

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F3483S6-48-24DC (20-OL-48WN-AA, L1000.C.CT)

报告编号:

电压(V): 23.9000

测试编号: 20210402005

电流(A): 1.9200

光源规格型号: OD

功率(W): 46.0000

每个光源光通量(lm)

功率因数: 1.0230

光源数量: 48

镇流器型号:

发光面长度(mm): 987

发光面宽度(mm): 72

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): 4579.61

灯具效能(lm/w): 99.56

中心光强(cd): 21225.620

最大光强(cd): 21540.250

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=21.3

[C90/270]Total=20.6

光束扩散角(10%Imax): [C0/180]Total=42.6

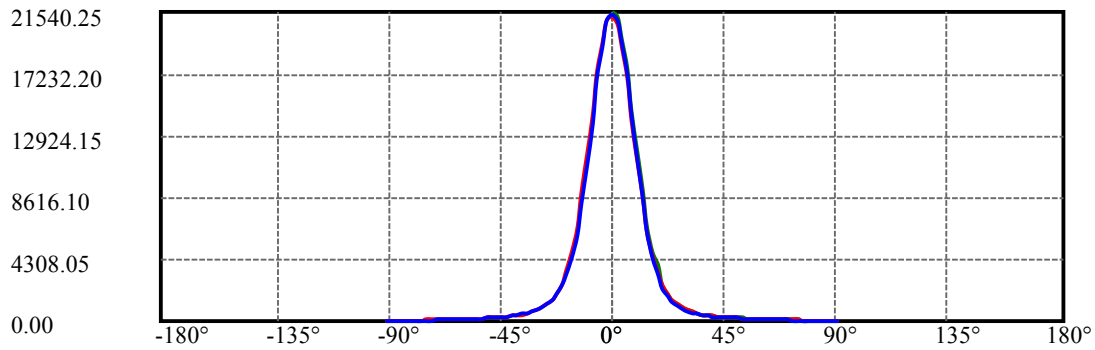
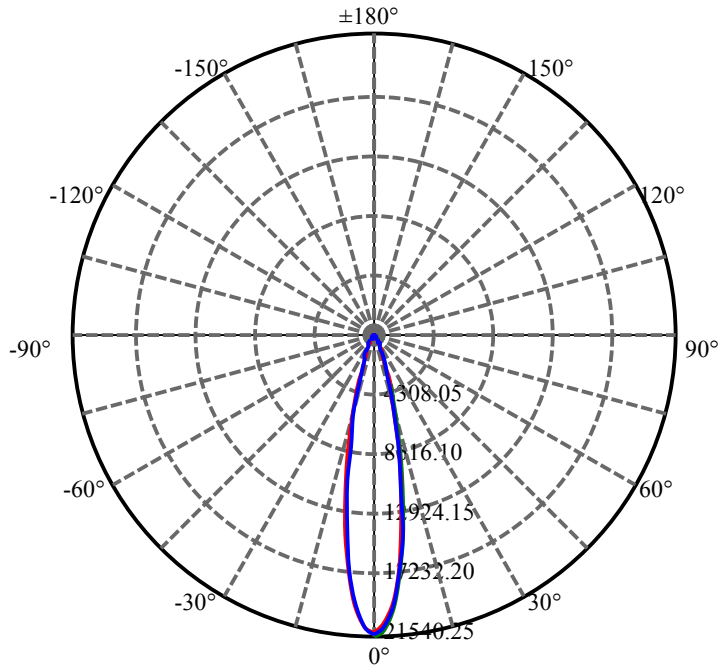
[C90/270]Total=41.8

