

浙大三色

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## ROLED

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灯具名称: 投光灯

灯具描述: F3084A-30-UN-RC-Y(15-XL-30RGBWN-AJ,L715mm,B,CT)

报告编号:

电压(V): 201.4000

测试编号: 20210227003

电流(A): 0.6640

光源规格型号: XL

功率(W): 132.8000

每个光源光通量(lm)

功率因数: 0.9920

光源数量: 30

镇流器型号:

发光面长度(mm): 650

发光面宽度(mm): 105

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): 6904.04

灯具效能(lm/w): 51.99

中心光强(cd): 57837.130

最大光强(cd): 60192.980

最大光强角度: C=30.0  $\gamma$ =0.0

半峰边角(50%Imax): [C0/180]Total=15.7

[C90/270]Total=15.5

光束扩散角(10%Imax): [C0/180]Total=30.0

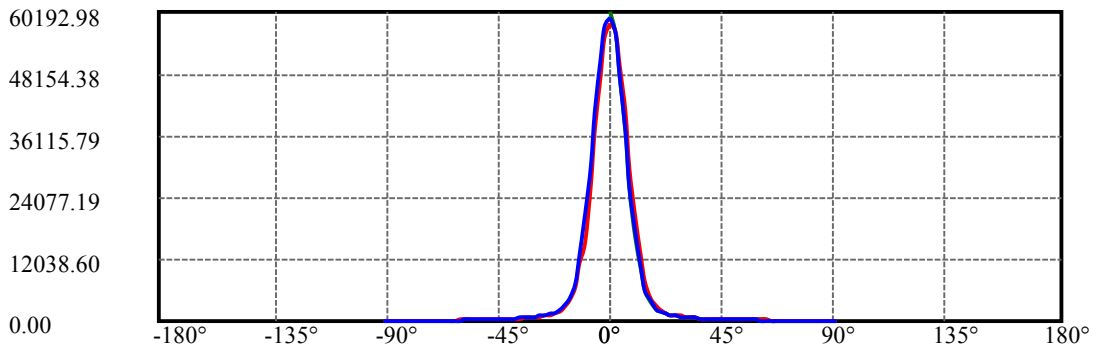
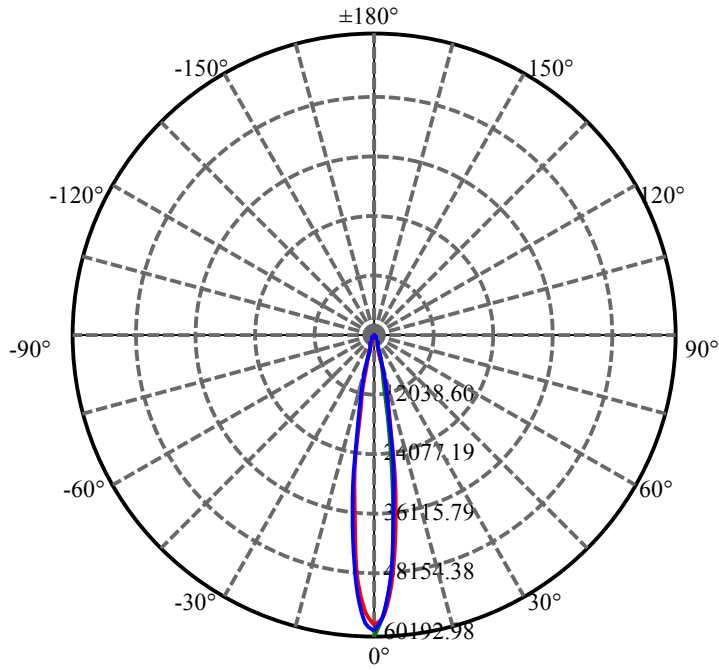
[C90/270]Total=29.1

