

乐雷光电（中国）有限公司  
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灯具名称: 投光灯  
灯具描述: F1026C-15-UN(4-LZ-15WN-AJ.CT)  
报告编号: 电压(V): 218.2000  
测试编号: 20190619001 电流(A): 0.2480  
光源规格型号: LZ 功率(W): 51.1000  
每个光源光通量(lm) 功率因数: 0.9440  
光源数量: 15 镇流器型号: "  
发光面长度(mm): 210 发光面宽度 (mm): 210  
测试模式: C 发光面高度(mm): 0

### 光度结果

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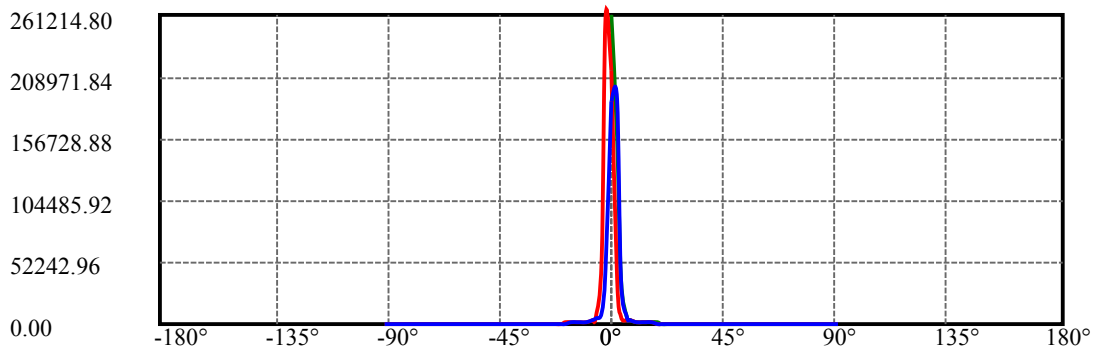
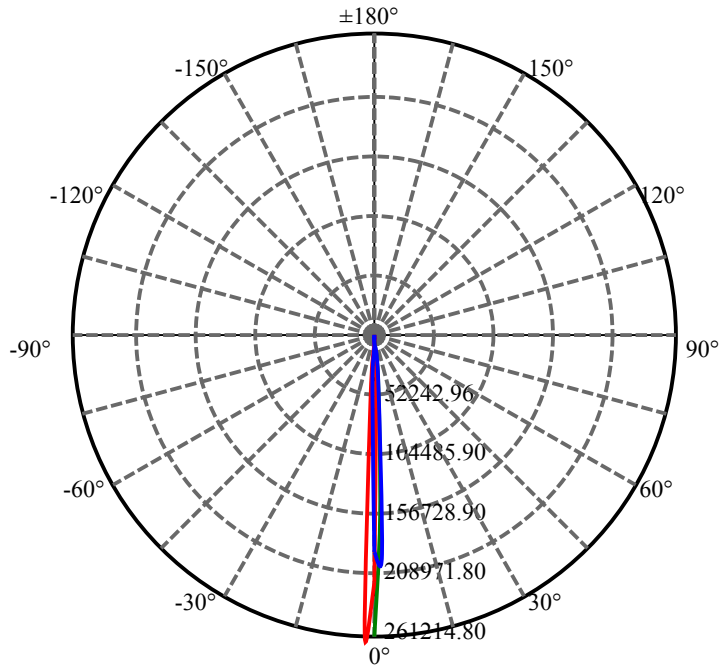
灯具光通量(lm): 2564.87  
灯具效能(lm/w): 50.19  
中心光强(cd): 214481.600  
最大光强(cd): 261214.800  
最大光强角度:  $C=30.0 \gamma=0.0$   
半峰边角(50%Imax): [C0/180]Total=4.3  
                                  [C90/270]Total=4.6  
光束扩散角(10%Imax): [C0/180]Total=8.0  
                                  [C90/270]Total=8.7

