

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 (20-OL-60WN-AA, L520mm, C, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210331002

电流(A): 0.3220

光源规格型号: OL

功率(W): 69.6000

每个光源光通量(lm)

功率因数: 0.9800

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): 6402.93

灯具效能(lm/w): 92.00

中心光强(cd): 27848.080

最大光强(cd): 28722.880

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=20.7

[C90/270]Total=21.0

光束扩散角(10%Imax): [C0/180]Total=43.1

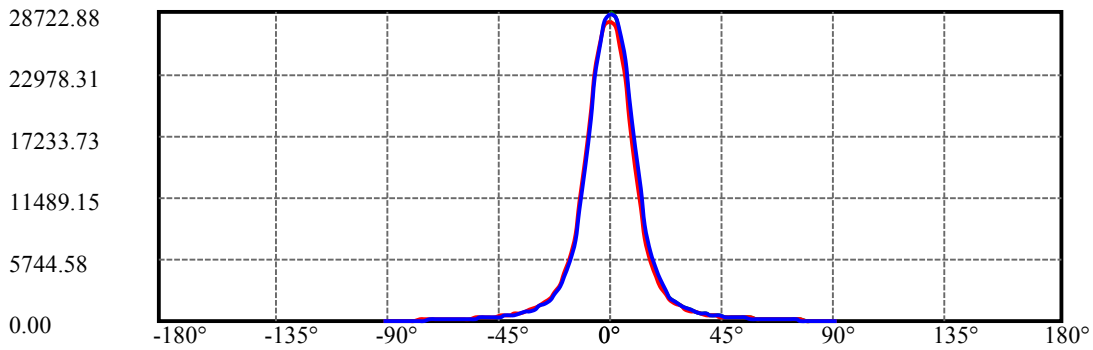
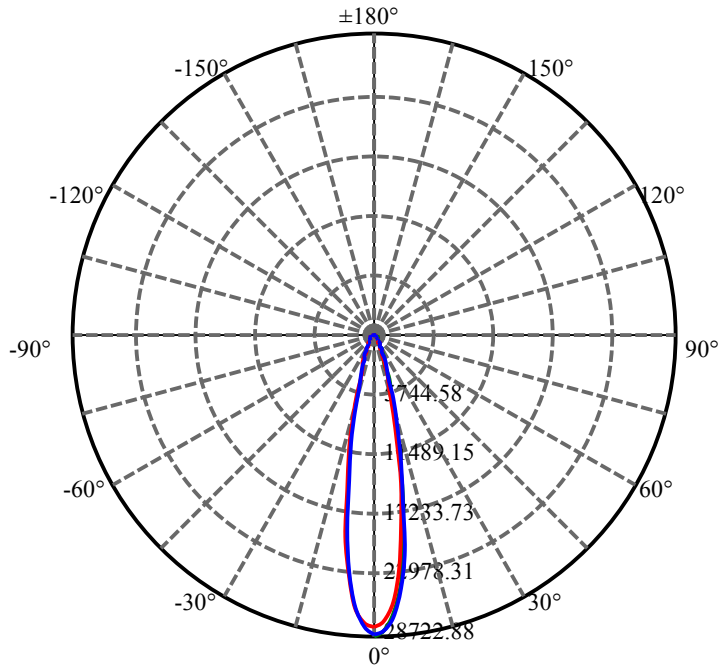
[C90/270]Total=43.0

