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## ROLED

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灯具名称: 投光灯  
灯具描述: FWK2211C1.8-3-24DC(15-XPG-3WN-AJ.P1)  
报告编号: 电压(V): 23.7000  
测试编号: 20221215004 电流(A): 0.8070  
光源规格型号: XPG 功率(W): 19.1000  
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

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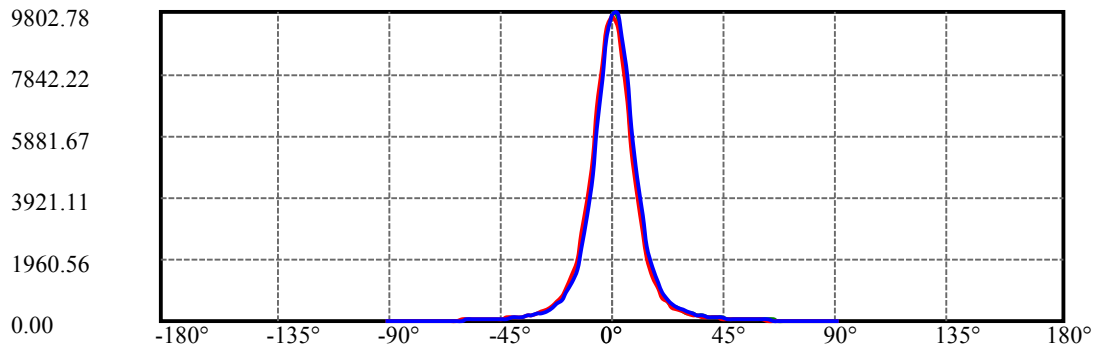
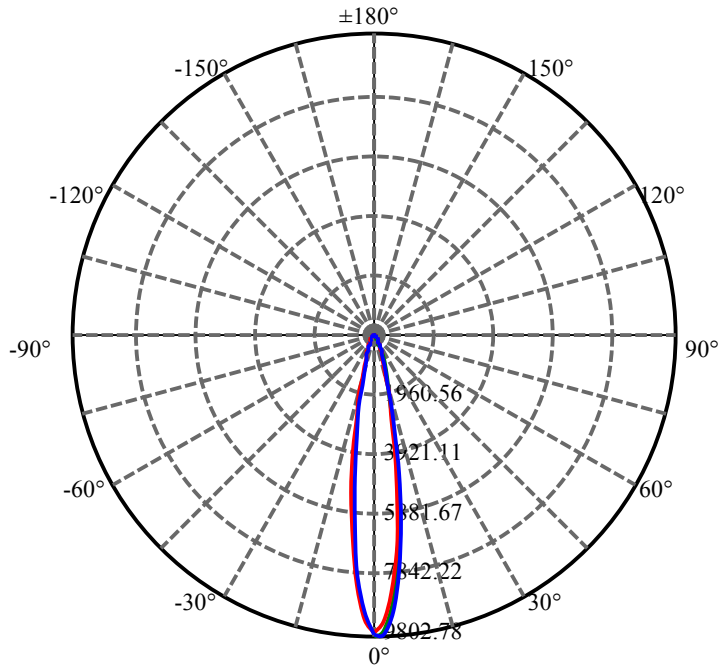
灯具光通量(lm): 1551.10  
灯具效能(lm/w): 81.21  
中心光强(cd): 9692.069  
最大光强(cd): 9802.777  
最大光强角度: C=60.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=17.3  
[C90/270]Total=17.3  
光束扩散角(10%Imax): [C0/180]Total=36.9  
[C90/270]Total=37.0

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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%

