

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F3073A-60-UN (5015-OL-60WN-AA, L520mm, C, CT)

报告编号:

电压(V): 220.5000

测试编号: 20210402002

电流(A): 0.3170

光源规格型号: OL

功率(W): 68.5000

每个光源光通量(lm)

功率因数: 0.9790

光源数量: 60

镇流器型号:

发光面长度(mm): 490

发光面宽度(mm): 103

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): 6557.70

灯具效能(lm/w): 95.73

中心光强(cd): 19291.830

最大光强(cd): 19652.500

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=52.4

[C90/270]Total=11.6

光束扩散角(10%Imax): [C0/180]Total=78.1

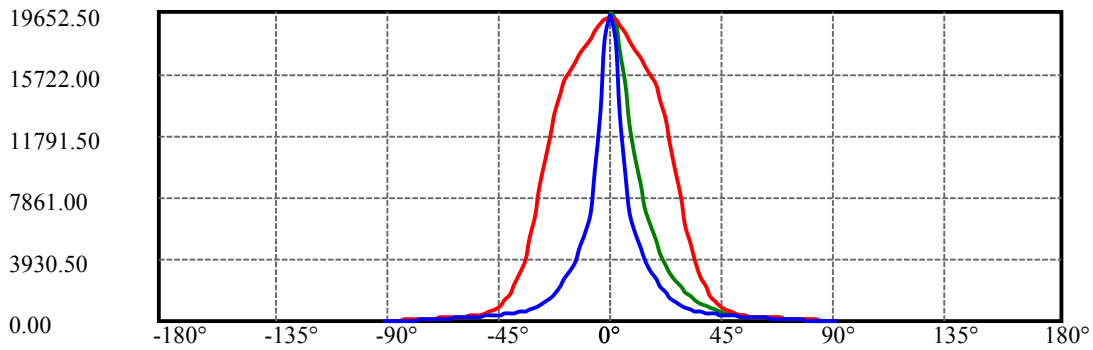
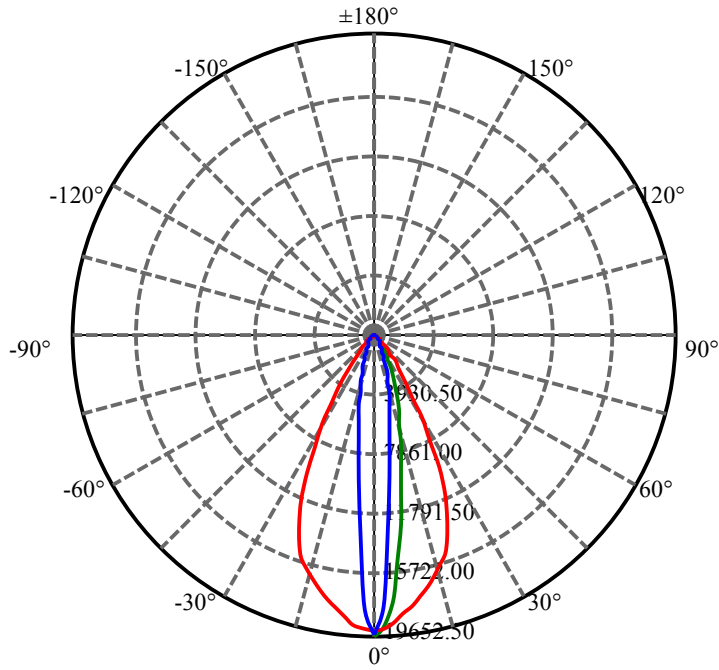
[C90/270]Total=42.2