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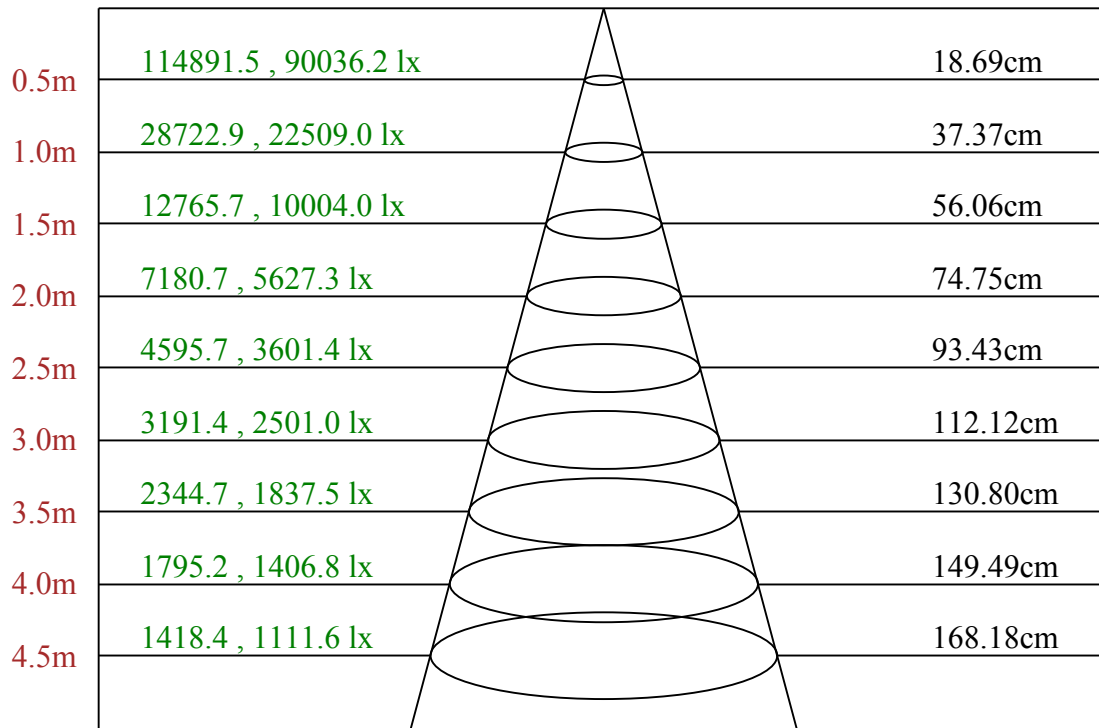
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/31  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

