

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: FWK2411C1.8-12-UN(10-XPG-12WN-AJ.P1)
报告编号: 电压(V): 219.8000
测试编号: 20230201001 电流(A): 0.3670
光源规格型号: XPG 功率(W): 75.7000
每个光源光通量(lm) 功率因数: 0.9390
光源数量: 12 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

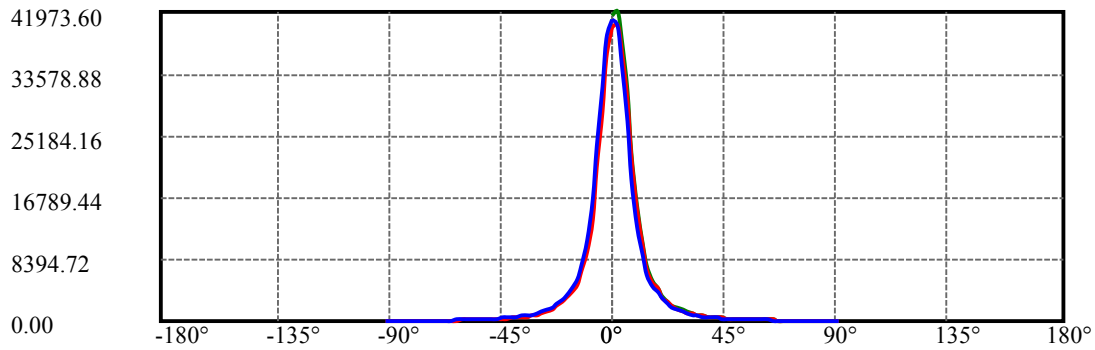
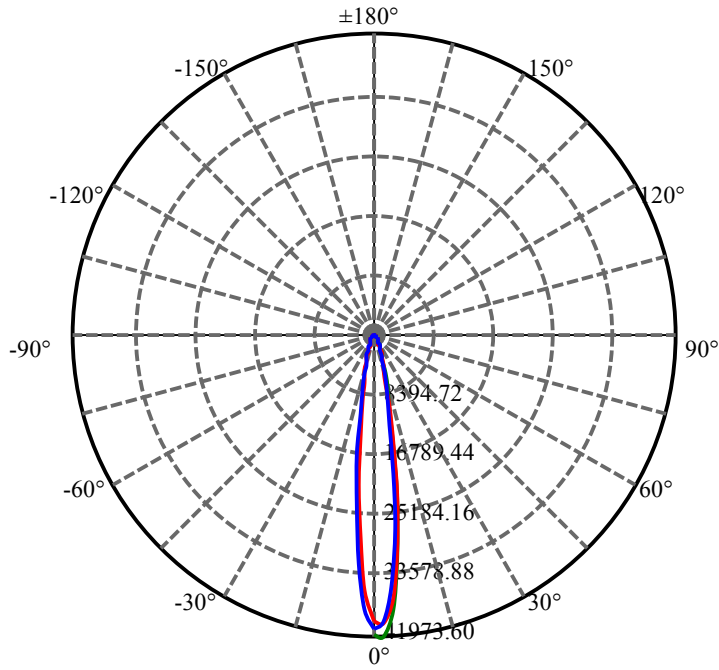
光度结果

灯具光通量(lm): 5740.41
灯具效能(lm/w): 75.83
中心光强(cd): 39932.440
最大光强(cd): 41973.600
最大光强角度: $C=30.0 \gamma=2.0$
半峰边角(50%Imax): [C0/180]Total=15.0
 [C90/270]Total=14.6
光束扩散角(10%Imax): [C0/180]Total=34.6
 [C90/270]Total=34.0