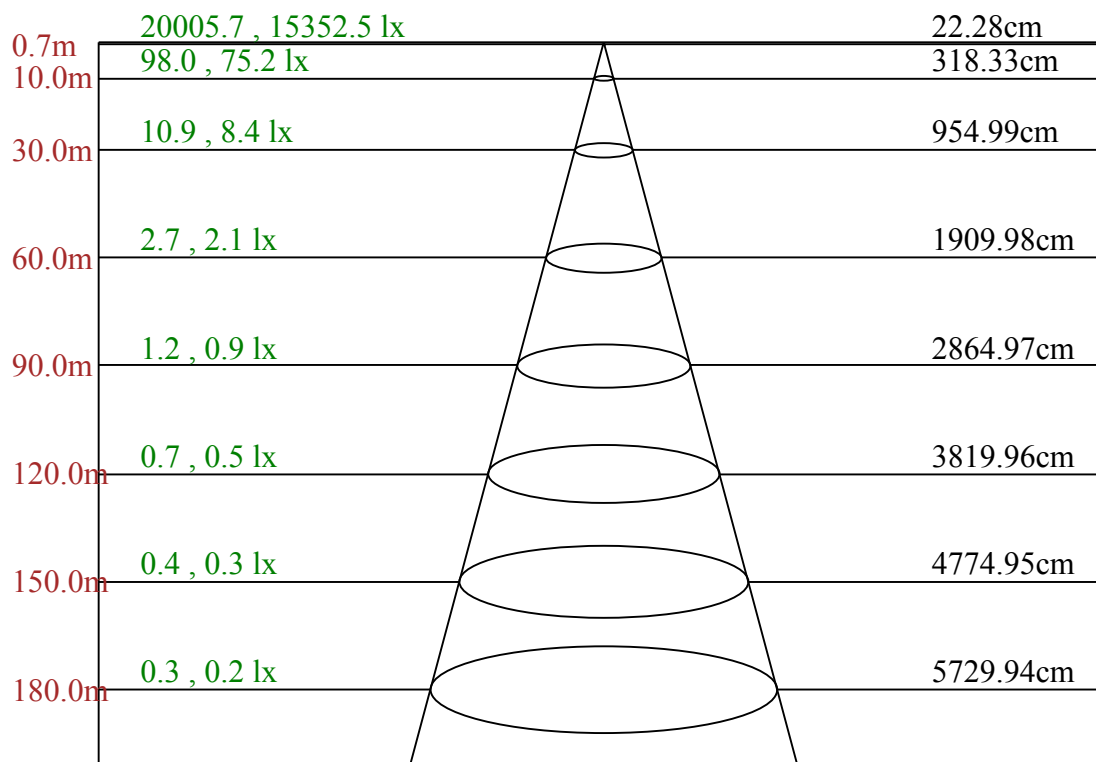
测试人员: 安培楼  
测试距离(m): 9.30



C60(Max): ————  
C0/C180: ————  
C90/C270: ————

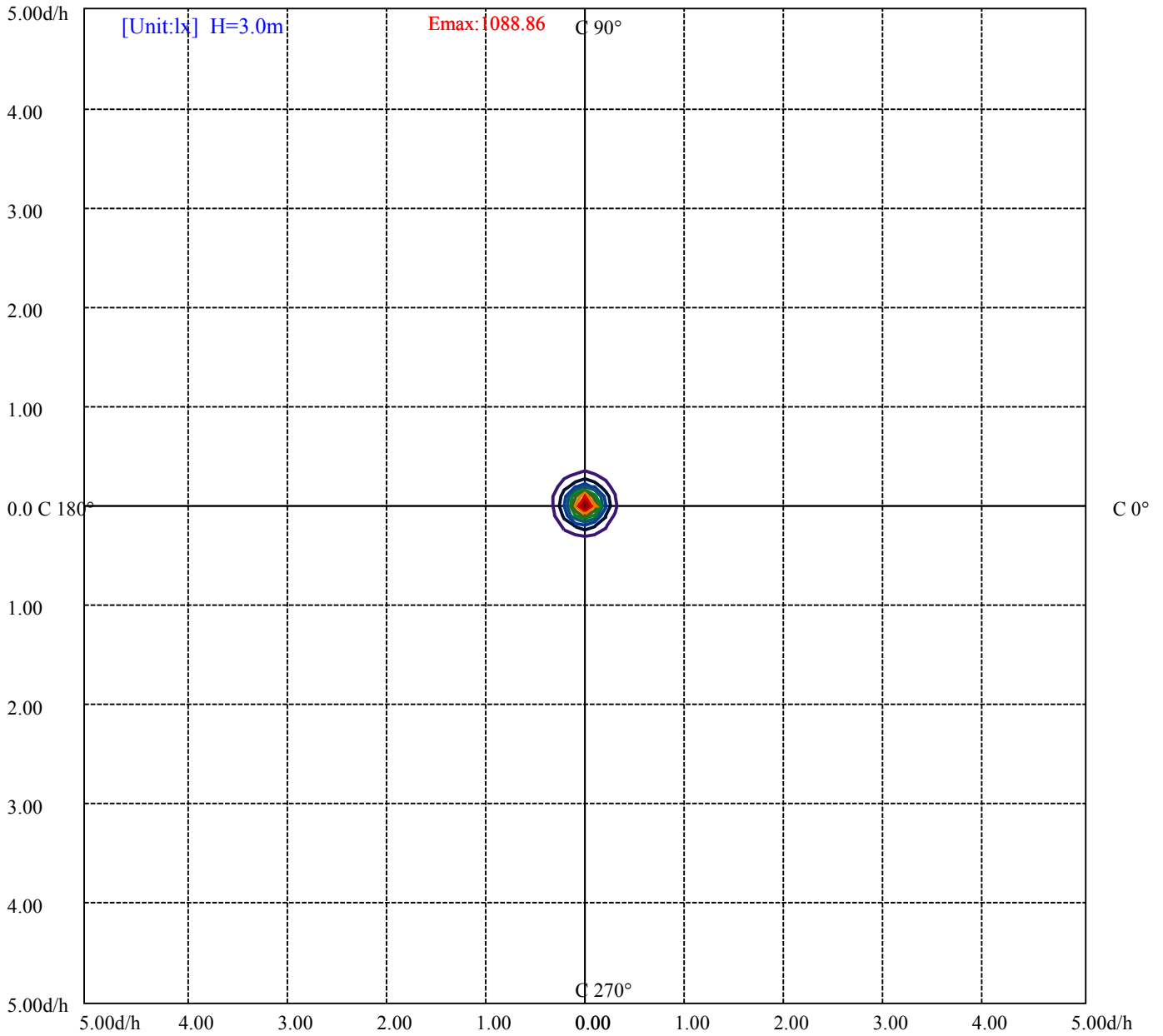
ROLED 投光灯

照度距离图表



Max , Ave C60面光束角18.09

ROLED 投光灯  
平面等照度曲线



(10%Emax) 108.8859	——
(20%Emax) 217.7722	——
(30%Emax) 326.6578	——
(40%Emax) 435.5433	——
(50%Emax) 544.43	——