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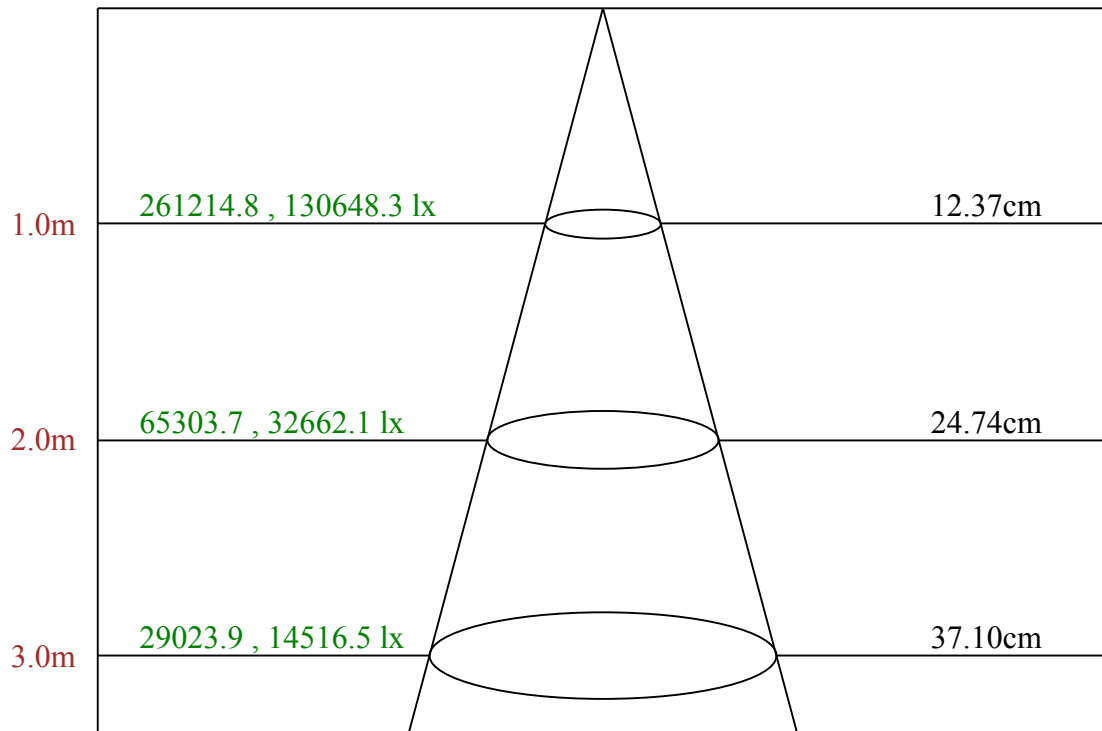
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2019/6/19  
环境湿度(%): 60.0%