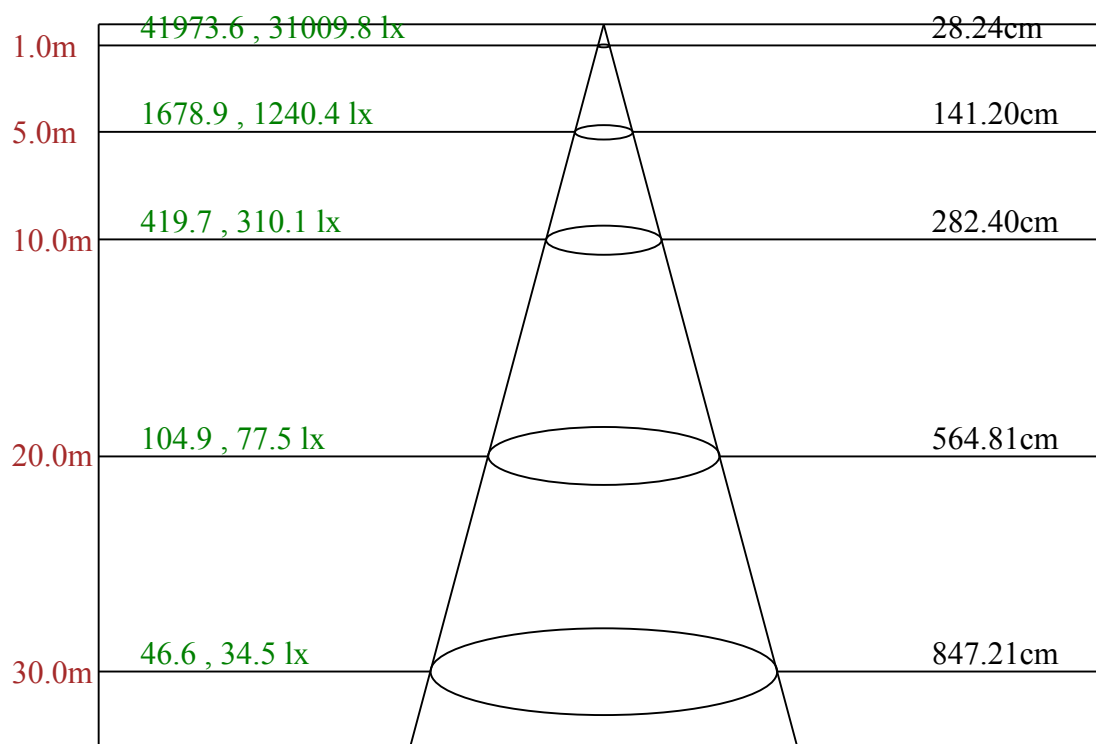
测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/1
环境湿度(%): 60.0%