(60%Emax) 653.3156	——
(70%Emax) 762.2011	——
(80%Emax) 871.0878	——
(90%Emax) 979.9733	——

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

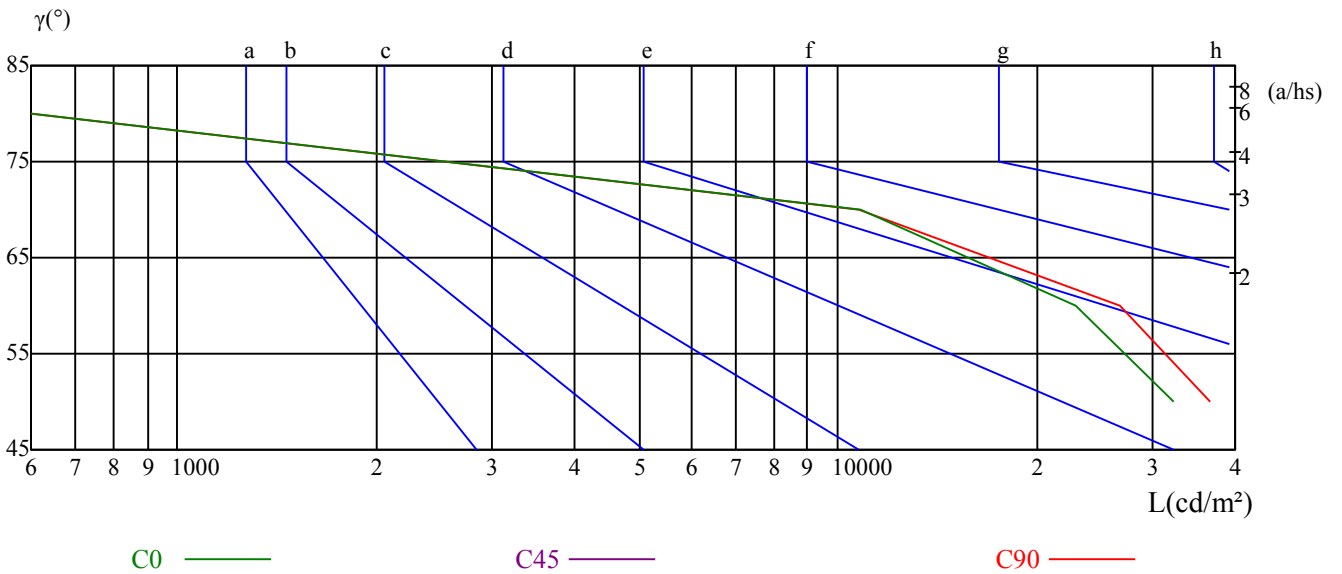
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	32293	0	22873	0	10868	0	329	164
C45	0	0	0	0	0	0	0	0	0
C90	0	36563	0	26819	0	10784	0	494	0