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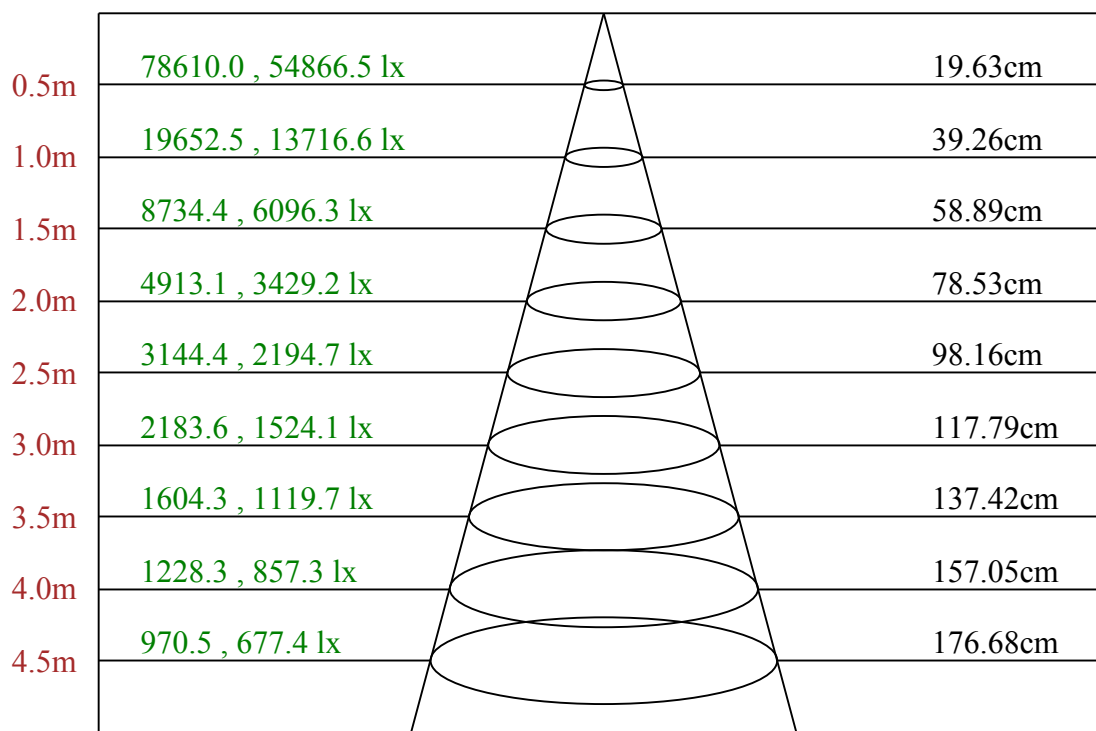
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/4/2  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