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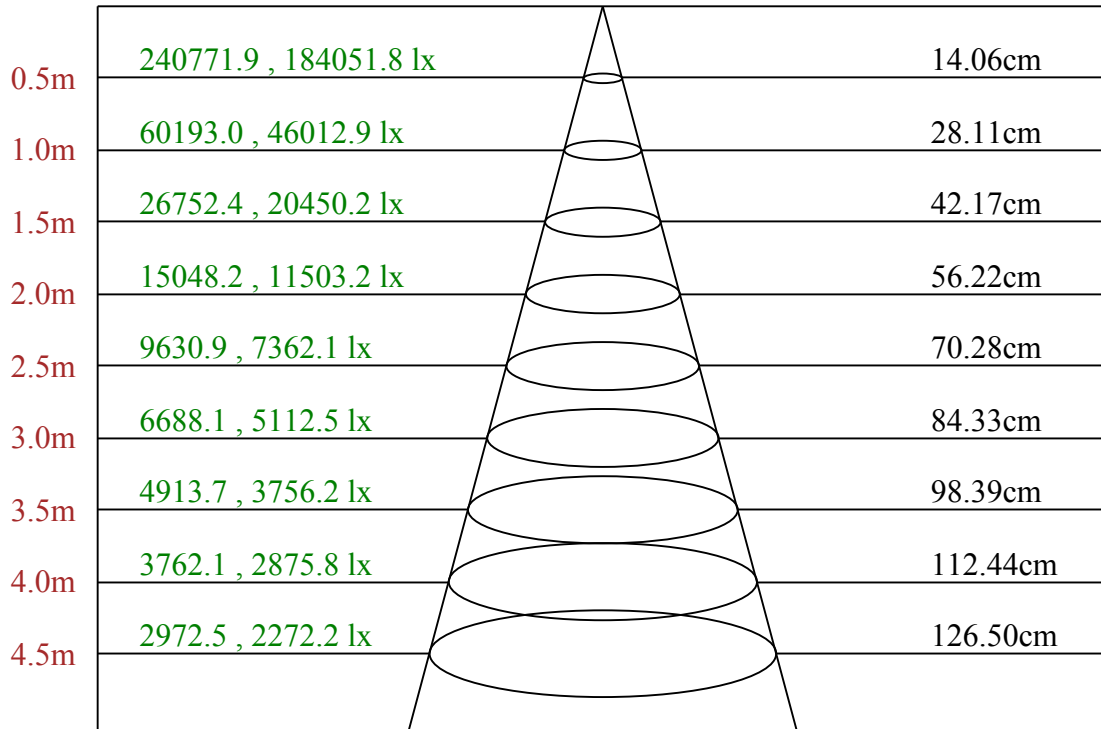
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/2/27  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

