

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F1022A-6-UN(30-OL-6WN-AJ, CT)

报告编号:

电压(V): 202.2000

测试编号: 20210223002

电流(A): 0.0730

光源规格型号: OL

功率(W): 7.1000

每个光源光通量(lm)

功率因数: 0.4860

光源数量: 6

镇流器型号:

发光面长度(mm): 88

发光面宽度(mm): 88

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): 631.16

灯具效能(lm/w): 88.90

中心光强(cd): 1742.711

最大光强(cd): 1743.478

最大光强角度: C=120.0  $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=28.7

[C90/270]Total=28.6

光束扩散角(10%Imax): [C0/180]Total=55.5

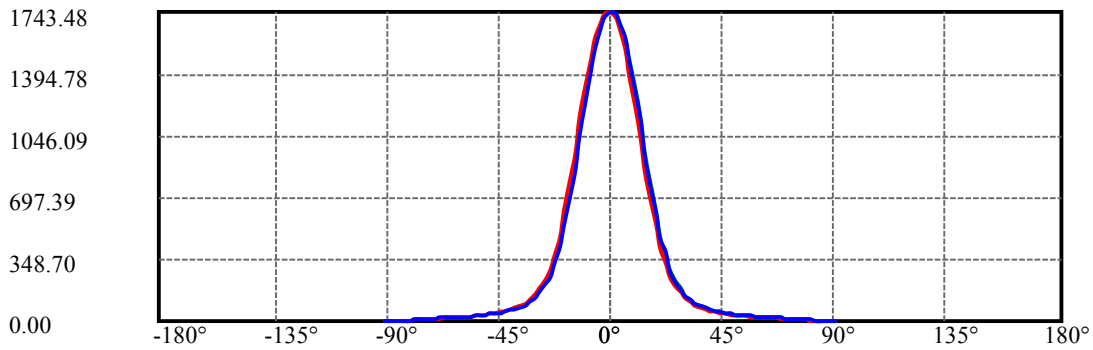
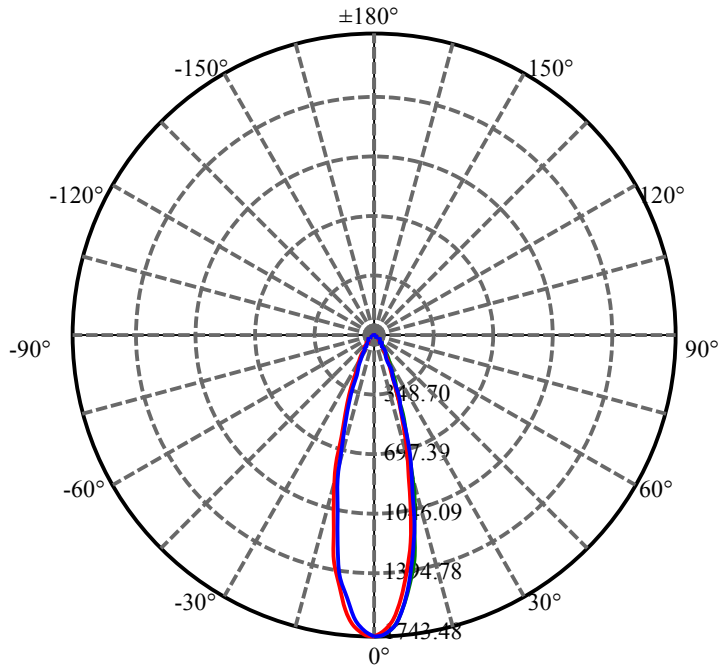
[C90/270]Total=55.3

