

Roled Opto Electronics (China)Co.,Ltd
Http://www.roled.com.cn
Email:sensing@sensingm.com
Tel: 0573-84236688(-121) Fax:+86-0573-84882788
Address:No.8,HechuangRoad,HuimingStreet, JiashanCounty,Jiaxin City , Zhejiang Province.

ROLED

灯具名称: 投光灯
灯具描述: FWK2211C1.8-3-24DC(20-XPG-3WN-AJ.P1)
报告编号: 电压(V): 23.8000
测试编号: 20221215005 电流(A): 0.8030
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

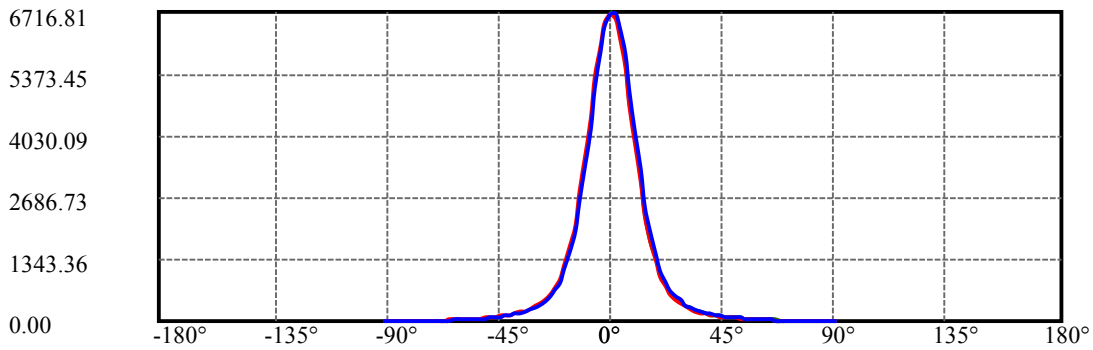
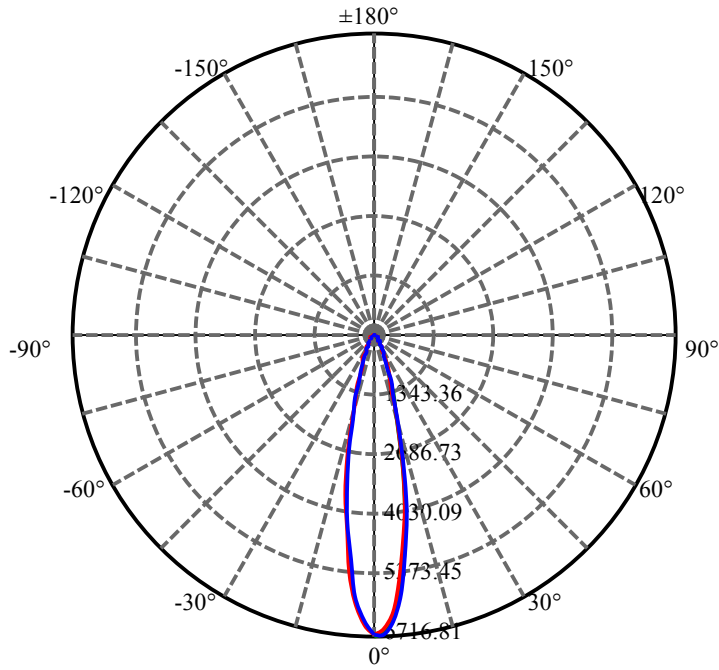
光度结果

灯具光通量(lm): 1565.33
灯具效能(lm/w): 81.95
中心光强(cd): 6672.704
最大光强(cd): 6716.814
最大光强角度: C=60.0 $\gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=21.9
 [C90/270]Total=21.9
光束扩散角(10%Imax): [C0/180]Total=45.9
 [C90/270]Total=46.0

