

浙大三色

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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 (40-ES-48RGBWN-AJ, L1000mm, C, CT)

报告编号:

电压(V): 24.2000

测试编号: 20210325009

电流(A): 0.7140

光源规格型号: ES

功率(W): 17.3000

每个光源光通量(lm)

功率因数: 1.0240

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): 553.24

灯具效能(lm/w): 31.98

中心光强(cd): 684.116

最大光强(cd): 702.763

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=43.8

[C90/270]Total=41.3

光束扩散角(10%Imax): [C0/180]Total=99.8

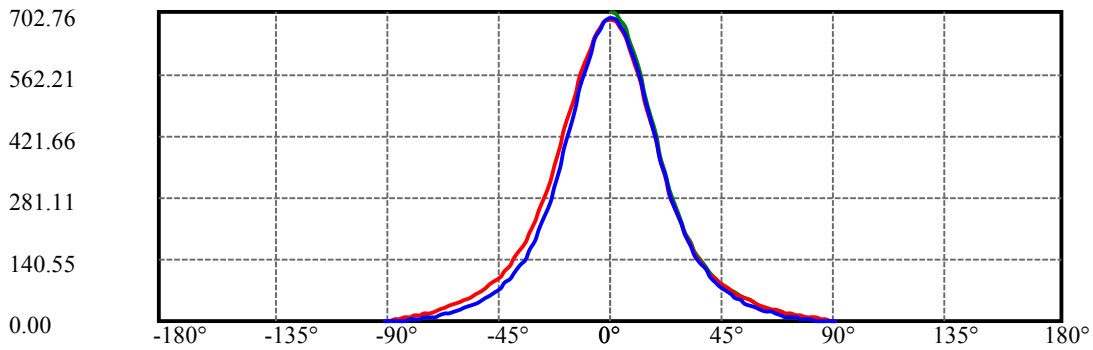
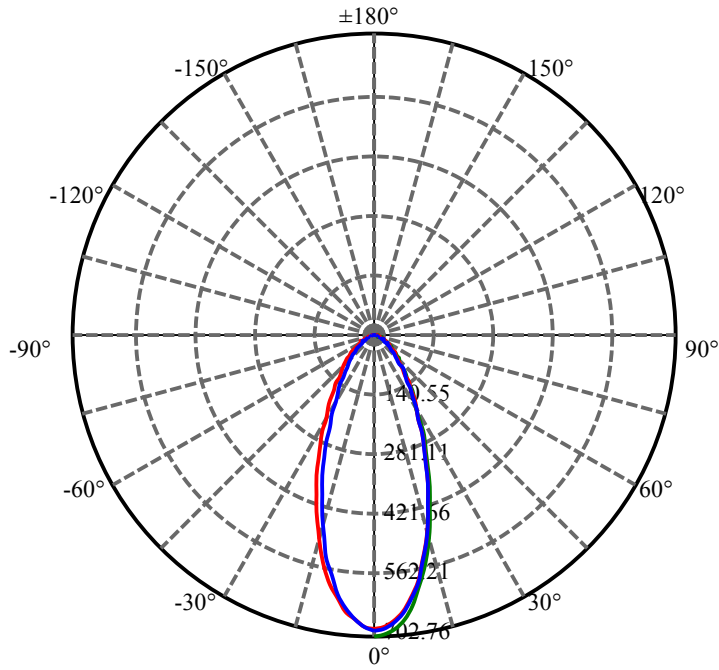
[C90/270]Total=91.4

