

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: F3078C-108-UN(4-LZ-108WN-AA,L810mm,B,CT)  
报告编号: ROLED20171009005      电压(V): 219.1000  
测试编号:      电流(A): 1.6140  
光源规格型号: LZ      功率(W): 349.2000  
每个光源光通量(lm)      功率因数: 0.9870  
光源数量: 108      镇流器型号:  
发光面长度(mm): 750      发光面宽度(mm): 380  
测试模式: C      发光面高度(mm): 0

## 光度结果

---

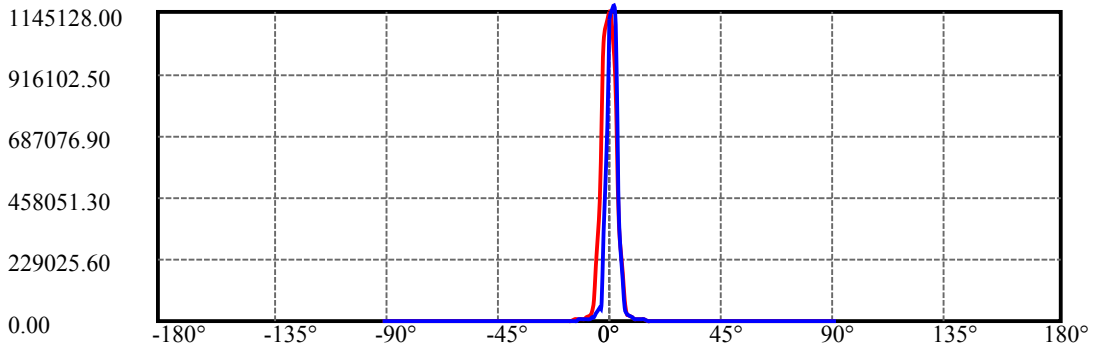
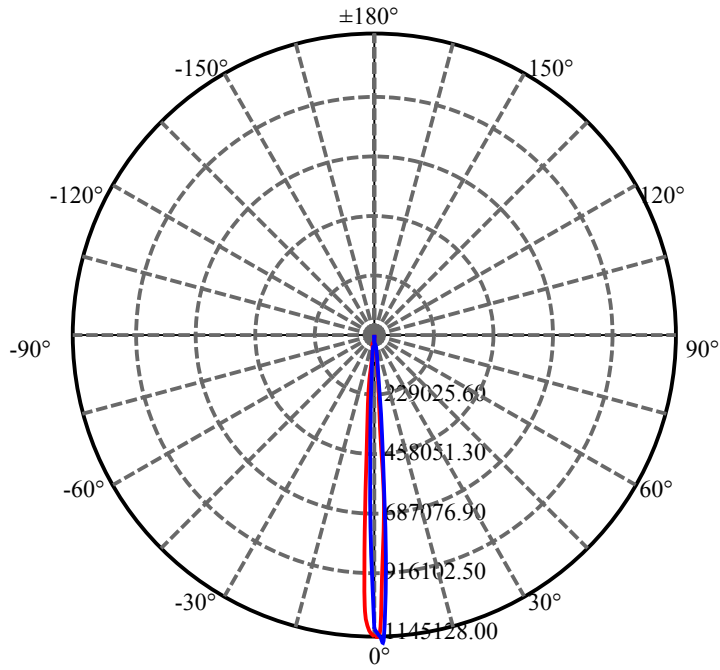
灯具光通量(lm): 16039.93  
灯具效能(lm/w): 45.93  
中心光强(cd): 1145128.000  
最大光强(cd): 1145128.000  
最大光强角度: C=0.0  $\gamma$ =0.0  
半峰边角(50%Imax): [V]Left=1.5 Right=3.8  
                          [H]Left=3.7 Right=3.4  
光束扩散角(10%Imax): [V]Left=3.8 Right=5.7  
                          [H]Left=6.3 Right=6.1  
有效光通量(lm): 12053.15