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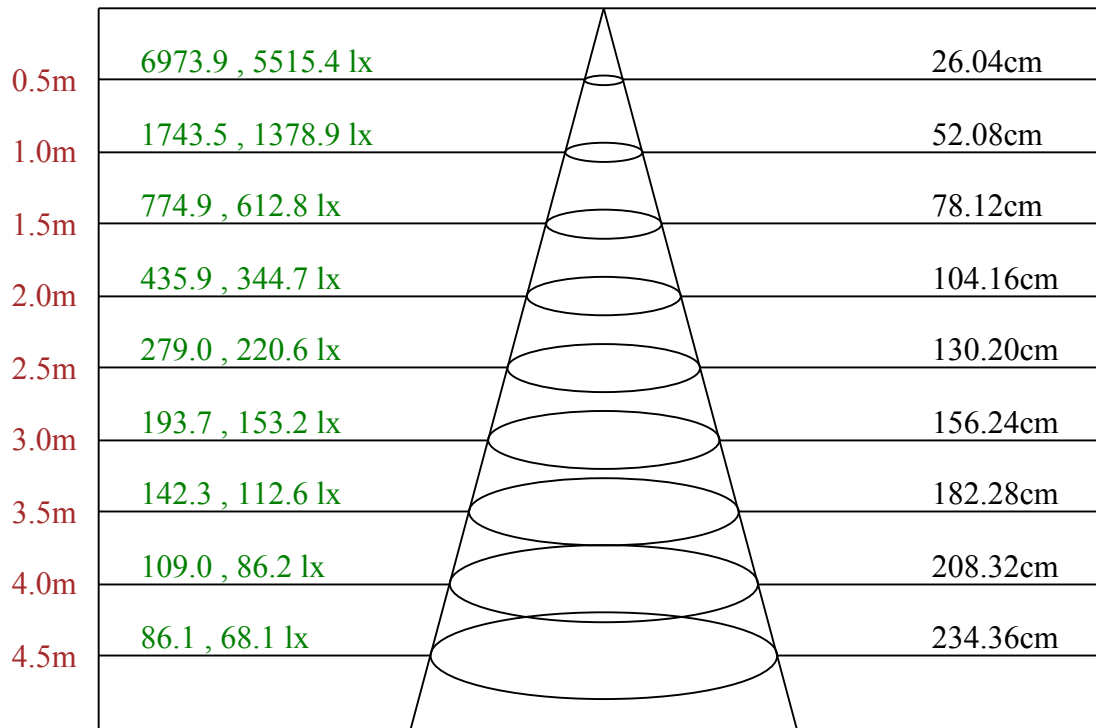
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/2/23  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

