

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F2226A1-32-36DC-RC-Y(4525-CL-32RGBWN-C, CT)

报告编号:

电压(V): 37.2000

测试编号: 20210305005

电流(A): 1.4680

光源规格型号: CL

功率(W): 54.6000

每个光源光通量(lm)

功率因数: 1.0370

光源数量: 32

镇流器型号:

发光面长度(mm): 270

发光面宽度(mm): 160

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): 2791.41

灯具效能(lm/w): 51.12

中心光强(cd): 5029.382

最大光强(cd): 5129.909

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=39.0

[C90/270]Total=28.2

光束扩散角(10%Imax): [C0/180]Total=80.8

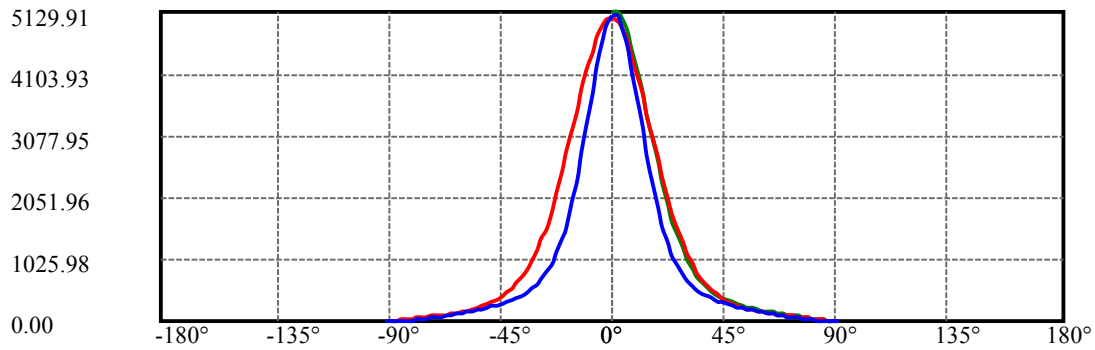
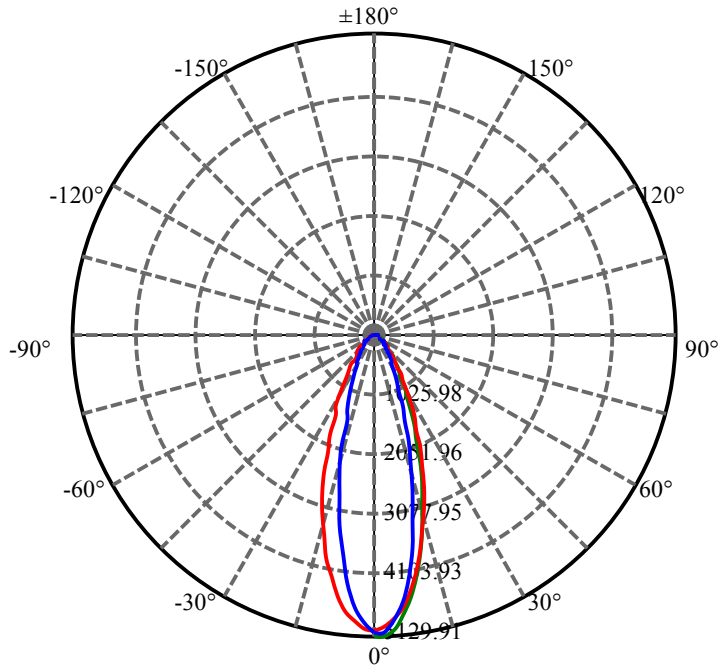
[C90/270]Total=67.2