---

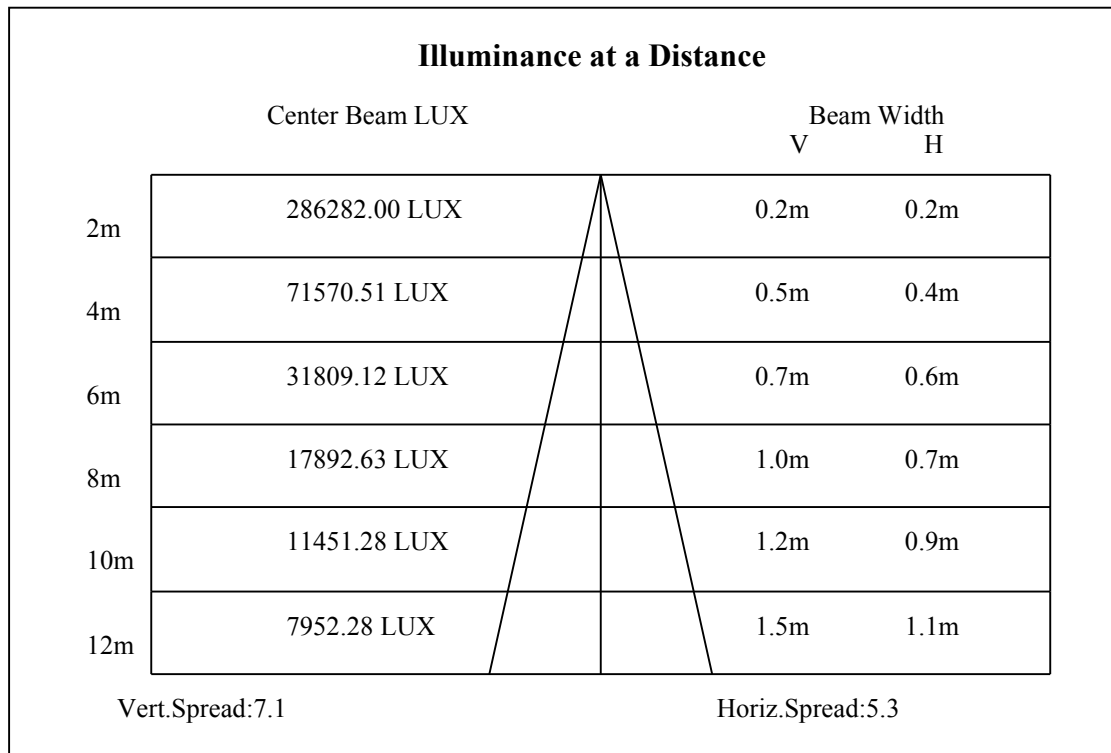
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2017/10/9  
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	1145128.001126966.00919823.90	636959.90	356927.30	176967.00	76611.54	29285.51	21074.24		
30.0	1122032.001145128.001083524.00801387.50	486770.50	243547.00	101164.50	41582.19	22206.83			
60.0	1145128.001145088.001100310.00743868.10	368172.30	75499.18	53300.44	26907.07	17089.96			
90.0	1118351.001145088.001145088.00841432.60	382936.40	146387.10	50602.45	26413.59	20629.30			
120.0	1145088.001145047.001144602.00863760.80	422091.60	74479.85	56924.72	28274.27	17996.03			
150.0	1119726.001145088.001145128.001014516.00666892.60	375291.40	143596.10	55820.45	27222.58				
180.0	1145128.00116611.001030170.00748196.30	443287.20	209326.70	76991.77	35373.18	19213.56			
210.0	1122032.00982359.00	676519.60	409147.70	193874.90	75660.98	37132.73	20665.70	13955.11	
240.0	1145128.00935437.40	533489.80	227448.10	84822.81	40530.50	22125.93	17482.32	11960.95	
270.0	1118351.00728780.40	325902.40	74678.05	46739.51	25499.43	17397.37	12596.00	7983.13	
300.0	1145088.00924880.10	529768.40	232989.70	87654.28	36566.44	20588.85	14157.36	10816.22	
330.0	1119726.00948300.40	606703.60	361943.00	170333.30	64727.45	28565.51	16911.98	12240.05	
360.0	1145128.001126966.00919823.90	636959.90	356927.30	176967.00	76611.54	29285.51	21074.24		
C/γ(°)	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0
0.0	12361.40	9161.83	7082.73	5545.64	4538.45	3705.18	3045.86	2568.55	2176.19
30.0	17061.64	10735.32	8178.91	6338.45	5048.11	4202.71	3385.63	2900.24	2463.38
60.0	12215.78	8014.68	7054.01	5686.41	4529.14	3711.25	3090.35	2609.40	2248.59
90.0	13364.55	10051.73	7725.87	6018.90	4797.32	3915.52	3248.10	2799.11	2402.71
120.0	12947.92	7939.85	7315.72	5829.60	4611.25	3771.93	3129.99	2671.29	2252.64
150.0	21600.09	11350.16	8838.24	6734.86	5274.63	4218.89	3430.13	2912.37	2431.02
180.0	12976.23	8886.78	7669.25	5832.02	4699.84	3819.25	3153.05	2627.20	2202.89
210.0	10326.78	8053.52	6331.17	5070.76	4110.49	3412.73	2922.48	2474.30	2081.94
240.0	9008.13	6965.42	5529.46	4542.49	3741.59	3134.84	2649.45	2257.09	2054.84
270.0	7409.56	5791.17	4656.15	3824.11	3186.22	2698.80	2345.27	2010.35	1743.78
300.0	8126.32	6306.09	5031.93	4065.19	3426.08	2831.47	2455.29	2103.38	1805.27
330.0	7907.49	6962.99	5489.01	4419.93	3617.41	3029.68	2614.26	2231.60	1899.92
360.0	12361.40	9161.83	7082.73	5545.64	4538.45	3705.18	3045.86	2568.55	2176.19
C/γ(°)	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0
0.0	2062.93	1561.35	1357.89	1158.48	998.30	908.50	851.46	814.25	781.08
30.0	2087.20	1769.27	1513.22	1301.26	1106.30	993.85	916.18	864.41	827.19
60.0	1935.51	1657.63	1399.15	1156.05	993.85	896.36	819.51	802.97	793.82
90.0	2071.02	1793.54	1496.23	1179.92	1008.81	915.78	824.36	790.39	787.55
120.0	1942.79	1660.86	1386.21	1129.76	962.30	873.71	804.95	783.55	778.21
150.0	2083.15	1742.16	1480.05	1235.74	1044.81	938.43	872.50	824.36	800.09
180.0	1874.84	1566.21	1336.86	1122.88	967.96	894.75	842.97	811.82	799.28
210.0	1742.16	1457.40	1226.43	1043.60	950.57	891.10	845.40	818.30	806.32
240.0	1607.87	1347.38	1126.93	979.69	886.66	833.67	813.44	801.31	778.25
270.0	1456.59	1180.72	1015.69	906.48	805.51	790.02	795.20	774.33	737.64
300.0	1512.01	1262.03	1075.15	940.05	846.61	789.58	769.35	757.62	733.76
330.0	1619.60	1400.77	1194.88	1012.86	926.70	865.62	805.59	792.04	777.56
360.0	2062.93	1561.35	1357.89	1158.48	998.30	908.50	851.46	814.25	781.08
C/γ(°)	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0
0.0	766.52	734.56	684.00	624.54	567.91	505.22	442.92	399.64	364.86
30.0	806.16	785.94	739.82	680.77	614.83	540.41	470.83	423.51	386.70
60.0	772.43	752.28	735.09	696.26	596.11	519.09	450.65	404.54	367.81
90.0	779.06	747.10	739.82	746.30	671.46	542.02	464.77	423.51	381.04
120.0	769.15	755.32	748.56	726.03	636.19	531.39	457.53	407.13	369.22
150.0	798.07	790.39	749.53	710.30	653.26	570.74	484.18	432.00	390.34
180.0	802.56	763.20	712.12	662.20	591.58	516.46	446.16	406.11	373.19
210.0	798.39	756.85	701.44	638.94	546.19	469.17	423.14	380.47	352.60
240.0	763.28	754.39	704.63	597.44	508.86	448.18	403.69	370.52	346.65
270.0	728.42	732.26	647.72	521.40	459.99	411.62	375.57	349.12	327.28
300.0	715.96	698.16	647.19	556.18	482.56	419.87	378.61	351.10	326.83
330.0	754.18	711.75	652.57	590.69	519.58	460.72	410.73	379.46	351.75
360.0	766.52	734.56	684.00	624.54	567.91	505.22	442.92	399.64	364.86

