

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(45-XPG-3WN-AJ.P1)
报告编号: 电压(V): 23.8000
测试编号: 20221215007 电流(A): 0.8000
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

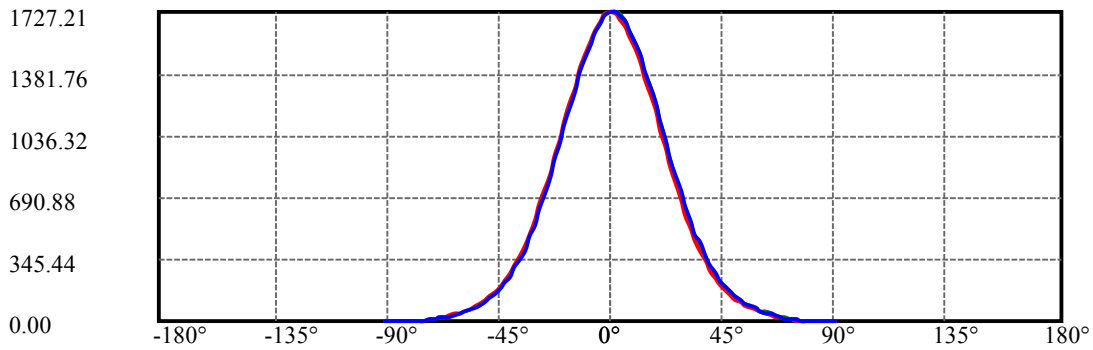
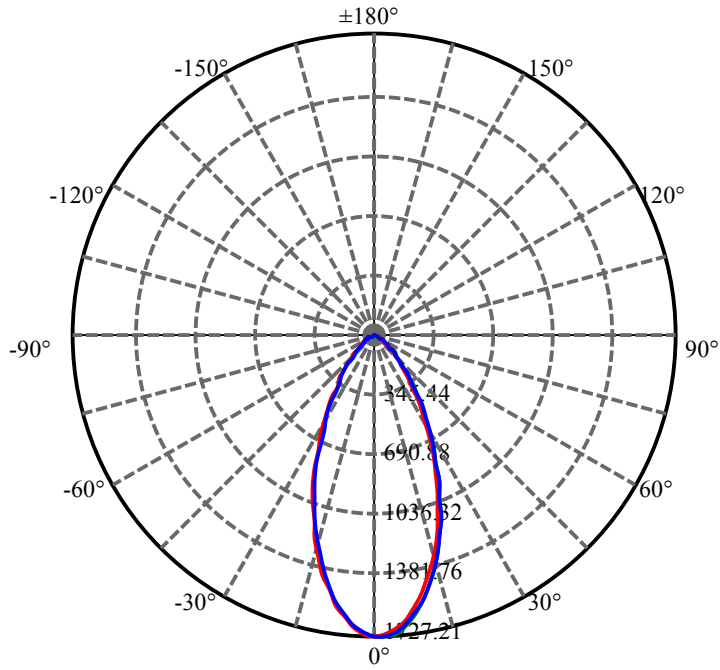
光度结果

灯具光通量(lm): 1395.03
灯具效能(lm/w): 73.04
中心光强(cd): 1725.908
最大光强(cd): 1727.205
最大光强角度: $C=60.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=47.4
 [C90/270]Total=47.8
光束扩散角(10%Imax): [C0/180]Total=91.3
 [C90/270]Total=91.9

