

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: F3265S-48-24DC-PC-A3 (30-ES-48RGBWN-AJ, L1000mm, C, CT)

报告编号:

电压(V): 23.9000

测试编号: 20210325007

电流(A): 0.7130

光源规格型号: ES

功率(W): 17.1000

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): 990

发光面宽度(mm): 30

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): 598.21

灯具效能(lm/w): 34.98

中心光强(cd): 1006.721

最大光强(cd): 1024.370

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=34.1

[C90/270]Total=34.4

光束扩散角(10%Imax): [C0/180]Total=80.0

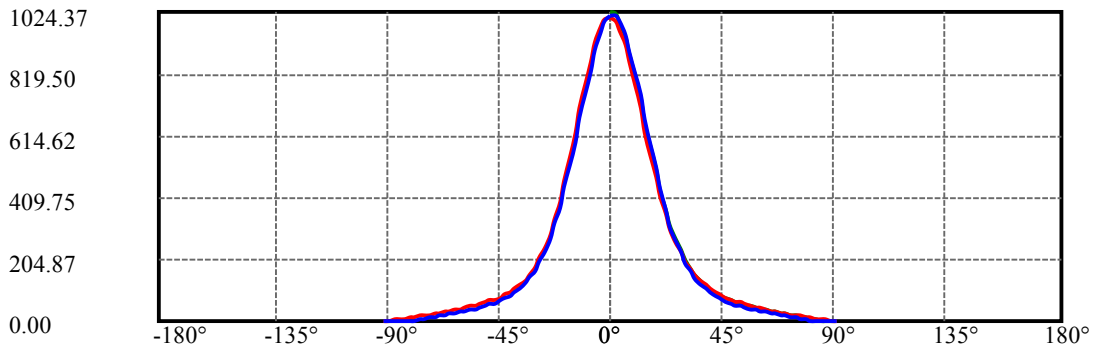
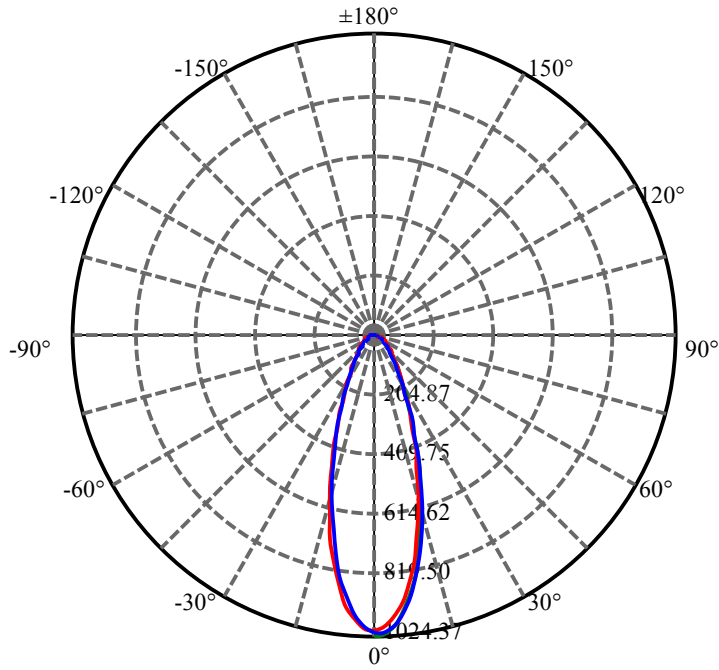
[C90/270]Total=75.9