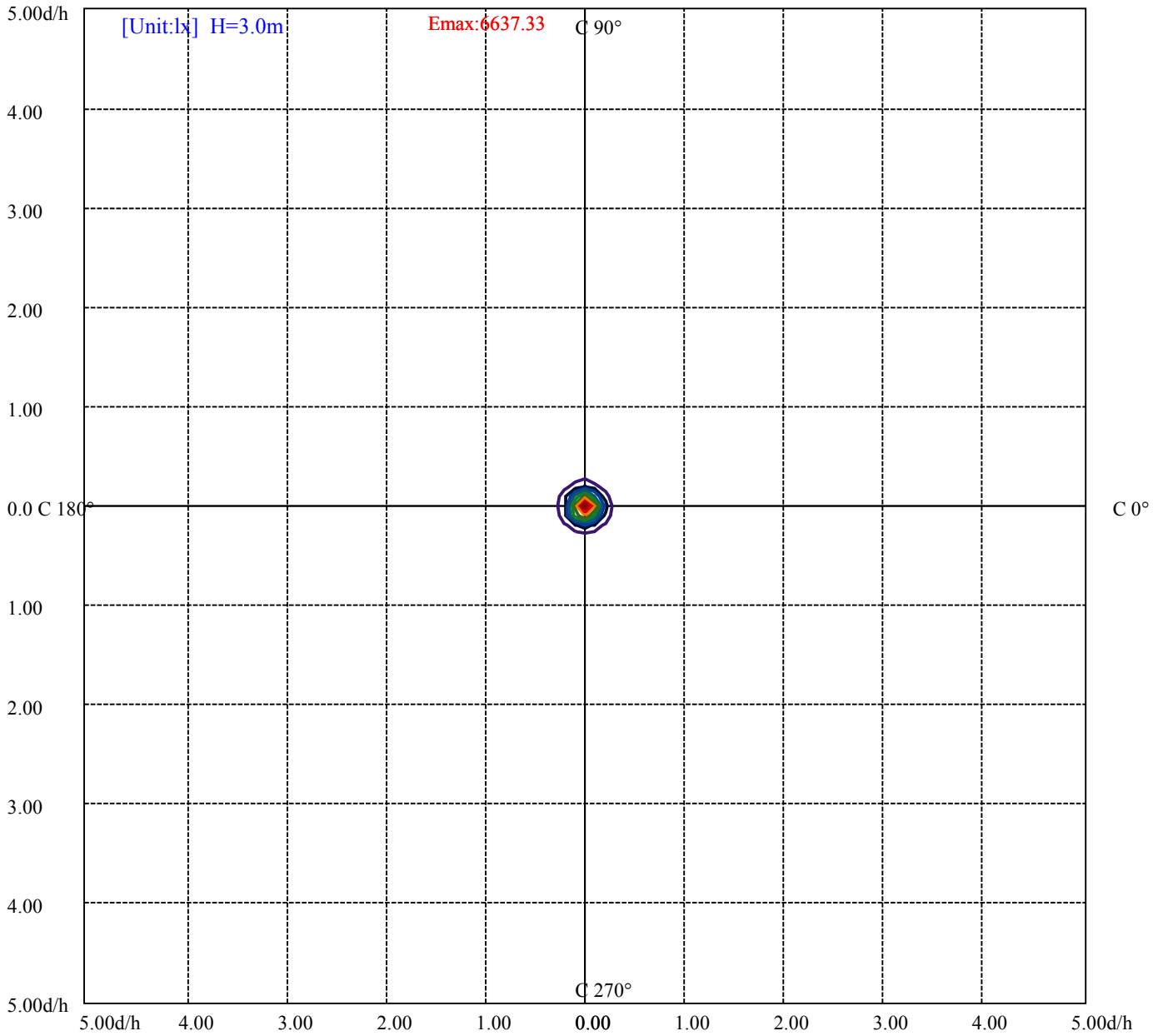


C30(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave    C30面光束角16.00

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平面等照度曲线



- (10%Emax) 663.7322
- (20%Emax) 1327.467
- (30%Emax) 1991.2
- (40%Emax) 2654.933
- (50%Emax) 3318.667
- (60%Emax) 3982.4
- (70%Emax) 4646.133
- (80%Emax) 5309.867
- (90%Emax) 5973.6

