

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

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## ROLED

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灯具名称: 投光灯

灯具描述: F2226A1-32-36DC-RC-Y(60-CL-32RGBWN-C, CT)

报告编号:

电压(V): 37.2000

测试编号: 20210305002

电流(A): 1.4680

光源规格型号: CL

功率(W): 54.6000

每个光源光通量(lm)

功率因数: 1.0370

光源数量: 32

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

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## 光度结果

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灯具光通量(lm): 2839.76

灯具效能(lm/w): 52.01

中心光强(cd): 2602.939

最大光强(cd): 2695.792

最大光强角度:  $C=210.0 \gamma=6.0$

半峰边角(50%Imax): [C0/180]Total=59.1

[C90/270]Total=55.7

光束扩散角(10%Imax): [C0/180]Total=102.9

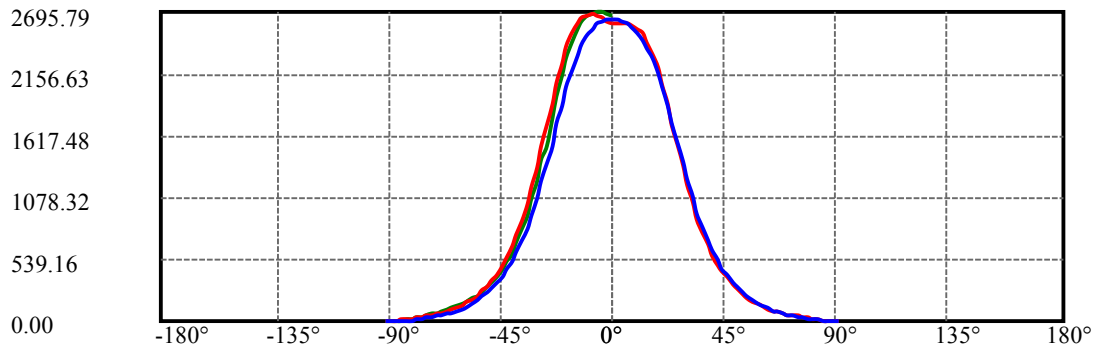
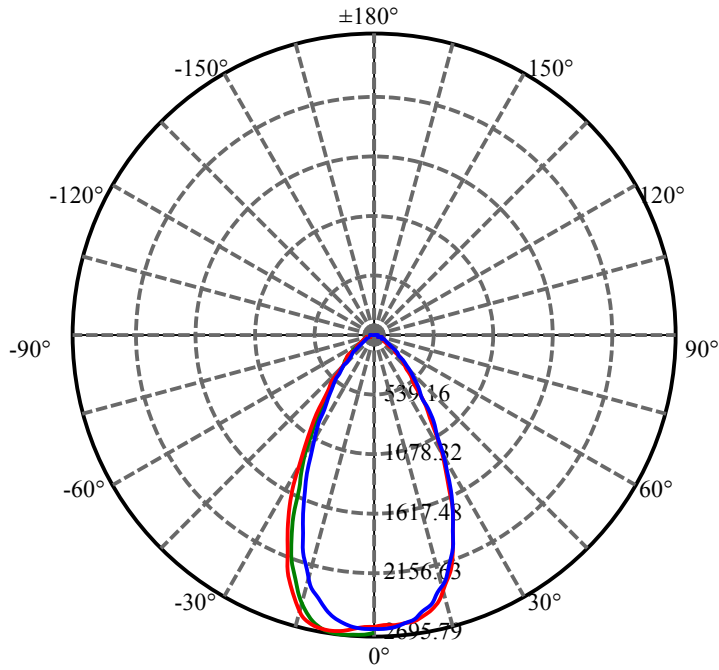
[C90/270]Total=100.6