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%

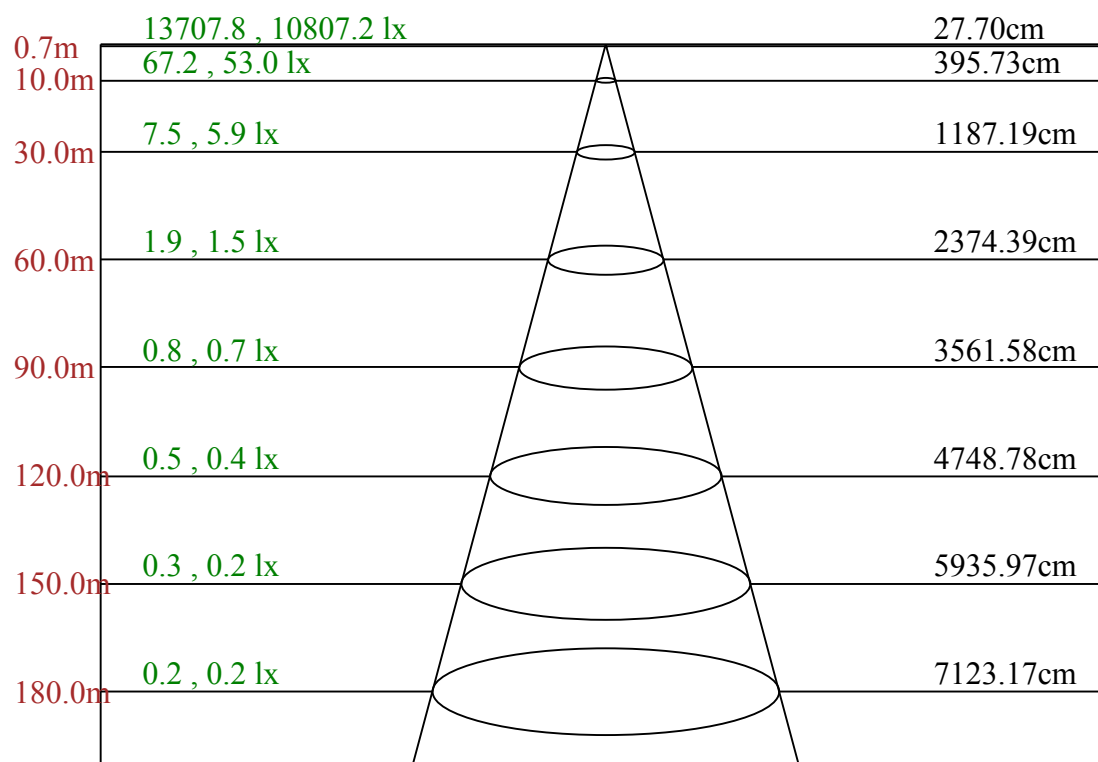
测试人员: 安培楼
测试距离(m): 9.30



C60(Max): ——
C0/C180: ——
C90/C270: ——

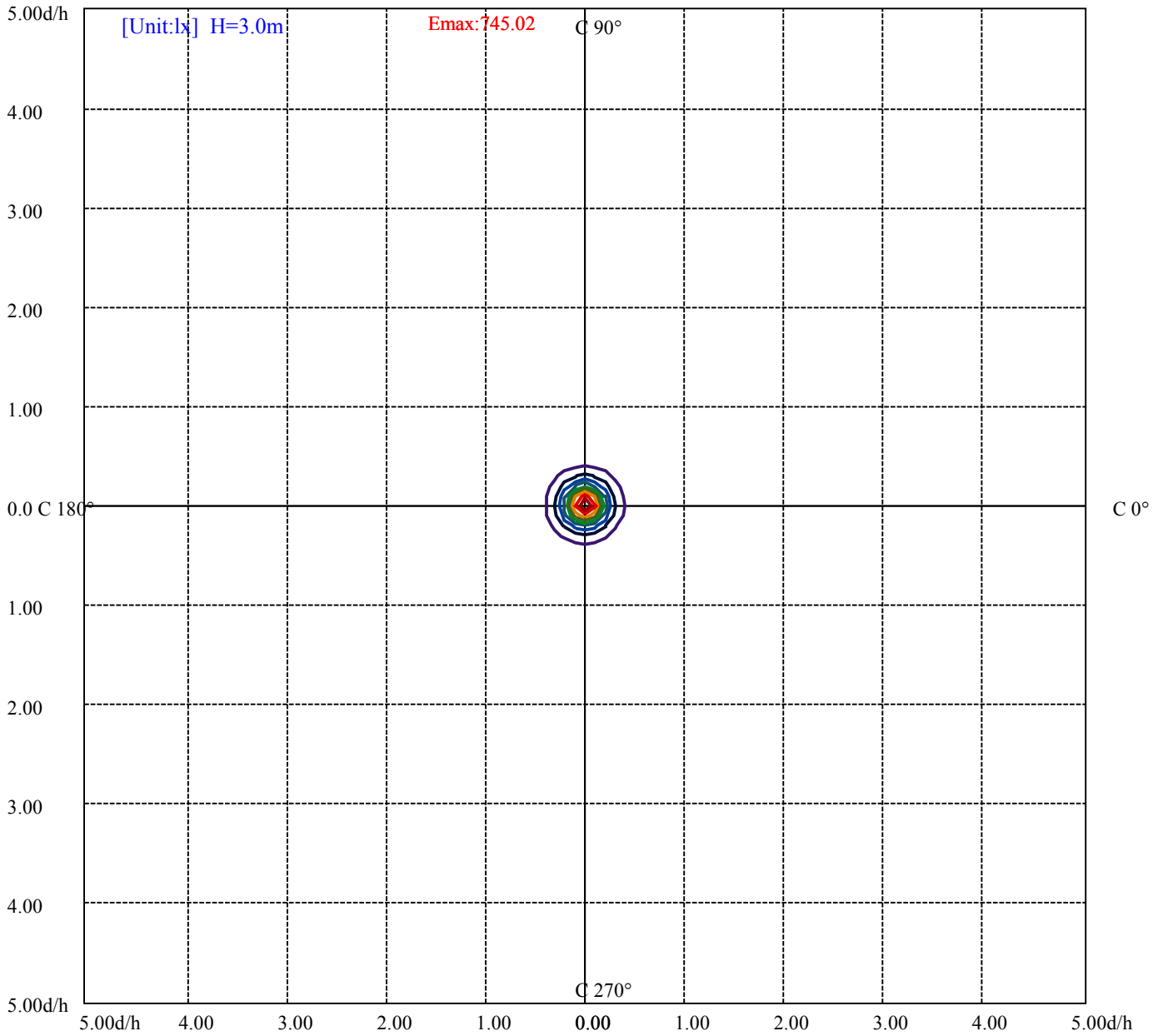
ROLED 投光灯

照度距离图表



Max, Ave C60面光束角22.38

ROLED 投光灯
平面等照度曲线



- (10%Emax) 74.50144
- (20%Emax) 149.0033
- (30%Emax) 223.5045
- (40%Emax) 298.0056
- (50%Emax) 372.5078
- (60%Emax) 447.0089
- (70%Emax) 521.51
- (80%Emax) 596.0122
- (90%Emax) 670.5134

