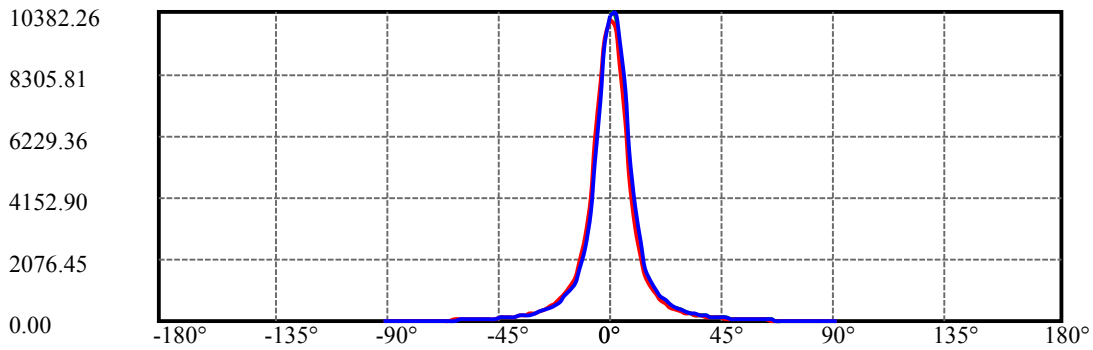
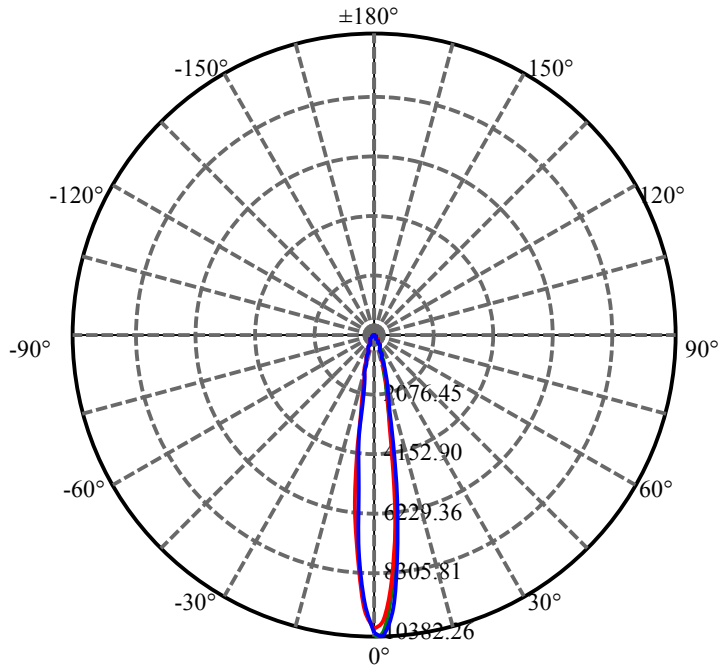
光度结果

灯具光通量(lm): 1468.51
灯具效能(lm/w): 76.48
中心光强(cd): 10125.380
最大光强(cd): 10382.260
最大光强角度: C=60.0 γ =0.0
半峰边角(50%Imax): [C0/180]Total=14.8
 [C90/270]Total=14.8
光束扩散角(10%Imax): [C0/180]Total=34.6
 [C90/270]Total=34.3