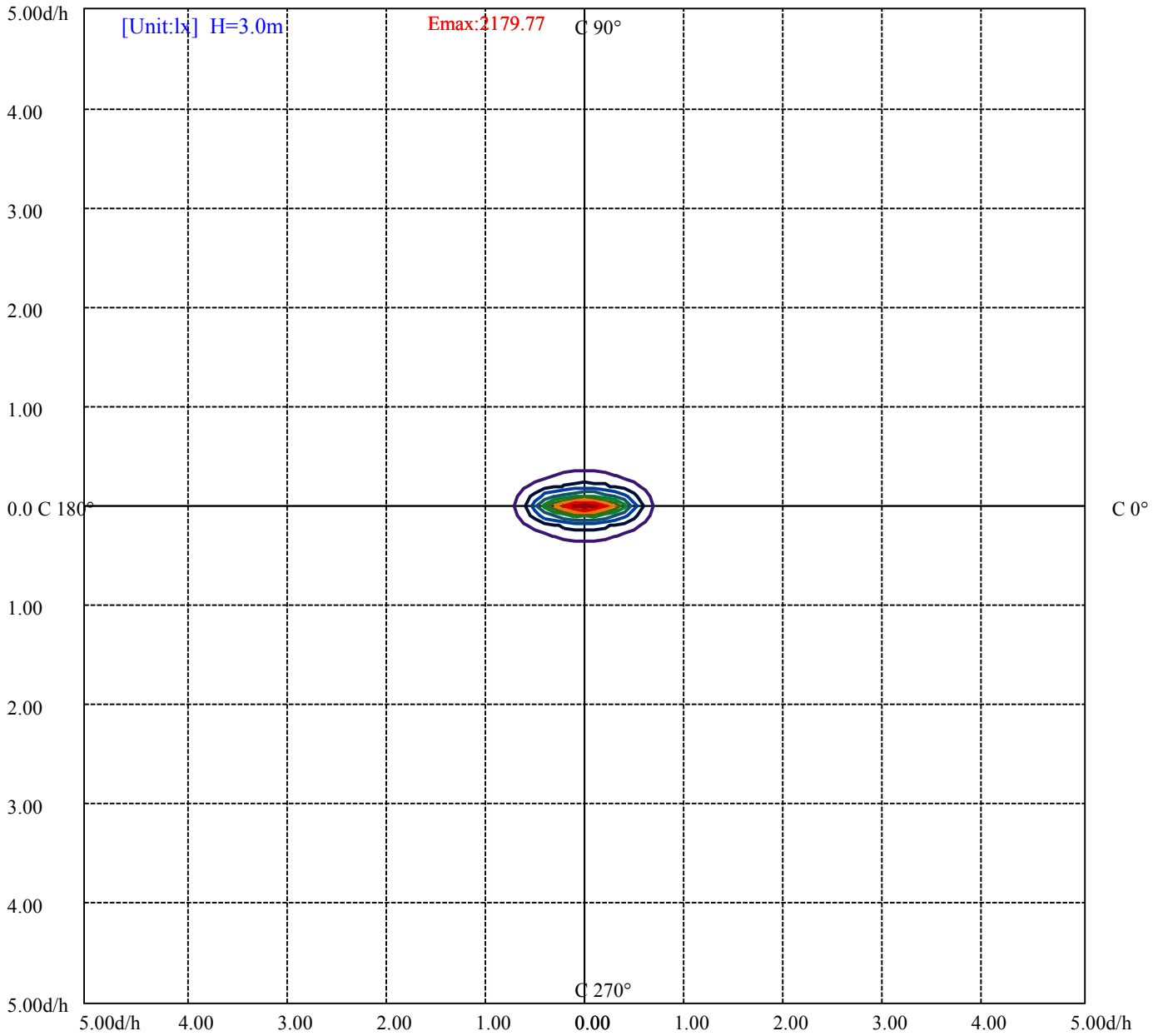


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角22.21

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平面等照度曲线



(10%Emax) 217.9767	——
(20%Emax) 435.9522	——
(30%Emax) 653.9289	——
(40%Emax) 871.9045	——
(50%Emax) 1089.881	——
(60%Emax) 1307.856	——
(70%Emax) 1525.833	——
(80%Emax) 1743.811	——
(90%Emax) 1961.789	——

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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