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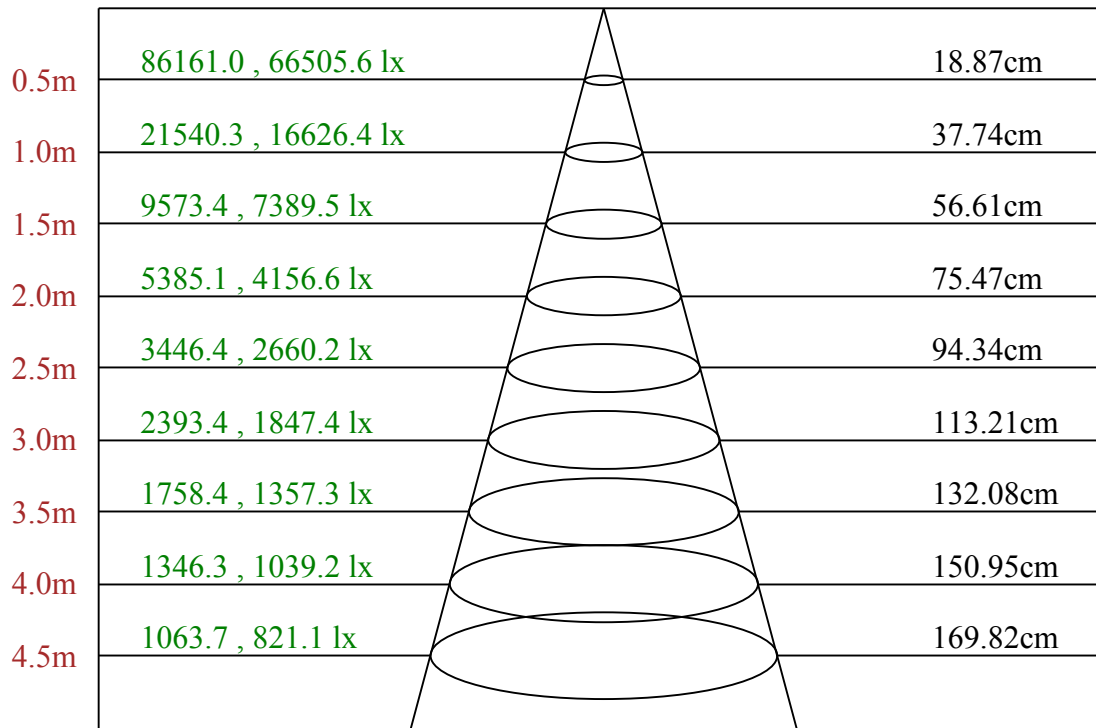
测试设备: GMS1800  
环境温度(°C): 25.0