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

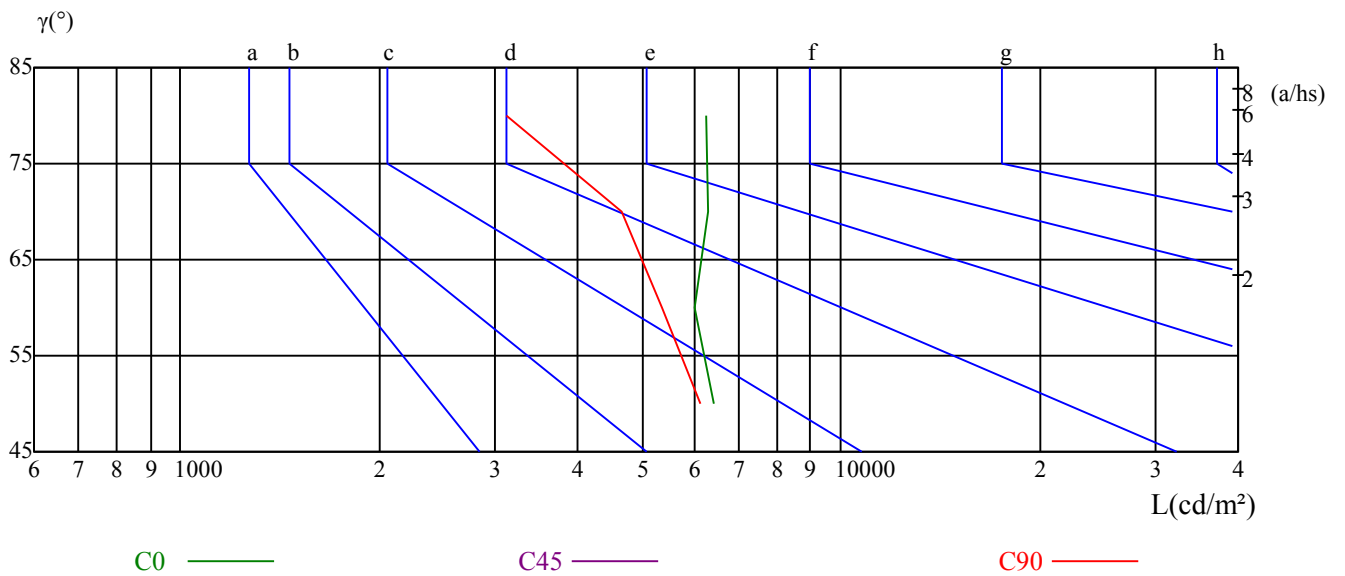
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	6425	0	6006	0	6315	0	6255	0
C45	0	0	0	0	0	0	0	0	0
C90	0	6140	0	5359	0	4652	0	3108	0

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: 2021/2/27  
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	6.31	7.35	6.68	7.66	7.97	6.67	7.71	7.04	8.02	8.33
	3H	7.85	8.77	8.24	9.10	9.47	8.80	9.71	9.18	10.04	10.41
	4H	8.43	9.28	8.84	9.64	10.02	9.61	10.46	10.02	10.81	11.20
	6H	8.73	9.50	9.15	9.88	10.28	10.20	10.98	10.62	11.35	11.75
	8H	8.77	9.50	9.21	9.90	10.31	10.40	11.13	10.83	11.52	11.93
	12H	8.81	9.51	9.25	9.90	10.33	10.64	11.34	11.08	11.72	12.15
4H	2H	6.94	7.79	7.34	8.14	8.53	7.22	8.06	7.62	8.42	8.81
	3H	8.67	9.36	9.08	9.77	10.18	9.62	10.31	10.03	10.72	11.13
	4H	9.34	9.96	9.78	10.39	10.83	10.52	11.15	10.96	11.57	12.02
	6H	9.65	10.19	10.12	10.64	11.11	11.09	11.63	11.56	12.08	12.55
	8H	9.72	10.22	10.20	10.67	11.14	11.33	11.82	11.80	12.27	12.75
	12H	9.76	10.19	10.25	10.68	11.16	11.57	12.00	12.06	12.49	12.97
8H	4H	9.65	10.15	10.13	10.60	11.07	10.68	11.18	11.16	11.63	12.10
	6H	10.06	10.45	10.57	10.96	11.44	11.36	11.75	11.87	12.26	12.74
	8H	10.17	10.52	10.71	11.04	11.54	11.66	12.01	12.19	12.53	13.03
	12H	10.75	11.05	11.27	11.55	12.13	12.38	12.68	12.90	13.18	13.76
12H	4H	9.66	10.09	10.15	10.57	11.05	10.65	11.08	11.14	11.57	12.05
	6H	10.41	10.45	10.63	10.92	11.47	11.66	11.70	11.89	12.17	12.72
	8H	10.25	10.55	10.77	11.05	11.63	11.69	11.99	12.21	12.49	13.07
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.5					0.2/-0.6					
S = 1.5H	0.8/-0.8					0.7/-0.7					
S = 2.0H	1.4/-0.9					0.7/-0.7					
标准表格	BK3					BK3					
更正系数	-1.6					-0.6					