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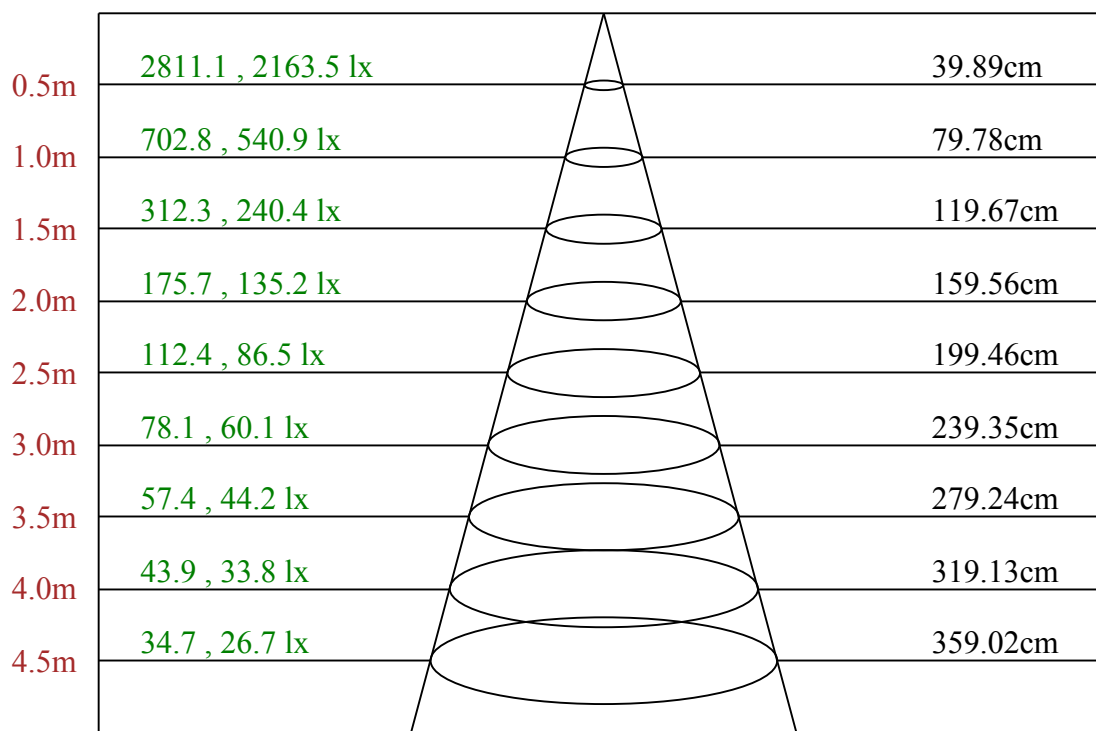
测试设备: GMS1800  
环境温度(°C): 25.0