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

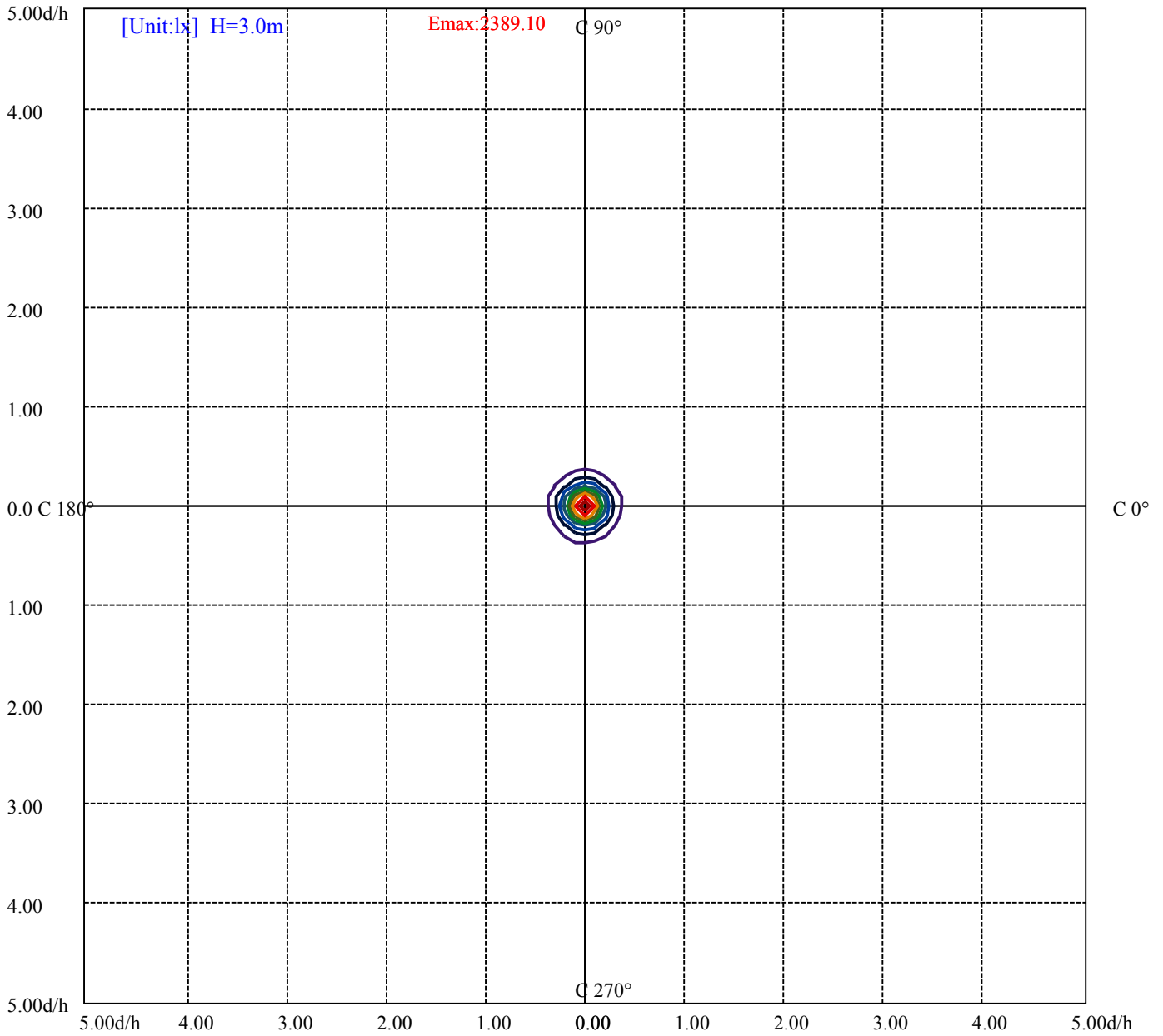


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角21.37

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 238.9089
- (20%Emax) 477.8189
- (30%Emax) 716.7278
- (40%Emax) 955.6367
- (50%Emax) 1194.544
- (60%Emax) 1433.456
- (70%Emax) 1672.367
- (80%Emax) 1911.278
- (90%Emax) 2150.178

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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

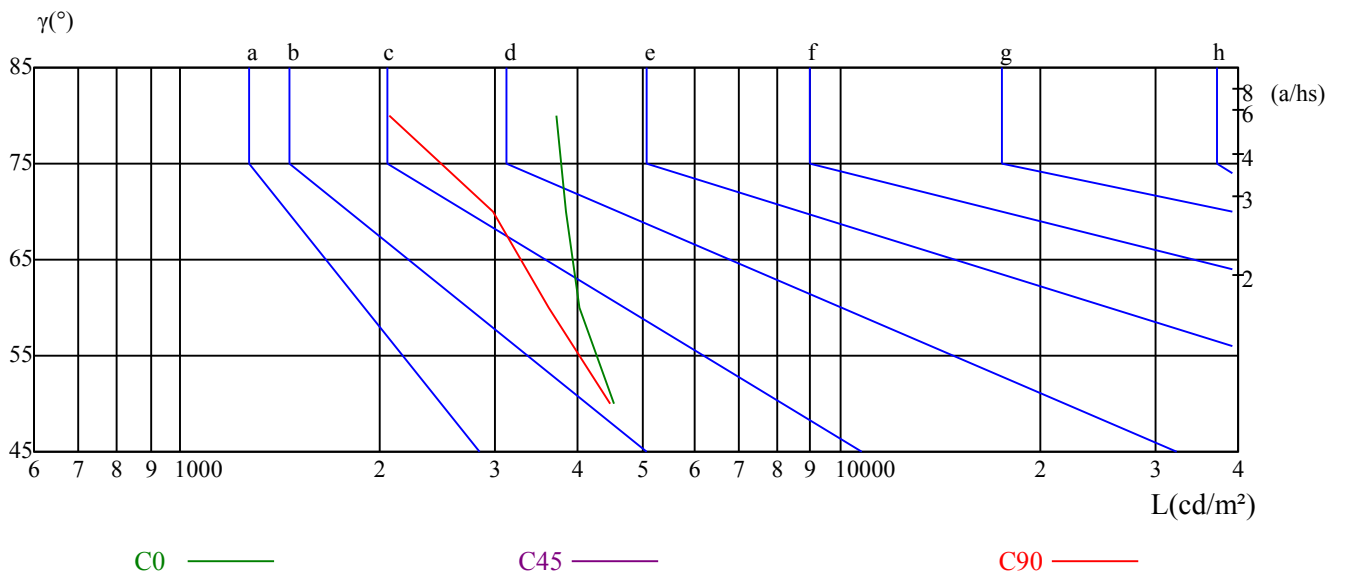
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	4536	0	4013	0	3830	0	3706	0
C45	0	0	0	0	0	0	0	0	0
C90	0	4482	0	3607	0	2977	0	2071	0