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2022/12/15
环境湿度(%): 60.0%

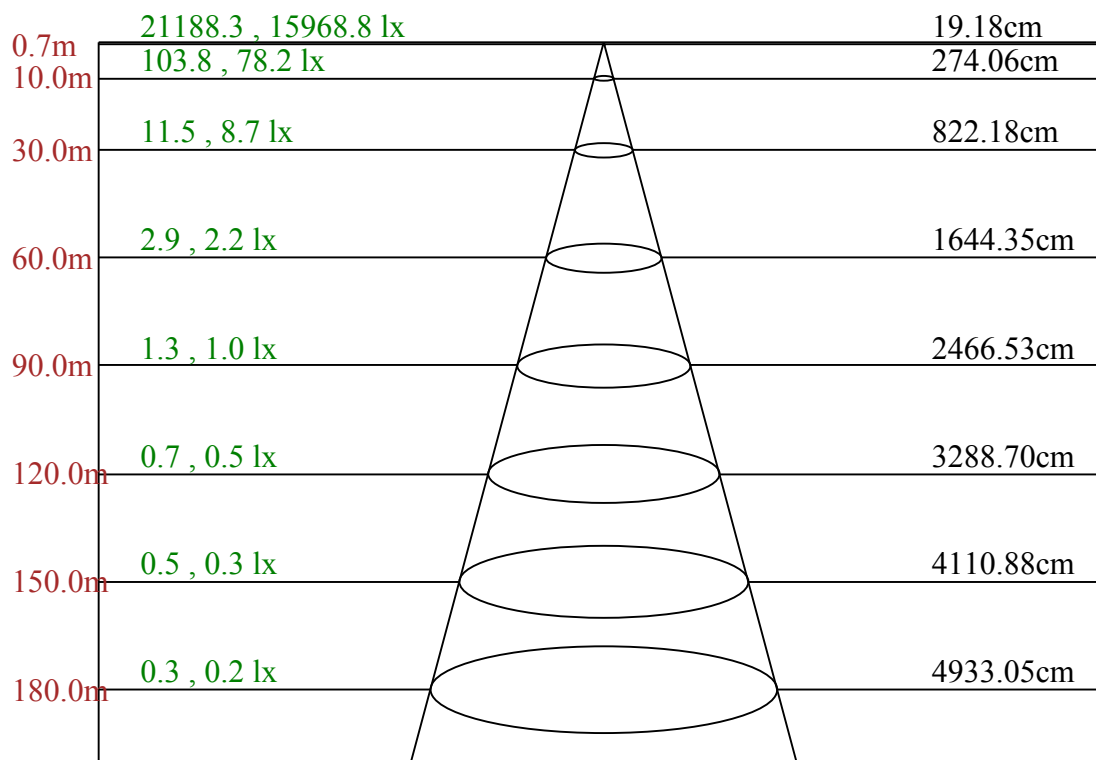
测试人员: 安培楼
测试距离(m): 9.30



C60(Max): ——
C0/C180: ——
C90/C270: ——

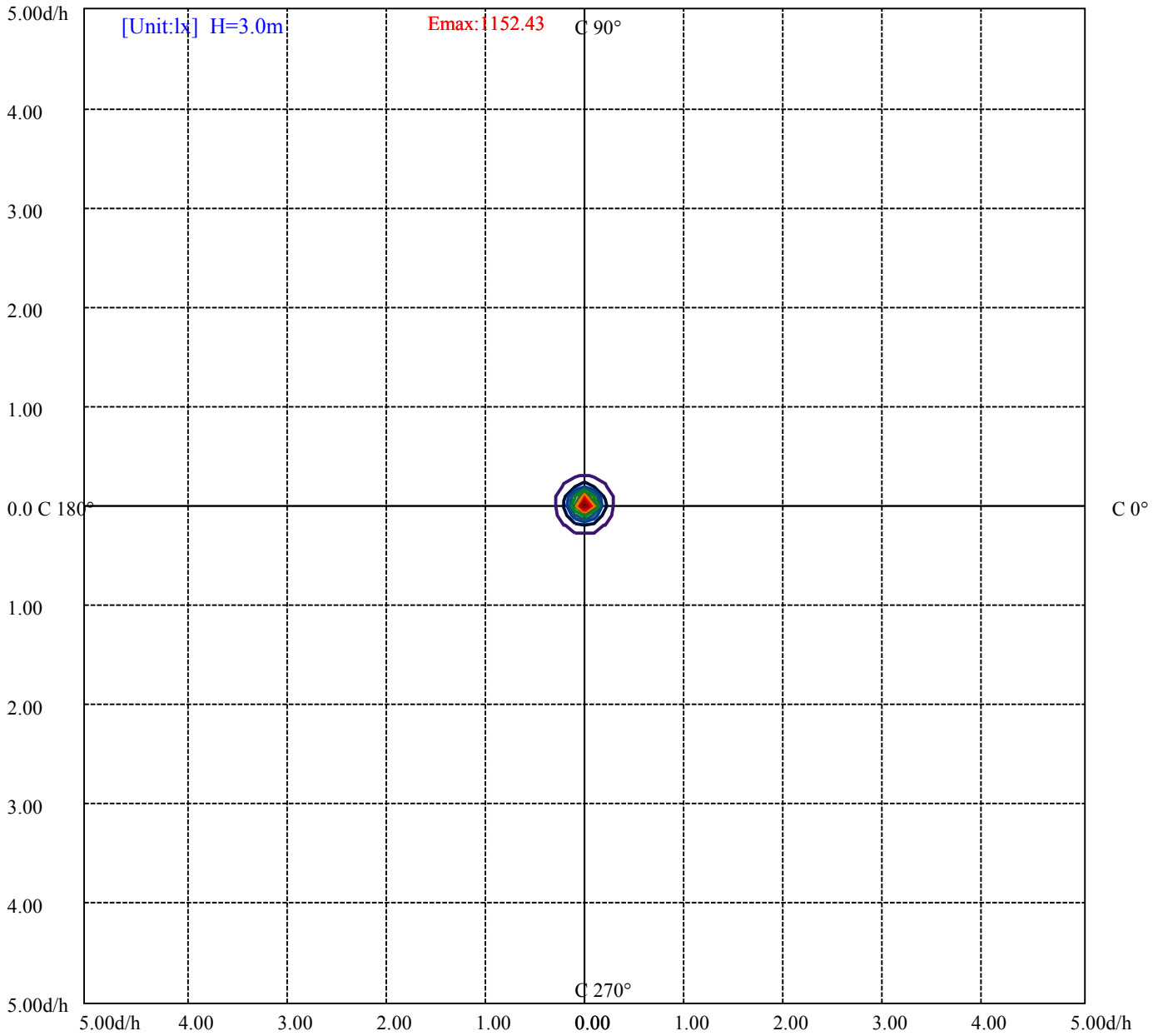
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照度距离图表



Max , Ave C60面光束角15.60

ROLED 投光灯
平面等照度曲线



- (10%Emax) 115.2433
- (20%Emax) 230.4856
