

乐雷光电（上海）有限公司  
Http://www.roled.com.cn  
Email:info@roled.com  
Tel:021-33557897-243 Fax:021-367912261/30  
Address:上海市松江区叶榭镇叶达路7号

---

## ROLED

---

灯具名称: 投光灯  
灯具描述: F2224A-18-36DC-RC-Y(40-XL-18RGBWN-C,CT)  
报告编号: ROLED20170922007      电压(V): 36.2000  
测试编号:      电流(A): 1.9260  
光源规格型号: XL      功率(W): 69.8000  
每个光源光通量(lm)      功率因数: 0.0000  
光源数量: 18      镇流器型号:  
发光面长度(mm): 270      发光面宽度(mm): 160  
测试模式: C      发光面高度(mm): 0

## 光度结果

---

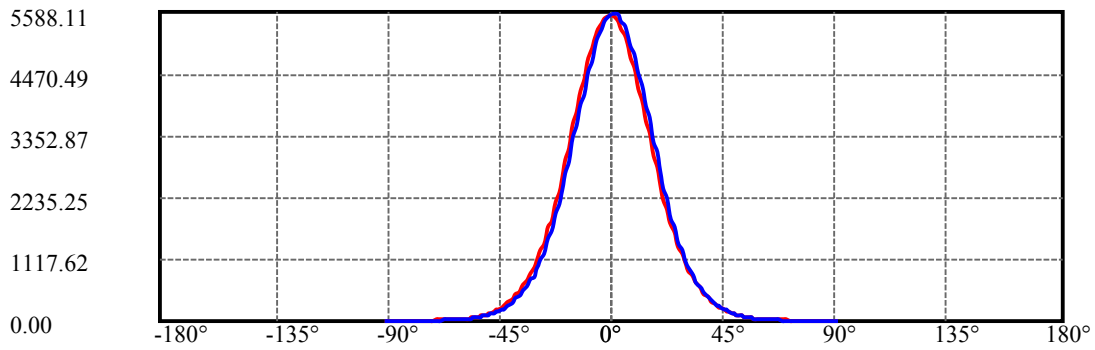
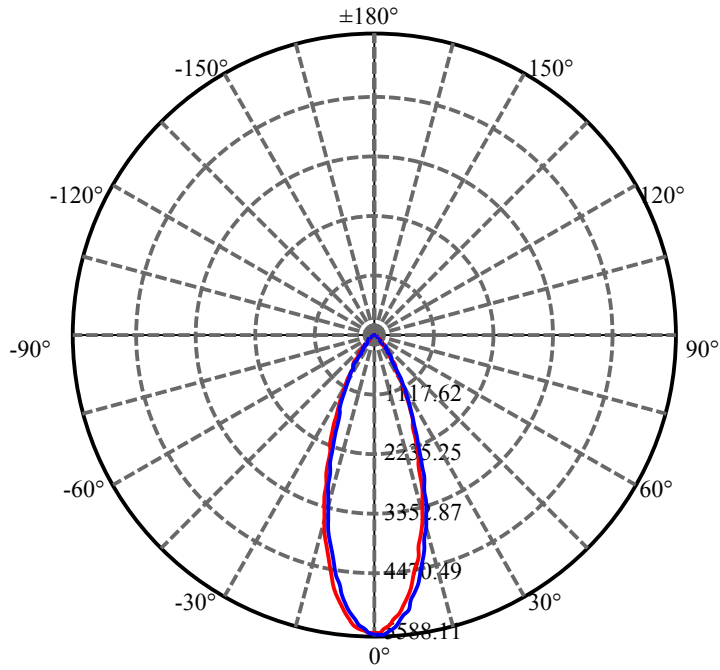
灯具光通量(lm): 2828.89  
灯具效能(lm/w): 40.53  
中心光强(cd): 5530.674  
最大光强(cd): 5588.112  
最大光强角度: C=30.0  $\gamma$ =0.0  
半峰边角(50%Imax): [V]Left=17.6 Right=19.2  
                          [H]Left=18.7 Right=18.0  
光束扩散角(10%Imax): [V]Left=35.0 Right=36.4  
                          [H]Left=36.6 Right=36.0  
有效光通量(lm): 2445.89

---

测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2017/9/22  
环境湿度(%): 60.0%

测试人员: 2464  
测试距离(m): 6.36



H=0 ———  
V=0 ———



ROLED 投光灯

光强数据表(cd)