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	7.00	8.05	7.36	8.36	8.68	7.36	8.42	7.73	8.73	9.05
	3H	8.30	9.23	8.68	9.57	9.93	9.15	10.08	9.53	10.42	10.78
	4H	8.80	9.66	9.20	10.02	10.40	9.85	10.72	10.25	11.07	11.46
	6H	9.03	9.83	9.45	10.20	10.60	10.39	11.18	10.81	11.56	11.96
	8H	9.07	9.82	9.50	10.21	10.62	10.57	11.32	11.01	11.72	12.12
	12H	9.11	9.83	9.55	10.21	10.64	10.80	11.52	11.24	11.90	12.33
4H	2H	7.55	8.41	7.95	8.77	9.16	7.84	8.71	8.24	9.06	9.45
	3H	9.03	9.74	9.44	10.15	10.55	9.89	10.60	10.30	11.01	11.41
	4H	9.61	10.25	10.05	10.67	11.12	10.70	11.33	11.13	11.76	12.20
	6H	9.88	10.42	10.35	10.87	11.35	11.23	11.78	11.70	12.23	12.70
	8H	9.93	10.44	10.41	10.89	11.37	11.45	11.96	11.93	12.41	12.89
	12H	9.98	10.42	10.47	10.91	11.39	11.69	12.13	12.18	12.61	13.09
8H	4H	9.88	10.38	10.35	10.83	11.31	10.83	11.34	11.31	11.79	12.27
	6H	10.23	10.64	10.74	11.14	11.62	11.47	11.88	11.98	12.38	12.86
	8H	10.33	10.69	10.86	11.21	11.71	11.76	12.12	12.29	12.64	13.13
	12H	10.94	11.25	11.46	11.75	12.32	12.49	12.80	13.01	13.30	13.88
12H	4H	9.88	10.32	10.37	10.81	11.28	10.80	11.24	11.29	11.73	12.21
	6H	10.60	10.62	10.80	11.09	11.64	11.79	11.82	12.00	12.29	12.84
	8H	10.40	10.71	10.92	11.21	11.79	11.78	12.09	12.30	12.59	13.17
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.3/-0.6					
S = 1.5H	0.9/-1.0					0.8/-0.8					
S = 2.0H	2.0/-1.2					1.4/-0.9					
标准表格	BK3					BK3					
更正系数	-2.6					-1.7					