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

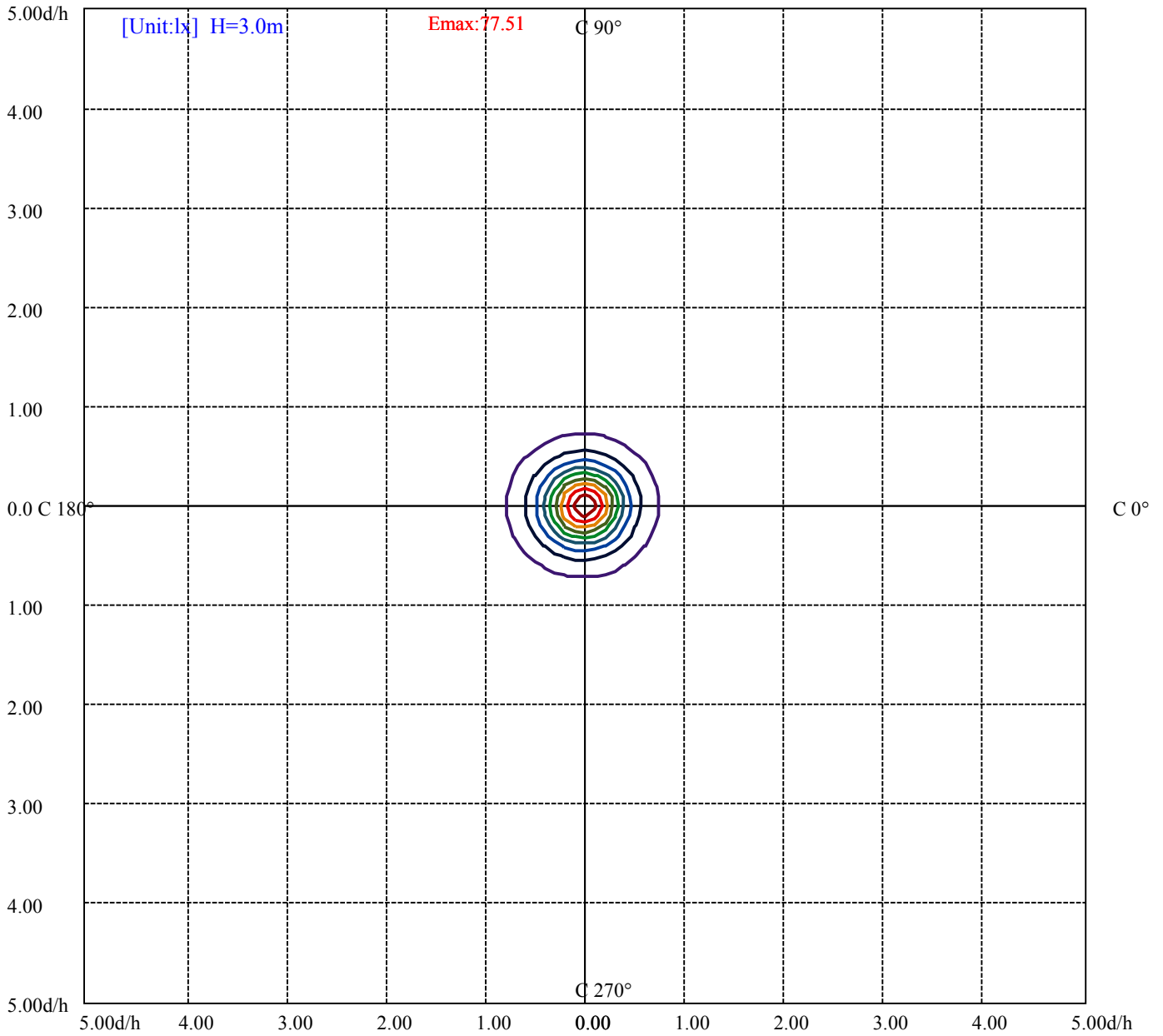


C30(Max): ———  
C0/C180: ———  
C90/C270: ———



Max , Ave    C30面光束角43.49

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 7.750478
- (20%Emax) 15.501
- (30%Emax) 23.25144
- (40%Emax) 31.00189
- (50%Emax) 38.75245
- (60%Emax) 46.50289
- (70%Emax) 54.25333
- (80%Emax) 62.00389
- (90%Emax) 69.75433

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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)

附页 第 5页 共8页

亮度值表

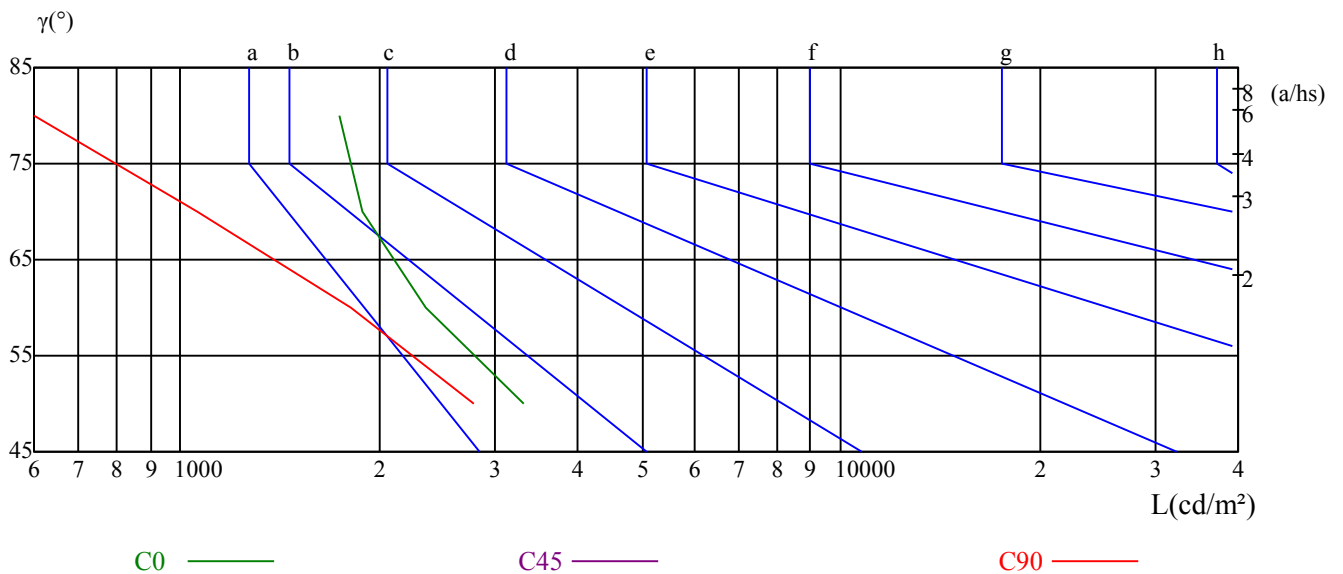
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	3300	0	2356	0	1889	0	1741	0
C45	0	0	0	0	0	0	0	0	0
C90	0	2782	0	1809	0	1058	0	446	0

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)							
		a	b	c	d	e	f	g	h
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