测试人员: 安培楼
测试距离(m): 9.30

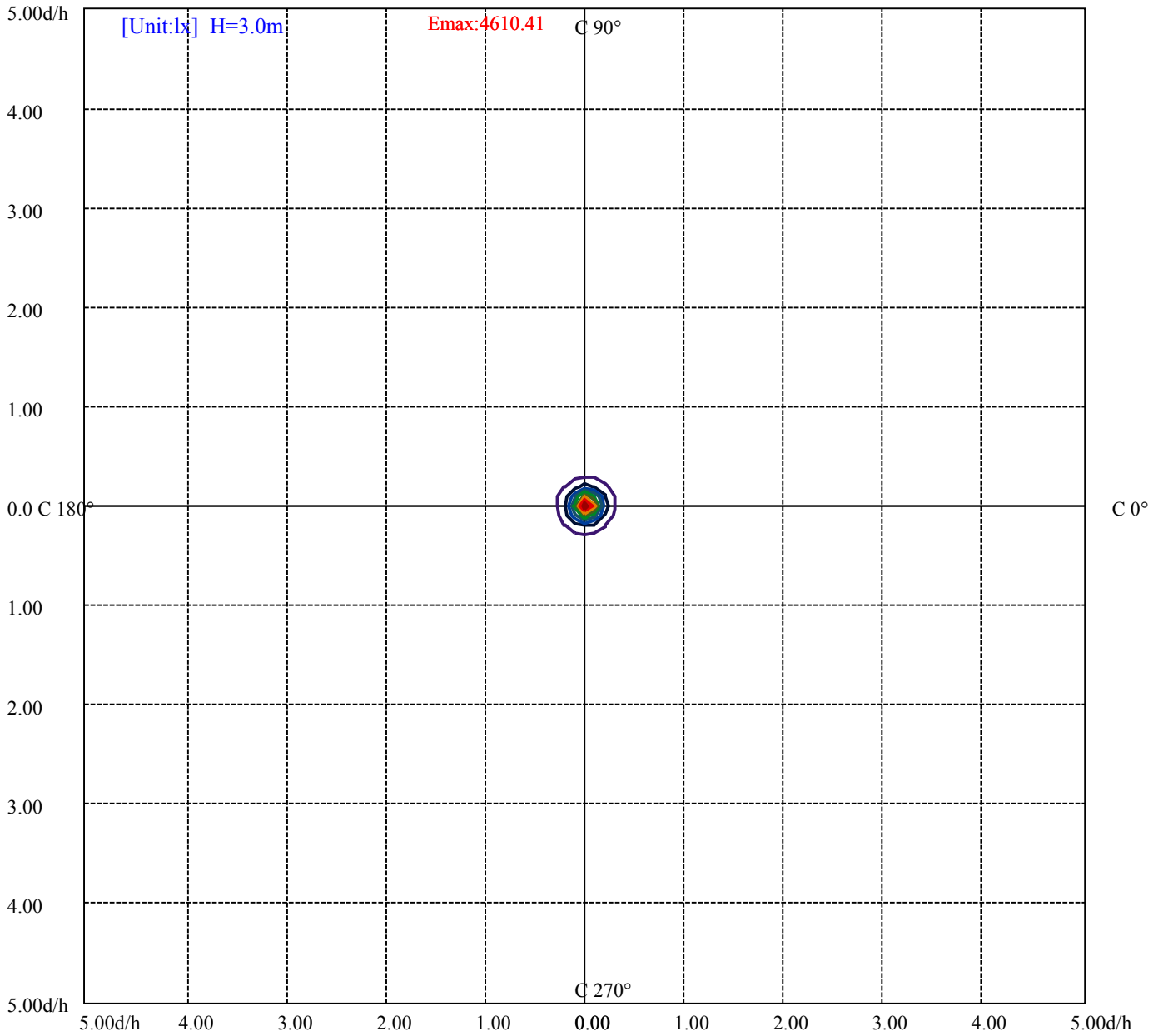


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角16.07

ROLED 投光灯
平面等照度曲线



(10%Emax) 461.0389	—
(20%Emax) 922.0789	—
(30%Emax) 1383.122	—
(40%Emax) 1844.156	—
(50%Emax) 2305.2	—
(60%Emax) 2766.233	—
(70%Emax) 3227.278	—
(80%Emax) 3688.311	—
(90%Emax) 4149.355	—

测试设备: GMS-1800
环境温度(°C): 25.0

测试日期: 2023/2/1
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

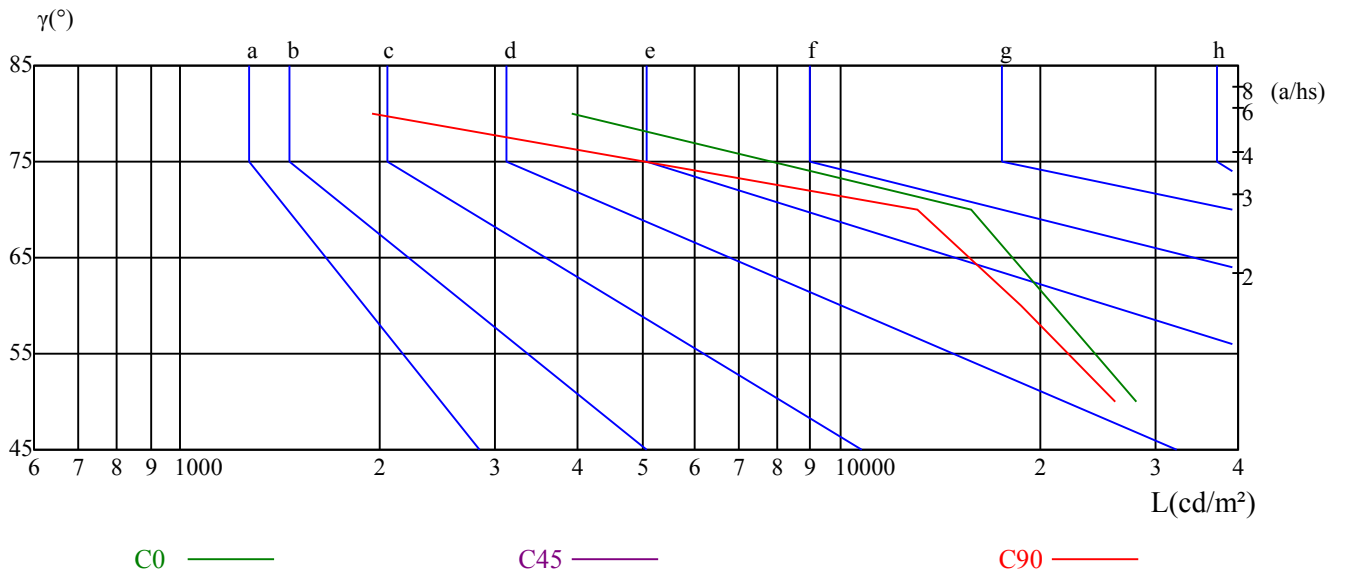
γ	45	50	55	60	65	70	75	80	85
C0	0	28073	0	21075	0	15726	0	3920	0
C45	0	0	0	0	0	0	0	0	0
C90	0	26003	0	18731	0	13078	0	1945	0

