

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(45-CL-32RGBWN-C, CT)

报告编号:

电压(V): 35.8000

测试编号: 20210303014

电流(A): 1.5060

光源规格型号: CL

功率(W): 53.9000

每个光源光通量(lm)

功率因数: 1.0350

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): 2660.82

灯具效能(lm/w): 49.37

中心光强(cd): 2697.327

最大光强(cd): 2758.717

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=50.7

[C90/270]Total=49.5

光束扩散角(10%Imax): [C0/180]Total=104.0

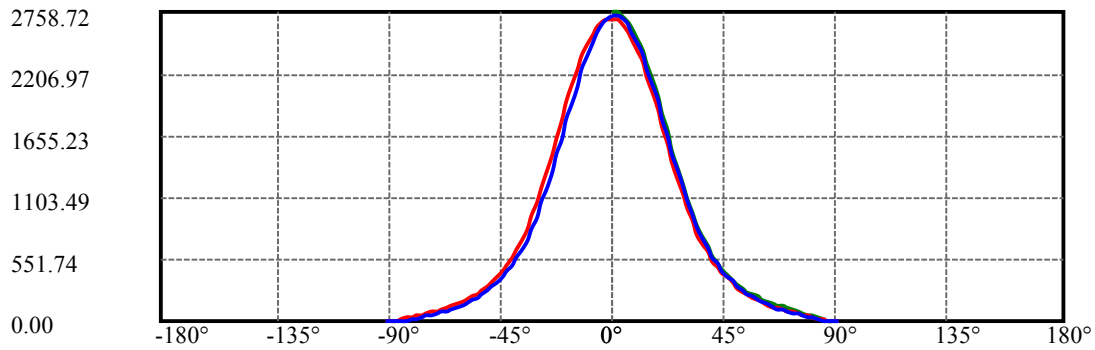
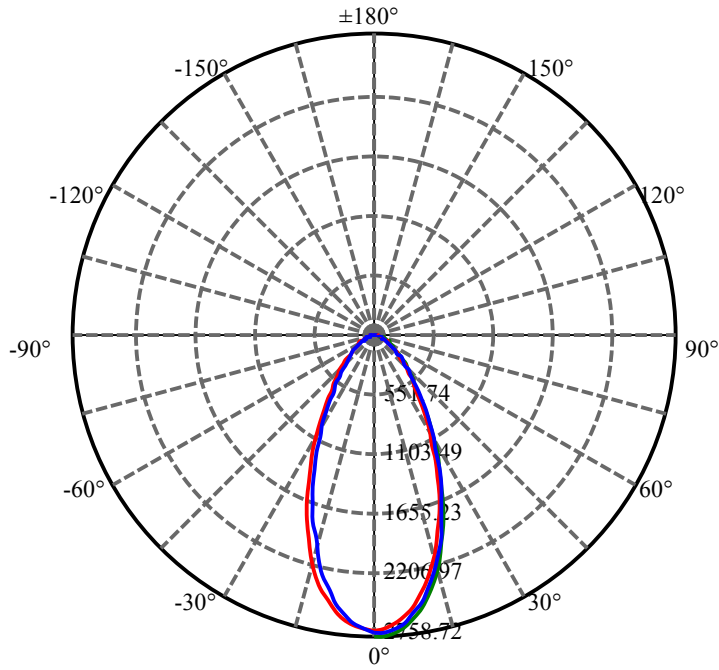
[C90/270]Total=102.0