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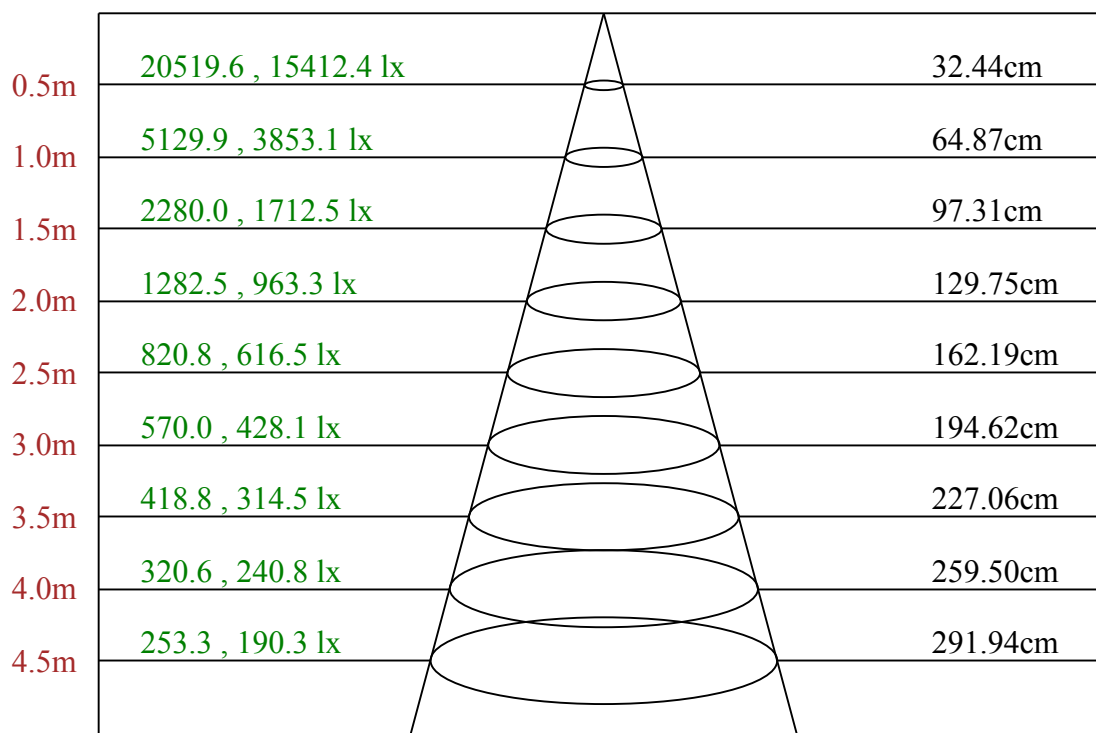
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/5  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