C/γ(°)	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0
0.0	5530.67	5508.43	5460.29	5384.65	5289.19	5178.36	5063.89	4915.84	4753.23
30.0	5588.11	5564.25	5523.39	5450.99	5361.60	5251.57	5127.80	4980.96	4814.72
60.0	5562.63	5558.58	5520.16	5455.44	5378.58	5286.76	5150.45	5025.86	4866.09
90.0	5556.97	5565.06	5545.64	5503.17	5426.72	5333.28	5240.25	5114.45	4953.86
120.0	5561.42	5560.61	5534.31	5474.85	5398.40	5302.13	5194.94	5078.85	4918.27
150.0	5538.36	5554.94	5539.57	5491.84	5417.42	5332.47	5230.13	5119.30	4967.62
180.0	5530.67	5533.10	5499.12	5447.75	5375.75	5289.59	5182.81	5059.03	4922.31
210.0	5588.11	5583.66	5555.35	5507.62	5427.93	5337.33	5236.61	5104.34	4950.22
240.0	5562.63	5550.09	5496.70	5434.40	5353.91	5253.19	5130.22	4989.05	4845.46
270.0	5556.97	5521.78	5459.89	5370.90	5272.20	5154.09	5025.05	4847.08	4686.49
300.0	5561.42	5535.53	5482.94	5400.43	5294.45	5173.91	5057.01	4889.95	4724.92
330.0	5538.36	5506.40	5443.71	5349.86	5246.31	5122.13	4993.10	4813.10	4648.06
360.0	5530.67	5508.43	5460.29	5384.65	5289.19	5178.36	5063.89	4915.84	4753.23
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	4586.58	4400.11	4201.90	4006.13	3824.11	3608.91	3399.79	3190.26	2994.89
30.0	4655.34	4463.61	4264.60	4066.80	3855.25	3637.23	3425.27	3229.50	3009.45
60.0	4703.88	4525.91	4324.87	4137.99	3928.06	3708.42	3492.42	3284.91	3066.89
90.0	4817.55	4652.11	4470.09	4279.97	4084.20	3893.27	3681.72	3452.37	3227.88
120.0	4735.84	4545.73	4338.62	4127.07	3923.61	3735.93	3537.32	3337.09	3125.95
150.0	4797.73	4606.40	4406.58	4212.02	4029.59	3824.11	3619.43	3403.03	3180.55
180.0	4758.49	4576.06	4377.05	4179.25	3977.41	3784.06	3568.46	3352.87	3129.18
210.0	4779.93	4625.01	4433.68	4210.40	4029.59	3818.04	3609.32	3398.98	3206.44
240.0	4677.19	4489.91	4285.64	4080.56	3869.41	3650.98	3464.10	3257.41	3048.69
270.0	4502.04	4307.48	4110.08	3915.93	3741.59	3532.06	3324.15	3113.41	2897.41
300.0	4529.55	4323.25	4108.06	3900.96	3718.13	3493.23	3322.53	3129.59	2931.79
330.0	4455.12	4258.53	4057.90	3858.08	3677.27	3466.53	3254.58	3047.07	2835.92
360.0	4586.58	4400.11	4201.90	4006.13	3824.11	3608.91	3399.79	3190.26	2994.89
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2764.33	2553.58	2370.75	2185.90	2013.99	1855.02	1725.18	1584.82	1439.60
30.0	2808.01	2609.81	2418.08	2240.10	2068.59	1919.33	1768.46	1618.79	1477.62
60.0	2858.98	2686.66	2488.46	2305.22	2137.76	1985.67	1813.76	1669.76	1535.87
90.0	3038.17	2797.49	2603.74	2405.94	2213.00	2026.53	1854.21	1702.93	1542.34
120.0	2920.06	2724.28	2521.22	2344.46	2163.25	1982.03	1814.17	1661.67	1523.74
150.0	2987.61	2754.62	2567.74	2384.10	2208.14	2033.40	1869.99	1727.60	1572.28
180.0	2913.18	2705.27	2495.74	2319.38	2140.59	1968.28	1810.52	1683.51	1526.57
210.0	3003.38	2796.28	2603.34	2414.44	2236.86	2064.14	1917.72	1760.77	1612.32
240.0	2850.48	2654.71	2482.39	2281.36	2122.39	1952.50	1794.34	1643.87	1502.30
270.0	2682.62	2479.16	2301.99	2114.71	1936.73	1770.88	1616.77	1486.52	1340.50
300.0	2738.84	2544.68	2370.75	2187.11	2013.18	1846.52	1692.01	1544.77	1403.20
330.0	2630.03	2436.68	2272.46	2101.76	1940.37	1780.59	1628.50	1486.12	1365.17
360.0	2764.33	2553.58	2370.75	2185.90	2013.99	1855.02	1725.18	1584.82	1439.60
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	1328.37	1211.87	1103.47	1005.58	913.76	836.50	749.13	683.19	614.83
30.0	1363.56	1232.50	1126.12	1022.97	922.25	836.50	743.87	675.91	603.10
60.0	1401.58	1281.44	1160.90	1062.21	952.59	802.12	784.16	709.41	635.02
90.0	1404.41	1277.40	1159.29	1057.76	960.27	873.71	791.19	711.51	639.51
120.0	1370.43	1259.60	1137.44	1027.82	930.34	800.05	765.67	691.69	620.09
150.0	1433.13	1302.07	1179.51	1070.30	965.94	875.33	789.98	707.87	633.44
180.0	1394.70	1287.51	1168.59	1063.02	967.96	884.23	802.64	727.12	653.50
210.0	1473.98	1347.38	1239.38	1122.88	1015.29	913.76	806.69	740.43	663.37
240.0	1382.57	1260.41	1145.94	1040.77	940.45	847.01	765.71	697.35	627.37
270.0	1230.88	1120.45	1019.33	922.25	804.83	764.70	689.10	618.60	554.20
300.0	1287.92	1167.78	1056.14	957.04	863.60	779.06	711.91	640.72	576.81
330.0	1240.59	1125.31	1019.73	920.23	799.49	758.43	681.98	612.12	549.47
360.0	1328.37	1211.87	1103.47	1005.58	913.76	836.50	749.13	683.19	614.83