- (30%Emax) 345.7289
- (40%Emax) 460.9722
- (50%Emax) 576.2145
- (60%Emax) 691.4578
- (70%Emax) 806.7011
- (80%Emax) 921.9434
- (90%Emax) 1037.187

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

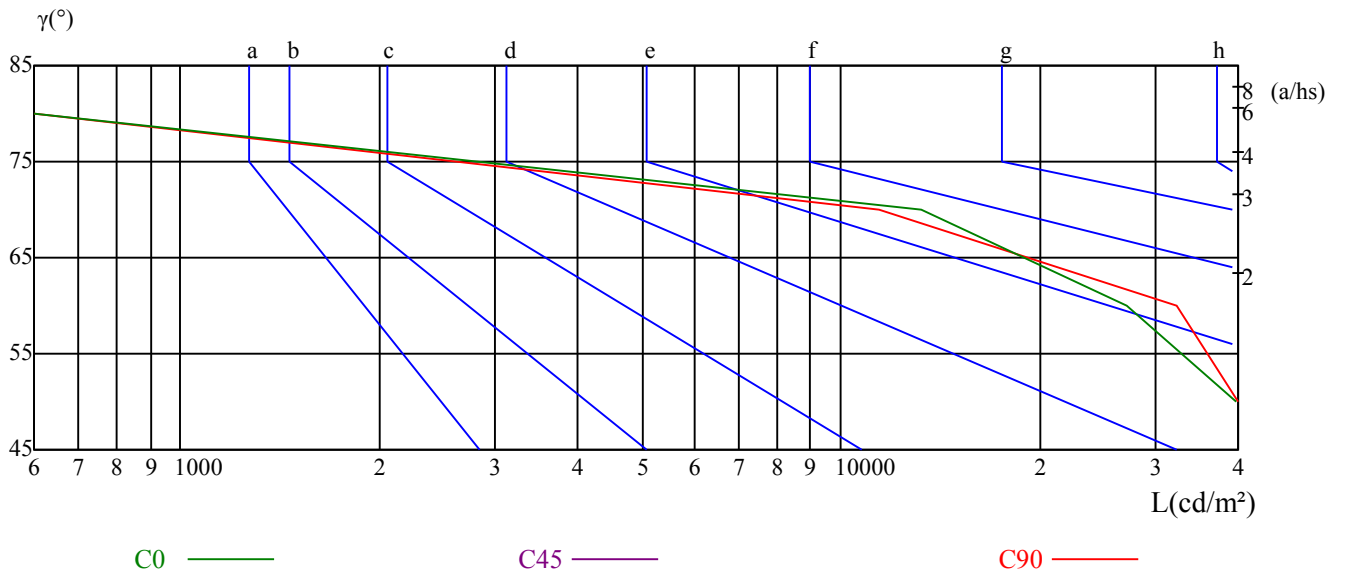
γ	45	50	55	60	65	70	75	80	85
C0	0	39855	0	27105	0	13208	0	329	0
C45	0	0	0	0	0	0	0	0	0
C90	0	44258	0	32194	0	11453	0	494	0