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	336.54	313.48	290.43	271.01	250.79	230.97	212.76	206.29	184.85
30.0	354.34	328.86	304.18	283.96	262.11	243.91	226.11	208.32	198.93
60.0	339.49	318.74	294.31	276.76	256.37	240.72	223.12	207.39	195.70
90.0	346.25	324.41	306.61	279.10	257.66	245.93	225.30	206.70	193.15
120.0	341.76	320.04	299.29	275.91	255.80	241.28	223.89	206.66	195.01
150.0	359.19	336.54	313.08	292.45	272.23	253.21	235.82	218.02	205.89
180.0	346.90	325.34	305.35	288.28	266.04	248.28	231.57	214.54	202.41
210.0	330.15	306.49	287.39	266.24	248.28	230.68	213.33	198.45	186.11
240.0	326.02	304.99	285.98	269.80	254.02	236.63	220.45	207.51	194.00
270.0	309.24	286.30	263.85	250.38	231.45	214.18	200.06	188.41	177.90
300.0	307.42	288.81	271.42	251.19	232.99	216.81	205.08	186.92	175.35
330.0	328.65	306.77	288.81	266.04	245.21	226.56	209.29	195.17	182.79
360.0	336.54	313.48	290.43	271.01	250.79	230.97	212.76	206.29	184.85
C/γ(°)	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0
0.0	171.99	163.13	154.03	144.81	135.79	127.98	120.14	113.22	106.75
30.0	181.62	171.71	161.52	150.92	141.37	133.12	125.35	118.36	112.81
60.0	183.60	171.06	159.65	149.58	139.96	131.66	124.95	118.07	112.37
90.0	181.58	171.43	161.76	152.78	143.35	134.98	126.77	119.49	113.34
120.0	183.24	171.06	161.11	152.62	145.58	138.50	133.28	128.14	126.36
150.0	190.76	179.80	169.24	159.65	149.83	141.09	132.80	125.92	117.91
180.0	189.06	178.59	168.51	159.01	149.91	142.26	135.91	128.83	122.20
210.0	174.94	164.31	155.29	145.70	137.16	129.56	122.52	115.85	109.13
240.0	183.12	172.19	162.20	153.59	146.14	140.36	136.48	141.69	161.07
270.0	167.14	156.54	147.92	139.39	131.70	124.63	118.23	112.65	105.21
300.0	165.60	155.49	145.98	137.16	129.44	122.16	115.52	110.02	103.51
330.0	172.40	161.96	152.05	142.71	134.09	126.20	119.25	113.46	107.19
360.0	171.99	163.13	154.03	144.81	135.79	127.98	120.14	113.22	106.75
C/γ(°)	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0
0.0	100.52	94.61	88.87	83.57	79.00	74.10	69.21	64.52	60.03
30.0	106.67	100.36	94.45	89.27	83.33	78.55	74.18	69.61	65.29
60.0	106.38	99.63	93.60	88.46	83.97	79.60	75.52	71.19	66.74
90.0	107.80	101.37	95.14	89.27	84.38	80.37	75.03	70.75	65.89
120.0	137.57	154.48	148.21	136.68	133.28	127.82	102.05	73.98	65.85
150.0	110.99	104.44	98.17	92.31	87.33	83.00	79.40	75.20	71.96
180.0	115.77	109.01	103.47	98.41	93.96	89.92	86.20	82.23	78.59
210.0	102.86	96.39	90.73	85.43	80.17	75.92	71.51	67.91	63.14
240.0	177.25	172.64	159.98	156.94	143.11	106.67	78.35	70.10	64.36
270.0	99.30	93.64	88.79	83.61	78.92	74.10	69.05	64.56	59.82
300.0	96.96	91.13	86.00	80.94	76.17	72.36	68.48	64.52	60.39
330.0	100.44	94.45	88.99	83.85	79.24	75.52	71.31	67.39	63.42
360.0	100.52	94.61	88.87	83.57	79.00	74.10	69.21	64.52	60.03
C/γ(°)	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0
0.0	56.22	62.25	76.17	85.96	82.80	69.09	49.11	40.00	37.86
30.0	60.71	56.95	53.23	49.51	46.80	44.37	42.31	40.89	42.15
60.0	62.25	58.00	53.96	50.28	46.72	43.69	40.93	38.51	35.76
90.0	60.39	55.54	51.57	48.01	45.14	42.31	39.60	36.97	34.58
120.0	61.24	56.06	51.94	48.46	45.26	42.63	40.33	38.22	36.12
150.0	67.96	63.99	60.35	57.76	55.29	52.62	50.16	47.04	44.62
180.0	74.71	70.14	66.26	62.41	58.57	54.81	51.09	46.03	41.66
210.0	58.89	54.77	51.29	47.81	44.78	42.71	40.98	40.00	39.92
240.0	59.14	54.45	49.51	45.02	41.70	38.83	36.12	33.73	31.71
270.0	55.29	51.01	47.61	44.21	40.85	38.59	36.04	33.65	31.35
300.0	56.31	52.79	48.86	45.71	42.80	40.33	37.90	35.60	33.57
330.0	59.74	56.14	52.91	49.47	46.52	43.73	40.98	38.83	38.75
360.0	56.22	62.25	76.17	85.96	82.80	69.09	49.11	40.00	37.86