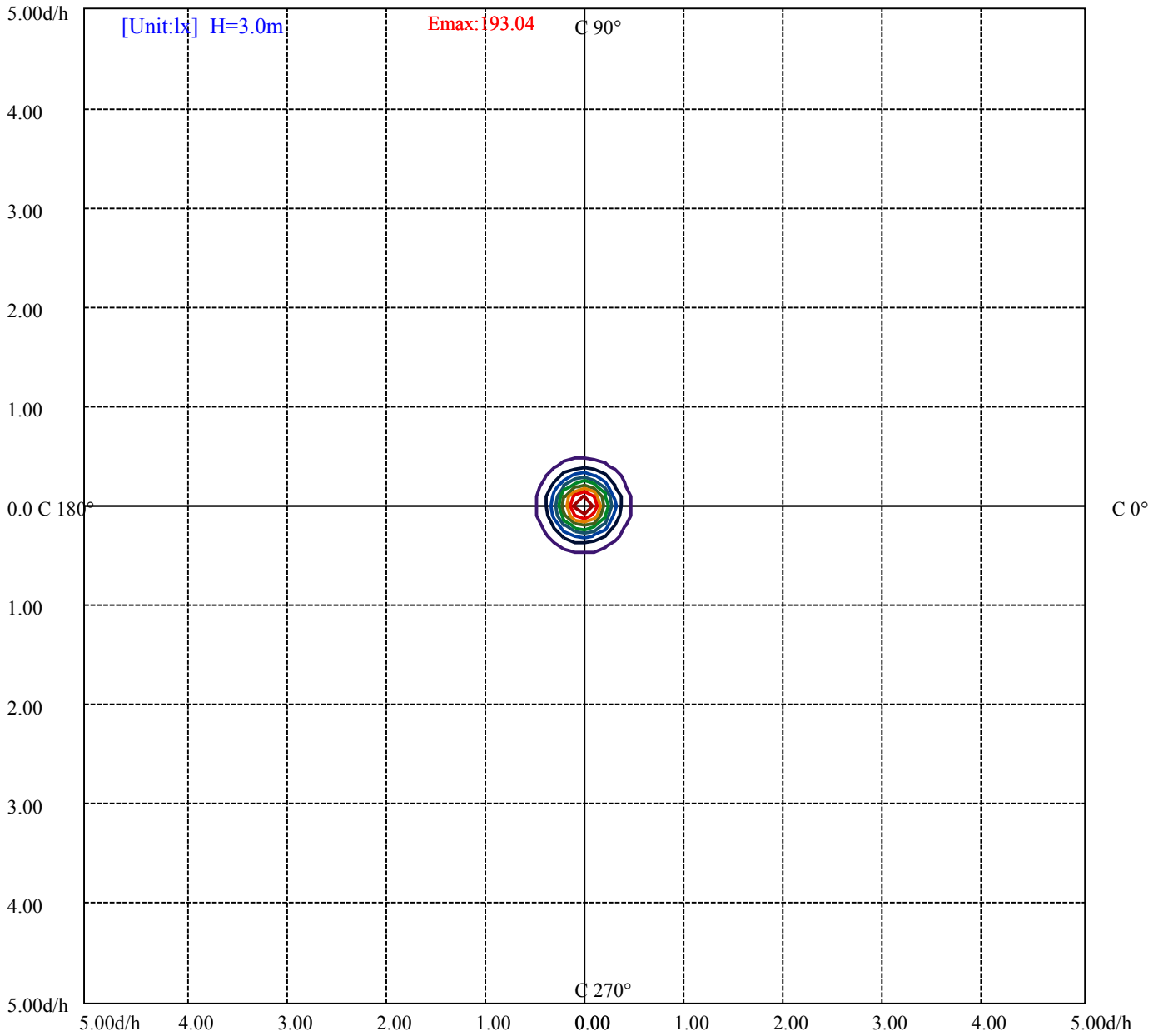


C120(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave C120面光束角29.19

ROLED 投光灯  
平面等照度曲线



(10%E <sub>max</sub> ) 19.30378	—
(20%E <sub>max</sub> ) 38.60744	—
(30%E <sub>max</sub> ) 57.91122	—
(40%E <sub>max</sub> ) 77.215	—
(50%E <sub>max</sub> ) 96.51878	—
(60%E <sub>max</sub> ) 115.8222	—
(70%E <sub>max</sub> ) 135.1267	—
(80%E <sub>max</sub> ) 154.43	—
(90%E <sub>max</sub> ) 173.7333	—

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测试日期: 2021/2/23  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

# 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

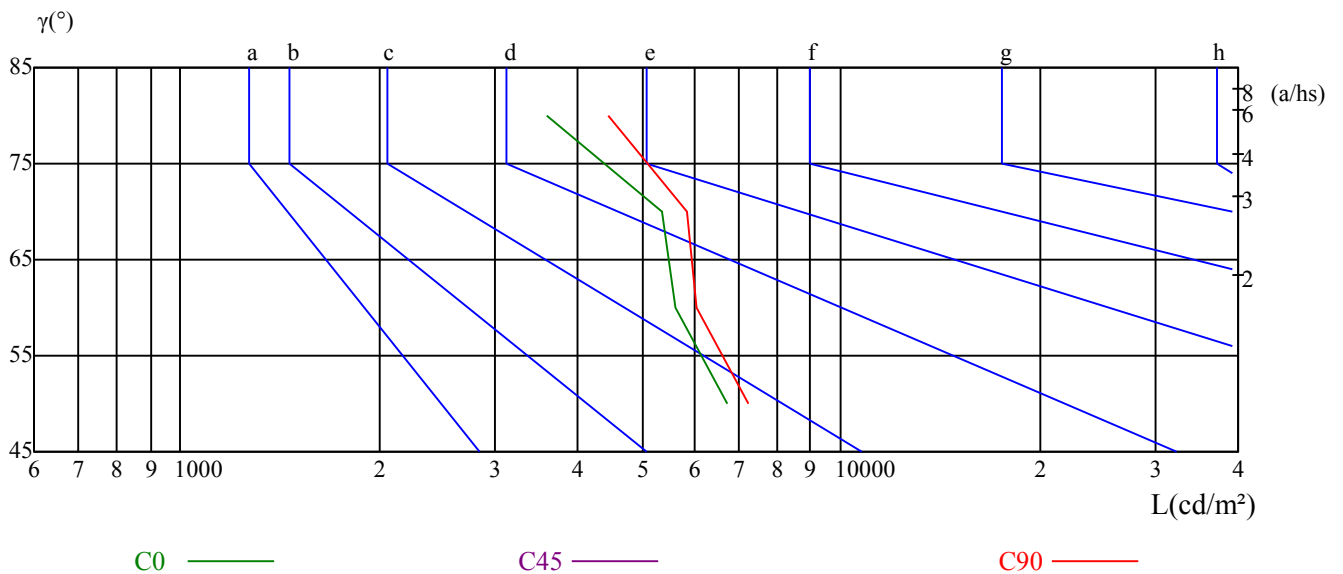
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6752	0	5628	0	5360	0	3595	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7246	0	6045	0	5853	0	4451	0