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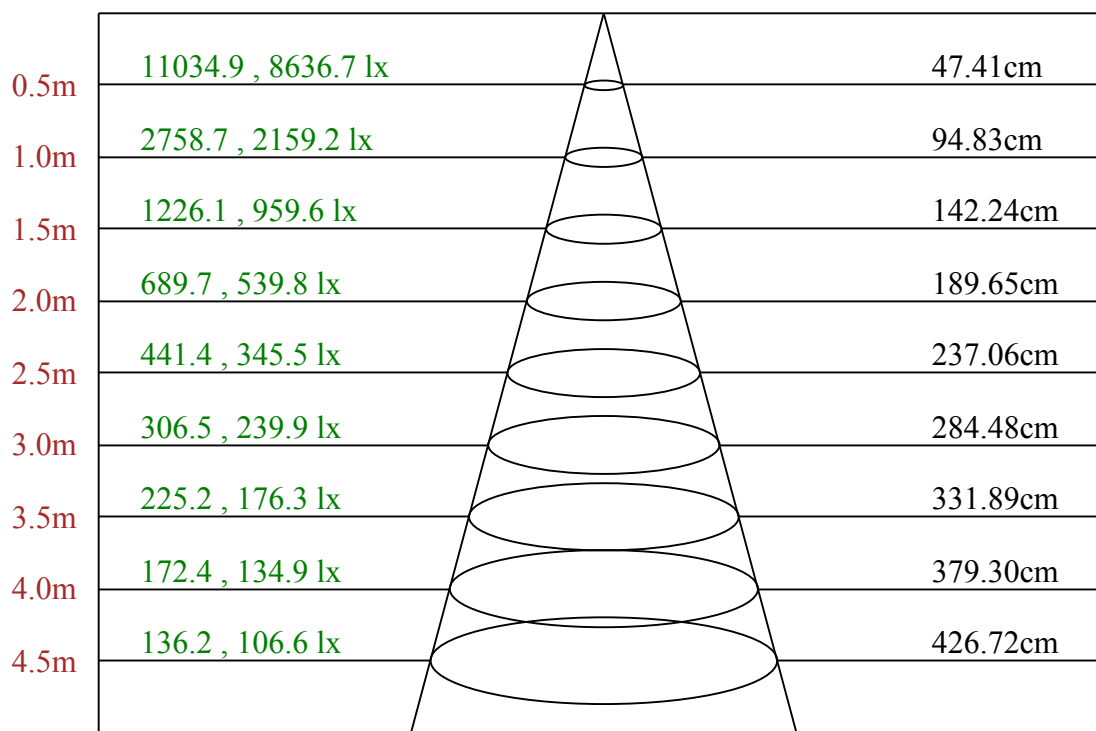
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/3  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