# 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	35.43	32.36	28.80	25.00	22.65	19.82	17.76	16.10	15.29
30.0	44.21	48.26	50.04	47.45	44.25	43.44	42.31	37.42	32.12
60.0	33.57	31.11	28.72	26.25	23.70	21.64	19.33	17.39	15.45
90.0	32.20	30.22	28.19	26.17	24.11	22.37	20.43	18.32	16.75
120.0	34.22	32.28	30.78	29.41	27.95	26.58	24.67	22.05	19.46
150.0	44.49	48.90	52.10	51.86	48.05	45.06	44.01	40.33	33.13
180.0	38.02	34.26	30.94	27.87	25.12	22.45	19.98	18.04	16.10
210.0	40.89	42.96	43.65	42.35	40.33	39.72	32.28	23.78	20.02
240.0	29.77	28.15	26.41	24.47	22.29	19.98	17.92	16.06	14.08
270.0	29.20	26.90	24.63	22.33	20.18	18.45	16.26	14.64	14.56
300.0	31.07	29.16	26.94	24.84	22.77	20.71	18.81	16.71	14.60
330.0	41.22	44.78	45.38	44.21	41.62	39.20	38.51	29.41	21.80
360.0	35.43	32.36	28.80	25.00	22.65	19.82	17.76	16.10	15.29