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	2373	2818	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)

附页 第6页 共7页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	39932.43	40235.15	36844.74	29986.08	22487.40	15230.89	10058.79	7040.29	5249.94
30.0	41575.74	41973.60	38271.83	31309.38	22859.31	15741.18	10534.48	7455.44	5483.47
60.0	41411.41	40745.44	36031.73	28567.65	20601.92	13695.69	9263.94	6656.27	4993.07
90.0	40961.66	39837.29	35037.10	27097.32	19399.71	12887.01	8908.47	6348.37	4774.25
120.0	40658.95	37960.46	31681.29	23741.51	16056.00	10919.36	7580.85	5619.26	4314.99
150.0	40468.67	37493.42	30928.82	22919.85	15602.80	10378.80	7368.95	5405.63	4376.39
180.0	39932.43	35616.58	28403.32	20861.39	13910.19	9358.22	6735.84	4995.66	3921.46
210.0	41575.74	37208.00	29614.18	21683.04	14621.13	9998.24	6962.45	5296.65	4103.95
240.0	41411.41	38245.88	31525.61	23551.23	16208.23	10854.50	7515.98	5595.90	4419.64
270.0	40961.66	38271.83	31897.51	23853.94	16621.65	11020.56	7643.12	5615.80	4359.10
300.0	40658.95	39508.63	34492.21	27183.81	19339.16	13198.37	8700.89	6374.31	4800.20
330.0	40468.67	39707.56	35296.57	27996.81	17245.24	13511.47	9108.26	6467.72	4824.41
360.0	39932.43	40235.15	36844.74	29986.08	22487.40	15230.89	10058.79	7040.29	5249.94
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4410.99	3191.48	2579.13	2067.98	1683.96	1373.46	1141.67	959.17	816.47
30.0	4385.04	3389.54	2711.46	2188.20	1772.18	1458.22	1201.35	1010.20	852.79
60.0	3903.29	3101.53	2515.99	2030.79	1668.31	1360.66	1123.68	944.82	796.31
90.0	3783.07	3013.31	2413.07	1946.03	1589.69	1294.76	1067.29	896.04	751.60
120.0	3419.81	2728.76	2214.14	1717.95	1449.66	1194.25	984.60	819.23	691.31
150.0	3329.87	2659.57	2129.38	1733.26	1401.14	1141.67	949.66	792.25	672.03
180.0	3076.45	2480.53	1989.27	1631.81	1322.86	1083.46	906.24	757.13	640.20
210.0	3304.78	2653.51	2124.19	1714.40	1425.87	1167.36	973.96	826.93	700.66
240.0	3439.71	2802.28	2255.66	1833.59	1484.17	1229.89	1019.72	869.22	739.49
270.0	3456.14	2776.33	2253.06	1715.36	1521.71	1247.79	1041.77	880.04	754.71
300.0	3786.53	3040.99	2449.40	1997.05	1634.66	1342.32	1110.53	944.47	801.76
330.0	3825.45	3053.96	2471.88	2003.97	1660.09	1343.80	1127.83	948.19	802.89
360.0	4410.99	3191.48	2579.13	2067.98	1683.96	1373.46	1141.67	959.17	816.47
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	696.24	603.70	527.59	467.05	416.71	371.65	335.93	304.96	277.46
30.0	729.11	629.65	551.81	486.07	437.64	389.46	350.28	318.80	290.09
60.0	680.07	587.44	517.47	457.88	410.22	367.24	331.17	300.03	273.91
90.0	645.22	556.13	486.07	436.77	386.26	345.35	310.85	282.48	254.28
120.0	596.78	517.73	457.62	406.33	362.57	325.03	293.46	267.60	243.47
150.0	571.70	498.18	437.64	391.89	349.59	313.27	284.21	257.57	234.21
180.0	549.04	480.11	421.98	376.92	336.45	302.28	273.57	247.02	222.37
210.0	609.15	531.91	467.56	416.71	372.69	336.62	305.31	278.93	253.16
240.0	637.43	561.32	490.40	437.64	393.88	356.08	322.43	294.24	269.07
270.0	654.30	573.17	507.70	452.60	404.86	363.26	331.17	299.95	269.76
300.0	695.38	608.02	535.37	475.70	436.77	384.10	346.74	316.90	288.62
330.0	698.15	609.06	537.28	477.25	425.96	380.30	345.01	313.09	284.47
360.0	696.24	603.70	527.59	467.05	416.71	371.65	335.93	304.96	277.46
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	248.40	224.01	199.53	178.08	158.97	138.90	121.69	107.25	90.90
30.0	264.31	239.92	216.31	192.18	169.87	149.89	129.48	109.06	90.73
60.0	249.09	224.87	201.61	178.77	157.93	137.52	119.10	100.24	83.03
90.0	228.16	201.69	179.73	158.28	139.42	121.43	107.07	94.01	75.59
120.0	223.32	201.78	179.38	159.66	140.03	120.65	101.45	85.02	69.11
150.0	212.68	192.44	171.08	152.57	134.06	115.81	99.20	82.77	66.94
180.0	198.24	178.69	159.57	141.58	124.03	109.15	95.48	78.62	59.33
210.0	229.37	206.45	182.84	162.00	141.84	122.38	102.84	86.49	68.33
240.0	243.82	219.17	194.17	172.63	151.79	131.72	110.97	92.98	74.90
270.0	241.05	213.98	188.72	167.10	145.48	126.97	113.13	97.13	75.77
300.0	263.10	238.28	213.28	188.12	166.15	145.30	124.03	104.65	86.58
330.0	260.59	236.20	211.55	188.12	167.10	145.91	125.84	106.82	88.05
360.0	248.40	224.01	199.53	178.08	158.97	138.90	121.69	107.25	90.90

