

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(3015-XL-18RGBWN-C,CT)  
报告编号: ROLED20170922005      电压(V): 36.2000  
测试编号:      电流(A): 1.9240  
光源规格型号: XL      功率(W): 69.7000  
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

---

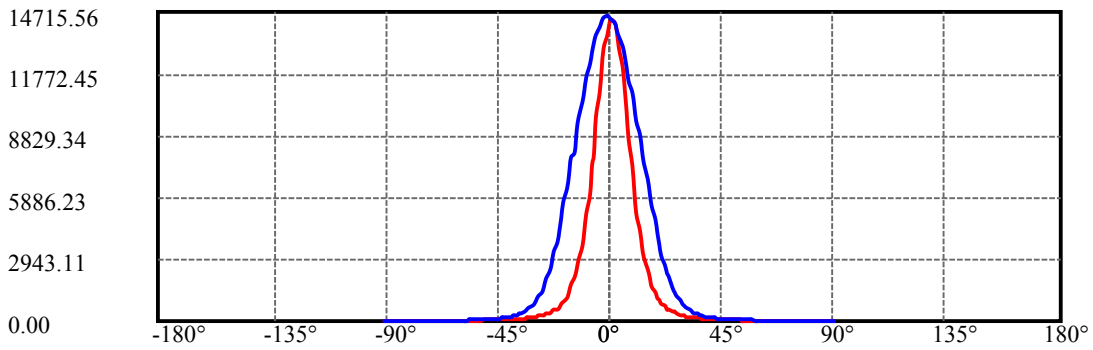
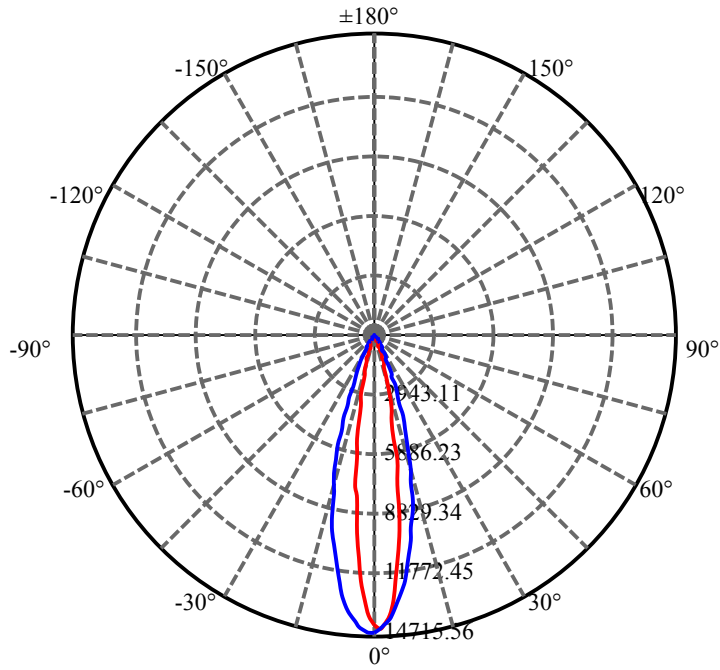
灯具光通量(lm): 2943.17  
灯具效能(lm/w): 42.23  
中心光强(cd): 14145.230  
最大光强(cd): 14715.560  
最大光强角度: C=30.0  $\gamma$ =0.0  
半峰边角(50%Imax): [V]Left=15.7 Right=14.3  
                          [H]Left=7.1 Right=9.2  
光束扩散角(10%Imax): [V]Left=26.9 Right=25.7  
                          [H]Left=15.9 Right=17.9  
有效光通量(lm): 2360.53

---

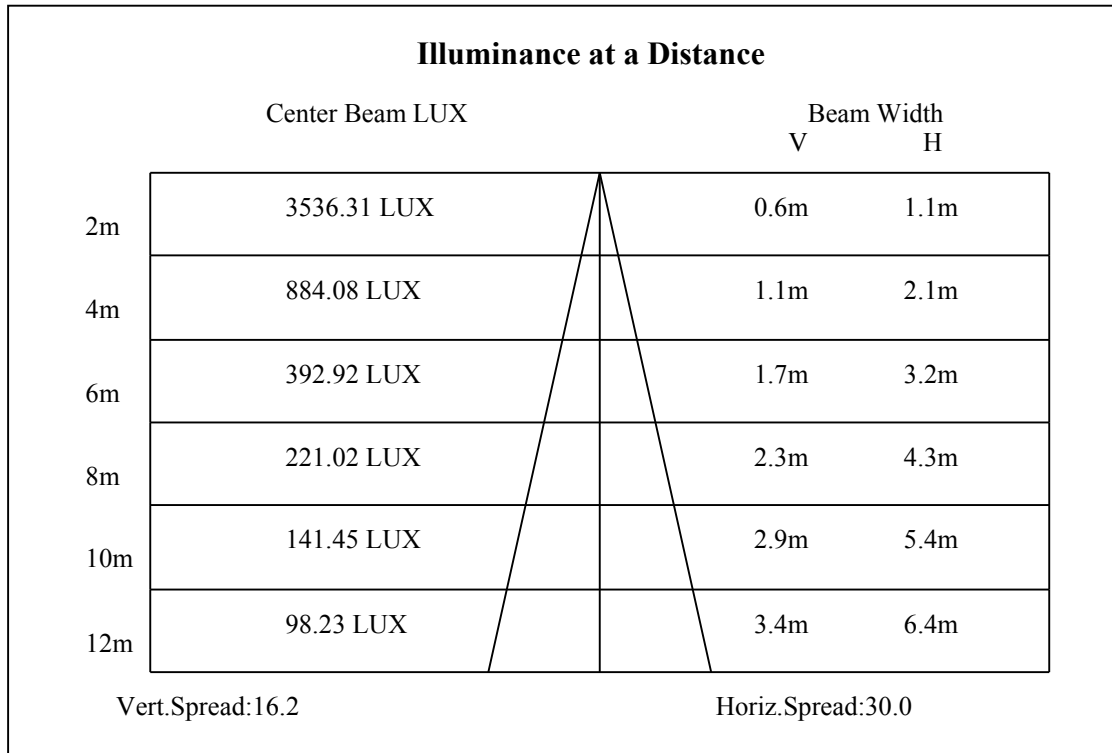
测试设备: GMS-1800  
环境温度(°C): 25.0

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	14145.23	14319.16	14161.41	13692.19	12976.23	12021.62	11091.28	9938.47	8680.48
30.0	14715.56	14452.64	13918.71	13218.93	12442.30	11374.43	10452.18	9343.86	8199.13
60.0	14553.77	14331.29	14015.79	13518.26	13032.86	12369.49	11653.53	10901.17	10112.40
90.0	14485.00	14339.38	14145.23	13845.90	13526.35	13097.58	12596.00	12041.85	11422.97
120.0	14351.52	14108.82	13724.55	13239.15	12652.63	12017.58	11180.27	10464.31	9606.78
150.0	14307.02	13983.43	13392.86	12632.41	11689.93	10630.15	9570.38	8587.45	7495.31
180.0	14145.23	13663.87	12951.96	11981.17	10905.21	9711.95	7971.00	7388.12	6069.87
210.0	14715.56	14687.25	14424.33	13878.26	13121.85	12187.46	11168.13	10120.49	9012.17
240.0	14553.77	14606.35	14489.05	14246.35	13793.31	13251.29	12713.31	12033.76	11265.21
270.0	14485.00	14513.32	14428.37	14230.17	13995.56	13619.38	13267.47	12794.21	12248.14
300.0	14351.52	14440.51	14383.88	14157.36	13797.36	13316.01	12737.58	12074.21	11378.47
330.0	14307.02	14367.70	14177.58	13732.64	13081.40	12231.96	11265.21	10229.70	9230.60
360.0	14145.23	14319.16	14161.41	13692.19	12976.23	12021.62	11091.28	9938.47	8680.48
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	7430.59	6233.28	5149.23	4271.48	3608.10	2989.23	2491.70	2062.93	1689.98