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%

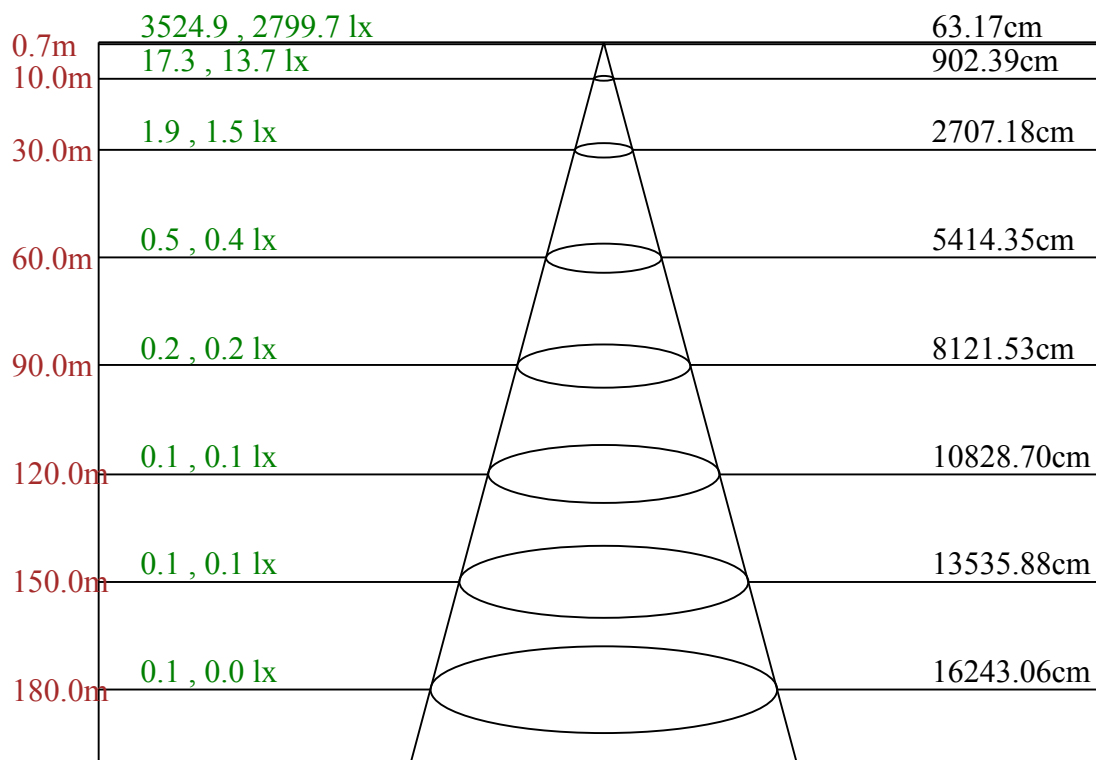
测试人员: 安培楼
测试距离(m): 9.30



C60(Max): —
C0/C180: —
C90/C270: —

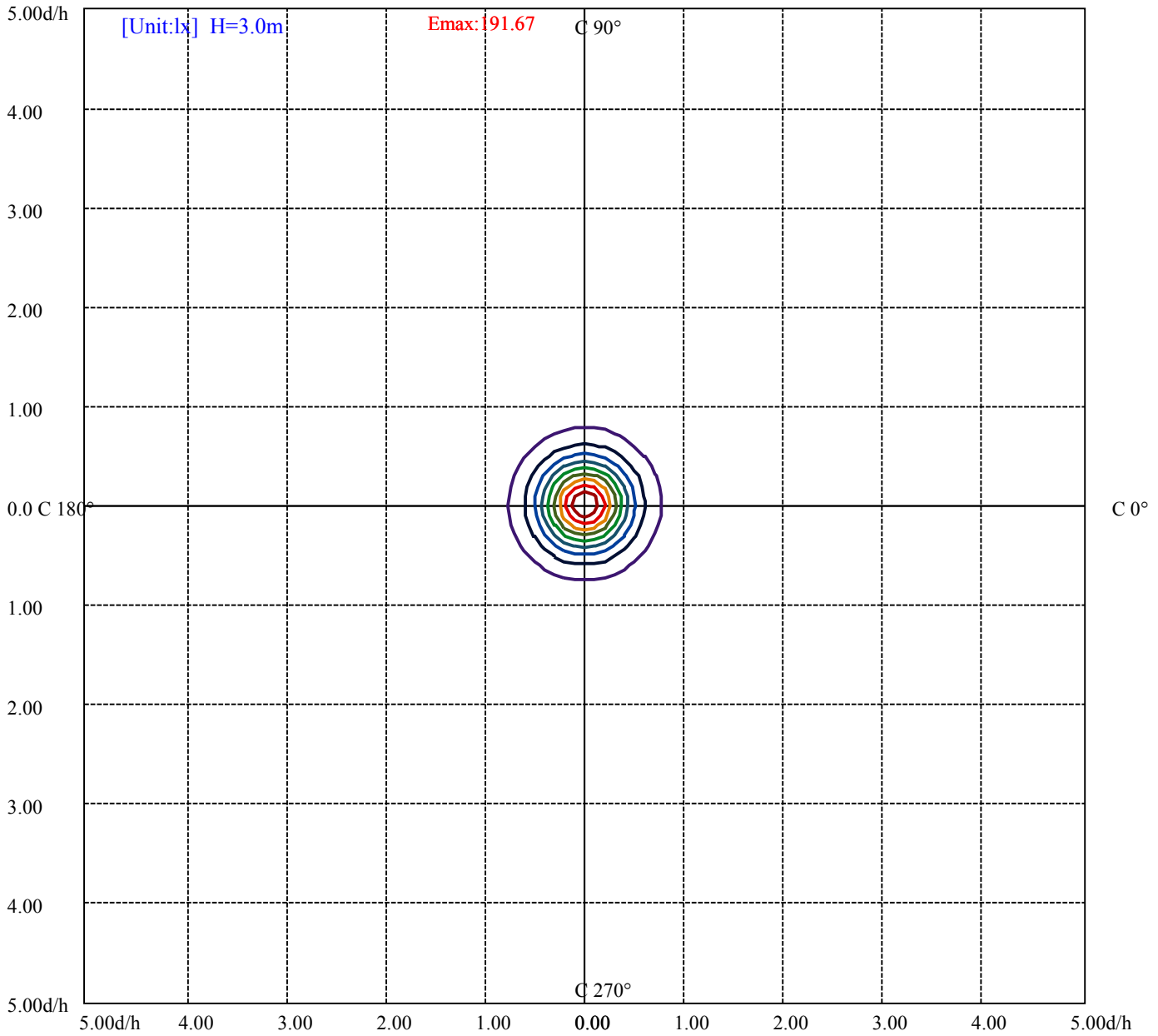
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照度距离图表



Max , Ave C60面光束角48.56

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平面等照度曲线



- (10%Emax) 19.16711
- (20%Emax) 38.33434
- (30%Emax) 57.50145