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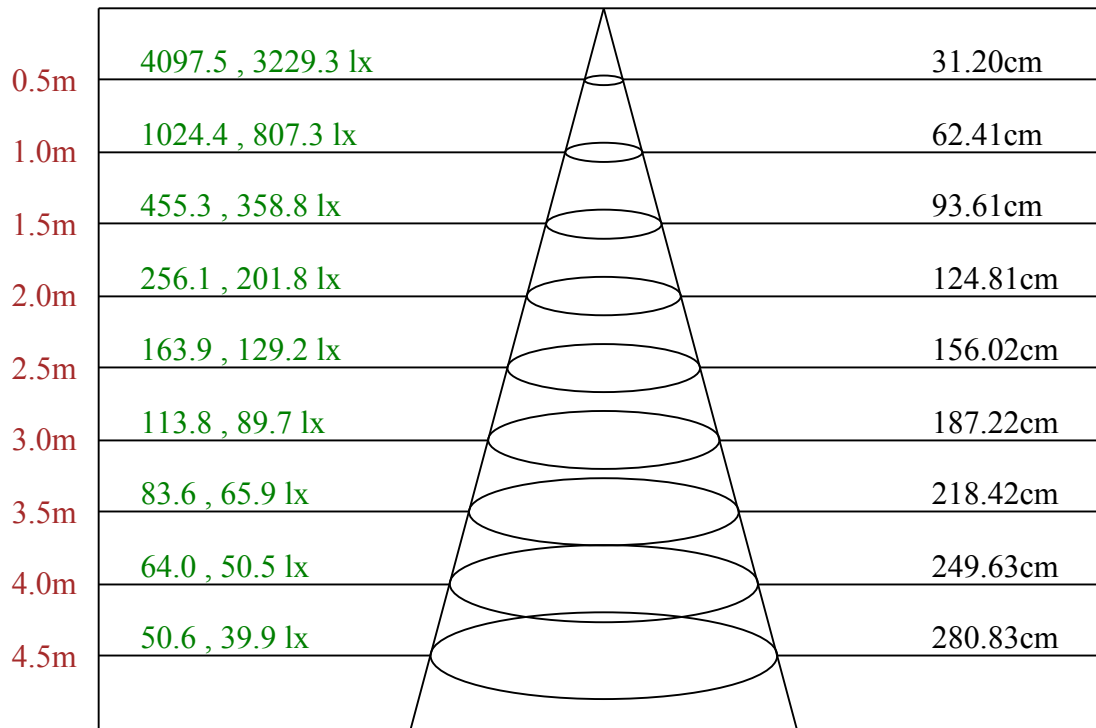
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/25  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