测试人员: 2579  
测试距离(m): 8.76



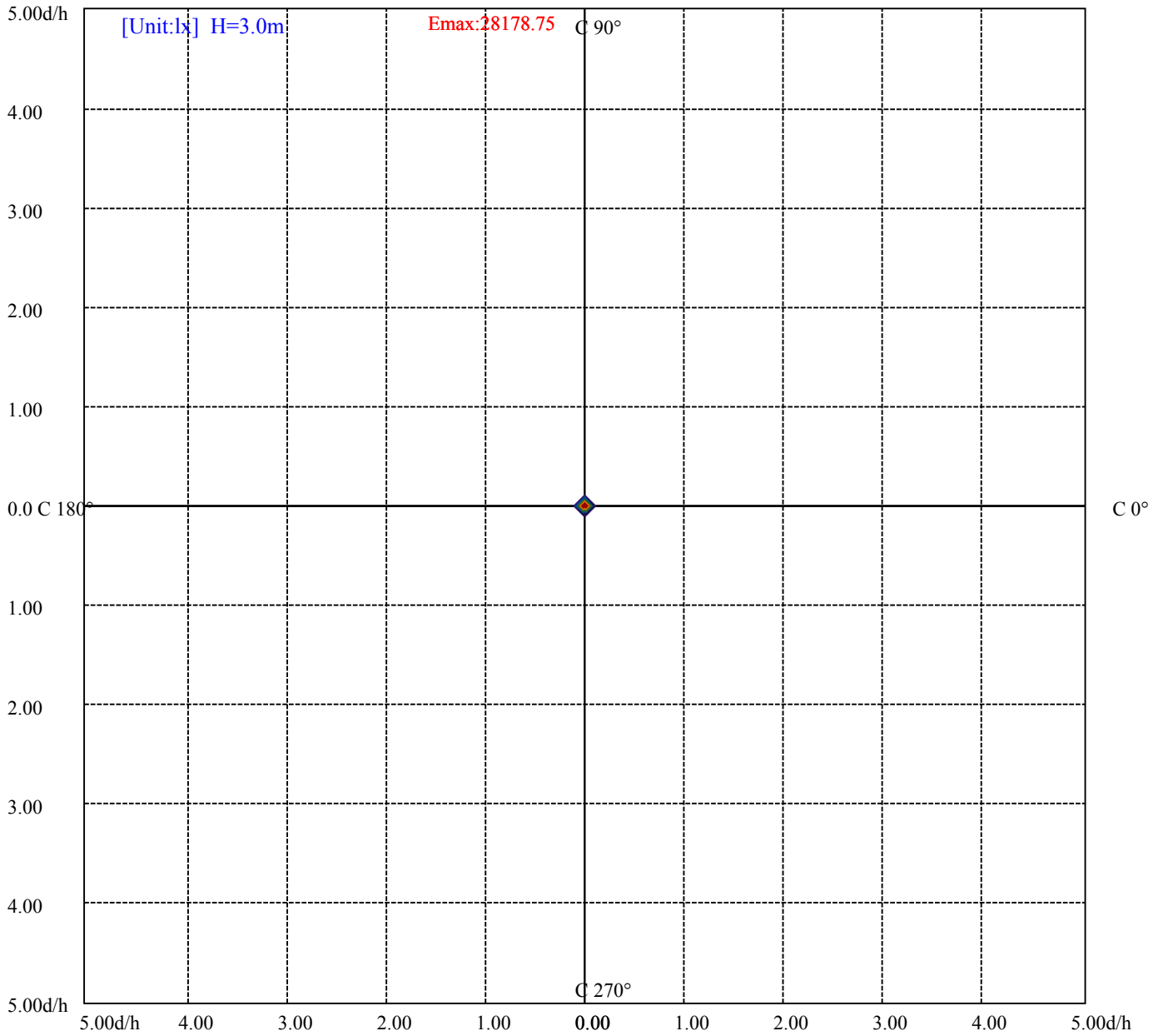
C30(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C30面光束角7.08

# 投光灯

## 平面等照度曲线



- (10%Emax) 2817.867
- (20%Emax) 5635.733
- (30%Emax) 8453.611
- (40%Emax) 11271.44
- (50%Emax) 14089.33
- (60%Emax) 16907.22
- (70%Emax) 19725.11
- (80%Emax) 22543
- (90%Emax) 25360.78

测试设备: GMS-1800  
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测试人员: 2579  
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# 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