- (40%Emax) 76.66856
- (50%Emax) 95.83578
- (60%Emax) 115.0033
- (70%Emax) 134.17
- (80%Emax) 153.3367
- (90%Emax) 172.5045

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灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

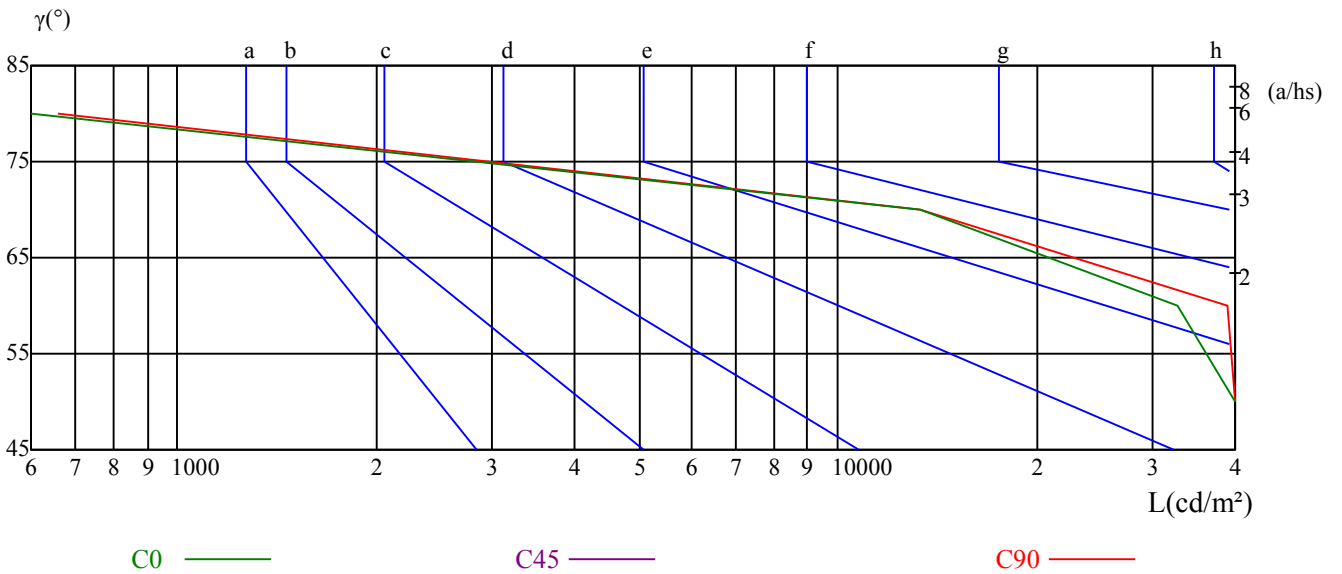
γ	45	50	55	60	65	70	75	80	85
C0	0	62940	0	32652	0	13292	0	329	0
C45	0	0	0	0	0	0	0	0	0
C90	0	70725	0	38999	0	13292	0	659	0