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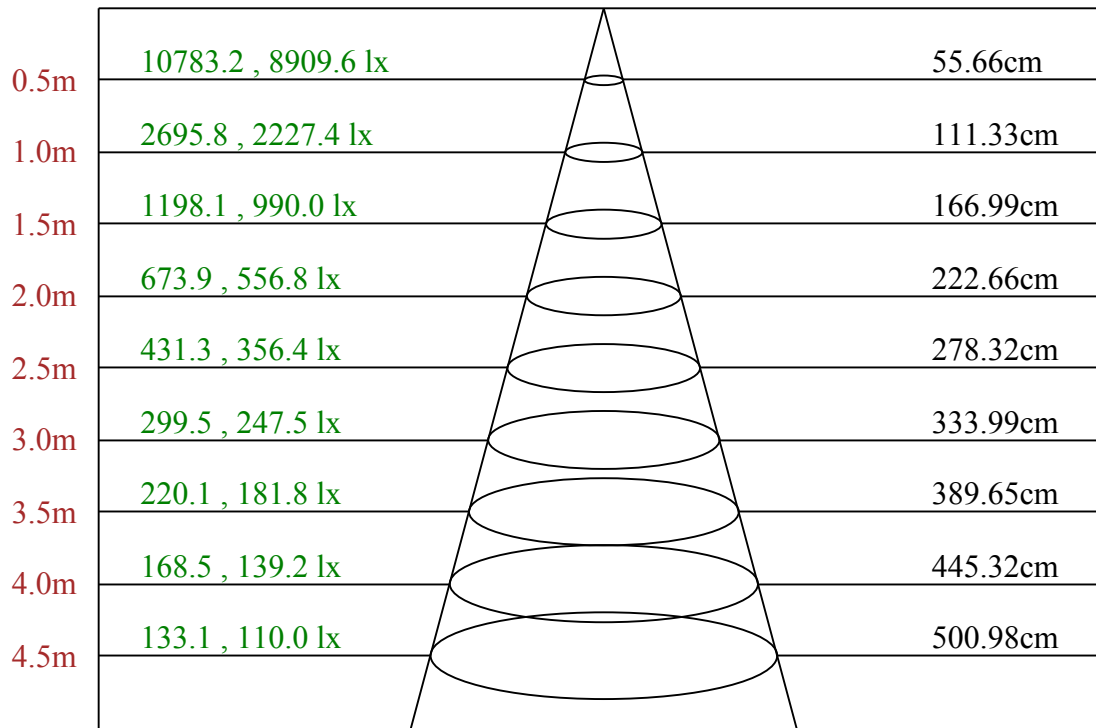
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/5  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