30.0	7127.22	6111.94	5258.45	4473.73	3777.99	3183.38	2706.08	2289.45	2066.98
60.0	9420.71	8062.42	7833.07	7073.83	6363.94	5659.30	5006.85	4474.13	3887.61
90.0	10852.63	10193.30	9501.61	8838.24	8158.68	7462.95	6787.44	6144.29	5444.52
120.0	8765.43	7951.18	7153.51	6478.00	5780.65	5096.65	4471.70	3901.36	3351.65
150.0	6463.85	5472.83	4663.84	3862.94	3252.15	2778.89	2350.12	2062.93	1639.83
180.0	5136.29	4286.04	3549.45	2947.97	2503.83	2061.31	1698.48	1397.94	1138.66
210.0	7984.35	6924.97	5916.97	5015.75	4330.94	3601.63	3092.78	2617.90	2206.53
240.0	10492.63	9703.86	8967.68	8191.04	7426.55	6678.23	5974.41	5311.03	4663.84
270.0	11637.35	11002.29	10403.64	9728.13	9064.76	8026.01	7739.22	6980.79	6342.09
300.0	10589.71	9756.44	8898.91	8085.88	7284.97	6508.34	5865.19	5181.59	4534.40
330.0	7970.19	6986.86	5927.89	4970.85	4239.12	3537.32	2963.34	2494.53	2097.31
360.0	7430.59	6233.28	5149.23	4271.48	3608.10	2989.23	2491.70	2062.93	1689.98
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	1415.74	1141.08	961.08	806.16	686.03	592.59	523.82	471.64	415.82
30.0	1653.18	1378.12	1141.08	952.18	811.01	678.34	586.92	519.37	451.01
60.0	3355.70	2882.03	2446.39	2105.00	1751.06	1492.19	1259.20	1075.56	859.15
90.0	4805.41	4194.62	3620.24	3114.62	2649.45	2261.13	2075.06	1587.65	1326.75
120.0	2858.17	2477.54	2086.80	1757.94	1488.55	1250.70	1060.18	860.36	784.88
150.0	1401.58	1172.23	980.90	829.22	702.21	596.63	516.54	454.25	392.36
180.0	937.62	790.75	679.07	585.51	516.46	454.49	400.09	357.29	307.90
210.0	1854.61	1555.69	1320.28	1098.61	861.58	774.85	662.08	570.78	495.47
240.0	4137.99	3595.97	3090.35	2633.27	2232.82	2050.80	1591.29	1366.79	1154.03
270.0	5628.97	4946.99	4306.26	3725.00	3260.64	2732.78	2345.67	1966.26	1641.04
300.0	3951.93	3405.86	2904.28	2463.38	2119.56	1782.61	1499.87	1262.03	1066.66
330.0	1761.58	1480.46	1264.86	1063.42	805.19	752.44	636.56	543.97	474.47