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



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/2/23  
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	15.96	17.05	16.32	17.36	17.68	15.81	16.90	16.17	17.21	17.53
	3H	17.73	18.70	18.11	19.03	19.39	17.54	18.51	17.92	18.84	19.21
	4H	18.37	19.27	18.78	19.63	20.01	18.17	19.07	18.57	19.42	19.81
	6H	18.75	19.57	19.17	19.95	20.34	18.52	19.34	18.93	19.71	20.11
	8H	18.82	19.59	19.25	19.99	20.39	18.58	19.35	19.01	19.74	20.15
	12H	18.86	19.60	19.29	19.98	20.42	18.61	19.35	19.04	19.73	20.16
4H	2H	16.47	17.37	16.88	17.72	18.11	16.35	17.25	16.76	17.61	17.99
	3H	18.47	19.21	18.88	19.61	20.02	18.32	19.06	18.73	19.46	19.87
	4H	19.23	19.89	19.67	20.31	20.76	19.05	19.71	19.49	20.13	20.58
	6H	19.62	20.19	20.09	20.63	21.11	19.42	19.99	19.89	20.44	20.91
	8H	19.71	20.24	20.19	20.69	21.16	19.50	20.03	19.98	20.48	20.95
	12H	19.75	20.21	20.24	20.70	21.17	19.54	19.99	20.03	20.48	20.96
8H	4H	19.44	19.97	19.92	20.42	20.89	19.28	19.81	19.76	20.26	20.73
	6H	19.93	20.35	20.44	20.85	21.33	19.76	20.18	20.27	20.69	21.17
	8H	20.07	20.44	20.60	20.96	21.46	19.89	20.27	20.42	20.79	21.28
	12H	20.63	20.95	21.15	21.45	22.03	20.45	20.77	20.97	21.27	21.85
12H	4H	19.43	19.89	19.92	20.37	20.85	19.27	19.73	19.76	20.22	20.69
	6H	20.30	20.31	20.47	20.78	21.33	20.14	20.15	20.31	20.62	21.17
	8H	20.11	20.43	20.63	20.93	21.51	19.94	20.26	20.46	20.76	21.34
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.6					0.4/-0.6					
S = 1.5H	1.0/-0.9					1.0/-0.9					
S = 2.0H	2.1/-1.0					2.0/-1.1					
标准表格	BK3					BK3					
更正系数	0.2					-0.2					