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	13.96	15.20	14.33	15.52	15.83	15.78	17.03	16.15	17.34	17.65
	3H	14.73	15.83	15.11	16.16	16.53	16.98	18.08	17.36	18.41	18.77
	4H	14.88	15.91	15.29	16.26	16.65	17.45	18.47	17.85	18.82	19.21
	6H	14.91	15.85	15.32	16.22	16.61	17.82	18.77	18.24	19.14	19.53
	8H	14.88	15.77	15.31	16.16	16.57	17.96	18.85	18.39	19.24	19.65
	12H	14.85	15.70	15.28	16.08	16.51	18.14	18.99	18.57	19.37	19.80
4H	2H	14.45	15.48	14.86	15.83	16.22	15.99	17.02	16.40	17.37	17.76
	3H	15.37	16.21	15.78	16.62	17.02	17.38	18.22	17.79	18.63	19.03
	4H	15.57	16.32	16.01	16.74	17.19	17.96	18.71	18.39	19.13	19.57
	6H	15.61	16.26	16.08	16.71	17.17	18.36	19.01	18.83	19.46	19.92
	8H	15.58	16.18	16.05	16.63	17.10	18.53	19.14	19.00	19.58	20.06
	12H	15.55	16.08	16.03	16.56	17.03	18.73	19.26	19.22	19.74	20.22
8H	4H	15.75	16.35	16.22	16.80	17.27	17.97	18.57	18.44	19.02	19.49
	6H	15.81	16.30	16.31	16.80	17.28	18.42	18.91	18.93	19.41	19.89
	8H	15.79	16.22	16.31	16.74	17.23	18.63	19.07	19.16	19.58	20.08
	12H	16.43	16.81	16.95	17.31	17.88	19.37	19.75	19.88	20.25	20.82
12H	4H	15.75	16.28	16.24	16.76	17.24	17.93	18.45	18.41	18.94	19.41
	6H	16.33	16.25	16.35	16.72	17.27	18.90	18.82	18.91	19.29	19.83
	8H	15.81	16.19	16.33	16.69	17.26	18.61	18.99	19.13	19.49	20.06
对应照射距离，改变观察者位置S											
S = 1.0H	0.7/-1.2					0.4/-0.7					
S = 1.5H	1.5/-2.1					1.1/-1.4					
S = 2.0H	3.7/-3.0					2.7/-1.6					
标准表格	BK2					BK2					
更正系数	-3.3					-1.9					