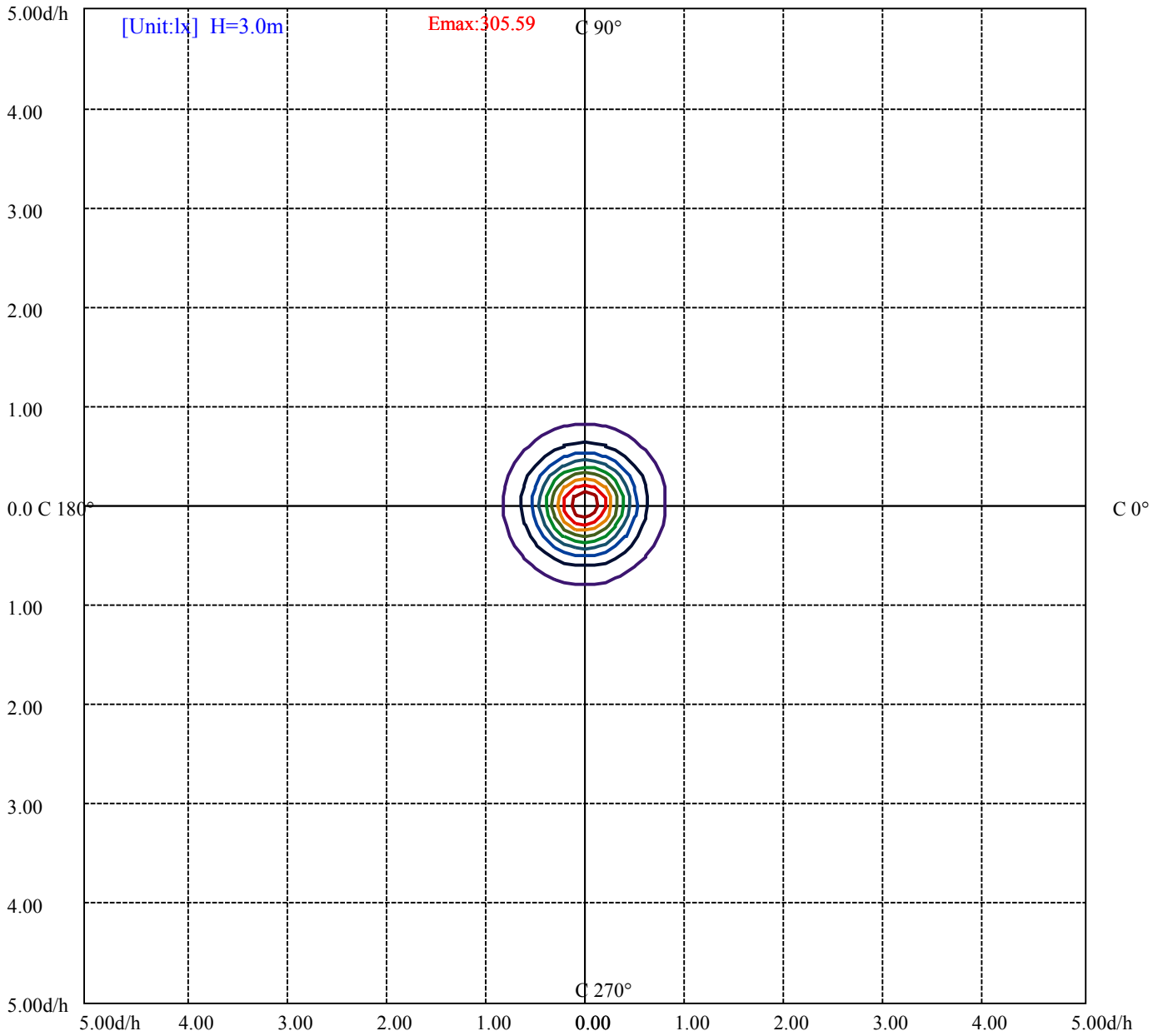


C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C30面光束角50.73

ROLED 投光灯  
平面等照度曲线



- (10%Emax) 30.55856
- (20%Emax) 61.11722
- (30%Emax) 91.67577
- (40%Emax) 122.2344
- (50%Emax) 152.7933
- (60%Emax) 183.3511
- (70%Emax) 213.91
- (80%Emax) 244.4689
- (90%Emax) 275.0278

测试设备: GMS1800  
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环境湿度(%): 60.0%

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

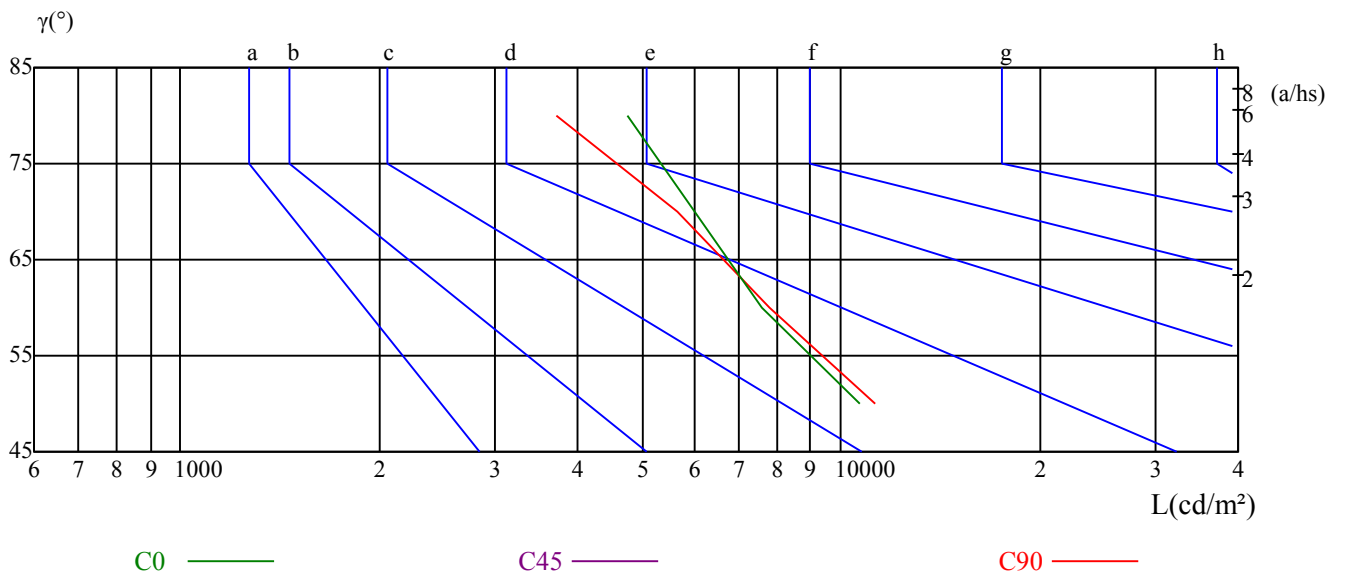
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	10714	0	7613	0	6004	0	4746	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11242	0	7795	0	5661	0	3703	0