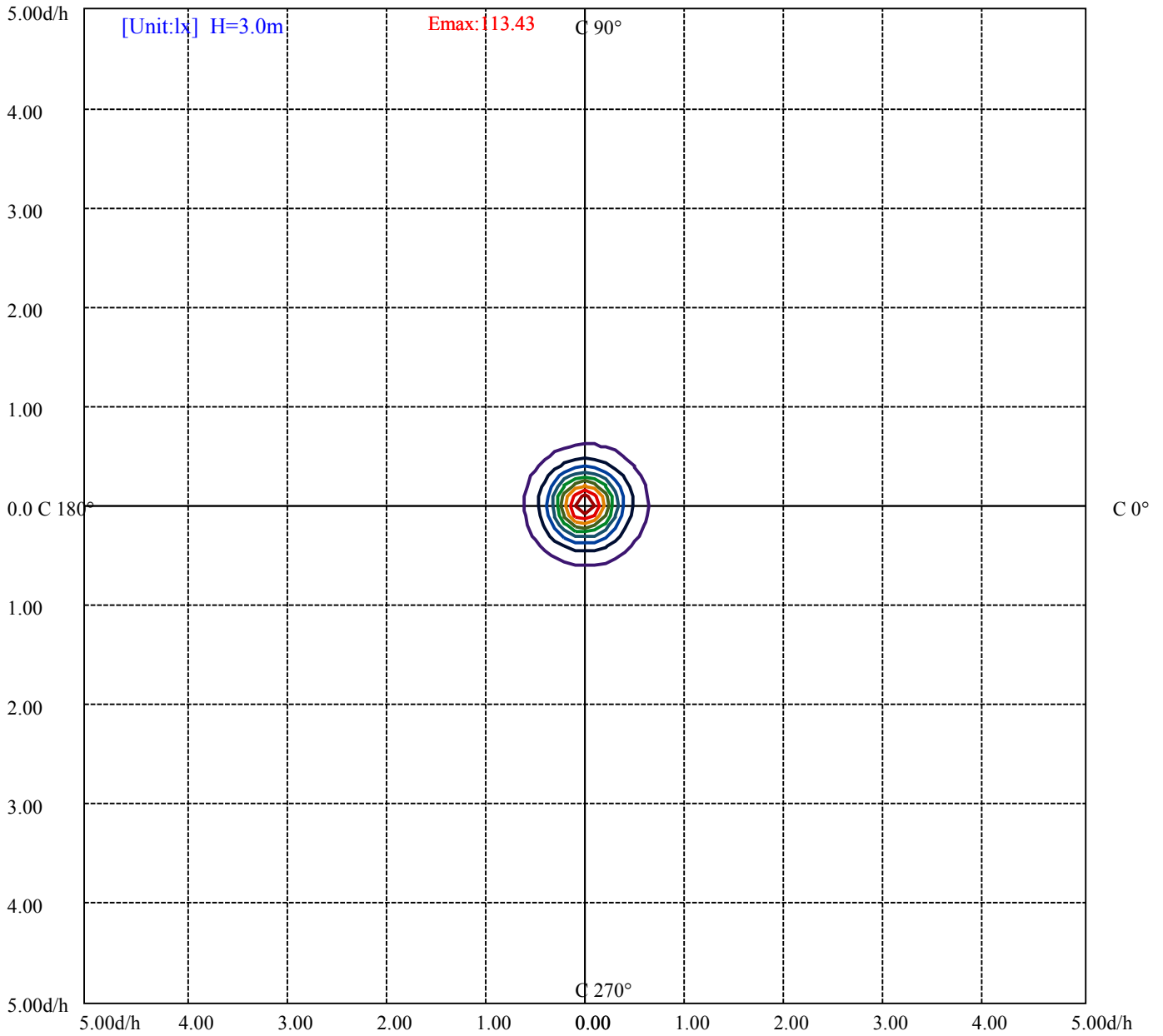


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角34.66

ROLED 投光灯  
平面等照度曲线



(10%Emax) 11.34311	——
(20%Emax) 22.68611	——
(30%Emax) 34.02922	——
(40%Emax) 45.37233	——
(50%Emax) 56.71544	——
(60%Emax) 68.05844	——
(70%Emax) 79.40156	——
(80%Emax) 90.74467	——
(90%Emax) 102.0878	——

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

附页 第 5页 共8页

亮度值表

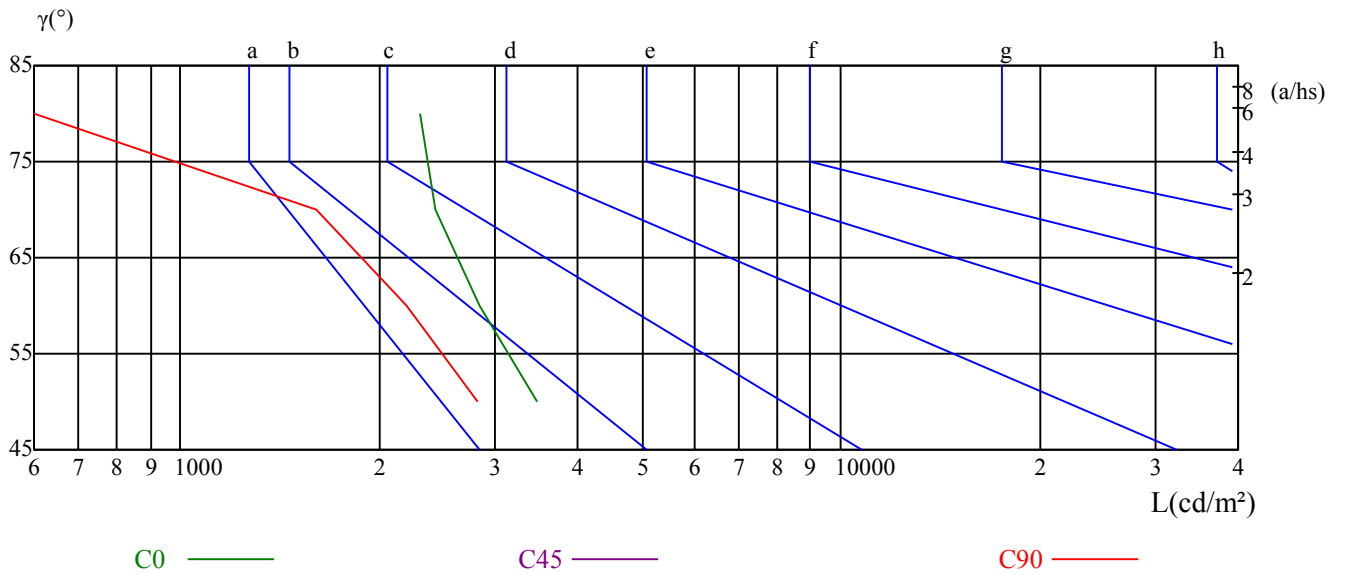
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	3481	0	2847	0	2440	0	2306	0
C45	0	0	0	0	0	0	0	0	0
C90	0	2826	0	2196	0	1609	0	461	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
1700	1321	0	1273	888	0	756	430	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



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/25  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