ROLED 投光灯

光强数据表(cd)

C/γ(°)	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0
0.0	552.95	496.72	449.40	402.88	360.00	320.36	286.38	255.24	227.33
30.0	541.62	483.78	434.83	384.27	344.23	309.44	277.08	247.15	220.05
60.0	569.85	518.44	462.95	413.39	370.03	329.34	293.42	262.36	235.94
90.0	574.38	514.92	459.10	415.82	370.52	329.66	294.88	263.33	233.39
120.0	557.56	503.52	451.17	404.74	368.25	329.22	294.27	263.81	237.28
150.0	569.53	510.47	455.46	413.39	369.30	328.86	294.47	262.92	233.80
180.0	586.96	528.84	472.82	427.43	382.25	340.18	303.01	270.49	239.99
210.0	599.67	535.75	477.79	426.30	380.47	339.17	302.28	272.75	242.70
240.0	562.65	504.41	451.42	403.69	360.81	326.02	290.83	259.28	231.37
270.0	496.11	442.96	400.01	356.36	317.49	282.50	254.99	224.54	200.02
300.0	519.78	466.79	419.46	376.59	341.80	305.80	274.65	245.53	219.64
330.0	493.85	442.92	401.46	359.76	321.90	288.20	257.38	230.00	205.65
360.0	552.95	496.72	449.40	402.88	360.00	320.36	286.38	255.24	227.33
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	205.48	182.06	161.64	143.96	128.06	115.44	101.81	91.70	81.71
30.0	205.89	174.18	156.10	139.19	123.90	109.66	97.40	87.57	77.30
60.0	209.73	187.61	166.77	148.33	132.35	117.71	105.94	94.41	83.41
90.0	209.12	194.89	166.61	148.45	132.39	118.27	104.04	93.36	82.40
120.0	209.49	186.96	167.78	148.98	133.08	118.03	106.26	94.61	82.68
150.0	209.12	195.37	167.18	149.34	133.20	119.33	106.42	94.57	83.45
180.0	212.97	192.14	169.85	148.69	134.01	118.64	105.09	93.60	83.33
210.0	216.16	192.58	171.63	152.62	137.57	122.28	108.61	96.84	86.24
240.0	206.29	183.44	163.30	147.56	131.38	117.55	105.17	93.80	84.58
270.0	180.16	160.38	143.11	127.78	115.08	101.69	90.81	81.87	72.45
300.0	205.48	174.58	157.31	140.28	124.63	111.16	99.14	89.15	79.28
330.0	185.87	166.13	148.37	132.43	119.37	105.13	93.48	84.18	74.91
360.0	205.48	182.06	161.64	143.96	128.06	115.44	101.81	91.70	81.71
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	72.12	63.38	55.70	49.71	43.04	38.51	34.34	30.66	27.83
30.0	68.52	60.47	53.23	46.96	41.58	37.09	33.25	29.93	27.26
60.0	73.58	65.16	57.96	50.24	44.90	39.28	34.62	30.86	27.51
90.0	72.89	64.19	56.35	50.32	44.37	39.07	34.71	30.82	27.51
120.0	73.94	65.61	57.96	51.05	45.63	40.00	35.27	31.35	27.95
150.0	74.35	66.01	58.09	52.14	46.07	40.41	35.88	32.20	28.96
180.0	73.46	64.84	56.51	49.51	44.17	38.35	34.22	30.54	27.47
210.0	77.50	68.08	61.08	54.16	47.97	42.47	37.86	34.26	31.11
240.0	74.27	66.50	59.02	52.54	46.23	40.81	36.65	32.40	29.12
270.0	64.11	56.83	50.36	45.02	39.56	35.76	32.04	28.92	26.41
300.0	70.34	62.25	55.17	48.82	42.80	38.18	33.82	29.97	26.86
330.0	66.86	59.34	53.11	46.44	41.06	36.85	32.93	29.77	27.18
360.0	72.12	63.38	55.70	49.71	43.04	38.51	34.34	30.66	27.83
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	25.60	24.07	22.77	21.88	21.11	20.18	19.09	17.88	16.62
30.0	25.20	23.58	22.21	21.20	20.27	19.05	17.96	16.83	15.86
60.0	25.28	23.18	21.96	20.87	19.98	18.53	16.83	15.45	14.04
90.0	24.96	23.02	21.24	19.78	18.20	16.87	15.86	14.76	14.00
120.0	25.16	23.10	21.72	20.51	19.38	18.16	16.79	15.29	13.91
150.0	26.41	24.63	22.93	21.64	20.43	19.01	17.92	16.87	16.10
180.0	25.04	23.38	22.33	21.56	20.83	19.90	18.81	17.51	16.10
210.0	28.60	26.62	24.96	23.46	22.09	20.95	19.82	18.65	17.56
240.0	26.41	24.39	22.98	21.84	21.03	19.82	18.28	16.38	14.72
270.0	24.59	22.81	21.16	19.50	17.88	16.50	15.37	14.40	13.35
300.0	24.39	22.41	21.03	20.10	18.69	17.43	15.90	14.44	13.11
330.0	25.28	23.54	22.13	20.83	19.62	18.45	17.27	16.30	15.21
360.0	25.60	24.07	22.77	21.88	21.11	20.18	19.09	17.88	16.62