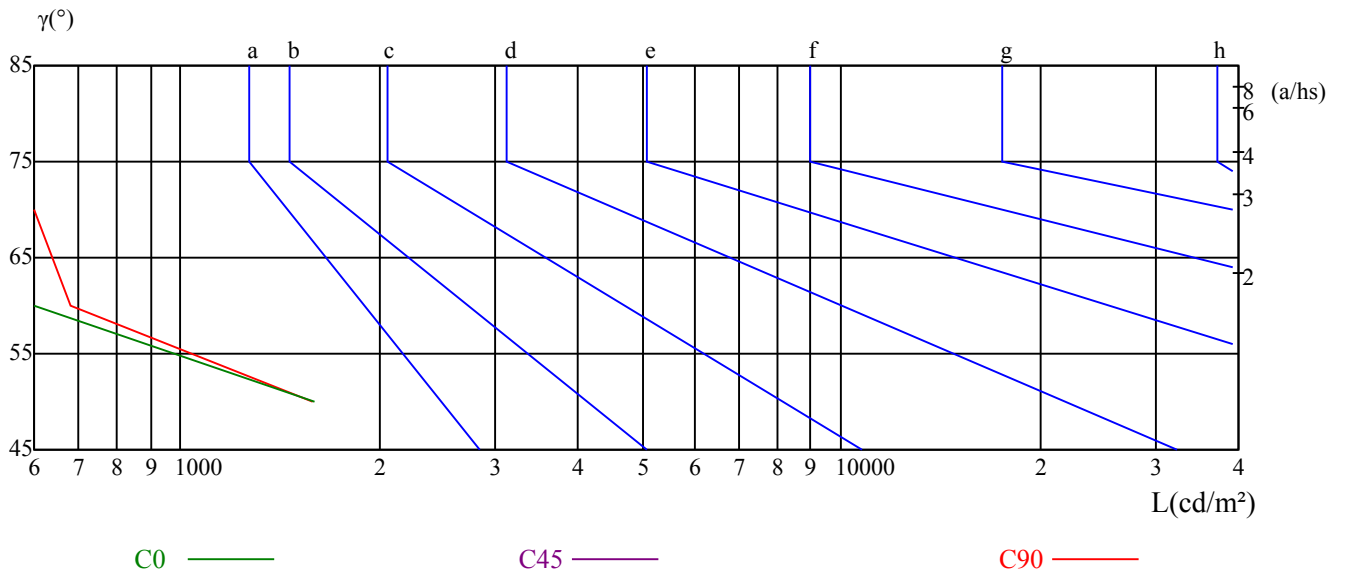
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	1592	0	498	0	188	0	80	0
C45	0	0	0	0	0	0	0	0	0
C90	0	1581	0	682	0	193	0	230	0

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



测试设备: GMS-1800  
环境温度( $^{\circ}\text{C}$ ): 25.0

测试日期: 2019/6/19  
环境湿度(%): 60.0%

测试人员: 2579  
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	-1.87	-0.94	-1.50	-0.63	-0.32	-1.85	-0.93	-1.49	-0.62	-0.30
	3H	-1.85	-1.04	-1.47	-0.70	-0.33	-1.84	-1.03	-1.46	-0.69	-0.32
	4H	-1.85	-1.10	-1.45	-0.75	-0.36	-1.86	-1.10	-1.45	-0.75	-0.36
	6H	-1.88	-1.19	-1.46	-0.82	-0.42	-1.91	-1.23	-1.49	-0.85	-0.46
	8H	-1.91	-1.27	-1.47	-0.87	-0.46	-1.96	-1.32	-1.52	-0.93	-0.51
	12H	-1.95	-1.34	-1.51	-0.95	-0.52	-2.01	-1.40	-1.57	-1.01	-0.58
4H	2H	-2.06	-1.31	-1.65	-0.96	-0.57	-2.05	-1.30	-1.64	-0.94	-0.55
	3H	-1.99	-1.38	-1.58	-0.97	-0.57	-1.97	-1.36	-1.55	-0.95	-0.54
	4H	-1.98	-1.43	-1.54	-1.01	-0.56	-1.95	-1.40	-1.51	-0.98	-0.53
	6H	-1.98	-1.52	-1.51	-1.07	-0.59	-1.98	-1.51	-1.50	-1.06	-0.59
	8H	-2.01	-1.58	-1.53	-1.13	-0.65	-2.02	-1.59	-1.55	-1.14	-0.67
	12H	-2.05	-1.68	-1.56	-1.19	-0.71	-2.07	-1.70	-1.58	-1.21	-0.74
8H	4H	-2.09	-1.66	-1.62	-1.21	-0.74	-2.06	-1.63	-1.58	-1.18	-0.70
	6H	-2.09	-1.75	-1.57	-1.24	-0.76	-2.06	-1.72	-1.54	-1.21	-0.73
	8H	-2.10	-1.80	-1.57	-1.28	-0.78	-2.09	-1.79	-1.55	-1.26	-0.76
	12H	-1.84	-1.58	-1.31	-1.08	-0.50	-1.83	-1.57	-1.30	-1.07	-0.49
12H	4H	-2.15	-1.78	-1.66	-1.29	-0.81	-2.12	-1.75	-1.63	-1.26	-0.79
	6H	-1.95	-1.84	-1.60	-1.37	-0.82	-1.92	-1.82	-1.58	-1.34	-0.79
	8H	-2.14	-1.88	-1.61	-1.38	-0.80	-2.12	-1.86	-1.60	-1.37	-0.78
对应照射距离，改变观察者位置S											
S = 1.0H	1.2/-1.4					1.0/-1.7					
S = 1.5H	2.6/-5.5					2.6/-6.5					
S = 2.0H	5.7/-7.6					5.5/-7.9					
标准表格	BK1					BK0					
更正系数	-13.9					-14.4					