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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	9692.07	9334.87	8381.75	6913.15	5428.98	4003.62	2822.17	1981.49	1401.14
30.0	9796.72	9533.79	8602.30	7202.89	5602.82	4133.36	3011.58	2111.22	1495.41
60.0	9802.78	9605.58	8628.24	7267.75	5672.01	4276.07	3047.04	2137.17	1550.51
90.0	9730.13	9737.04	9010.53	7710.58	6120.03	4585.70	3366.19	2362.04	1696.07
120.0	9767.32	9639.31	8742.41	7419.98	5832.02	4417.91	3170.72	2228.85	1621.69
150.0	9694.66	9588.28	8727.71	7394.03	5812.99	4398.88	3176.78	2234.90	1612.17
180.0	9692.07	9233.67	8143.03	6751.41	5191.99	3825.45	2774.60	1965.05	1442.48
210.0	9796.72	9273.46	8175.03	6629.42	5161.72	3764.91	2651.78	1698.92	1373.63
240.0	9802.78	9221.56	8015.89	6534.32	4978.36	3678.42	2530.70	1818.88	1300.81
270.0	9730.13	8968.15	7685.50	6075.06	4642.78	3334.19	2331.77	1669.00	1212.07
300.0	9767.32	9113.45	7935.46	6356.15	4807.11	3540.04	2482.26	1751.42	1253.24
330.0	9694.66	9067.61	7886.16	6315.50	4794.14	3513.22	2454.59	1714.66	1239.49
360.0	9692.07	9334.87	8381.75	6913.15	5428.98	4003.62	2822.17	1981.49	1401.14
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1020.58	755.92	585.54	454.94	361.87	292.94	242.60	203.51	172.29
30.0	1101.02	812.14	621.00	485.21	388.17	313.27	260.42	217.35	183.62
60.0	1121.95	826.33	632.24	501.30	396.64	322.87	264.23	220.29	186.65
90.0	1221.24	898.63	682.41	538.83	439.37	342.85	283.43	233.61	198.15
120.0	1175.23	869.66	664.85	524.04	412.82	334.89	273.74	225.91	190.45
150.0	1170.21	861.44	654.73	515.48	438.50	327.45	267.34	220.38	185.95
180.0	1037.97	786.28	605.69	477.08	375.80	302.80	251.34	208.96	176.27
210.0	995.85	750.73	583.46	453.55	362.13	293.11	243.90	204.81	175.06
240.0	956.58	717.87	553.54	441.10	347.95	283.00	232.40	197.54	167.36
270.0	885.74	674.45	526.46	409.44	329.96	267.86	223.23	187.86	158.97
300.0	926.31	697.11	537.97	440.23	338.26	275.30	228.16	191.58	162.51
330.0	910.83	687.77	535.37	414.98	332.38	270.02	224.79	188.98	159.92
360.0	1020.58	755.92	585.54	454.94	361.87	292.94	242.60	203.51	172.29
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	147.98	127.92	111.23	97.30	86.92	77.67	69.80	62.79	56.48
30.0	158.54	136.48	118.40	103.87	92.37	82.08	73.95	66.51	60.20
60.0	161.22	139.25	121.43	107.51	95.40	85.19	76.37	69.28	62.62
90.0	168.31	146.17	126.79	111.75	98.60	87.79	79.05	71.09	64.18
120.0	161.74	139.77	120.65	106.04	93.06	82.60	73.60	66.51	60.28
150.0	157.50	134.15	115.12	100.67	88.22	77.93	69.54	62.27	55.79
180.0	150.06	129.65	112.00	98.51	86.75	77.06	68.93	61.67	54.58
210.0	149.54	129.48	113.22	99.46	88.22	78.71	70.92	64.09	57.86
240.0	143.75	124.46	109.06	95.48	85.28	76.20	68.24	62.10	56.05
270.0	136.83	118.40	103.62	91.07	80.87	71.87	63.92	56.91	50.16
300.0	139.34	120.22	104.83	91.94	82.17	73.52	65.99	59.85	53.88
330.0	137.52	118.84	103.87	90.30	80.52	71.79	64.44	58.55	52.93
360.0	147.98	127.92	111.23	97.30	86.92	77.67	69.80	62.79	56.48
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	50.16	44.80	39.70	34.60	30.01	25.34	20.50	15.14	11.24
30.0	54.49	49.39	44.11	38.57	33.56	28.37	23.27	18.60	13.58
60.0	57.34	52.15	47.48	43.16	38.49	33.21	26.47	20.41	14.62
90.0	58.03	52.76	47.22	40.56	33.90	27.50	21.97	15.83	11.16
120.0	54.49	49.65	45.06	41.00	36.41	30.79	23.87	18.60	13.41
150.0	50.08	45.23	40.30	35.46	30.70	26.21	21.71	17.21	12.71
180.0	48.52	42.73	37.71	32.95	28.11	23.70	18.60	13.75	9.77
210.0	52.33	46.79	40.91	35.37	30.70	25.60	20.84	15.65	10.64
240.0	49.99	44.54	39.53	34.68	30.01	25.34	20.41	15.65	11.42
270.0	44.63	39.53	34.34	29.49	25.00	20.24	16.09	12.28	8.82
300.0	47.83	42.38	37.36	32.61	28.28	23.78	19.20	14.88	11.33
330.0	48.35	43.85	38.83	33.64	28.97	24.13	19.37	14.36	9.60
360.0	50.16	44.80	39.70	34.60	30.01	25.34	20.50	15.14	11.24