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

ROLED 投光灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

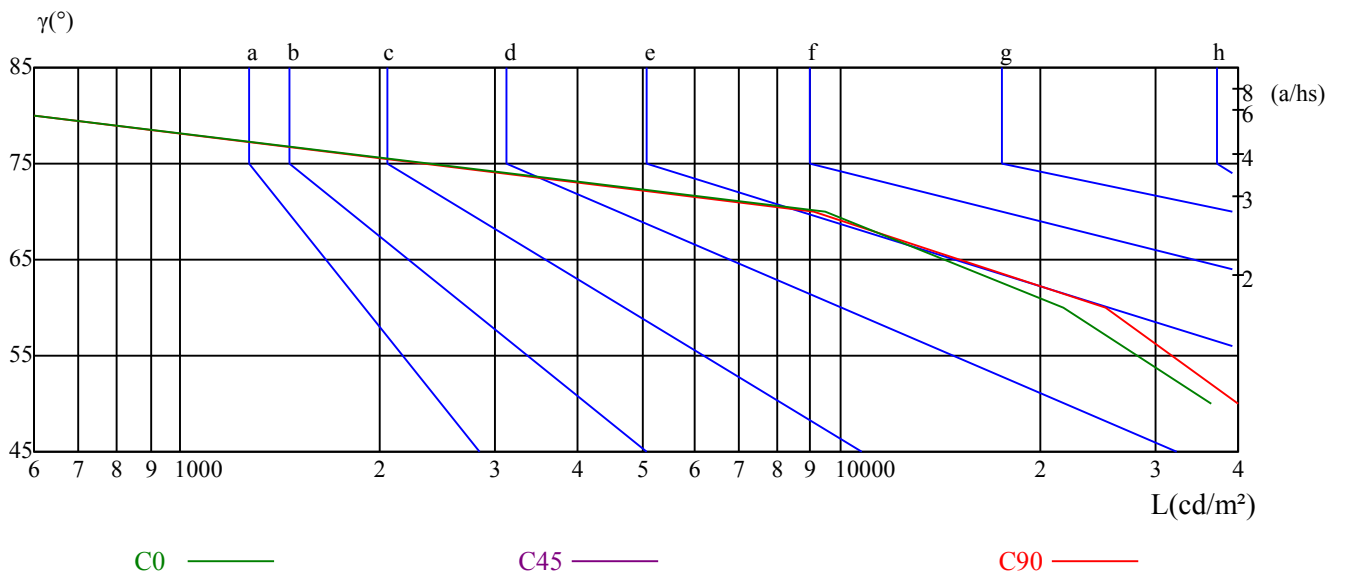
γ	45	50	55	60	65	70	75	80	85
C0	0	36385	0	21673	0	9446	0	165	0
C45	0	0	0	0	0	0	0	0	0
C90	0	40077	0	25161	0	9112	0	494	0