# ROLED 投光灯

## 光强数据表(cd)

第 6 页 共 6 页

C/γ(°)	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0
0.0	15.29	13.91	12.58	11.29	10.11	8.94	7.93	6.71	5.34
30.0	14.72	13.75	12.38	10.92	9.51	7.85	6.19	4.69	3.60
60.0	12.82	11.69	10.44	9.10	7.93	6.88	5.74	4.57	3.56
90.0	12.98	12.09	11.00	10.07	8.74	7.44	6.35	5.22	3.64
120.0	12.86	11.81	10.80	9.59	8.49	7.32	6.11	5.10	3.96
150.0	15.21	14.12	12.74	11.49	10.11	8.49	7.04	5.50	4.21
180.0	14.80	13.43	12.18	10.88	9.75	8.49	7.24	5.99	4.65
210.0	16.38	15.17	13.79	12.54	11.00	9.51	7.89	6.47	4.77
240.0	13.59	12.34	11.16	9.83	8.62	7.48	6.27	5.18	4.17
270.0	12.18	11.04	9.83	8.58	7.44	6.47	5.50	4.21	2.95
300.0	11.97	10.88	9.75	8.62	7.48	6.51	5.34	4.29	3.48
330.0	14.04	12.78	11.29	9.95	8.66	7.32	5.78	4.45	3.52
360.0	15.29	13.91	12.58	11.29	10.11	8.94	7.93	6.71	5.34
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	4.04	3.11	2.27	1.54	0.93	0.53	0.28	0.04	0.00
30.0	2.63	1.90	1.29	0.85	0.49	0.20	0.12	0.00	0.00
60.0	2.51	1.62	1.09	0.69	0.40	0.20	0.12	0.00	0.00
90.0	2.59	1.90	1.33	0.81	0.44	0.24	0.12	0.04	0.00
120.0	3.07	1.82	1.29	0.85	0.53	0.28	0.16	0.04	0.00
150.0	3.36	2.51	1.70	1.13	0.77	0.44	0.24	0.08	0.00
180.0	3.56	2.59	1.78	1.09	0.69	0.44	0.20	0.08	0.00
210.0	3.84	2.99	2.02	1.38	0.89	0.53	0.32	0.16	0.04
240.0	3.36	2.22	1.46	1.01	0.53	0.28	0.16	0.04	0.00
270.0	2.14	1.58	1.01	0.53	0.28	0.16	0.08	0.00	0.00
300.0	2.51	1.62	1.13	0.73	0.36	0.16	0.08	0.00	0.00
330.0	2.75	1.90	1.29	0.93	0.49	0.24	0.12	0.00	0.00
360.0	4.04	3.11	2.27	1.54	0.93	0.53	0.28	0.04	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								