# 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	7.01	3.72	1.82	0.35	0.17	0.09	0.00	0.09	0.00
30.0	9.17	5.62	3.03	0.86	0.17	0.09	0.00	0.00	0.00
60.0	9.77	6.23	3.37	1.56	0.35	0.09	0.09	0.09	0.00
90.0	7.18	4.76	2.85	1.04	0.26	0.09	0.09	0.09	0.00
120.0	9.08	6.14	3.20	1.38	0.35	0.00	0.09	0.09	0.00
150.0	8.48	5.19	2.34	0.61	0.09	0.00	0.00	0.00	0.00
180.0	5.36	2.94	0.95	0.26	0.00	0.00	0.00	0.00	0.00
210.0	7.27	4.07	2.25	0.52	0.17	0.00	0.00	0.00	0.00
240.0	7.44	3.89	1.47	0.35	0.09	0.00	0.00	0.00	0.00
270.0	5.10	1.47	0.35	0.00	0.09	0.00	0.00	0.00	0.00
300.0	7.27	3.63	1.12	0.17	0.00	0.09	0.00	0.00	0.00
330.0	6.49	3.89	2.16	0.43	0.17	0.09	0.00	0.00	0.00
360.0	7.01	3.72	1.82	0.35	0.17	0.09	0.00	0.09	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								