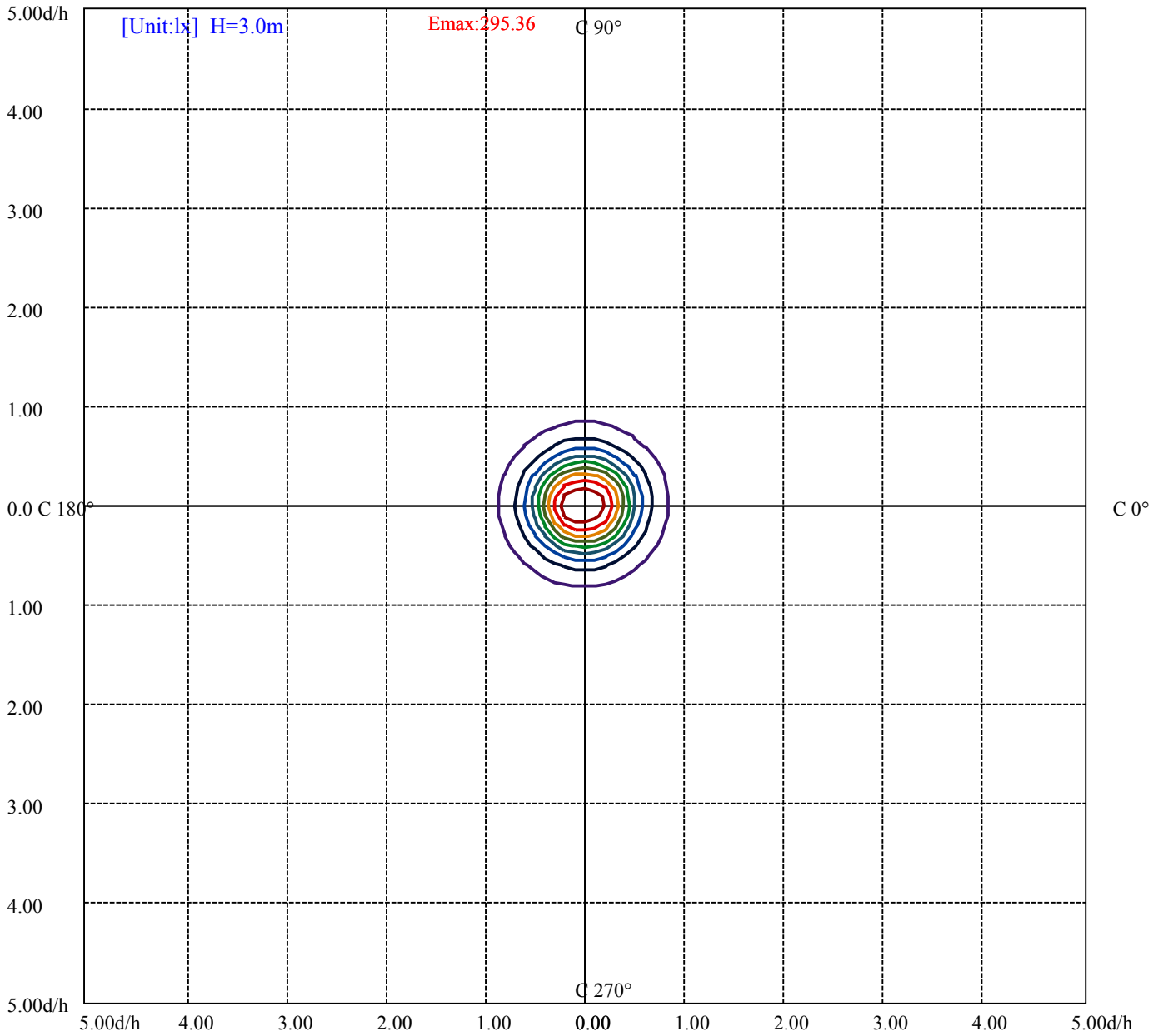


C210(Max): ———  
C0/C180: ———  
C90/C270: ———



Max , Ave    C210面光束角58.20

ROLED 投光灯  
平面等照度曲线



(10%Emax) 29.53544	—
(20%Emax) 59.07089	—
(30%Emax) 88.60622	—
(40%Emax) 118.1422	—
(50%Emax) 147.6767	—
(60%Emax) 177.2122	—
(70%Emax) 206.7478	—
(80%Emax) 236.2833	—
(90%Emax) 265.8189	—

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测试人员: anpeilou  
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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