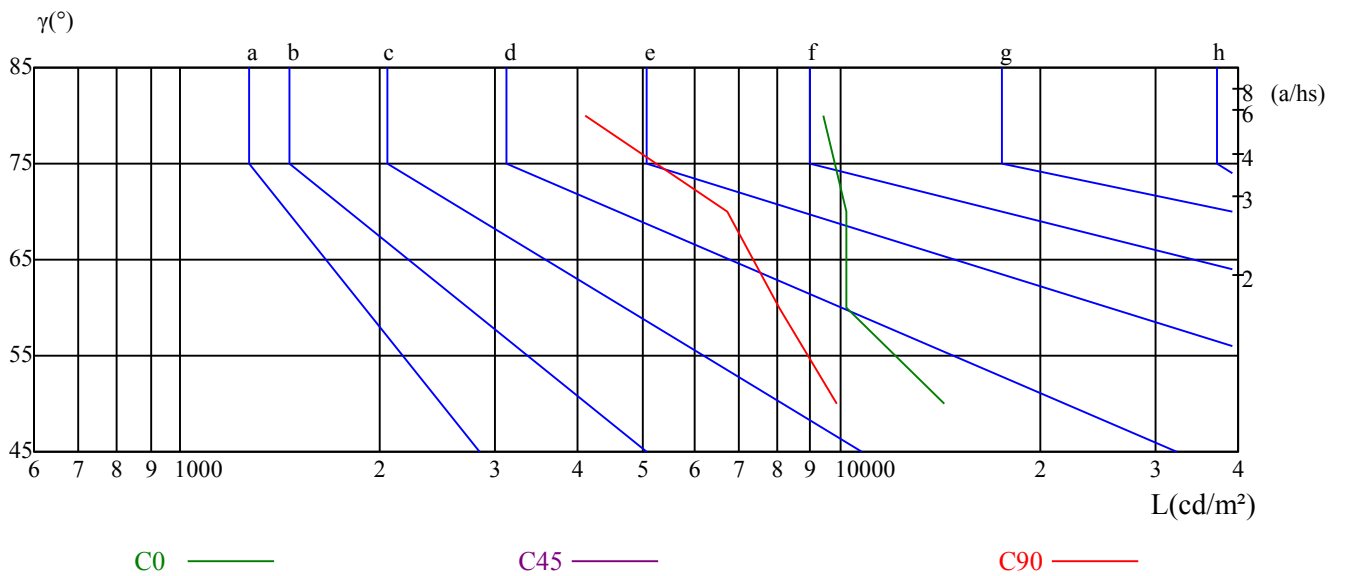
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	14334	0	10169	0	10225	0	9413	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9861	0	8095	0	6739	0	4089	0

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	8.78	9.86	9.14	10.17	10.49	9.82	10.90	10.19	11.22	11.53
	3H	10.20	11.15	10.58	11.49	11.85	11.66	12.61	12.04	12.95	13.31
	4H	10.65	11.54	11.06	11.89	12.28	12.40	13.29	12.81	13.64	14.03
	6H	10.89	11.70	11.31	12.08	12.47	12.99	13.81	13.41	14.18	14.58
	8H	10.93	11.70	11.37	12.09	12.50	13.19	13.96	13.63	14.35	14.76
	12H	10.97	11.70	11.40	12.08	12.52	13.43	14.16	13.87	14.55	14.98
4H	2H	9.36	10.24	9.76	10.60	10.98	10.20	11.08	10.60	11.44	11.82
	3H	10.96	11.69	11.38	12.10	12.51	12.21	12.94	12.63	13.35	13.76
	4H	11.53	12.18	11.97	12.60	13.05	13.07	13.72	13.50	14.14	14.59
	6H	11.80	12.36	12.27	12.81	13.28	13.67	14.23	14.14	14.68	15.15
	8H	11.86	12.38	12.34	12.83	13.30	13.93	14.45	14.40	14.90	15.37
	12H	11.90	12.35	12.39	12.84	13.32	14.18	14.63	14.67	15.12	15.60
8H	4H	11.81	12.33	12.28	12.78	13.25	13.18	13.70	13.66	14.15	14.63
	6H	12.19	12.60	12.70	13.11	13.59	13.90	14.32	14.41	14.82	15.30
	8H	12.30	12.67	12.83	13.19	13.68	14.22	14.59	14.75	15.11	15.61
	12H	12.90	13.22	13.42	13.72	14.30	14.94	15.26	15.46	15.76	16.34
12H	4H	11.83	12.28	12.32	12.77	13.24	13.16	13.61	13.65	14.10	14.57
	6H	12.60	12.61	12.77	13.08	13.63	14.25	14.26	14.43	14.73	15.28
	8H	12.39	12.71	12.91	13.21	13.78	14.25	14.57	14.77	15.07	15.65
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					3.0/-1.7					
S = 1.5H	0.9/-1.0					4.6/-1.7					
S = 2.0H	1.7/-1.3					6.1/-1.6					
标准表格	BK3					BK2					
更正系数	0.5					3.1					