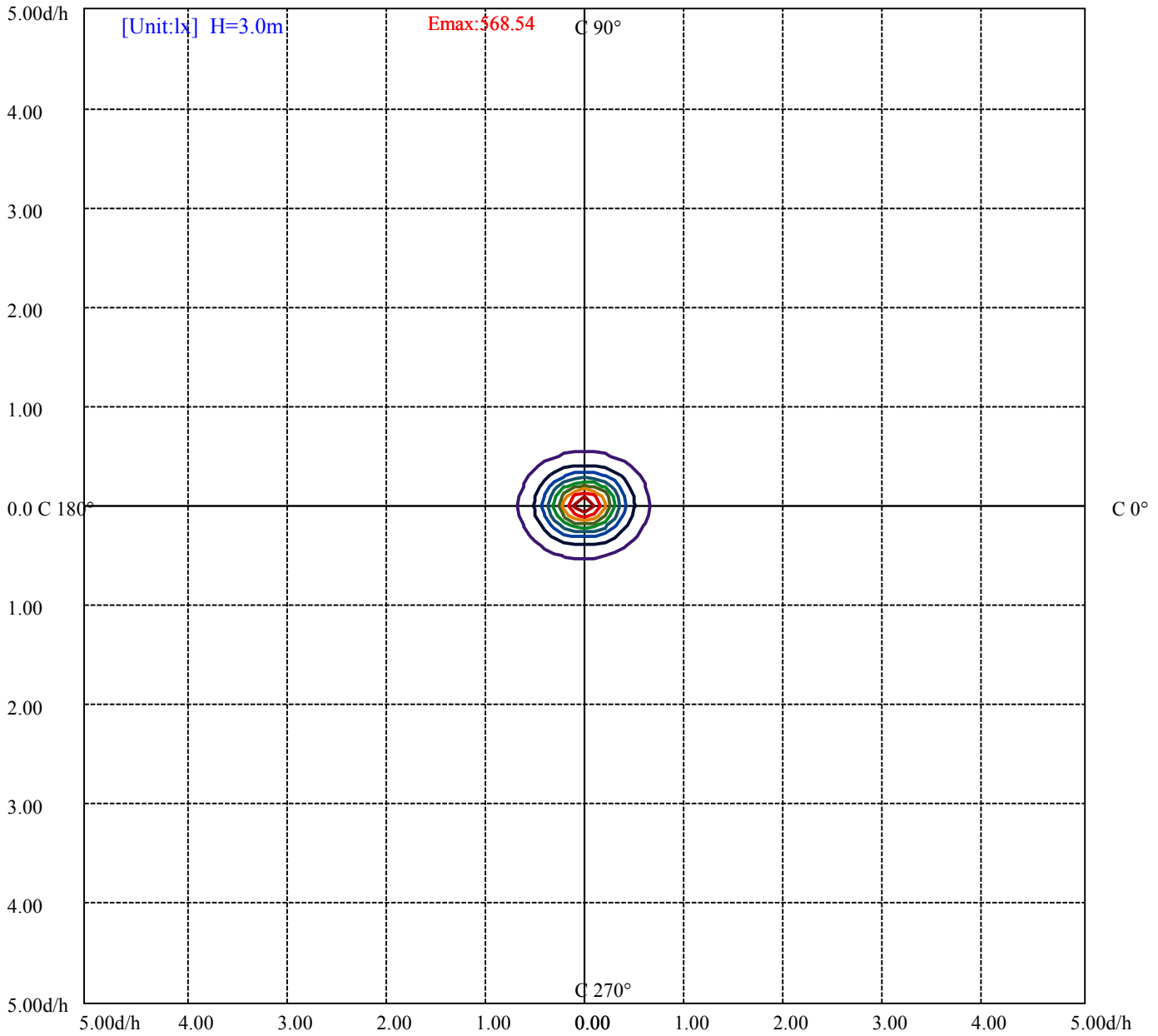


C30(Max): ————  
C0/C180: ————  
C90/C270: ————



Max , Ave    C30面光束角35.94

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平面等照度曲线



(10%Emax) 56.854	—
(20%Emax) 113.7078	—
(30%Emax) 170.5622	—
(40%Emax) 227.4156	—
(50%Emax) 284.27	—
(60%Emax) 341.1245	—
(70%Emax) 397.9778	—
(80%Emax) 454.8322	—
(90%Emax) 511.6855	—

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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)

亮度值表

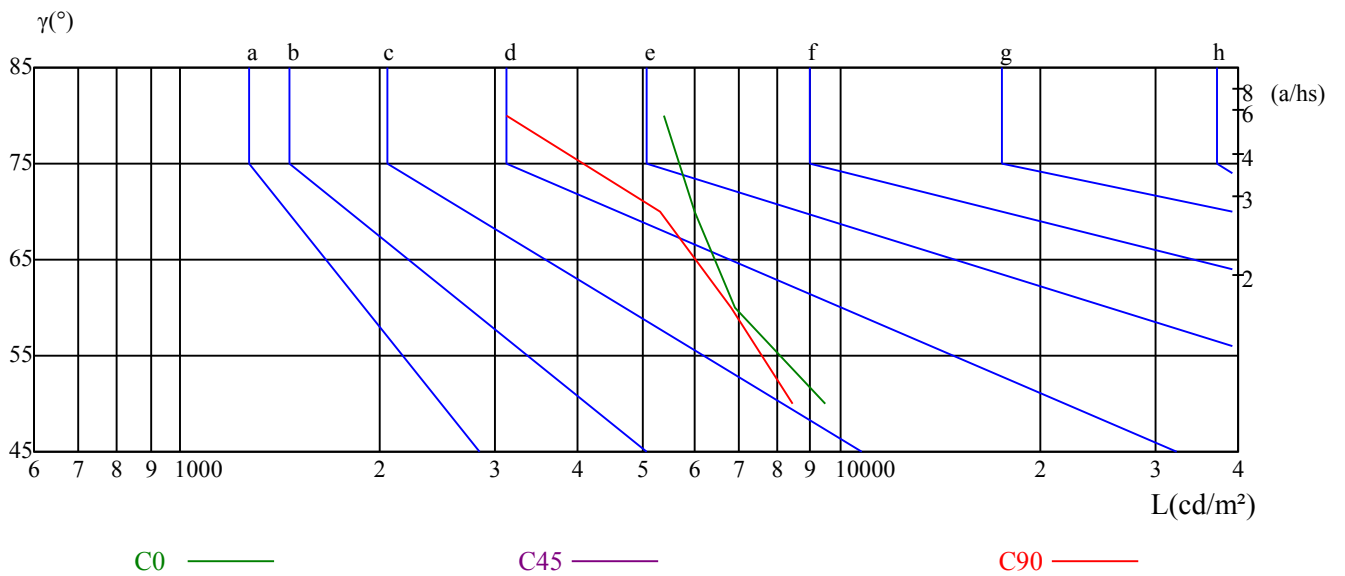
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	9476	0	6931	0	5999	0	5381	0
C45	0	0	0	0	0	0	0	0	0
C90	0	8440	0	6832	0	5323	0	3110	0