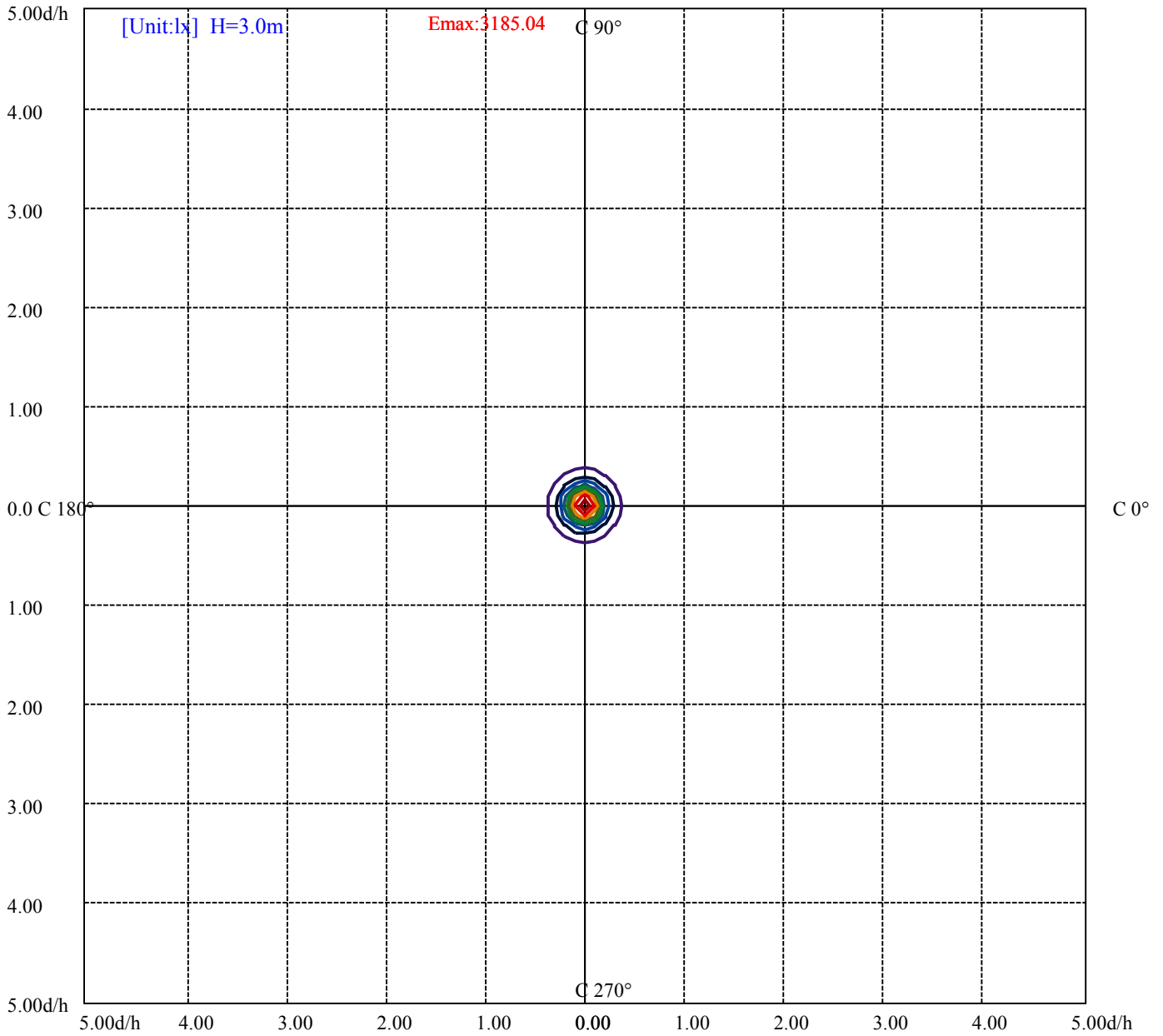


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角21.17

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 318.5033
- (20%Emax) 637.0056
- (30%Emax) 955.5089
- (40%Emax) 1274.011
- (50%Emax) 1592.511
- (60%Emax) 1911.022
- (70%Emax) 2229.522
- (80%Emax) 2548.022
- (90%Emax) 2866.522

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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

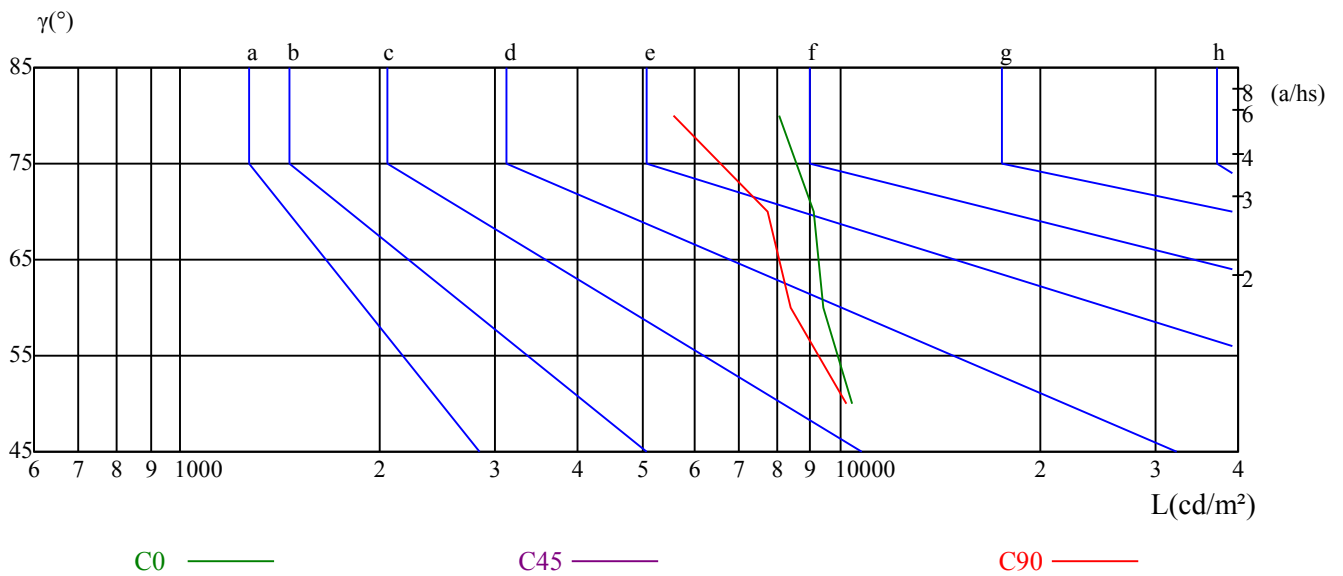
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	10415	0	9436	0	9082	0	8091	0
C45	0	0	0	0	0	0	0	0	0
C90	0	10204	0	8399	0	7731	0	5586	0