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	0	0	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



ROLED 投光灯

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	10125.38	9781.15	8571.16	6657.14	4779.44	3136.13	2145.82	1534.33	1175.40
30.0	10361.50	10117.60	8880.79	7014.34	4967.99	3336.78	2311.88	1635.53	1246.32
60.0	10382.26	10198.90	8970.74	7179.53	5128.86	3530.52	2374.15	1708.18	1276.07
90.0	10267.23	10326.04	9424.82	7730.48	5660.77	3849.67	2644.86	1831.86	1369.14
120.0	10300.96	10160.85	8980.26	7226.24	5193.72	3597.12	2435.56	1707.40	1319.49
150.0	10188.52	9993.92	8829.76	7024.72	5015.56	3463.06	2368.96	1686.56	1287.84
180.0	10125.38	9438.65	7997.73	6040.46	4180.93	2837.74	2010.89	1489.10	1167.96
210.0	10361.50	9600.39	8047.03	5969.54	4124.71	2816.98	1951.21	1462.98	1149.28
240.0	10382.26	9539.85	7850.70	5851.91	3976.81	2709.73	1838.78	1390.76	1083.72
270.0	10267.23	9200.81	7443.33	5320.00	3657.66	2442.48	1722.79	1300.98	1031.05
300.0	10300.96	9439.52	7847.24	5744.67	3895.51	2650.05	1828.40	1356.16	1056.04
330.0	10188.52	9405.79	7850.70	5788.78	3960.38	2682.05	1715.01	1369.57	1055.78
360.0	10125.38	9781.15	8571.16	6657.14	4779.44	3136.13	2145.82	1534.33	1175.40
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	917.66	736.89	595.05	482.61	402.09	332.04	277.98	235.25	201.35
30.0	977.34	781.00	631.38	518.94	437.64	352.36	297.53	251.08	215.53
60.0	995.15	793.63	642.79	527.76	432.19	361.10	302.37	255.49	218.56
90.0	1062.96	844.14	680.68	558.73	456.67	377.79	318.02	266.74	228.51
120.0	1031.22	822.61	665.37	546.27	446.55	371.91	308.25	258.17	218.73
150.0	1013.66	806.95	649.54	531.91	436.77	356.77	298.56	249.70	212.59
180.0	931.58	749.18	606.81	497.66	405.98	334.63	280.57	235.25	201.35
210.0	911.69	738.71	605.78	491.70	404.25	332.90	279.80	237.07	202.30
240.0	871.82	704.89	572.56	469.64	387.30	320.79	266.91	228.42	195.64
270.0	822.52	668.22	548.00	445.08	370.44	303.41	255.84	217.18	185.52
300.0	849.33	685.87	562.19	455.80	375.80	311.10	261.81	221.76	190.02
330.0	845.96	683.53	558.55	453.12	373.03	308.34	259.99	220.72	188.63
360.0	917.66	736.89	595.05	482.61	402.09	332.04	277.98	235.25	201.35
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	174.71	152.65	134.32	118.66	106.47	95.23	85.80	77.50	69.36
30.0	186.39	162.43	142.79	127.40	113.56	101.37	91.68	82.68	74.55
60.0	190.19	165.97	146.69	131.46	117.37	105.17	94.97	86.23	78.01
90.0	196.59	171.08	149.89	133.37	118.40	105.69	95.23	86.06	77.75
120.0	189.07	163.64	143.14	126.88	112.26	99.81	89.26	80.78	72.91
150.0	181.28	156.29	135.96	120.05	106.12	94.01	84.33	75.85	68.33
180.0	171.68	149.97	131.55	116.16	103.96	92.80	83.98	74.81	66.86
210.0	175.92	154.04	136.22	120.65	107.77	96.52	87.35	79.14	71.35
240.0	169.87	148.68	131.21	116.50	104.91	94.45	85.19	77.67	69.88
270.0	161.48	141.50	125.41	111.23	99.38	88.65	79.31	70.40	61.84
300.0	164.85	144.52	127.57	113.13	101.89	91.51	82.17	74.55	66.42
330.0	164.07	143.66	127.05	111.92	100.59	89.86	80.87	73.60	66.25
360.0	174.71	152.65	134.32	118.66	106.47	95.23	85.80	77.50	69.36
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	61.23	54.06	47.40	41.00	35.37	29.49	23.78	18.08	13.67
30.0	67.20	60.28	53.19	46.45	40.39	34.16	28.11	21.45	16.26
60.0	70.92	64.18	57.86	52.24	46.27	39.18	31.40	24.04	16.87
90.0	70.32	63.74	57.00	48.69	40.39	32.78	25.51	17.47	11.85
120.0	66.08	59.76	53.71	48.00	42.03	35.11	28.02	21.36	14.62
150.0	61.58	55.35	48.78	42.99	37.10	31.14	25.43	19.46	14.79
180.0	58.81	51.98	45.41	39.09	33.21	27.33	21.19	16.17	11.42
210.0	64.44	57.26	49.90	43.25	37.36	30.96	24.65	18.42	12.71
240.0	62.01	54.75	48.43	42.21	36.33	30.70	24.74	19.37	13.84
270.0	54.92	48.26	41.86	35.72	30.19	24.82	19.72	15.48	11.42
300.0	58.55	51.55	45.49	39.44	34.16	28.46	23.01	17.82	13.58
330.0	59.76	53.45	46.88	40.39	34.68	28.80	22.75	17.13	11.68
360.0	61.23	54.06	47.40	41.00	35.37	29.49	23.78	18.08	13.67