360.0	1415.74	1141.08	961.08	806.16	686.03	592.59	523.82	471.64	415.82
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	365.26	319.15	280.72	249.98	227.33	209.93	195.41	165.76	149.30
30.0	393.17	336.14	288.41	248.77	221.26	205.89	183.36	168.63	154.11
60.0	768.95	663.86	563.38	480.42	407.41	346.01	298.36	260.58	231.45
90.0	1148.77	971.19	806.57	699.78	599.06	512.50	445.75	395.19	341.39
120.0	665.56	567.75	484.18	420.27	358.14	296.50	259.04	227.08	199.50
150.0	340.59	294.88	255.24	225.71	205.89	184.94	168.80	151.69	133.20
180.0	273.64	245.77	223.93	202.81	180.93	160.46	144.73	133.73	122.40
210.0	436.61	376.02	319.71	271.70	235.90	210.74	192.54	178.14	162.49
240.0	978.48	823.55	705.85	599.06	502.38	433.22	368.09	314.70	271.82
270.0	1375.29	1158.48	989.40	793.99	706.49	600.43	514.28	444.50	386.86
300.0	923.06	779.87	659.33	559.42	476.90	407.73	347.06	297.71	255.64
330.0	410.32	355.43	308.71	269.88	240.72	215.07	195.01	178.71	162.28
360.0	365.26	319.15	280.72	249.98	227.33	209.93	195.41	165.76	149.30

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	137.69	126.45	114.19	104.16	94.21	85.07	77.02	71.23	67.23
30.0	140.68	125.47	112.57	103.55	96.63	90.97	86.00	82.11	77.46
60.0	204.68	184.33	166.81	154.23	141.29	129.80	120.58	111.36	102.82
90.0	300.14	260.50	225.71	207.10	174.34	155.57	140.04	126.57	114.96
120.0	176.48	159.70	145.13	132.88	121.87	111.72	102.09	94.00	87.65
150.0	118.64	107.56	96.15	89.56	83.65	78.31	73.78	69.94	65.69
180.0	110.75	99.43	88.99	81.91	75.11	69.37	64.92	61.52	57.92
210.0	146.79	130.53	117.99	106.58	99.38	94.09	89.39	84.66	80.25
240.0	240.68	212.36	205.08	171.14	155.85	143.76	133.00	123.21	113.74
270.0	340.55	297.18	258.72	224.86	200.55	175.83	153.83	139.31	125.84
300.0	222.88	205.89	173.57	155.33	141.61	131.54	121.43	111.36	101.77
330.0	144.65	127.90	115.73	103.87	94.49	88.06	82.92	78.59	73.58
360.0	137.69	126.45	114.19	104.16	94.21	85.07	77.02	71.23	67.23
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	63.22	59.99	56.79	53.92	51.61	50.00	48.26	46.36	45.22