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	6672.70	6563.73	6170.20	5504.22	4685.16	3857.45	3007.26	2279.88	1706.45
30.0	6693.46	6597.46	6222.96	5587.25	4755.22	3869.56	3077.31	2339.55	1754.02
60.0	6716.81	6638.11	6253.23	5599.36	4769.06	3929.24	3081.64	2334.37	1710.08
90.0	6690.87	6683.95	6378.64	5794.83	4989.61	4101.36	3292.67	2518.59	1915.75
120.0	6708.16	6643.30	6251.50	5639.15	4813.17	3979.40	3127.48	2374.15	1713.71
150.0	6682.22	6603.51	6233.33	5601.96	4823.55	3902.43	3110.18	2366.37	1799.86
180.0	6672.70	6481.56	5971.27	5285.40	4422.23	3602.31	2792.76	2102.57	1606.38
210.0	6693.46	6466.86	5982.51	5240.43	4442.13	3572.04	2752.11	2092.19	1596.52
240.0	6716.81	6481.56	5958.30	5248.21	4391.96	3565.98	2708.87	2066.25	1546.44
270.0	6690.87	6383.83	5830.29	5043.23	4184.39	3363.60	2572.21	1942.57	1483.22
300.0	6708.16	6461.67	5960.03	5217.08	4355.64	3531.39	2715.79	2043.76	1529.14
330.0	6682.22	6450.42	5949.65	5199.78	4358.23	3488.14	2714.92	2059.33	1564.09
360.0	6672.70	6563.73	6170.20	5504.22	4685.16	3857.45	3007.26	2279.88	1706.45
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1284.38	973.01	759.38	591.59	473.10	386.35	317.94	264.14	221.24
30.0	1337.14	1009.34	775.82	608.89	488.67	398.37	330.39	273.83	228.94
60.0	1331.51	1004.41	773.91	613.39	490.14	401.92	329.70	272.53	228.25
90.0	1437.46	1083.72	831.17	659.05	521.53	438.50	349.68	288.53	243.30
120.0	1357.89	1025.60	794.93	632.07	507.00	413.34	342.76	283.00	236.90
150.0	1355.30	1024.91	800.03	628.78	500.78	421.64	337.92	279.71	235.25
180.0	1209.74	925.01	723.23	581.56	469.64	385.31	320.88	266.99	224.27
210.0	1191.83	915.67	719.25	567.20	463.41	374.42	311.80	261.63	222.02
240.0	1171.07	891.71	694.51	555.27	448.88	368.71	302.46	255.32	214.84
270.0	1110.62	853.05	672.81	530.27	429.34	349.33	290.87	243.21	204.38
300.0	1158.10	882.20	694.51	544.89	440.23	359.88	297.44	247.62	208.35
330.0	1165.97	891.02	697.97	540.22	438.50	355.30	294.07	244.85	204.64
360.0	1284.38	973.01	759.38	591.59	473.10	386.35	317.94	264.14	221.24
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	187.60	159.92	137.35	118.40	104.05	91.42	80.26	70.75	60.98
30.0	193.74	166.49	142.88	123.68	108.11	94.45	83.29	73.08	64.18
60.0	194.60	165.97	142.54	124.55	108.63	95.57	84.33	74.73	65.91
90.0	205.50	174.71	149.89	130.17	113.30	99.20	88.13	77.93	68.93
120.0	199.71	171.25	146.51	127.49	110.71	96.96	85.28	75.51	66.25
150.0	199.01	168.57	143.83	124.37	107.25	93.15	81.73	71.27	62.45
180.0	189.67	163.12	139.77	121.52	105.78	92.37	80.95	70.84	59.94
210.0	188.63	161.82	140.20	121.60	106.64	93.67	83.38	73.78	64.95
240.0	182.93	156.55	135.01	116.76	103.18	91.07	80.09	71.18	61.49
270.0	175.06	150.58	130.34	112.26	98.77	85.02	72.57	61.75	52.67
300.0	177.22	151.79	131.21	113.47	100.41	88.31	78.19	68.59	58.73
330.0	174.36	149.28	128.01	110.79	97.56	85.71	75.33	67.12	58.73
360.0	187.60	159.92	137.35	118.40	104.05	91.42	80.26	70.75	60.98
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	51.55	44.20	38.40	32.78	27.76	22.75	17.99	13.58	9.77
30.0	56.13	49.04	41.86	35.63	30.27	25.00	19.98	15.48	11.33
60.0	58.03	51.38	45.06	39.44	34.16	28.89	22.83	17.38	12.45
90.0	60.72	53.71	46.96	38.06	30.62	24.30	18.85	13.41	9.43
120.0	58.21	51.29	44.80	39.18	33.99	28.02	21.80	16.61	12.20
150.0	54.32	46.88	40.22	34.08	28.97	23.87	19.46	15.14	11.33
180.0	50.94	43.94	37.71	32.00	26.81	22.05	17.47	13.06	9.17
210.0	57.26	49.30	41.26	34.77	29.58	24.13	19.29	14.36	9.95
240.0	52.07	44.46	38.32	32.69	27.76	23.18	18.60	14.44	10.55
270.0	45.75	39.44	33.39	27.85	23.18	18.60	14.79	11.59	8.48
300.0	49.47	42.29	36.59	31.14	26.55	21.80	17.56	13.84	10.64
330.0	51.81	44.72	37.45	31.40	26.38	21.36	16.69	12.37	8.48
360.0	51.55	44.20	38.40	32.78	27.76	22.75	17.99	13.58	9.77

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	5.88	3.20	1.47	0.35	0.09	0.09	0.00	0.00	0.00
30.0	7.78	4.58	2.34	0.69	0.26	0.09	0.09	0.09	0.00
60.0	8.39	5.54	2.77	1.21	0.35	0.00	0.09	0.00	0.00
90.0	6.49	4.32	2.51	0.95	0.26	0.09	0.09	0.09	0.00
120.0	8.39	5.88	2.68	1.30	0.35	0.00	0.00	0.09	0.00
150.0	7.78	4.76	2.16	0.61	0.17	0.00	0.00	0.00	0.00
180.0	4.84	2.68	0.78	0.26	0.09	0.00	0.00	0.00	0.00
210.0	6.83	3.89	2.08	0.61	0.17	0.00	0.00	0.00	0.00
240.0	6.92	3.37	1.21	0.26	0.09	0.09	0.00	0.00	0.00
270.0	4.76	1.30	0.35	0.00	0.00	0.00	0.09	0.00	0.00
300.0	6.57	3.11	0.95	0.26	0.09	0.09	0.00	0.00	0.09
330.0	5.54	3.46	1.90	0.43	0.17	0.09	0.00	0.00	0.00
360.0	5.88	3.20	1.47	0.35	0.09	0.09	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								