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)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	1725.91	1714.23	1689.15	1645.04	1590.55	1521.36	1439.19	1352.70	1261.89
30.0	1724.61	1726.34	1706.45	1670.99	1615.63	1550.77	1472.92	1386.43	1296.49
60.0	1725.48	1727.21	1715.01	1678.51	1624.54	1557.68	1484.86	1397.51	1309.11
90.0	1726.17	1726.34	1707.31	1671.85	1618.23	1557.68	1483.30	1396.81	1306.86
120.0	1722.02	1725.99	1704.89	1663.64	1608.63	1540.65	1464.79	1375.88	1286.63
150.0	1726.25	1714.23	1687.42	1640.72	1582.77	1515.30	1436.60	1354.43	1261.89
180.0	1725.91	1712.16	1674.53	1623.50	1562.01	1486.85	1405.03	1311.71	1218.82
210.0	1724.61	1712.16	1671.68	1615.46	1549.99	1475.09	1383.15	1298.39	1203.25
240.0	1725.48	1702.12	1664.07	1607.85	1545.58	1472.06	1384.70	1297.35	1210.00
270.0	1726.17	1707.14	1664.41	1609.67	1543.50	1470.07	1381.33	1289.13	1190.19
300.0	1722.02	1704.72	1665.80	1613.90	1554.23	1479.84	1392.49	1300.81	1209.13
330.0	1726.25	1713.02	1676.70	1625.32	1560.97	1488.41	1398.98	1314.39	1219.51
360.0	1725.91	1714.23	1689.15	1645.04	1590.55	1521.36	1439.19	1352.70	1261.89
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1165.02	1066.42	968.69	865.76	769.76	676.35	590.73	513.75	446.29
30.0	1197.02	1094.96	990.31	894.31	795.71	702.30	614.08	531.91	460.99
60.0	1207.23	1110.36	1007.35	910.48	809.55	717.00	630.69	544.11	474.14
90.0	1212.59	1110.53	1008.47	914.20	815.60	729.11	639.16	556.13	483.48
120.0	1189.06	1088.30	988.49	893.18	796.05	705.50	621.34	539.27	467.65
150.0	1169.34	1075.07	970.42	875.28	779.27	690.19	604.57	524.13	454.94
180.0	1120.13	1024.04	926.39	828.23	739.84	649.28	568.76	488.06	423.80
210.0	1109.93	1011.67	912.38	819.15	727.55	637.09	553.88	485.21	416.71
240.0	1113.13	1015.39	920.25	819.93	725.65	635.70	556.13	483.48	438.50
270.0	1095.40	996.88	901.74	800.03	708.18	617.63	540.13	468.26	401.40
300.0	1110.53	1010.20	915.93	815.60	723.92	634.84	553.54	480.02	437.64
330.0	1124.89	1027.16	926.48	831.69	738.28	646.60	562.79	491.52	421.21
360.0	1165.02	1066.42	968.69	865.76	769.76	676.35	590.73	513.75	446.29
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	382.37	327.45	278.93	237.50	201.69	170.73	144.44	122.38	103.53
30.0	398.20	340.08	289.31	247.88	210.17	179.12	151.18	128.18	108.11
60.0	406.76	350.72	298.82	253.33	216.83	183.79	155.68	131.55	112.09
90.0	436.77	359.02	305.83	263.54	223.75	190.28	162.51	137.52	116.50
120.0	401.49	345.35	295.02	250.91	213.89	181.46	153.87	130.08	110.79
150.0	392.49	334.80	283.86	243.47	206.02	175.40	147.81	124.37	104.31
180.0	363.43	313.01	266.48	226.17	193.22	163.55	138.47	116.59	98.08
210.0	360.66	310.24	264.31	226.52	193.91	164.07	139.68	119.79	101.37
240.0	360.75	310.24	263.88	223.66	192.27	163.03	138.38	117.54	99.55
270.0	346.22	296.06	250.99	213.98	181.80	152.65	127.83	106.90	88.05
300.0	357.29	305.66	259.64	218.47	186.13	157.24	132.94	112.18	94.01
330.0	362.31	308.42	261.20	220.46	185.78	157.67	132.50	112.52	94.36
360.0	382.37	327.45	278.93	237.50	201.69	170.73	144.44	122.38	103.53
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	85.02	71.53	59.51	49.39	40.30	32.69	26.12	19.55	13.75
30.0	91.51	77.32	64.78	54.32	45.32	36.84	29.75	23.01	16.78
60.0	94.88	81.21	68.93	58.47	49.56	41.43	33.04	24.65	17.13
90.0	98.77	84.50	71.01	58.99	47.92	38.14	29.49	20.76	13.75
120.0	93.93	80.18	68.15	58.12	48.69	40.22	31.83	23.70	16.61
150.0	88.57	74.29	61.93	52.07	43.33	35.89	28.63	22.31	16.87
180.0	81.82	68.07	57.17	47.22	38.23	30.70	24.48	18.60	12.80
210.0	86.66	72.82	60.80	50.68	42.47	35.11	28.02	21.88	15.40
240.0	83.03	70.32	58.73	48.78	40.91	32.95	26.21	20.15	14.88
270.0	73.43	61.06	49.99	40.04	32.95	26.03	20.58	16.17	11.94
300.0	77.58	64.95	54.06	44.72	37.10	29.93	23.87	18.25	13.84
330.0	79.22	67.20	55.79	46.62	38.92	32.00	25.26	19.29	13.23
360.0	85.02	71.53	59.51	49.39	40.30	32.69	26.12	19.55	13.75