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	14.21	15.44	14.57	15.75	16.06	15.24	16.47	15.61	16.78	17.10
	3H	15.34	16.43	15.72	16.76	17.12	16.89	17.98	17.27	18.31	18.67
	4H	15.54	16.55	15.94	16.91	17.29	17.55	18.57	17.95	18.92	19.30
	6H	15.55	16.48	15.96	16.85	17.25	18.07	19.01	18.49	19.38	19.77
	8H	15.51	16.40	15.94	16.79	17.19	18.26	19.14	18.69	19.53	19.94
	12H	15.48	16.32	15.91	16.70	17.14	18.51	19.35	18.94	19.73	20.16
4H	2H	14.79	15.81	15.20	16.16	16.55	15.63	16.64	16.03	16.99	17.38
	3H	16.08	16.92	16.50	17.33	17.73	17.49	18.33	17.91	18.73	19.14
	4H	16.34	17.09	16.77	17.51	17.95	18.29	19.03	18.72	19.46	19.90
	6H	16.36	17.01	16.83	17.45	17.92	18.82	19.46	19.29	19.91	20.38
	8H	16.32	16.92	16.79	17.37	17.84	19.05	19.65	19.52	20.10	20.57
	12H	16.29	16.81	16.77	17.30	17.77	19.30	19.83	19.79	20.31	20.79
8H	4H	16.58	17.18	17.05	17.63	18.10	18.36	18.96	18.83	19.41	19.88
	6H	16.61	17.10	17.12	17.60	18.08	18.98	19.46	19.48	19.96	20.44
	8H	16.58	17.01	17.10	17.53	18.02	19.25	19.68	19.78	20.20	20.70
	12H	17.27	17.65	17.79	18.14	18.72	20.01	20.38	20.52	20.88	21.45
12H	4H	16.59	17.12	17.08	17.60	18.08	18.32	18.84	18.80	19.33	19.80
	6H	17.15	17.07	17.17	17.54	18.08	19.45	19.37	19.47	19.84	20.39
	8H	16.62	16.99	17.14	17.49	18.06	19.24	19.61	19.75	20.11	20.68
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.7					0.3/-0.6					
S = 1.5H	1.2/-1.3					0.9/-0.9					
S = 2.0H	2.7/-1.8					1.8/-1.0					
标准表格	BK3					BK3					
更正系数	-2.0					-0.6					