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光强数据表(cd)

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C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	57837.13	56041.47	49787.35	40786.03	29881.62	20673.11	12830.53	7796.54	4634.95
30.0	60192.97	55757.54	47654.05	36780.33	25668.73	16483.24	10114.02	5809.04	3898.27
60.0	59279.80	54660.19	45252.16	34846.54	24302.80	14925.46	9048.90	5386.21	3342.69
90.0	59064.93	55634.76	47462.21	36926.13	26267.28	17457.80	10351.90	5862.75	3936.64
120.0	58619.85	55066.90	46886.67	36166.43	26213.56	15180.23	10618.18	6139.01	3681.87
150.0	58335.92	56003.10	48920.22	38629.71	28377.56	19153.70	11994.09	7205.66	4243.59
180.0	57837.13	54921.10	47538.94	37064.26	26505.17	15234.72	11074.00	6702.26	3959.66
210.0	60192.97	59187.71	53601.21	43863.21	33265.75	22860.13	14227.15	8363.63	4964.92
240.0	59279.80	58773.33	52994.99	44085.75	33112.27	23328.23	14303.89	8433.46	4903.53
270.0	59064.93	57253.92	50877.03	40878.12	30134.86	20818.91	12782.18	7508.01	4489.92
300.0	58619.85	57115.80	50784.94	41092.98	30725.74	21110.51	13390.71	7888.63	4857.49
330.0	58335.92	55926.36	48973.94	38905.96	28822.64	19552.74	12152.93	7428.97	4461.52
360.0	57837.13	56041.47	49787.35	40786.03	29881.62	20673.11	12830.53	7796.54	4634.95
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2976.65	2058.87	1585.40	1300.70	1089.67	941.57	817.26	713.66	626.95
30.0	2349.71	1743.48	1389.72	1142.62	973.80	839.51	741.29	657.64	588.58
60.0	2522.36	1853.98	1352.27	1117.91	948.78	827.62	727.93	648.97	579.75
90.0	2410.33	1814.08	1426.55	1189.43	1005.26	869.44	757.40	671.45	598.55
120.0	2454.84	1847.07	1473.13	1230.41	1048.62	907.50	793.70	699.23	622.11
150.0	2774.83	1978.30	1538.59	1259.26	1074.33	925.46	810.35	718.26	633.85
180.0	2556.13	1864.72	1493.31	1229.41	1048.24	910.95	791.32	689.79	603.31
210.0	3065.67	2165.54	1688.23	1366.31	1141.86	981.93	847.41	744.74	665.39
240.0	3172.33	2216.95	1708.18	1394.32	1154.90	990.68	850.25	748.19	666.08
270.0	2953.63	2121.79	1669.04	1363.01	1145.16	978.63	847.80	741.29	653.88
300.0	3122.45	2229.99	1713.55	1386.65	1159.51	1005.26	874.81	762.00	676.83
330.0	2855.41	2078.05	1523.78	1324.26	1112.93	959.22	835.21	740.44	655.34
360.0	2976.65	2058.87	1585.40	1300.70	1089.67	941.57	817.26	713.66	626.95
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	554.05	487.28	434.33	390.59	357.90	328.59	303.04	281.86	262.75
30.0	526.42	467.33	415.92	382.00	343.25	315.24	293.37	273.26	256.00
60.0	516.44	458.35	409.01	370.57	339.41	312.32	289.45	270.42	253.31
90.0	526.42	465.03	413.62	380.62	340.25	313.47	289.68	269.35	251.55
120.0	545.76	483.29	430.80	388.45	350.84	323.07	298.05	277.25	259.53
150.0	556.35	491.12	430.50	388.29	350.77	318.31	292.83	274.49	255.92
180.0	528.88	463.42	412.85	371.10	338.49	311.32	286.61	265.44	244.79
210.0	589.81	524.12	460.27	410.24	368.34	334.58	307.72	284.47	265.74
240.0	593.18	521.82	461.96	412.08	369.80	334.42	303.88	279.40	258.61
270.0	573.69	501.56	441.01	383.07	347.08	316.77	291.45	268.97	247.02
300.0	593.95	515.68	454.29	405.94	366.58	335.11	306.18	280.78	260.91
330.0	576.30	509.69	448.22	398.58	360.90	329.66	302.35	280.40	262.52
360.0	554.05	487.28	434.33	390.59	357.90	328.59	303.04	281.86	262.75
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	244.49	229.52	217.17	204.97	193.46	183.17	171.59	159.61	147.41
30.0	241.49	229.37	217.09	205.58	194.99	184.02	173.50	161.69	150.18
60.0	238.81	225.07	210.72	192.46	174.96	158.85	143.58	129.84	115.34
90.0	235.51	216.40	198.14	182.87	167.52	152.55	138.59	123.47	108.58
120.0	242.72	228.68	212.95	194.91	176.11	160.69	145.57	130.91	114.80
150.0	237.58	222.08	208.34	197.45	185.55	176.65	166.14	158.16	148.56
180.0	228.91	215.25	203.12	191.15	180.41	169.59	157.93	146.49	134.29
210.0	248.32	233.59	220.31	208.27	196.45	185.01	173.81	162.22	149.64
240.0	240.50	224.30	206.12	186.86	169.97	155.62	140.97	127.77	114.26
270.0	225.61	206.81	190.69	174.73	160.54	146.03	131.22	118.02	104.36
300.0	241.65	225.30	206.58	187.93	170.74	155.55	141.58	127.92	114.65
330.0	245.79	232.82	219.39	207.27	195.68	185.24	173.58	162.76	151.48
360.0	244.49	229.52	217.17	204.97	193.46	183.17	171.59	159.61	147.41