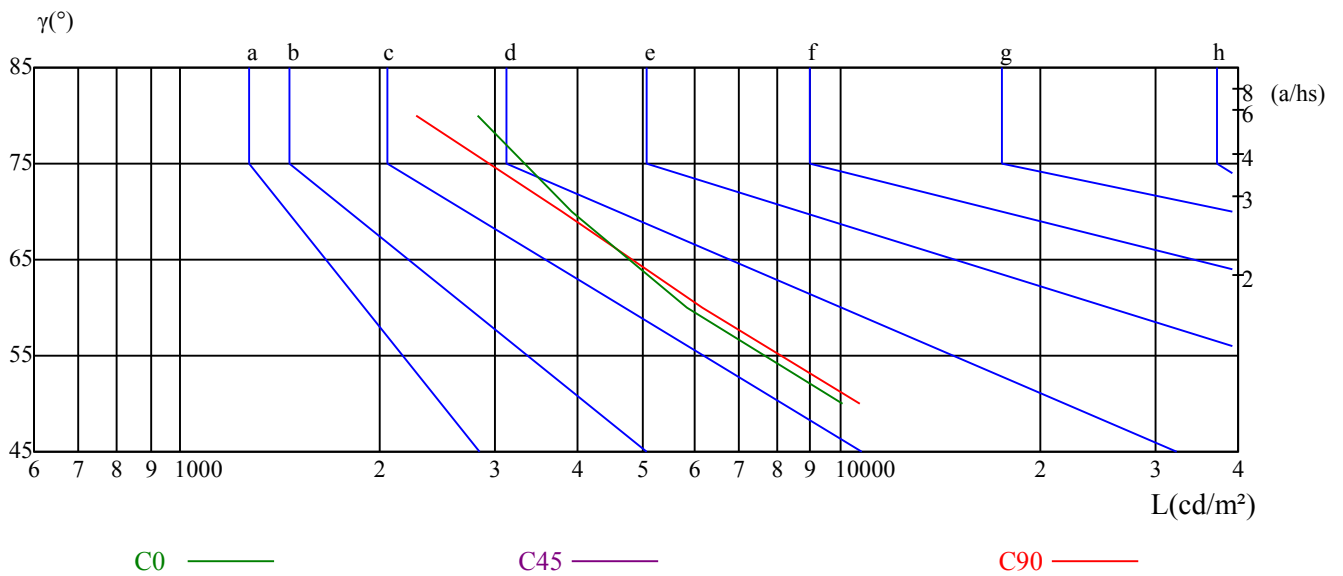
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	10040	0	5848	0	3926	0	2823	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10656	0	6171	0	3791	0	2281	0

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



参照UGR的照射评估											
天花板反射率	70	70	50	50	30	70	70	50	50	30	
墙壁反射率	50	30	50	30	30	50	30	50	30	30	
地板反射率	20	20	20	20	20	20	20	20	20	20	
空间尺寸	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	12.09	13.29	12.45	13.60	13.92	12.65	13.85	13.02	14.16	14.48
	3H	12.85	13.91	13.23	14.24	14.61	13.51	14.57	13.89	14.91	15.27
	4H	13.05	14.04	13.45	14.39	14.77	13.79	14.78	14.20	15.13	15.51
	6H	13.11	14.01	13.52	14.38	14.78	13.95	14.85	14.36	15.22	15.62
	8H	13.09	13.94	13.52	14.34	14.74	13.97	14.82	14.40	15.21	15.62
	12H	13.07	13.88	13.50	14.27	14.70	13.97	14.79	14.41	15.17	15.60
4H	2H	12.48	13.47	12.89	13.82	14.21	12.96	13.94	13.36	14.29	14.68
	3H	13.47	14.27	13.88	14.68	15.09	14.09	14.89	14.50	15.30	15.71
	4H	13.75	14.47	14.18	14.89	15.33	14.48	15.19	14.91	15.62	16.06
	6H	13.84	14.45	14.30	14.90	15.37	14.67	15.28	15.13	15.73	16.20
	8H	13.82	14.40	14.29	14.84	15.32	14.70	15.28	15.17	15.72	16.20
	12H	13.80	14.30	14.29	14.79	15.26	14.71	15.21	15.20	15.70	16.18
8H	4H	13.89	14.47	14.37	14.92	15.39	14.56	15.14	15.03	15.59	16.06
	6H	14.03	14.49	14.53	14.99	15.47	14.83	15.29	15.33	15.79	16.27
	8H	14.03	14.45	14.56	14.97	15.46	14.89	15.31	15.42	15.82	16.32
	12H	14.62	14.98	15.14	15.48	16.05	15.51	15.87	16.02	16.36	16.94
12H	4H	13.87	14.38	14.36	14.86	15.34	14.53	15.03	15.01	15.51	15.99
	6H	14.48	14.44	14.55	14.90	15.45	15.26	15.21	15.33	15.68	16.23
	8H	14.05	14.41	14.57	14.91	15.48	14.89	15.25	15.41	15.75	16.32
对应照射距离，改变观察者位置S											
S = 1.0H	1.0/-1.4					0.9/-1.4					
S = 1.5H	2.1/-2.4					1.9/-2.2					
S = 2.0H	4.3/-3.1					3.9/-2.8					
标准表格	BK2					BK2					
更正系数	1.4					1.6					