30.0	73.70	70.34	67.07	64.44	61.65	59.38	57.07	54.49	52.26
60.0	95.66	90.12	83.37	78.71	75.96	74.91	75.07	74.55	72.40
90.0	106.06	98.21	89.84	85.23	77.91	70.14	64.15	58.94	54.69
120.0	81.14	75.92	71.15	67.19	64.27	63.06	63.59	65.25	65.41
150.0	62.01	59.14	56.02	53.60	51.41	49.39	47.41	45.79	44.41
180.0	54.81	52.62	50.60	48.90	47.37	45.79	44.74	44.05	43.16
210.0	76.45	72.49	69.29	66.09	63.06	60.39	57.96	55.62	52.91
240.0	105.25	97.85	91.09	85.47	78.55	73.94	71.19	70.38	70.67
270.0	114.55	105.74	98.05	90.24	84.42	77.42	69.29	63.10	57.60
300.0	94.29	87.05	80.70	75.48	70.75	66.66	63.75	62.33	62.01
330.0	69.37	65.61	62.13	58.98	56.18	53.88	51.90	50.16	48.18
360.0	63.22	59.99	56.79	53.92	51.61	50.00	48.26	46.36	45.22
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	44.45	43.69	42.51	41.26	39.76	38.47	37.46	36.28	34.95
30.0	50.64	49.15	47.69	46.19	44.86	43.40	41.38	39.24	36.61
60.0	67.51	61.12	55.98	50.89	45.55	41.06	38.06	35.11	32.20
90.0	51.45	49.59	47.89	46.15	43.77	40.89	38.31	36.04	33.29
120.0	62.70	57.56	52.26	46.19	41.99	38.55	35.23	32.00	29.04
150.0	43.24	41.82	40.33	39.28	38.02	36.73	35.07	33.41	31.59
180.0	41.99	40.49	38.95	37.50	36.28	34.46	32.89	31.15	29.29
210.0	50.56	48.42	46.23	44.17	42.19	40.61	38.95	37.42	35.31
240.0	70.06	67.43	60.76	56.02	50.80	46.40	41.22	37.25	34.58
270.0	53.07	49.47	47.16	44.94	42.80	40.21	37.29	34.62	32.32
300.0	63.06	63.38	61.32	56.59	51.49	46.48	40.98	37.66	34.58
330.0	46.60	45.34	43.89	42.63	40.85	39.76	38.79	37.29	35.60
360.0	44.45	43.69	42.51	41.26	39.76	38.47	37.46	36.28	34.95
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	33.94	33.25	31.96	30.13	27.99	26.01	23.78	21.44	19.17
30.0	34.06	31.51	28.84	26.25	24.07	22.00	19.98	18.16	16.42
60.0	29.37	27.10	25.52	24.03	22.77	21.52	19.13	16.42	14.56
90.0	31.31	30.54	28.36	24.76	21.24	18.93	16.91	15.33	13.67
120.0	26.49	24.15	22.57	21.03	19.58	17.68	14.97	13.39	11.77
150.0	28.88	26.58	23.78	21.36	18.97	16.83	15.13	13.31	11.73