# ROLED 投光灯

## 光强数据表(cd)

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C/γ(°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	134.90	121.17	107.66	91.93	74.13	58.24	42.67	27.24	12.97
30.0	134.44	112.04	86.33	67.30	50.80	36.30	26.01	8.67	3.53
60.0	100.99	84.56	71.67	62.39	39.29	22.41	17.27	7.37	4.53
90.0	94.00	81.65	72.75	57.09	36.83	22.87	18.11	7.37	5.14
120.0	96.77	80.57	69.98	60.55	40.36	22.25	16.81	7.44	4.37
150.0	132.45	110.96	85.10	67.61	49.34	36.60	26.55	8.13	3.45
180.0	121.55	107.13	92.93	76.28	61.01	46.12	32.92	18.26	5.06
210.0	131.07	108.66	87.02	70.45	54.33	40.29	30.70	9.29	4.22
240.0	100.14	86.18	74.51	65.53	42.36	23.94	15.12	8.13	3.91
270.0	91.39	79.73	72.06	48.73	31.54	19.03	14.50	5.37	3.76
300.0	100.53	86.64	73.98	65.00	41.44	22.56	14.27	7.60	3.76
330.0	131.76	106.28	84.18	67.22	50.95	37.68	28.24	7.90	3.53
360.0	134.90	121.17	107.66	91.93	74.13	58.24	42.67	27.24	12.97
C/γ(°)	90.0								
0.0	1.23								
30.0	0.54								
60.0	0.54								
90.0	0.77								
120.0	0.69								
150.0	0.61								
180.0	0.77								
210.0	1.30								
240.0	0.84								
270.0	0.77								
300.0	0.92								
330.0	1.23								
360.0	1.23								