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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		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	12.70	13.90	13.07	14.22	14.53	13.11	14.31	13.48	14.62	14.94
	3H	13.93	15.00	14.31	15.33	15.70	14.56	15.63	14.94	15.96	16.32
	4H	14.30	15.29	14.71	15.64	16.03	15.14	16.13	15.55	16.49	16.87
	6H	14.44	15.35	14.86	15.73	16.12	15.56	16.47	15.98	16.85	17.24
	8H	14.44	15.30	14.88	15.69	16.10	15.67	16.53	16.10	16.92	17.33
	12H	14.43	15.25	14.87	15.64	16.07	15.75	16.57	16.18	16.95	17.38
4H	2H	13.25	14.24	13.66	14.60	14.98	13.58	14.57	13.98	14.92	15.31
	3H	14.69	15.50	15.10	15.91	16.31	15.31	16.12	15.72	16.53	16.93
	4H	15.15	15.88	15.59	16.30	16.75	16.02	16.75	16.46	17.17	17.61
	6H	15.33	15.95	15.79	16.40	16.87	16.46	17.08	16.92	17.53	18.00
	8H	15.33	15.92	15.80	16.36	16.84	16.59	17.18	17.07	17.63	18.10
	12H	15.32	15.83	15.81	16.32	16.79	16.67	17.18	17.16	17.67	18.14
8H	4H	15.40	15.99	15.88	16.44	16.91	16.18	16.76	16.65	17.21	17.69
	6H	15.64	16.11	16.14	16.61	17.09	16.73	17.20	17.23	17.70	18.18
	8H	15.67	16.09	16.19	16.60	17.10	16.92	17.33	17.44	17.85	18.35
	12H	16.27	16.64	16.79	17.13	17.71	17.52	17.89	18.04	18.38	18.96
12H	4H	15.41	15.92	15.90	16.40	16.88	16.15	16.66	16.64	17.15	17.62
	6H	16.14	16.08	16.19	16.55	17.10	17.19	17.14	17.25	17.60	18.15
	8H	15.72	16.08	16.24	16.58	17.15	16.93	17.30	17.45	17.79	18.37
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.6					0.6/-0.8					
S = 1.5H	0.9/-1.1					1.0/-1.1					
S = 2.0H	1.9/-1.5					2.4/-1.4					
标准表格	BK3					BK3					
更正系数	1.7					2.6					