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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	21225.62	20611.72	19138.36	16836.23	14089.02	11295.77	8594.61	6346.20	4558.21
30.0	21540.24	21118.19	19690.87	17480.83	14748.97	11902.00	9047.36	6653.15	4849.82
60.0	21463.51	20795.89	19176.73	16859.25	14074.44	11017.22	8395.09	6074.55	4311.89
90.0	21409.79	20895.65	19399.27	17127.83	14449.69	11380.19	8540.89	6300.16	4458.45
120.0	21340.73	20742.17	19184.40	16905.29	13986.96	11099.33	8356.72	6142.08	4359.46
150.0	21271.66	20887.97	19506.70	17442.46	14725.95	11733.18	9055.04	6668.50	4857.49
180.0	21225.62	20811.24	19376.24	17273.63	14475.01	11666.42	8945.30	6610.18	4786.89
210.0	21540.24	20949.36	19284.16	16966.68	13990.80	10947.39	8392.79	6152.05	4464.59
240.0	21463.51	21049.12	19591.11	17196.90	14480.39	11272.75	8679.02	6430.61	4742.38
270.0	21409.79	20857.28	19161.38	16828.56	13842.70	10773.96	8095.82	6004.72	4363.30
300.0	21340.73	20887.97	19330.20	17074.12	14273.19	11249.73	8548.57	6415.26	4642.62
330.0	21271.66	20581.02	18984.88	16606.02	13865.72	10885.23	8243.92	6028.51	4436.20
360.0	21225.62	20611.72	19138.36	16836.23	14089.02	11295.77	8594.61	6346.20	4558.21
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	3369.55	2487.83	1887.74	1454.18	1147.99	927.76	758.17	629.25	527.19
30.0	3905.94	2580.69	1890.05	1464.92	1149.53	932.36	759.70	628.48	532.56
60.0	3095.59	2283.71	1702.04	1334.24	1048.70	842.20	697.85	580.98	491.66
90.0	3220.68	2331.29	1725.83	1334.47	1035.19	840.28	686.03	575.53	487.28
120.0	3124.76	2303.66	1711.25	1321.27	1034.73	838.59	686.57	575.84	482.83
150.0	3905.94	2536.95	1881.61	1453.41	1138.02	907.04	745.89	616.97	517.98
180.0	3486.96	2592.96	1937.62	1516.26	1186.75	946.64	779.27	643.06	538.16
210.0	3336.55	2484.76	1888.51	1500.76	1189.66	959.60	795.31	658.79	554.35
240.0	3890.60	2654.35	2012.06	1563.91	1244.68	1011.40	827.23	688.34	581.67
270.0	3240.63	2475.55	1896.95	1518.64	1199.26	982.24	807.74	676.29	569.55
300.0	3649.64	2606.01	1977.53	1541.66	1241.61	998.36	818.79	686.80	575.53
330.0	3261.35	2427.21	1873.16	1473.36	1184.37	954.69	784.26	649.97	552.28
360.0	3369.55	2487.83	1887.74	1454.18	1147.99	927.76	758.17	629.25	527.19
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	452.75	391.36	345.24	305.26	272.88	245.79	225.38	207.19	191.31
30.0	455.82	392.90	346.78	309.87	278.40	253.92	232.82	215.33	201.13
60.0	424.21	373.17	329.66	296.67	268.20	244.03	224.46	206.50	192.38
90.0	422.06	378.39	327.82	293.29	264.36	241.65	221.39	204.74	188.93
120.0	419.37	366.27	325.75	291.45	263.52	240.80	220.62	203.66	189.00
150.0	442.01	387.52	339.64	303.50	272.50	247.56	228.06	210.95	196.37
180.0	461.73	397.88	346.62	306.03	274.34	247.25	225.30	207.81	192.07
210.0	477.92	412.16	360.28	319.69	287.15	259.68	237.96	220.01	204.28
240.0	496.49	429.73	387.52	334.19	298.51	269.50	244.87	224.30	206.04
270.0	488.05	424.67	371.03	327.90	291.22	263.36	238.88	217.78	199.75
300.0	492.66	426.66	387.52	331.66	297.74	267.20	242.64	223.31	204.05
330.0	473.24	408.32	359.52	318.54	284.47	257.38	236.51	217.70	202.43
360.0	452.75	391.36	345.24	305.26	272.88	245.79	225.38	207.19	191.31
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	178.49	166.06	153.86	142.58	132.22	121.48	112.27	102.83	93.08
30.0	187.78	175.73	164.30	153.94	143.19	133.06	122.17	111.19	100.37
60.0	179.11	166.75	154.47	140.81	126.62	112.11	100.07	88.79	77.66
90.0	173.35	158.31	142.96	128.15	115.57	105.21	94.46	84.03	72.36
120.0	176.50	164.14	151.86	138.28	124.31	110.35	97.84	87.48	75.97
150.0	183.71	172.66	161.92	151.63	140.89	130.30	119.56	108.81	98.61
180.0	178.41	166.60	155.01	143.73	132.76	122.55	112.80	103.29	94.31
210.0	191.31	178.49	166.75	155.39	144.19	133.06	122.01	111.19	99.99
240.0	190.62	177.26	162.68	148.33	132.07	115.18	101.75	90.78	78.81
270.0	181.25	162.91	143.50	128.08	114.49	103.75	92.78	80.96	70.60
300.0	189.39	174.73	160.23	144.96	128.77	113.11	99.99	88.56	76.58
330.0	188.70	175.65	163.76	153.01	141.50	130.22	119.71	108.28	97.30
360.0	178.49	166.06	153.86	142.58	132.22	121.48	112.27	102.83	93.08

# 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	83.80	74.82	65.00	55.17	45.74	35.38	25.17	13.74	3.61
30.0	88.48	76.20	60.78	48.50	36.14	27.40	18.34	5.91	2.92
60.0	65.30	54.56	47.58	39.67	29.39	15.27	10.97	6.52	4.83
90.0	63.39	57.09	49.65	39.60	25.55	16.58	12.66	7.75	5.76
120.0	64.31	53.64	46.81	38.98	29.93	15.19	11.13	6.60	4.91
150.0	87.02	74.90	60.24	47.58	36.14	27.01	18.26	6.14	2.99
180.0	84.80	75.51	65.99	56.79	46.96	37.60	27.63	16.42	5.99
210.0	88.02	73.13	57.78	45.51	33.30	24.79	13.12	4.91	2.53
240.0	66.45	55.71	48.50	39.75	24.63	13.20	9.52	5.76	3.38
270.0	62.62	55.63	45.66	31.31	18.11	14.12	8.98	6.75	2.99
300.0	65.07	54.48	47.42	38.45	23.94	13.05	9.29	5.76	3.15
330.0	86.10	71.52	55.63	43.51	32.61	23.64	11.13	4.53	2.38
360.0	83.80	74.82	65.00	55.17	45.74	35.38	25.17	13.74	3.61
C/γ(°)	90.0								
0.0	0.31								
30.0	0.92								
60.0	0.84								
90.0	1.23								
120.0	1.00								
150.0	1.00								
180.0	0.38								
210.0	0.23								
240.0	0.23								
270.0	0.15								
300.0	0.31								
330.0	0.31								
360.0	0.31								