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	8.75	9.83	9.11	10.14	10.46	9.45	10.53	9.82	10.85	11.16
	3H	10.38	11.34	10.76	11.67	12.04	11.23	12.19	11.61	12.52	12.89
	4H	10.94	11.83	11.35	12.19	12.57	11.91	12.80	12.31	13.15	13.54
	6H	11.27	12.08	11.68	12.46	12.85	12.40	13.21	12.81	13.59	13.98
	8H	11.33	12.10	11.76	12.49	12.90	12.54	13.31	12.98	13.70	14.11
	12H	11.38	12.12	11.82	12.50	12.93	12.71	13.44	13.14	13.83	14.26
4H	2H	9.36	10.25	9.77	10.61	10.99	9.92	10.81	10.33	11.16	11.55
	3H	11.18	11.91	11.59	12.32	12.72	11.91	12.64	12.32	13.05	13.45
	4H	11.85	12.50	12.29	12.93	13.37	12.69	13.35	13.13	13.77	14.22
	6H	12.20	12.76	12.67	13.21	13.68	13.20	13.76	13.67	14.21	14.68
	8H	12.29	12.81	12.76	13.26	13.73	13.39	13.91	13.86	14.36	14.84
	12H	12.34	12.79	12.83	13.28	13.76	13.56	14.02	14.05	14.51	14.98
8H	4H	12.12	12.64	12.59	13.09	13.57	12.87	13.39	13.34	13.84	14.31
	6H	12.58	13.00	13.09	13.50	13.99	13.50	13.92	14.01	14.42	14.90
	8H	12.72	13.10	13.25	13.62	14.11	13.76	14.13	14.29	14.65	15.14
	12H	13.31	13.63	13.83	14.12	14.70	14.45	14.77	14.97	15.26	15.84
12H	4H	12.13	12.58	12.62	13.07	13.55	12.85	13.30	13.34	13.79	14.27
	6H	12.98	13.00	13.16	13.47	14.02	13.87	13.88	14.04	14.35	14.90
	8H	12.81	13.13	13.33	13.62	14.20	13.80	14.12	14.32	14.62	15.20
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.3/-0.6					
S = 1.5H	0.9/-0.9					0.9/-0.8					
S = 2.0H	2.0/-1.1					1.4/-0.8					
标准表格	BK3					BK3					
更正系数	1.0					1.6					