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光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	19291.83	19138.36	18777.69	18301.92	17772.43	17242.94	16728.80	16199.31	15616.10
30.0	19652.50	18984.88	17265.96	14963.83	12577.29	10390.27	8663.68	7205.66	6069.94
60.0	19583.44	17626.63	13749.84	10326.58	7775.05	6224.95	5131.44	4291.93	3600.53
90.0	19568.09	17665.00	13229.56	9308.27	6944.75	5586.50	4596.58	3913.62	3226.82
120.0	19468.33	17404.09	13443.66	9904.52	7581.67	6029.27	4994.85	4219.03	3538.37
150.0	19422.29	18532.13	16721.12	14319.24	11909.68	9761.02	8126.51	6768.26	5663.23
180.0	19291.83	19215.10	18900.47	18486.09	17979.62	17480.83	16959.01	16421.85	15884.68
210.0	19652.50	19199.75	17741.73	15315.29	13224.19	10786.24	8957.58	7359.14	6083.76
240.0	19583.44	18516.78	15201.72	11280.43	8349.05	6553.39	5333.26	4489.15	3898.27
270.0	19568.09	17734.06	13251.05	9488.60	6983.12	5576.52	4601.19	3824.60	3173.87
300.0	19468.33	18616.54	15217.07	11479.94	8494.85	6561.06	5333.26	4473.80	3913.62
330.0	19422.29	19138.36	17726.39	15217.83	13127.50	10913.62	8959.11	7339.18	6099.10
360.0	19291.83	19138.36	18777.69	18301.92	17772.43	17242.94	16728.80	16199.31	15616.10
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	14979.18	14066.00	12845.87	11311.12	9576.85	7765.85	6154.36	4826.80	3890.60
30.0	5080.03	4266.61	3582.11	3032.67	2553.83	2153.26	1835.56	1553.94	1328.33
60.0	3025.76	2549.99	2117.19	1774.94	1480.96	1232.64	1045.86	888.77	765.30
90.0	2690.42	2182.22	1794.13	1461.85	1200.94	1006.80	851.02	737.45	647.67
120.0	2974.35	2480.93	2078.05	1722.76	1450.26	1206.16	1015.24	862.38	748.50
150.0	4803.77	4059.42	3427.10	2892.24	2464.81	2084.96	1779.54	1510.20	1280.75
180.0	15226.27	14362.21	13190.43	11801.48	10091.76	8379.75	6691.52	5194.37	3958.89
210.0	5118.40	4252.80	3576.74	2995.07	2503.18	2103.38	1791.82	1517.26	1293.57
240.0	3147.01	2632.87	2205.44	1831.73	1522.47	1262.33	1070.49	909.34	778.12
270.0	2628.26	2167.84	1763.43	1468.45	1206.70	1005.34	854.55	741.52	650.50
300.0	3128.59	2640.54	2187.79	1831.73	1522.47	1263.10	1062.05	910.11	780.42
330.0	5066.22	4248.96	3535.30	2962.07	2479.39	2087.26	1779.54	1508.05	1286.43
360.0	14979.18	14066.00	12845.87	11311.12	9576.85	7765.85	6154.36	4826.80	3890.60
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	2819.34	2136.37	1602.28	1239.31	952.31	731.31	574.76	465.03	388.29
30.0	1128.04	963.06	824.16	712.12	613.90	534.09	470.40	414.38	370.80
60.0	670.69	598.40	536.78	488.90	446.15	409.55	376.63	347.01	314.62
90.0	576.30	520.28	478.84	442.78	410.55	389.06	348.93	319.92	292.75
120.0	656.03	582.75	526.50	478.54	439.94	403.49	374.02	344.40	313.24
150.0	1098.12	937.73	804.21	692.17	602.39	524.89	463.50	409.01	366.58
180.0	2997.37	2287.55	1718.92	1330.02	1014.01	779.50	608.38	488.13	399.73
210.0	1102.57	939.27	810.12	693.02	601.16	524.50	465.03	409.86	366.50
240.0	685.27	606.99	545.60	491.89	451.22	414.38	387.52	356.14	328.36
270.0	581.82	528.11	483.37	448.76	416.76	387.91	357.52	328.36	301.50
300.0	682.96	608.53	541.00	493.42	451.98	415.15	388.29	358.90	330.20
330.0	1096.43	933.13	798.61	691.87	595.10	521.97	459.43	404.25	361.43
360.0	2819.34	2136.37	1602.28	1239.31	952.31	731.31	574.76	465.03	388.29
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	335.80	302.58	277.10	256.61	239.19	222.39	207.04	192.46	176.50
30.0	328.74	296.74	268.66	246.63	225.69	205.35	187.39	168.67	149.18
60.0	285.85	261.29	237.27	215.79	196.22	177.88	158.69	139.82	124.55
90.0	267.51	244.33	223.46	204.28	185.09	167.06	148.03	132.60	116.33
120.0	286.77	261.75	239.19	216.86	198.06	178.57	160.30	140.89	124.62
150.0	328.13	296.97	269.58	246.56	226.99	206.88	188.77	170.20	151.25
180.0	343.63	309.48	283.32	262.06	243.72	227.76	212.49	198.90	182.64
210.0	326.98	295.59	268.81	246.63	227.14	208.04	190.23	171.28	152.17
240.0	298.89	272.19	247.25	224.92	205.58	185.70	167.90	148.87	130.53
270.0	275.64	250.70	229.37	209.26	189.00	171.12	152.71	135.90	120.25
300.0	301.20	274.41	249.17	227.53	206.58	187.24	167.90	147.95	129.23
330.0	324.06	291.07	264.74	243.80	223.15	203.66	185.86	166.98	148.18
360.0	335.80	302.58	277.10	256.61	239.19	222.39	207.04	192.46	176.50