ROLED 投光灯

光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	2602.94	2596.80	2592.96	2588.36	2576.85	2549.22	2505.48	2433.35	2329.75
30.0	2667.40	2658.19	2652.05	2642.84	2628.26	2599.87	2558.43	2493.97	2408.79
60.0	2648.98	2639.77	2625.19	2603.71	2572.24	2527.74	2470.95	2395.75	2303.66
90.0	2634.40	2628.26	2614.45	2592.20	2557.66	2513.92	2451.77	2377.33	2286.78
120.0	2620.59	2619.82	2618.29	2609.08	2589.89	2557.66	2509.32	2439.49	2350.47
150.0	2609.08	2617.52	2629.80	2642.84	2648.98	2641.31	2614.45	2563.04	2485.53
180.0	2602.94	2616.75	2639.01	2659.73	2674.31	2669.70	2648.98	2596.80	2514.69
210.0	2667.40	2679.68	2690.42	2695.79	2687.35	2662.03	2617.52	2539.25	2431.05
240.0	2648.98	2654.35	2651.28	2635.94	2610.61	2564.57	2499.34	2409.56	2289.08
270.0	2634.40	2630.56	2616.75	2589.89	2545.39	2489.37	2411.10	2314.41	2183.18
300.0	2620.59	2615.98	2603.71	2582.99	2548.46	2499.34	2428.75	2337.43	2216.95
330.0	2609.08	2605.24	2599.10	2587.59	2565.34	2528.50	2468.65	2381.17	2266.83
360.0	2602.94	2596.80	2592.96	2588.36	2576.85	2549.22	2505.48	2433.35	2329.75
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2207.74	2055.03	1890.05	1713.55	1533.22	1349.81	1192.50	1036.72	893.23
30.0	2289.85	2156.33	1994.41	1816.38	1632.98	1448.81	1279.22	1115.00	972.27
60.0	2179.35	2042.75	1883.14	1712.02	1524.55	1374.14	1215.45	1059.75	917.78
90.0	2164.00	2035.08	1882.37	1724.29	1556.24	1388.18	1233.94	1082.00	941.57
120.0	2229.23	2094.94	1934.55	1771.10	1557.01	1417.80	1253.36	1090.36	941.65
150.0	2374.26	2236.90	2084.19	1903.86	1715.85	1524.01	1345.21	1170.25	1017.54
180.0	2389.61	2246.88	2073.45	1896.19	1705.11	1521.17	1345.82	1173.01	1014.62
210.0	2301.36	2137.91	1966.02	1766.50	1530.84	1398.77	1222.58	1065.19	921.16
240.0	2156.33	1993.64	1821.75	1642.18	1460.32	1280.75	1128.04	979.17	844.11
270.0	2045.82	1880.84	1718.15	1528.46	1379.74	1222.97	1071.64	928.99	804.90
300.0	2084.96	1924.58	1757.29	1580.79	1403.53	1237.01	1071.26	933.90	801.91
330.0	2137.14	1976.76	1803.33	1632.21	1453.87	1276.22	1119.22	964.44	831.45
360.0	2207.74	2055.03	1890.05	1713.55	1533.22	1349.81	1192.50	1036.72	893.23
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	775.82	668.38	571.70	493.42	428.96	388.29	320.30	278.79	239.19
30.0	839.51	723.64	623.88	541.77	468.87	405.94	356.45	309.94	271.96
60.0	794.23	691.25	596.56	520.13	450.91	391.21	340.10	295.90	259.14
90.0	816.49	710.59	613.13	531.02	457.36	395.20	341.79	295.90	253.39
120.0	811.96	704.22	605.31	525.88	454.44	393.43	341.33	298.89	259.99
150.0	874.81	752.80	651.50	556.35	481.91	418.22	365.50	317.00	275.87
180.0	874.35	756.25	647.51	559.42	479.23	409.16	350.54	303.57	260.29
210.0	801.52	688.49	594.41	514.22	446.54	387.45	336.57	293.21	255.31
240.0	736.68	636.15	547.14	475.01	415.92	359.67	314.85	273.34	235.58
270.0	701.07	602.31	523.04	451.83	387.76	334.19	286.46	245.33	209.88
300.0	698.31	601.62	517.21	451.22	391.36	339.64	295.98	259.14	224.15
330.0	722.25	619.50	534.86	466.72	402.95	350.61	305.80	267.66	234.13
360.0	775.82	668.38	571.70	493.42	428.96	388.29	320.30	278.79	239.19
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	204.81	174.19	148.79	126.31	106.82	89.40	76.81	66.45	58.01
30.0	235.51	207.27	180.95	159.15	139.66	123.09	108.66	94.46	81.50
60.0	225.53	196.45	169.74	147.57	128.69	112.34	96.15	82.88	72.44
90.0	216.40	185.86	157.62	133.29	109.35	90.09	76.12	64.92	56.02
120.0	226.30	197.22	170.43	148.26	129.53	113.26	97.00	83.64	72.98
150.0	241.80	210.72	183.56	160.07	141.04	124.01	109.50	95.00	81.88
180.0	222.31	190.92	161.61	135.29	112.50	93.77	79.04	67.76	58.70
210.0	224.30	194.15	168.98	147.64	129.46	113.34	97.99	84.03	71.44
240.0	203.43	176.73	152.63	132.53	114.42	97.00	83.72	72.21	59.93
270.0	179.80	150.25	123.78	101.06	84.41	71.67	61.54	52.26	43.74
300.0	195.37	169.05	146.65	128.08	111.35	94.92	82.42	71.60	58.86
330.0	206.50	179.72	157.31	138.43	122.32	107.97	93.93	80.73	68.91
360.0	204.81	174.19	148.79	126.31	106.82	89.40	76.81	66.45	58.01