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	69.28	50.77	37.54	22.83	11.50	3.89	0.69	0.69	0.52
30.0	74.29	54.83	36.59	23.96	13.15	3.98	0.86	0.78	0.61
60.0	65.91	47.14	31.22	18.68	10.64	2.42	0.78	0.61	0.61
90.0	55.27	39.18	27.85	15.83	5.71	1.21	0.69	0.69	0.52
120.0	53.02	35.98	23.53	12.89	6.05	1.38	0.69	0.69	0.52
150.0	49.13	33.73	21.97	11.68	4.93	0.95	0.69	0.61	0.43
180.0	41.52	30.88	17.73	7.35	2.68	0.78	0.61	0.61	0.35
210.0	49.39	32.43	20.41	11.24	2.68	0.86	0.69	0.52	0.43
240.0	56.74	39.01	24.74	13.92	5.02	0.95	0.69	0.61	0.35
270.0	55.27	41.08	25.60	13.58	4.76	0.78	0.69	0.61	0.52
300.0	69.54	49.56	33.73	20.67	11.33	2.68	0.78	0.61	0.52
330.0	71.01	50.25	34.34	21.36	12.11	2.77	0.78	0.61	0.52
360.0	69.28	50.77	37.54	22.83	11.50	3.89	0.69	0.69	0.52

C/γ(°)	90.0
0.0	0.35
30.0	0.35
60.0	0.43
90.0	0.43
120.0	0.26
150.0	0.35
180.0	0.35
210.0	0.43
240.0	0.26
270.0	0.26
300.0	0.35
330.0	0.35
360.0	0.35