# 投光灯

光强数据表(cd)

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	214481.59	39443.13	7297.75	3913.62	2537.71	1933.02	1495.62	1165.64	907.04
30.0	261214.79	157772.51	39443.13	5709.28	3123.99	2279.11	1727.36	1359.02	1065.89
60.0	246020.75	139378.50	14352.23	4994.85	3008.11	2137.91	1514.03	1287.20	1005.34
90.0	188544.28	189311.66	38905.96	5993.21	3500.00	2200.07	1669.81	1289.19	1022.14
120.0	217704.57	144473.88	13894.88	5756.09	3026.53	2142.51	1527.92	1260.72	989.99
150.0	147152.02	255919.90	63001.57	7727.48	3898.27	2399.58	1807.94	1382.04	1076.63
180.0	214481.59	260293.94	56962.32	7197.99	3491.56	2358.91	1754.99	1375.91	1071.18
210.0	261214.79	87411.80	11328.00	4381.72	2673.54	1972.16	1511.27	1181.45	950.47
240.0	246020.75	91931.64	12308.71	4819.12	2889.17	2089.56	1599.98	1255.43	987.61
270.0	188544.28	46963.41	9466.35	4178.36	2706.54	2009.76	1531.22	1208.69	965.97
300.0	217704.57	43586.96	10075.65	4274.28	2757.18	2054.27	1588.47	1239.31	983.01
330.0	147152.02	29421.20	7391.37	3760.14	2577.62	1958.34	1518.64	1196.42	933.13
360.0	214481.59	39443.13	7297.75	3913.62	2537.71	1933.02	1495.62	1165.64	907.04
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	722.10	524.89	400.57	312.02	239.11	187.70	151.86	124.39	101.60
30.0	824.16	657.64	477.31	389.06	279.71	219.32	172.43	140.28	116.79
60.0	781.19	618.81	447.38	340.95	265.13	205.27	164.22	131.53	109.58
90.0	797.30	641.53	452.75	367.57	268.04	207.27	164.45	131.76	109.43
120.0	788.71	639.07	445.46	344.01	262.90	205.96	160.00	129.99	107.28
150.0	858.69	690.64	487.28	391.36	286.15	220.70	171.97	138.20	113.03
180.0	844.34	685.11	485.14	370.34	281.40	218.86	170.82	136.13	111.96
210.0	749.65	547.68	416.84	318.31	241.19	188.31	150.56	120.63	100.60
240.0	771.21	586.28	436.64	337.65	253.00	198.21	156.54	127.15	105.67
270.0	753.41	557.58	426.05	322.53	246.02	193.92	153.32	124.24	102.91
300.0	768.14	563.25	434.33	332.81	258.45	198.06	159.23	129.15	106.90
330.0	736.14	535.01	410.47	316.54	242.34	190.23	151.48	126.00	102.52
360.0	722.10	524.89	400.57	312.02	239.11	187.70	151.86	124.39	101.60
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	85.56	72.59	63.31	56.40	51.57	49.34	50.26	45.12	35.45
30.0	94.77	79.58	68.83	60.39	54.02	49.96	48.34	49.50	41.98
60.0	89.55	76.20	65.61	57.55	52.03	48.11	46.50	47.88	41.59
90.0	90.09	75.20	64.31	56.48	50.49	46.04	43.66	44.81	42.21
120.0	89.71	74.51	63.69	55.79	49.42	45.20	42.51	42.82	41.28
150.0	95.54	77.27	65.76	56.63	50.11	45.12	41.82	41.21	41.44
180.0	93.01	75.97	64.84	56.17	49.88	45.12	41.98	41.59	41.28
210.0	82.19	68.68	59.39	52.18	46.96	43.51	42.67	43.82	34.61
240.0	84.80	71.60	61.85	54.48	48.73	45.28	44.12	44.89	35.76
270.0	83.95	71.14	61.77	54.64	49.27	46.35	47.19	45.04	34.15
300.0	87.94	73.98	64.31	57.32	52.26	49.42	50.11	46.66	36.68
330.0	85.33	73.28	64.00	56.48	51.64	50.11	50.57	44.20	34.61
360.0	85.56	72.59	63.31	56.40	51.57	49.34	50.26	45.12	35.45
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	29.47	21.79	15.96	10.97	7.44	5.06	4.14	3.38	2.84
30.0	33.38	27.63	20.80	15.04	10.21	6.83	4.60	3.84	3.22
60.0	32.46	26.86	20.64	14.73	9.90	6.52	4.45	3.53	2.92
90.0	32.92	27.24	20.95	15.04	10.36	6.60	4.30	3.45	2.92
120.0	32.69	25.86	19.57	13.89	9.52	6.22	4.14	3.38	2.76
150.0	33.69	24.86	19.03	13.58	9.13	6.06	4.14	3.45	3.15
180.0	32.23	23.48	18.03	12.51	8.52	5.60	4.22	3.61	3.07
210.0	25.40	18.88	13.58	9.06	5.99	4.37	3.68	3.22	2.61
240.0	25.78	19.26	13.74	9.59	6.29	4.83	3.99	3.30	2.69
270.0	25.25	18.57	13.12	8.82	5.76	4.45	3.84	3.45	3.22
300.0	27.93	20.64	14.66	9.98	6.52	4.68	3.99	3.45	2.99
330.0	27.01	20.26	14.35	9.59	6.29	4.76	3.99	3.38	2.99
360.0	29.47	21.79	15.96	10.97	7.44	5.06	4.14	3.38	2.84