# ROLED 投光灯

## 光强数据表(cd)

附页 第 8页 共8页

C/ $\gamma$ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	158.46	138.28	119.25	101.91	82.49	62.54	43.51	22.87	4.37
30.0	129.30	111.04	93.08	76.35	62.08	42.13	25.94	10.90	3.68
60.0	109.81	92.47	74.13	57.09	43.43	26.86	14.04	8.13	4.45
90.0	98.22	80.50	63.77	51.57	35.84	23.71	15.35	7.83	5.06
120.0	110.35	93.01	74.36	56.71	44.20	27.32	14.50	8.36	4.76
150.0	131.84	112.73	95.54	78.35	64.15	44.51	27.09	12.43	4.07
180.0	165.14	144.80	125.08	107.20	87.02	68.60	48.96	29.31	9.36
210.0	132.30	112.11	94.54	77.35	62.46	43.05	26.32	10.44	3.45
240.0	115.64	100.99	82.42	64.08	49.88	30.85	15.96	10.36	5.06
270.0	102.29	84.41	66.61	53.41	37.60	25.25	15.81	8.75	5.37
300.0	114.65	98.91	80.11	62.69	48.04	30.54	15.73	10.05	5.06
330.0	128.69	109.89	91.78	74.74	60.01	40.44	24.56	9.29	3.07
360.0	158.46	138.28	119.25	101.91	82.49	62.54	43.51	22.87	4.37
C/ $\gamma$ (°)	90.0								
0.0	0.38								
30.0	0.46								
60.0	0.31								
90.0	0.31								
120.0	0.31								
150.0	0.61								
180.0	0.69								
210.0	0.61								
240.0	0.84								
270.0	0.69								
300.0	0.69								
330.0	0.46								
360.0	0.38								