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	13.77	15.04	14.14	15.35	15.67	14.18	15.45	14.55	15.76	16.08
	3H	14.87	15.99	15.25	16.32	16.69	15.44	16.57	15.82	16.90	17.27
	4H	15.19	16.24	15.60	16.60	16.98	15.91	16.96	16.31	17.31	17.69
	6H	15.33	16.29	15.75	16.66	17.06	16.21	17.18	16.63	17.55	17.94
	8H	15.33	16.24	15.76	16.64	17.04	16.28	17.19	16.71	17.58	17.99
	12H	15.32	16.20	15.76	16.58	17.01	16.33	17.20	16.76	17.58	18.01
4H	2H	14.29	15.34	14.69	15.69	16.08	14.62	15.67	15.02	16.02	16.41
	3H	15.62	16.48	16.03	16.88	17.29	16.17	17.03	16.58	17.43	17.84
	4H	16.04	16.81	16.48	17.23	17.68	16.76	17.53	17.20	17.95	18.39
	6H	16.21	16.87	16.67	17.32	17.79	17.09	17.76	17.56	18.21	18.67
	8H	16.22	16.84	16.69	17.29	17.76	17.18	17.80	17.66	18.25	18.72
	12H	16.21	16.76	16.70	17.24	17.71	17.23	17.78	17.72	18.26	18.74
8H	4H	16.27	16.89	16.74	17.34	17.81	16.92	17.54	17.39	17.98	18.46
	6H	16.50	17.00	17.00	17.50	17.98	17.35	17.85	17.85	18.35	18.83
	8H	16.53	16.98	17.06	17.50	17.99	17.49	17.93	18.01	18.45	18.94
	12H	17.13	17.53	17.65	18.02	18.59	18.10	18.49	18.62	18.99	19.56
12H	4H	16.27	16.82	16.76	17.30	17.78	16.89	17.44	17.38	17.92	18.40
	6H	17.06	16.97	17.05	17.43	17.98	17.89	17.79	17.87	18.26	18.80
	8H	16.58	16.97	17.09	17.46	18.04	17.50	17.89	18.02	18.39	18.96
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.9					0.5/-0.8					
S = 1.5H	1.1/-1.4					1.1/-1.3					
S = 2.0H	2.8/-1.9					2.3/-1.7					
标准表格	BK3					BK3					
更正系数	3.2					3.4					