# 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	2.30	1.84	1.53	1.00	0.61	0.31	0.23	0.08	0.00
30.0	2.69	2.30	2.07	2.07	1.38	0.69	0.31	0.15	0.08
60.0	2.38	1.92	1.61	1.23	0.84	0.54	0.31	0.15	0.15
90.0	2.69	2.46	2.23	2.23	1.76	0.84	0.46	0.23	0.15
120.0	2.30	1.92	1.61	1.23	0.92	0.61	0.31	0.15	0.15
150.0	2.92	2.69	2.38	2.23	1.84	1.00	0.46	0.23	0.15
180.0	2.53	2.07	1.69	1.23	0.92	0.54	0.38	0.23	0.08
210.0	2.38	2.07	2.07	1.84	1.15	0.61	0.31	0.15	0.08
240.0	2.23	1.76	1.53	1.15	0.77	0.46	0.31	0.23	0.08
270.0	2.84	2.30	1.92	1.53	1.00	0.54	0.23	0.15	0.00
300.0	2.53	2.00	1.61	1.07	0.69	0.38	0.15	0.15	0.00
330.0	2.61	2.30	2.15	1.46	0.69	0.38	0.23	0.08	0.00
360.0	2.30	1.84	1.53	1.00	0.61	0.31	0.23	0.08	0.00

C/γ(°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.15
120.0	0.08
150.0	0.08
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