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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	8.04	4.76	2.16	0.52	0.17	0.09	0.00	0.00	0.09
30.0	11.50	6.83	3.20	0.95	0.26	0.09	0.09	0.09	0.00
60.0	10.90	6.66	3.72	1.73	0.35	0.17	0.09	0.09	0.00
90.0	9.34	6.23	3.46	1.12	0.35	0.09	0.09	0.09	0.09
120.0	10.64	6.83	3.81	1.73	0.43	0.17	0.00	0.00	0.00
150.0	11.94	7.01	2.94	0.86	0.26	0.17	0.09	0.00	0.00
180.0	7.27	4.15	1.38	0.43	0.00	0.09	0.00	0.00	0.00
210.0	10.12	5.97	3.20	0.95	0.26	0.09	0.09	0.09	0.00
240.0	9.60	5.10	2.08	0.52	0.09	0.00	0.09	0.09	0.00
270.0	6.92	2.16	0.52	0.17	0.09	0.00	0.00	0.09	0.00
300.0	9.17	4.76	1.56	0.35	0.09	0.09	0.09	0.00	0.00
330.0	8.48	5.28	2.85	0.69	0.17	0.00	0.17	0.09	0.00
360.0	8.04	4.76	2.16	0.52	0.17	0.09	0.00	0.00	0.09

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