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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	27848.08	27211.15	25423.17	22392.03	18685.61	14357.60	10597.46	7643.06	5532.78
30.0	28722.88	28132.00	26505.17	23650.53	19982.47	15570.06	11549.01	8295.33	6039.25
60.0	28607.78	27993.88	26344.02	23489.38	19437.63	15174.09	11179.90	8110.40	5841.27
90.0	28538.71	28216.42	26881.18	24318.15	20627.07	16245.35	12324.06	8886.21	6361.55
120.0	28492.67	28147.35	26643.29	24110.95	20197.34	15309.15	11845.98	8481.04	6230.33
150.0	28408.26	28239.44	27011.64	24494.64	20811.24	16659.73	12523.58	9239.21	6630.13
180.0	27848.08	27502.76	25960.33	23159.41	19391.59	14987.62	11074.77	8074.33	5874.26
210.0	28722.88	28239.44	26382.39	23504.73	19476.00	14955.39	11219.80	8091.21	5925.68
240.0	28607.78	28178.05	26428.43	23458.68	19414.61	14887.09	10981.15	7942.34	5786.02
270.0	28538.71	27863.42	25822.20	22591.55	18662.58	14206.43	10430.17	7500.33	5508.99
300.0	28492.67	27825.05	26014.05	22775.72	18685.61	14442.02	10467.01	7581.67	5540.45
330.0	28408.26	27548.80	25400.15	22322.97	18225.18	14041.45	10308.93	7418.22	5358.59
360.0	27848.08	27211.15	25423.17	22392.03	18685.61	14357.60	10597.46	7643.06	5532.78
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	4120.81	3229.12	2525.43	2006.69	1651.39	1356.72	1124.21	949.24	816.49
30.0	4466.13	3394.10	2672.77	2121.79	1729.67	1415.81	1173.32	984.54	843.35
60.0	4360.23	3325.04	2627.50	2091.87	1691.30	1408.13	1169.10	979.40	833.06
90.0	4742.38	3890.60	2818.57	2229.23	1791.82	1462.62	1220.90	1020.61	862.53
120.0	4589.68	3555.25	2774.83	2227.69	1792.59	1488.94	1233.17	1030.05	872.20
150.0	4888.19	3913.62	2920.63	2311.34	1857.05	1529.38	1263.87	1055.91	892.46
180.0	4430.06	3406.38	2698.86	2153.26	1759.59	1451.65	1204.86	1003.88	853.78
210.0	4437.74	3415.59	2665.86	2154.02	1748.08	1438.68	1207.39	1014.78	866.75
240.0	4343.35	3417.89	2681.21	2157.86	1758.83	1441.13	1193.27	1011.40	857.93
270.0	4153.04	3209.93	2541.55	2036.62	1674.41	1367.85	1149.84	966.43	825.85
300.0	4228.24	3296.65	2622.12	2086.50	1702.81	1396.62	1166.41	982.24	831.84
330.0	4087.81	3155.45	2470.95	2002.85	1524.62	1356.64	1131.50	953.54	811.42
360.0	4120.81	3229.12	2525.43	2006.69	1651.39	1356.72	1124.21	949.24	816.49
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	705.22	622.34	547.91	488.05	438.17	395.97	365.88	337.88	314.09
30.0	727.47	635.39	562.49	500.33	448.15	406.71	375.40	346.09	321.76
60.0	723.56	629.94	558.04	495.72	444.16	402.18	369.34	338.57	310.25
90.0	745.89	647.67	567.09	501.10	449.68	403.64	367.11	331.05	298.82
120.0	749.27	654.57	573.69	511.00	456.28	411.62	375.17	344.78	314.85
150.0	771.98	669.15	590.88	521.82	465.03	422.06	387.52	354.45	327.36
180.0	732.23	635.39	561.87	499.72	449.61	404.64	371.79	340.95	313.17
210.0	744.20	653.34	572.39	511.15	457.20	412.31	376.86	348.16	321.45
240.0	737.45	646.90	565.56	501.10	447.38	404.41	369.11	337.80	305.88
270.0	712.97	620.50	546.29	484.21	430.27	382.54	343.94	307.95	279.56
300.0	720.57	628.48	550.21	486.52	438.17	395.97	362.89	331.05	300.04
330.0	707.75	618.51	543.30	486.59	437.33	396.27	363.35	336.49	311.32
360.0	705.22	622.34	547.91	488.05	438.17	395.97	365.88	337.88	314.09
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	292.22	272.96	254.39	238.12	222.23	206.19	189.70	173.50	156.77
30.0	299.20	278.71	260.68	241.88	225.69	208.50	191.69	173.58	153.78
60.0	284.85	260.06	238.50	217.24	200.05	182.64	166.44	149.79	133.60
90.0	272.80	250.01	230.29	211.95	195.37	178.49	162.76	147.26	133.45
120.0	287.46	263.06	239.57	219.62	201.67	185.01	167.98	152.32	135.90
150.0	303.04	280.78	262.37	245.25	225.84	208.19	188.31	169.59	150.18
180.0	287.61	267.05	250.70	234.28	216.32	197.83	182.87	166.21	149.48
210.0	298.51	278.63	259.14	242.34	224.92	206.73	188.70	168.82	147.80
240.0	277.18	252.08	231.13	212.33	195.22	178.72	162.07	146.03	130.61
270.0	256.23	235.97	217.24	199.98	184.17	167.52	152.86	138.90	124.01
300.0	272.34	249.55	227.91	209.80	193.69	176.34	160.69	143.42	129.30
330.0	291.07	271.27	252.77	235.74	218.24	201.13	182.79	163.83	141.81
360.0	292.22	272.96	254.39	238.12	222.23	206.19	189.70	173.50	156.77

# 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	139.13	123.47	105.97	88.86	70.91	52.72	35.53	18.57	3.76
30.0	133.06	113.19	94.69	77.20	62.77	43.74	26.63	11.43	3.99
60.0	120.09	104.52	83.80	65.53	51.87	31.39	15.81	10.44	5.14
90.0	118.10	98.07	81.27	65.15	48.96	32.69	17.96	11.66	6.22
120.0	121.94	107.36	85.79	68.53	53.64	34.76	17.88	11.66	5.60
150.0	128.23	110.73	93.54	76.58	62.77	47.27	28.09	13.28	4.91
180.0	132.53	116.18	98.38	79.96	62.62	44.51	33.15	19.88	6.14
210.0	127.00	109.20	91.01	75.28	59.70	39.52	25.40	8.90	3.22
240.0	117.95	101.22	79.58	62.92	49.04	29.62	15.27	8.98	5.06
270.0	105.36	87.25	70.45	56.79	37.91	21.72	15.58	7.75	4.22
300.0	115.80	97.84	78.04	60.62	46.96	28.62	14.81	8.21	4.37
330.0	123.16	103.98	86.71	71.21	55.63	35.38	21.03	6.98	2.84
360.0	139.13	123.47	105.97	88.86	70.91	52.72	35.53	18.57	3.76

C/γ(°)	90.0
0.0	0.69
30.0	0.69
60.0	0.84
90.0	1.38
120.0	1.53
150.0	1.38
180.0	1.15
210.0	0.46
240.0	0.31
270.0	0.31
300.0	0.31
330.0	0.38
360.0	0.69