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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	5029.38	4982.57	4860.56	4661.04	4402.44	4088.58	3754.77	3417.89	3047.25
30.0	5129.91	5122.23	5018.64	4801.47	4531.36	4185.27	3799.28	3418.66	3013.49
60.0	5103.82	5075.42	4905.07	4616.53	4231.31	3805.42	3338.09	2896.08	2452.53
90.0	5068.52	5055.47	4882.05	4568.96	4177.59	3698.75	3219.14	2732.63	2281.41
120.0	5055.47	5019.41	4852.89	4566.65	4185.27	3763.21	3302.02	2866.15	2427.98
150.0	5035.52	5020.94	4918.11	4717.83	4443.87	4103.93	3744.79	3353.43	2974.35
180.0	5029.38	4998.69	4892.02	4717.83	4476.10	4196.01	3867.58	3513.81	3164.66
210.0	5129.91	5043.96	4861.33	4602.72	4271.98	3918.99	3529.16	3123.22	2753.35
240.0	5103.82	4996.39	4755.43	4433.90	4023.35	3582.88	3096.36	2672.00	2250.71
270.0	5068.52	4916.58	4640.32	4247.43	3799.28	3298.18	2812.43	2373.49	1969.85
300.0	5055.47	4951.11	4708.62	4384.79	3971.17	3527.63	3063.36	2617.52	2197.76
330.0	5035.52	4945.74	4769.24	4506.03	4190.64	3817.70	3427.87	3025.76	2661.26
360.0	5029.38	4982.57	4860.56	4661.04	4402.44	4088.58	3754.77	3417.89	3047.25
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2714.98	2378.10	2055.03	1772.64	1528.61	1295.33	1101.95	943.11	796.54
30.0	2641.31	2281.41	1949.90	1672.11	1418.11	1200.94	1016.77	870.97	744.35
60.0	2060.40	1718.92	1450.03	1212.15	1019.00	868.90	743.13	640.99	557.73
90.0	1883.91	1570.82	1298.40	1082.77	918.55	779.65	674.52	585.51	513.37
120.0	2039.69	1702.04	1437.68	1203.55	1013.09	865.06	740.29	638.84	555.58
150.0	2589.89	2236.90	1913.84	1629.14	1395.86	1182.53	1010.63	861.00	735.91
180.0	2805.53	2475.55	2134.07	1855.52	1525.70	1375.60	1172.70	997.44	847.18
210.0	2390.38	2048.89	1764.96	1514.26	1295.18	1100.72	939.58	800.53	693.86
240.0	1892.35	1596.91	1329.86	1131.11	949.24	812.65	702.15	613.13	534.86
270.0	1530.92	1357.10	1144.00	965.21	825.31	708.52	615.28	536.93	477.61
300.0	1844.77	1553.17	1292.26	1096.58	929.29	789.63	681.43	595.48	519.51
330.0	2305.20	1969.85	1692.06	1448.42	1224.19	1039.87	892.92	759.70	657.95
360.0	2714.98	2378.10	2055.03	1772.64	1528.61	1295.33	1101.95	943.11	796.54
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	684.50	580.14	500.33	433.57	389.06	334.12	295.52	263.13	232.51
30.0	642.29	556.35	483.45	425.13	388.29	340.64	306.26	277.64	251.32
60.0	493.65	438.09	393.89	355.83	323.76	296.28	271.96	251.47	231.52
90.0	453.52	407.48	368.03	332.96	304.11	277.94	254.92	234.36	216.40
120.0	491.81	436.25	389.98	353.76	321.38	293.52	269.04	248.55	228.68
150.0	637.69	551.74	481.14	422.06	389.83	336.88	303.88	273.49	247.10
180.0	727.93	621.96	533.25	463.88	402.80	351.23	308.41	273.42	240.80
210.0	601.01	521.28	460.50	407.32	361.13	323.68	292.83	263.06	239.04
240.0	472.70	422.82	388.29	344.86	313.70	287.38	263.67	243.03	222.77
270.0	425.97	381.16	346.24	314.24	285.62	261.60	241.19	220.70	203.35
300.0	460.43	412.08	371.33	338.49	307.18	281.70	259.14	239.42	219.93
330.0	570.08	494.96	437.86	388.29	345.47	310.86	282.32	254.62	231.36
360.0	684.50	580.14	500.33	433.57	389.06	334.12	295.52	263.13	232.51
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	206.65	184.25	166.06	149.72	134.06	120.94	109.20	98.45	88.63
30.0	229.06	207.34	190.08	173.73	158.77	145.65	131.91	119.33	106.44
60.0	214.17	196.68	179.87	164.14	149.41	133.22	117.33	103.44	89.78
90.0	198.52	182.33	165.52	147.57	131.37	114.72	101.83	89.48	78.66
120.0	211.26	193.84	177.26	161.61	147.18	131.22	115.26	101.75	88.17
150.0	223.84	204.20	185.94	169.28	154.93	141.12	128.08	113.96	101.60
180.0	213.94	189.93	169.59	151.86	136.59	122.09	109.50	99.07	89.02
210.0	216.86	196.22	178.72	163.68	148.41	134.44	121.40	107.51	95.23
240.0	204.58	186.86	170.97	155.39	139.05	123.09	107.97	94.16	80.57
270.0	186.17	168.21	150.56	134.14	117.49	103.60	91.78	79.65	69.45
300.0	202.28	186.01	168.90	154.32	138.20	122.63	107.82	94.08	81.19
330.0	211.72	192.61	175.88	160.77	146.95	133.75	121.17	107.36	95.08
360.0	206.65	184.25	166.06	149.72	134.06	120.94	109.20	98.45	88.63

# 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	80.11	70.52	60.85	51.64	40.36	29.08	16.42	3.15	1.30
30.0	94.08	82.11	70.60	56.63	42.05	29.39	16.11	5.29	1.76
60.0	77.04	64.84	52.80	38.29	26.78	15.42	6.06	3.38	1.76
90.0	67.99	56.79	44.28	33.61	23.33	13.66	5.68	3.68	1.84
120.0	75.13	63.77	51.80	37.45	26.01	14.73	5.68	3.30	1.61
150.0	89.40	77.43	65.69	51.87	38.98	26.86	14.35	4.60	1.61
180.0	80.04	69.91	60.39	50.95	40.13	29.47	16.81	4.07	1.46
210.0	83.72	71.44	58.09	43.66	32.31	19.41	8.21	2.15	0.84
240.0	68.99	57.32	43.20	31.16	19.80	9.75	3.91	2.30	0.77
270.0	58.55	45.04	34.30	24.25	14.12	5.60	3.84	2.15	0.54
300.0	69.14	57.55	44.05	31.31	19.88	9.82	3.99	2.38	0.84
330.0	83.80	71.67	58.63	44.05	32.77	19.88	8.67	2.15	0.92
360.0	80.11	70.52	60.85	51.64	40.36	29.08	16.42	3.15	1.30

C/γ(°)	90.0
0.0	0.23
30.0	0.38
60.0	0.31
90.0	0.31
120.0	0.31
150.0	0.31
180.0	0.31
210.0	0.23
240.0	0.23
270.0	0.23
300.0	0.15
330.0	0.31
360.0	0.23