# 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	1742.71	1710.48	1642.18	1528.61	1380.51	1216.29	1017.54	847.95	681.43
30.0	1737.34	1711.25	1643.72	1547.80	1405.83	1233.17	1058.98	871.74	698.31
60.0	1737.34	1714.32	1654.46	1526.46	1433.61	1265.63	1080.62	893.23	727.40
90.0	1741.94	1729.67	1676.72	1590.00	1461.08	1298.40	1126.51	936.20	755.10
120.0	1743.48	1730.43	1677.48	1589.24	1475.89	1315.74	1133.72	954.08	774.51
150.0	1740.41	1737.34	1694.37	1615.33	1497.92	1343.68	1176.39	989.15	805.74
180.0	1742.71	1732.74	1676.72	1593.07	1474.05	1323.19	1144.39	956.99	786.33
210.0	1737.34	1721.99	1666.74	1570.82	1456.48	1292.88	1109.40	936.74	757.78
240.0	1737.34	1719.69	1659.07	1564.68	1428.09	1273.84	1091.98	909.34	735.15
270.0	1741.94	1712.02	1642.95	1528.23	1402.76	1228.11	1039.49	858.54	694.17
300.0	1743.48	1714.32	1644.49	1532.45	1392.79	1221.66	1035.96	866.37	698.31
330.0	1740.41	1703.57	1623.00	1510.81	1358.26	1188.05	999.97	821.48	661.17
360.0	1742.71	1710.48	1642.18	1528.61	1380.51	1216.29	1017.54	847.95	681.43
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	538.70	415.92	320.15	249.01	196.37	157.70	127.84	107.36	90.47
30.0	549.44	428.20	329.43	255.54	202.66	161.76	132.99	109.66	92.09
60.0	573.08	442.16	343.94	265.59	207.88	166.60	136.98	113.26	95.38
90.0	605.46	465.80	387.52	280.32	218.40	173.89	142.12	116.79	97.53
120.0	613.29	480.91	369.80	288.76	222.92	179.80	145.72	119.94	101.37
150.0	649.20	504.17	392.90	299.81	236.04	187.01	152.55	124.70	104.52
180.0	622.73	481.68	370.64	289.15	225.61	181.87	147.34	120.94	101.06
210.0	595.56	462.27	358.90	276.64	219.78	174.58	141.12	116.56	98.45
240.0	575.53	451.22	347.24	270.04	212.79	170.59	138.20	115.95	97.69
270.0	541.00	419.06	325.67	251.47	200.59	158.46	130.07	108.20	91.70
300.0	554.81	423.59	330.66	254.23	203.20	163.30	132.22	110.81	93.62
330.0	513.14	402.26	308.95	238.81	189.00	151.17	124.47	103.52	87.94
360.0	538.70	415.92	320.15	249.01	196.37	157.70	127.84	107.36	90.47
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	77.66	67.38	58.86	51.49	46.04	41.13	36.83	33.61	30.70
30.0	78.81	68.60	60.09	52.95	47.42	42.36	38.37	34.92	32.08
60.0	82.19	71.14	62.23	55.10	48.81	43.66	39.44	35.91	32.77
90.0	83.80	72.21	63.00	55.25	49.19	43.89	39.67	36.07	32.77
120.0	86.33	74.97	64.84	57.25	50.49	45.20	40.59	36.68	33.46
150.0	88.40	75.74	65.69	57.55	50.80	45.20	40.82	36.83	33.38
180.0	86.64	74.59	64.77	56.94	50.03	44.28	39.52	35.76	32.31
210.0	83.72	72.36	63.31	55.56	49.57	43.74	39.60	35.84	32.61
240.0	83.95	72.75	63.54	56.02	49.42	44.28	39.67	36.14	32.92
270.0	78.35	67.99	60.01	52.72	46.89	41.90	37.91	34.53	31.54
300.0	79.73	69.45	61.08	53.49	47.81	42.82	38.45	34.99	31.92
330.0	75.20	65.30	57.40	50.49	44.97	40.29	36.76	33.46	30.54
360.0	77.66	67.38	58.86	51.49	46.04	41.13	36.83	33.61	30.70
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	28.01	25.71	23.64	21.79	20.03	18.57	16.96	15.65	14.20
30.0	29.39	27.17	24.94	23.02	21.26	19.49	17.96	16.42	14.96
60.0	30.16	27.63	25.40	23.40	21.64	19.88	18.11	16.58	14.96
90.0	29.93	27.63	25.40	23.40	21.64	19.95	18.42	16.96	15.50
120.0	30.54	28.01	25.63	23.71	21.72	20.03	18.26	16.88	15.19
150.0	30.62	28.01	25.63	23.64	21.79	20.03	18.42	16.81	15.19
180.0	29.31	26.93	24.48	22.41	20.64	18.88	17.34	15.88	14.35
210.0	29.93	27.47	25.25	23.17	21.49	19.72	18.19	16.58	15.12
240.0	30.00	27.55	25.17	23.25	21.41	19.80	18.11	16.58	14.96
270.0	29.01	26.70	24.40	22.48	20.80	19.18	17.73	16.27	14.66
300.0	29.24	26.93	24.86	22.87	21.03	19.41	17.88	16.27	14.81
330.0	28.09	25.86	23.79	22.02	20.41	18.88	17.42	15.96	14.43
360.0	28.01	25.71	23.64	21.79	20.03	18.57	16.96	15.65	14.20

# 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	12.43	10.82	8.98	6.68	4.83	3.22	1.69	0.46	0.15
30.0	12.97	10.82	9.06	7.21	5.37	3.22	1.61	0.31	0.15
60.0	13.20	11.36	9.29	6.91	5.14	3.45	2.15	0.46	0.08
90.0	13.74	11.66	9.82	7.90	5.99	3.76	2.23	0.84	0.15
120.0	13.58	11.82	9.67	7.44	5.53	3.84	2.53	0.61	0.15
150.0	13.43	11.28	9.59	7.83	5.91	3.76	2.07	0.69	0.08
180.0	12.66	10.90	8.82	6.68	4.91	3.38	1.84	0.31	0.15
210.0	13.05	11.05	9.13	7.14	5.37	3.22	1.53	0.38	0.15
240.0	13.20	11.28	9.36	6.83	4.99	3.22	1.69	0.46	0.15
270.0	13.05	10.97	8.90	6.83	4.76	2.84	1.46	0.23	0.15
300.0	12.97	11.13	9.06	6.68	5.06	3.38	1.76	0.31	0.15
330.0	12.66	10.36	8.59	6.68	4.99	2.92	1.38	0.31	0.23
360.0	12.43	10.82	8.98	6.68	4.83	3.22	1.69	0.46	0.15

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