# ROLED 投光灯

## 光强数据表(cd)

附页 第 8页 共8页

C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	50.19	42.21	34.99	28.55	21.18	14.12	7.52	2.07	0.84
30.0	69.06	58.24	47.88	37.75	28.16	18.19	10.21	3.76	1.23
60.0	59.70	49.19	39.14	28.62	20.72	12.12	5.53	2.92	1.53
90.0	47.42	39.37	30.70	24.17	17.11	10.90	5.22	3.30	1.76
120.0	60.47	49.88	39.75	29.24	21.18	12.51	5.91	2.99	1.61
150.0	69.37	58.17	47.04	34.76	24.56	13.97	8.52	3.76	1.23
180.0	50.03	42.05	34.07	27.86	20.72	14.96	8.67	2.84	1.00
210.0	59.63	48.57	38.45	28.85	19.18	11.28	4.60	1.46	0.46
240.0	49.34	39.06	28.39	20.57	11.82	5.22	2.69	1.53	0.38
270.0	35.45	26.86	20.72	13.35	7.83	3.91	2.53	1.23	0.23
300.0	48.42	38.29	27.78	20.03	11.43	4.68	2.69	1.38	0.31
330.0	58.24	46.96	37.29	27.93	18.26	10.67	4.07	1.38	0.38
360.0	50.19	42.21	34.99	28.55	21.18	14.12	7.52	2.07	0.84

C/γ(°)	90.0
0.0	0.31
30.0	0.31
60.0	0.46
90.0	0.46
120.0	0.38
150.0	0.31
180.0	0.31
210.0	0.15
240.0	0.15
270.0	0.15
300.0	0.15
330.0	0.15
360.0	0.31