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	8.48	4.67	2.08	0.26	0.17	0.17	0.00	0.00	0.00
30.0	11.50	7.18	3.29	0.78	0.26	0.17	0.00	0.09	0.00
60.0	10.98	6.75	3.63	1.56	0.43	0.09	0.09	0.09	0.00
90.0	7.96	5.54	3.11	1.04	0.26	0.09	0.17	0.09	0.00
120.0	9.51	6.40	3.37	1.47	0.26	0.09	0.09	0.09	0.00
150.0	10.47	6.31	2.68	0.52	0.26	0.17	0.09	0.00	0.09
180.0	6.40	3.55	0.86	0.26	0.09	0.00	0.00	0.09	0.00
210.0	8.74	5.10	2.68	0.69	0.17	0.17	0.09	0.00	0.00
240.0	9.17	4.41	1.56	0.43	0.17	0.09	0.00	0.00	0.00
270.0	6.57	1.47	0.35	0.17	0.09	0.09	0.00	0.00	0.00
300.0	8.82	4.07	1.21	0.26	0.09	0.09	0.09	0.09	0.00
330.0	8.04	4.93	2.59	0.52	0.17	0.09	0.09	0.00	0.00
360.0	8.48	4.67	2.08	0.26	0.17	0.17	0.00	0.00	0.00
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.00								
120.0	0.00								
150.0	0.00								
180.0	0.00								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.00								