180.0	27.10	24.96	23.18	20.91	19.29	17.15	15.21	13.51	12.01
210.0	32.85	30.13	27.83	25.28	22.77	20.63	18.97	17.64	15.73
240.0	31.55	28.60	26.25	24.47	23.74	22.57	21.24	19.94	16.91
270.0	30.13	28.76	28.64	27.67	24.71	21.32	18.57	16.30	14.48
300.0	31.91	28.72	26.17	24.35	22.73	21.44	20.18	18.61	16.46
330.0	33.86	32.20	29.81	27.34	24.63	22.05	19.90	17.92	16.10
360.0	33.94	33.25	31.96	30.13	27.99	26.01	23.78	21.44	19.17

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	16.71	14.40	12.50	10.72	9.22	7.64	6.47	5.42	4.41
30.0	14.89	13.43	12.13	11.04	9.59	8.29	6.47	5.14	4.17
60.0	12.98	11.57	10.15	8.90	7.69	6.27	5.02	4.17	3.16
90.0	11.81	10.48	9.30	7.89	6.59	5.26	4.45	3.36	2.35
120.0	10.40	9.38	8.62	7.60	6.59	5.66	4.57	3.56	2.67
150.0	10.27	8.86	7.73	6.59	5.66	4.61	3.64	2.91	2.27
180.0	10.72	9.34	8.13	6.92	5.95	5.02	4.13	3.40	2.59
210.0	14.32	13.15	12.46	11.69	10.80	9.71	8.58	6.67	5.22
240.0	14.64	13.02	11.77	10.52	9.38	8.29	7.28	6.11	5.02
270.0	13.27	11.73	10.56	9.91	8.90	7.60	6.27	5.18	4.00
300.0	14.60	13.19	11.65	10.44	9.55	8.66	7.85	6.55	5.50
330.0	14.20	12.54	10.92	9.47	8.13	6.88	5.87	4.73	3.80
360.0	16.71	14.40	12.50	10.72	9.22	7.64	6.47	5.42	4.41
C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	3.52	2.75	2.06	1.54	1.01	0.61	0.32	0.16	0.04
30.0	3.16	2.31	1.58	0.93	0.49	0.16	0.08	0.00	0.00
60.0	1.90	1.42	0.85	0.44	0.20	0.12	0.00	0.00	0.00
90.0	1.66	1.21	0.73	0.36	0.16	0.04	0.00	0.00	0.00
120.0	1.70	1.17	0.77	0.28	0.12	0.04	0.00	0.00	0.00
150.0	1.66	1.17	0.77	0.44	0.24	0.08	0.00	0.00	0.00
180.0	1.94	1.46	0.97	0.57	0.28	0.08	0.00	0.00	0.00
210.0	4.21	3.24	2.22	1.66	1.01	0.61	0.24	0.08	0.00
240.0	3.88	2.95	1.78	1.25	0.81	0.32	0.16	0.08	0.04
270.0	2.63	1.98	1.38	0.93	0.49	0.28	0.12	0.04	0.00
300.0	4.29	3.36	1.82	1.25	0.77	0.36	0.16	0.08	0.00
330.0	3.11	2.47	1.78	1.21	0.85	0.49	0.24	0.08	0.04
360.0	3.52	2.75	2.06	1.54	1.01	0.61	0.32	0.16	0.04
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								