C/γ(°)	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.42	10.40	8.98	7.64	6.76	5.99	4.93	3.84	2.83
30.0	22.98	19.66	16.34	13.31	10.52	7.93	6.11	4.69	3.68
60.0	13.67	11.81	10.44	8.70	7.40	6.23	5.42	4.61	3.80
90.0	15.05	14.16	14.28	12.09	10.19	8.94	8.05	7.28	6.63
120.0	17.03	14.64	12.46	10.31	8.45	6.84	5.70	4.61	3.72
150.0	23.30	19.33	16.10	13.15	10.31	7.85	5.95	4.57	3.52
180.0	15.05	15.41	16.79	15.86	13.27	9.34	6.27	4.09	2.71
210.0	17.23	14.24	11.73	8.98	6.96	5.38	4.41	3.36	1.78
240.0	12.18	10.40	8.58	6.96	5.87	4.81	3.92	2.87	0.85
270.0	12.66	11.00	9.30	7.56	6.19	5.02	3.88	2.14	0.73
300.0	12.22	10.56	8.66	7.00	5.74	4.65	3.80	2.75	0.77
330.0	18.53	15.49	12.66	9.75	7.32	5.58	4.21	3.20	1.50
360.0	12.42	10.40	8.98	7.64	6.76	5.99	4.93	3.84	2.83

C/γ(°)	90.0
0.0	1.05
30.0	2.47
60.0	2.63
90.0	4.45
120.0	2.31
150.0	2.27
180.0	1.13
210.0	0.69
240.0	0.69
270.0	0.73
300.0	0.73
330.0	0.69
360.0	1.05