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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	1006.72	994.21	962.98	914.25	856.47	783.03	705.83	622.73	548.37
30.0	1024.37	1016.47	988.76	944.41	884.48	815.49	736.53	654.03	576.76
60.0	1017.39	1011.25	985.16	941.72	881.02	809.50	735.61	653.19	576.22
90.0	1011.32	1010.86	990.84	948.48	893.53	822.63	748.88	667.00	588.19
120.0	1009.18	1007.41	984.62	942.80	881.72	812.73	733.84	653.96	570.85
150.0	1006.72	1006.03	984.08	942.11	885.24	811.81	731.39	646.51	566.71
180.0	1006.72	999.66	971.11	923.15	860.54	784.10	706.45	620.81	538.62
210.0	1024.37	1012.48	980.71	928.83	861.46	786.18	698.62	618.43	534.40
240.0	1017.39	1003.42	970.73	917.01	850.79	773.28	693.94	612.60	531.48
270.0	1011.32	990.99	952.47	895.91	827.15	748.35	672.07	591.34	515.29
300.0	1009.18	990.99	953.23	901.21	836.13	764.77	679.74	604.77	526.34
330.0	1006.72	987.77	950.01	897.06	835.06	758.47	682.81	602.93	524.12
360.0	1006.72	994.21	962.98	914.25	856.47	783.03	705.83	622.73	548.37
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	474.70	413.69	355.30	303.80	261.52	226.61	195.30	170.51	150.48
30.0	501.48	435.64	370.34	319.46	272.96	235.20	202.05	174.12	151.79
60.0	500.41	429.35	366.65	315.16	267.58	227.68	195.99	167.75	145.57
90.0	509.77	436.71	370.87	314.62	267.97	226.45	193.69	164.99	141.12
120.0	492.96	419.83	358.83	303.65	255.92	218.16	185.24	157.85	135.52
150.0	488.28	415.99	354.99	300.12	255.61	215.94	183.63	157.01	136.06
180.0	463.19	393.66	336.57	285.23	243.64	207.19	177.57	153.24	134.52
210.0	462.42	393.97	332.35	283.62	240.27	203.12	173.58	150.33	129.46
240.0	458.51	391.90	334.73	279.63	239.11	202.28	172.97	148.49	127.77
270.0	442.93	378.01	322.22	273.11	231.59	195.76	168.52	144.50	124.93
300.0	456.13	392.28	334.35	285.85	242.34	207.88	177.42	154.09	133.06
330.0	453.90	393.28	335.57	287.38	247.79	211.49	182.25	158.77	137.51
360.0	474.70	413.69	355.30	303.80	261.52	226.61	195.30	170.51	150.48
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	132.99	119.33	105.74	95.62	86.71	79.35	72.44	66.45	60.85
30.0	132.37	116.33	102.91	92.24	82.80	74.74	68.22	62.23	56.79
60.0	125.54	110.35	97.23	86.87	77.66	69.91	63.69	57.94	52.80
90.0	122.55	106.51	93.16	82.34	73.59	65.84	59.55	53.95	48.81
120.0	118.18	103.06	90.70	81.27	72.90	65.92	60.01	55.17	50.72
150.0	118.33	103.60	92.24	82.57	74.97	67.68	62.16	57.09	52.80
180.0	118.64	105.59	95.46	86.64	79.19	72.75	67.15	61.85	57.17
210.0	113.88	100.53	89.32	80.34	72.75	66.45	61.01	56.33	51.87
240.0	111.58	97.46	86.79	77.43	70.21	63.62	58.01	53.56	48.96
270.0	108.51	95.00	83.41	74.36	66.92	60.01	54.56	49.50	44.74
300.0	115.64	102.37	90.40	80.42	72.36	65.61	59.47	54.56	49.80
330.0	120.63	106.44	94.92	85.18	77.20	69.83	63.54	58.01	53.26
360.0	132.99	119.33	105.74	95.62	86.71	79.35	72.44	66.45	60.85
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	55.25	50.80	46.35	42.28	38.22	34.30	31.00	27.86	24.79
30.0	51.95	47.73	43.74	39.90	36.60	33.23	30.16	26.93	23.94
60.0	48.27	44.43	40.36	36.60	33.07	29.54	26.24	22.94	19.18
90.0	44.28	40.29	36.22	32.61	29.39	26.24	23.02	19.57	16.35
120.0	46.73	42.97	39.37	35.76	32.15	29.01	25.71	22.56	18.80
150.0	48.73	45.04	41.67	38.29	35.15	32.00	29.08	26.09	23.25
180.0	53.03	48.96	45.04	41.13	37.60	34.07	30.93	27.86	25.02
210.0	47.96	44.43	40.82	37.45	34.30	31.23	28.24	25.40	22.48
240.0	45.04	41.44	37.91	34.30	31.08	27.55	24.25	20.64	16.81
270.0	40.82	36.76	33.00	29.70	26.78	23.25	19.80	16.58	13.43
300.0	45.43	41.59	37.91	34.22	30.85	27.55	24.17	20.57	16.81
330.0	48.81	44.74	41.05	37.52	34.22	30.93	27.86	24.79	21.95
360.0	55.25	50.80	46.35	42.28	38.22	34.30	31.00	27.86	24.79

# 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	21.87	19.41	16.65	14.27	11.89	9.36	6.98	4.68	2.38
30.0	21.18	18.49	15.73	12.66	9.13	5.06	2.00	0.69	0.15
60.0	15.42	12.12	8.67	5.53	2.46	1.69	1.00	0.23	0.31
90.0	13.28	10.13	7.14	4.07	2.38	1.92	0.92	0.46	0.38
120.0	15.27	11.82	8.67	5.53	2.46	1.69	1.07	0.38	0.31
150.0	20.72	18.03	15.42	12.66	9.21	5.29	2.15	0.84	0.15
180.0	22.25	19.57	17.04	14.43	12.05	9.44	7.06	4.76	2.46
210.0	19.80	17.11	14.58	11.05	7.14	3.61	1.00	0.46	0.23
240.0	13.35	10.13	6.91	3.68	1.76	1.38	0.46	0.38	0.23
270.0	10.44	7.06	4.07	2.23	1.84	0.84	0.38	0.38	0.15
300.0	13.05	9.90	6.60	3.38	1.69	1.23	0.38	0.23	0.31
330.0	19.34	16.73	14.12	10.51	6.60	3.15	0.84	0.38	0.23
360.0	21.87	19.41	16.65	14.27	11.89	9.36	6.98	4.68	2.38
C/γ(°)	90.0								
0.0	0.31								
30.0	0.08								
60.0	0.15								
90.0	0.15								
120.0	0.15								
150.0	0.15								
180.0	0.38								
210.0	0.00								
240.0	0.00								
270.0	0.00								
300.0	0.00								
330.0	0.00								
360.0	0.31								