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	2697.33	2682.75	2647.45	2592.20	2519.30	2416.47	2309.03	2180.12	2041.22
30.0	2758.72	2754.88	2729.56	2681.21	2615.22	2526.20	2415.70	2289.85	2155.56
60.0	2741.83	2736.46	2708.07	2655.89	2579.92	2483.23	2374.26	2245.34	2108.75
90.0	2724.18	2724.95	2698.86	2649.75	2577.62	2487.07	2373.49	2246.11	2112.59
120.0	2713.44	2711.14	2683.51	2635.17	2562.27	2472.49	2361.98	2236.13	2094.17
150.0	2703.47	2704.23	2681.21	2636.70	2572.24	2491.67	2386.54	2266.06	2135.61
180.0	2697.33	2691.96	2667.40	2620.59	2552.29	2464.04	2362.75	2238.44	2104.14
210.0	2758.72	2738.00	2698.86	2636.70	2551.53	2447.16	2332.06	2192.39	2042.75
240.0	2741.83	2720.35	2678.14	2611.38	2522.36	2411.10	2293.69	2154.02	1999.78
270.0	2724.18	2698.09	2647.45	2575.31	2478.62	2368.12	2239.97	2094.94	1942.23
300.0	2713.44	2690.42	2645.91	2578.38	2487.83	2381.94	2259.15	2120.26	1966.78
330.0	2703.47	2680.44	2635.94	2570.71	2487.83	2381.94	2261.46	2130.24	1982.13
360.0	2697.33	2682.75	2647.45	2592.20	2519.30	2416.47	2309.03	2180.12	2041.22
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1889.28	1732.74	1576.96	1414.27	1272.31	1127.28	1005.26	887.85	778.89
30.0	2003.62	1844.77	1690.53	1527.85	1371.30	1221.66	1088.91	962.29	853.32
60.0	1957.58	1801.03	1639.12	1497.46	1343.14	1195.88	1067.50	943.11	830.68
90.0	1962.18	1807.17	1648.32	1497.15	1346.74	1201.71	1072.02	948.48	835.67
120.0	1946.07	1797.19	1636.81	1496.00	1342.22	1194.96	1059.98	941.57	828.77
150.0	1986.74	1838.63	1678.25	1517.10	1362.09	1213.22	1081.23	954.62	846.42
180.0	1954.51	1795.66	1632.98	1490.09	1334.24	1186.36	1057.90	934.05	822.17
210.0	1893.88	1728.13	1526.54	1423.25	1267.32	1125.05	1002.19	881.79	777.43
240.0	1850.91	1691.30	1535.52	1372.84	1232.41	1089.67	971.50	857.93	752.80
270.0	1793.36	1630.67	1488.17	1336.85	1188.90	1060.36	932.13	824.09	725.25
300.0	1820.98	1660.60	1507.89	1355.19	1207.85	1067.42	950.01	837.21	734.38
330.0	1836.33	1674.41	1522.93	1376.06	1224.58	1085.76	959.76	848.72	747.42
360.0	1889.28	1732.74	1576.96	1414.27	1272.31	1127.28	1005.26	887.85	778.89
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	691.41	608.53	534.86	472.70	422.06	387.52	334.58	297.51	263.90
30.0	751.26	661.48	587.04	517.98	458.89	408.24	367.04	327.59	295.21
60.0	732.00	648.97	571.77	508.69	450.45	399.65	355.53	318.69	284.54
90.0	735.15	650.73	572.46	508.00	447.38	395.20	352.99	312.17	276.18
120.0	729.93	646.59	569.32	503.01	445.08	397.12	353.15	316.62	282.78
150.0	744.35	656.11	580.90	513.37	453.52	403.64	362.20	323.07	290.84
180.0	724.10	641.30	564.17	497.95	442.93	391.52	346.93	307.79	274.64
210.0	690.64	607.22	537.01	476.00	423.67	377.47	337.19	302.19	271.11
240.0	667.62	588.58	517.98	459.66	409.78	363.81	325.98	290.45	258.53
270.0	642.37	563.10	496.19	440.63	387.52	342.71	303.04	268.12	236.89
300.0	651.50	573.23	508.00	446.61	399.04	354.91	318.46	284.31	253.54
330.0	663.24	582.98	515.29	456.82	406.86	362.82	324.60	291.68	262.37
360.0	691.41	608.53	534.86	472.70	422.06	387.52	334.58	297.51	263.90
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	234.82	209.49	185.24	164.45	145.57	127.54	112.96	99.91	88.71
30.0	265.13	238.81	215.71	195.91	177.19	160.23	144.80	128.84	113.73
60.0	254.77	229.45	205.58	184.63	166.60	148.72	130.91	114.88	101.14
90.0	243.87	216.78	191.15	168.36	145.65	126.00	109.81	96.46	83.64
120.0	253.23	226.91	204.35	183.63	164.99	148.10	130.53	114.65	101.06
150.0	260.98	234.97	212.03	192.38	173.96	157.16	141.96	126.08	111.12
180.0	243.33	216.86	191.61	169.21	149.56	130.53	114.57	100.99	89.17
210.0	245.33	220.24	198.75	179.18	161.61	145.03	128.54	113.03	98.45
240.0	231.29	206.50	185.47	166.37	148.33	129.69	113.65	98.68	84.03
270.0	210.26	183.71	159.46	137.36	119.40	104.21	90.47	78.58	67.30
300.0	228.45	204.58	183.25	164.45	147.11	128.92	113.11	99.07	83.80
330.0	237.96	214.17	193.61	175.12	158.54	142.89	127.15	112.04	97.92
360.0	234.82	209.49	185.24	164.45	145.57	127.54	112.96	99.91	88.71

# 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	78.27	67.22	56.79	46.89	35.61	24.63	13.12	3.07	1.15
30.0	99.14	85.87	72.67	57.94	43.43	29.93	16.73	6.22	2.00
60.0	86.18	73.51	59.63	44.58	31.69	19.34	8.98	4.14	2.23
90.0	72.44	61.31	48.96	38.37	27.78	16.88	7.52	4.60	2.53
120.0	86.18	72.82	59.47	44.28	31.16	19.18	8.90	4.07	2.15
150.0	97.46	83.34	70.37	55.86	41.13	28.24	15.42	5.60	1.84
180.0	78.27	67.38	56.86	46.66	36.07	25.78	14.35	4.07	1.46
210.0	84.18	70.52	56.56	42.21	29.31	17.42	6.83	2.07	0.61
240.0	71.21	57.86	43.59	31.16	18.49	8.29	3.91	2.23	0.54
270.0	56.10	42.97	33.46	22.64	12.58	5.68	3.68	1.84	0.23
300.0	70.98	57.48	43.28	31.00	18.80	7.83	3.84	2.23	0.46
330.0	84.10	70.60	57.48	42.59	29.62	17.50	6.68	2.07	0.69
360.0	78.27	67.22	56.79	46.89	35.61	24.63	13.12	3.07	1.15

C/γ(°)	90.0
0.0	0.23
30.0	0.46
60.0	0.54
90.0	0.69
120.0	0.61
150.0	0.46
180.0	0.23
210.0	0.23
240.0	0.23
270.0	0.15
300.0	0.23
330.0	0.23
360.0	0.23