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	684.12	680.74	669.00	647.20	618.27	581.82	541.84	498.33	452.29
30.0	702.76	699.69	686.95	666.62	636.69	601.39	557.65	514.14	466.64
60.0	692.33	688.41	674.52	651.81	622.03	584.36	542.69	499.02	452.14
90.0	688.80	685.65	673.45	651.89	622.03	587.35	546.60	504.40	457.89
120.0	686.42	681.97	668.31	647.97	618.66	583.51	546.68	503.40	458.97
150.0	685.11	681.89	669.84	650.58	624.26	593.64	557.58	517.67	477.46
180.0	684.12	679.28	666.31	646.74	619.89	589.88	554.20	514.30	475.08
210.0	702.76	697.47	683.27	661.79	633.70	600.93	562.56	523.20	478.77
240.0	692.33	687.26	672.76	649.58	621.65	585.74	544.45	501.79	458.66
270.0	688.80	681.89	665.01	641.07	608.76	569.39	528.88	483.83	436.25
300.0	686.42	681.12	666.85	642.29	612.60	574.30	530.49	485.60	438.33
330.0	685.11	679.66	665.47	641.83	610.45	573.54	530.79	485.60	438.09
360.0	684.12	680.74	669.00	647.20	618.27	581.82	541.84	498.33	452.29
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	408.24	365.42	323.99	285.54	253.69	222.85	195.53	173.58	152.78
30.0	422.13	376.86	333.73	296.51	260.91	228.91	201.13	177.80	156.24
60.0	406.33	361.28	321.53	283.32	250.24	219.24	192.46	168.75	149.33
90.0	412.16	367.42	326.90	288.07	252.85	222.69	195.07	170.74	149.48
120.0	414.69	373.10	331.81	295.67	260.45	229.14	201.59	176.96	156.54
150.0	435.26	395.35	352.76	317.08	282.32	250.47	223.61	198.14	176.34
180.0	434.33	395.20	353.91	319.38	285.16	254.15	227.76	202.43	181.02
210.0	435.10	392.21	352.30	314.39	279.40	248.55	220.39	195.14	173.20
240.0	412.46	371.64	329.89	290.76	256.61	226.91	198.75	174.96	154.70
270.0	390.98	349.39	307.49	272.27	238.81	208.50	182.87	161.38	141.27
300.0	393.74	350.46	311.09	272.50	239.50	209.26	184.17	161.84	142.12
330.0	394.97	351.38	309.56	274.72	241.57	211.34	185.86	164.53	144.57
360.0	408.24	365.42	323.99	285.54	253.69	222.85	195.53	173.58	152.78
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	135.52	119.63	106.82	95.00	85.64	76.81	69.22	63.00	56.86
30.0	138.74	122.78	108.81	96.92	86.71	78.20	70.37	63.62	57.32
60.0	131.53	116.10	103.29	91.32	80.50	70.98	63.08	55.71	49.19
90.0	132.14	115.80	101.45	89.48	78.27	69.14	60.55	53.10	46.50
120.0	137.97	122.32	107.82	95.85	84.03	74.74	66.15	58.32	51.87
150.0	156.39	138.74	123.16	110.27	98.30	87.79	79.04	70.83	63.39
180.0	160.15	143.42	127.46	114.42	101.98	91.32	82.19	73.98	66.76
210.0	153.78	136.36	120.94	108.51	96.92	87.02	78.12	70.29	62.77
240.0	135.98	120.25	106.05	94.23	83.41	73.67	65.53	58.09	51.72
270.0	124.47	110.43	96.69	85.49	75.13	65.69	57.86	50.72	44.51
300.0	125.77	111.50	98.45	87.10	77.74	68.45	60.85	53.87	47.65
330.0	128.61	114.11	101.29	91.32	82.03	73.59	66.61	60.55	54.64
360.0	135.52	119.63	106.82	95.00	85.64	76.81	69.22	63.00	56.86
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	51.34	45.89	40.21	34.99	30.93	27.55	24.56	21.87	19.18
30.0	51.49	46.12	40.98	35.76	31.08	27.01	23.40	20.41	17.57
60.0	43.89	38.68	34.15	29.70	26.01	22.41	19.34	15.88	12.66
90.0	40.82	35.53	30.85	26.86	23.17	19.88	16.35	13.35	10.74
120.0	45.81	40.44	35.53	31.00	26.93	23.10	20.03	16.58	13.35
150.0	56.79	50.95	45.04	39.83	34.69	30.00	26.09	22.41	19.34
180.0	60.16	54.18	48.04	42.21	37.22	32.77	28.85	25.32	22.41
210.0	56.33	50.57	44.51	38.98	34.07	29.31	25.63	22.10	18.95
240.0	45.35	40.36	35.38	31.16	27.09	23.40	20.18	16.88	13.35
270.0	38.98	34.07	29.47	25.63	22.25	18.95	15.50	12.66	10.28
300.0	42.28	37.75	33.23	29.16	25.71	22.18	19.18	15.81	12.74
330.0	49.73	44.66	39.60	34.30	29.54	25.48	22.10	19.41	16.73
360.0	51.34	45.89	40.21	34.99	30.93	27.55	24.56	21.87	19.18

# 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	16.88	14.58	12.66	10.74	8.98	7.14	5.06	3.15	1.07
30.0	14.96	12.66	10.44	7.75	5.14	2.84	1.07	0.38	0.08
60.0	10.05	7.75	5.60	3.61	2.15	1.15	0.31	0.23	0.15
90.0	8.52	6.68	4.99	3.45	2.30	1.30	0.31	0.31	0.15
120.0	10.44	7.98	5.91	3.99	2.46	1.46	0.54	0.23	0.23
150.0	16.42	13.97	11.51	8.82	6.22	3.61	1.69	0.54	0.15
180.0	19.57	17.04	14.50	12.28	10.13	8.13	5.91	3.68	1.61
210.0	16.35	13.74	11.13	8.36	5.60	3.22	1.23	0.46	0.15
240.0	10.51	8.29	6.06	4.07	2.53	1.61	0.31	0.15	0.23
270.0	8.21	6.60	4.76	3.30	2.23	1.00	0.31	0.31	0.08
300.0	10.13	7.98	5.91	3.84	2.46	1.30	0.38	0.31	0.15
330.0	14.20	11.89	9.82	7.21	4.60	2.46	1.00	0.23	0.15
360.0	16.88	14.58	12.66	10.74	8.98	7.14	5.06	3.15	1.07

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
120.0	0.00
150.0	0.00
180.0	0.00
210.0	0.00
240.0	0.00
270.0	0.00
300.0	0.00
330.0	0.00
360.0	0.00