

浙大三色

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## ROLED

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灯具名称: 壁灯

灯具描述: W1024C17-2-UN (12-CR-2WN-AA, P1)

报告编号:

电压(V): 220.3000

测试编号: 20210314011

电流(A): 0.1630

光源规格型号: CR

功率(W): 34.6000

每个光源光通量(lm)

功率因数: 0.9580

光源数量: 1

镇流器型号:

发光面长度(mm): 50

发光面宽度(mm): 50

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): 1216.31

灯具效能(lm/w): 35.15

中心光强(cd): 13206.540

最大光强(cd): 13434.450

最大光强角度:  $C=30.0$   $\gamma=0.0$

半峰边角(50%Imax): [C0/180]Total=13.2

[C90/270]Total=13.2

光束扩散角(10%Imax): [C0/180]Total=26.2

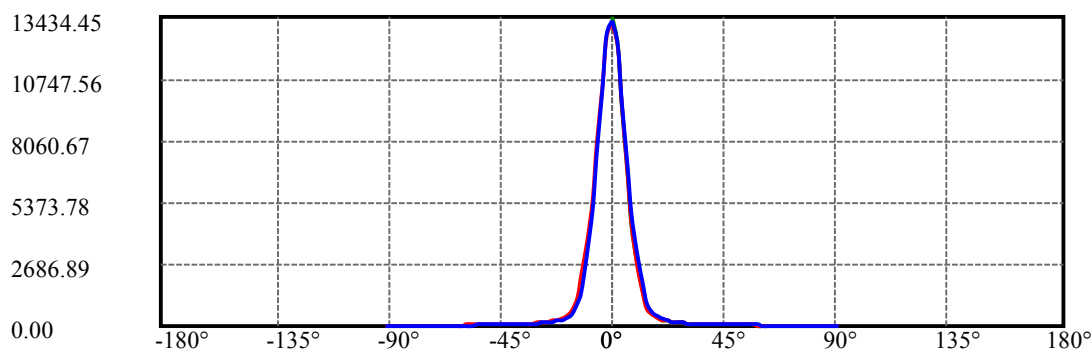
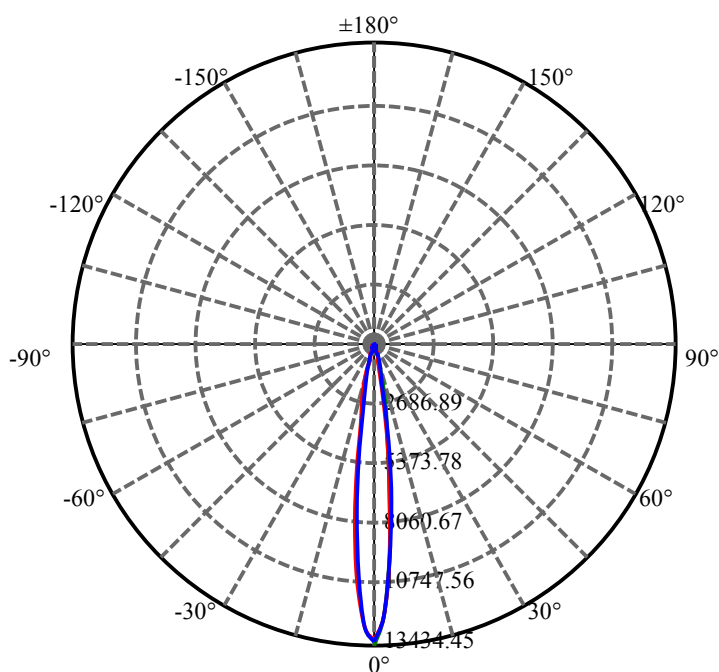
[C90/270]Total=25.9

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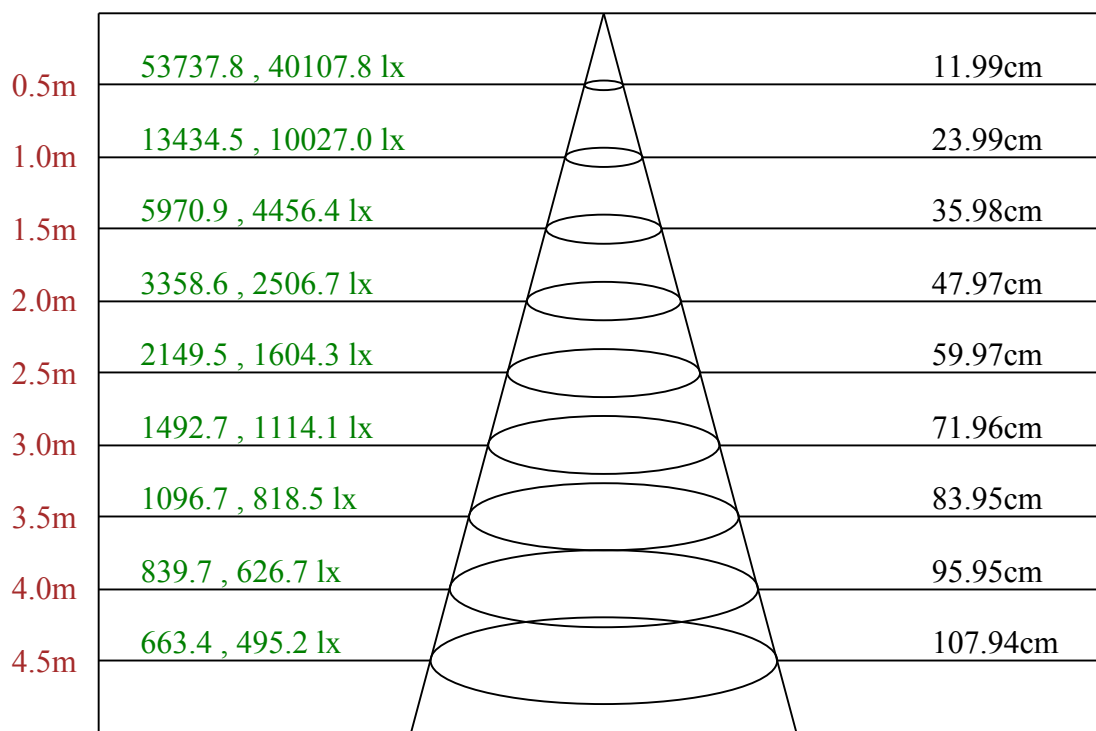
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/14  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76



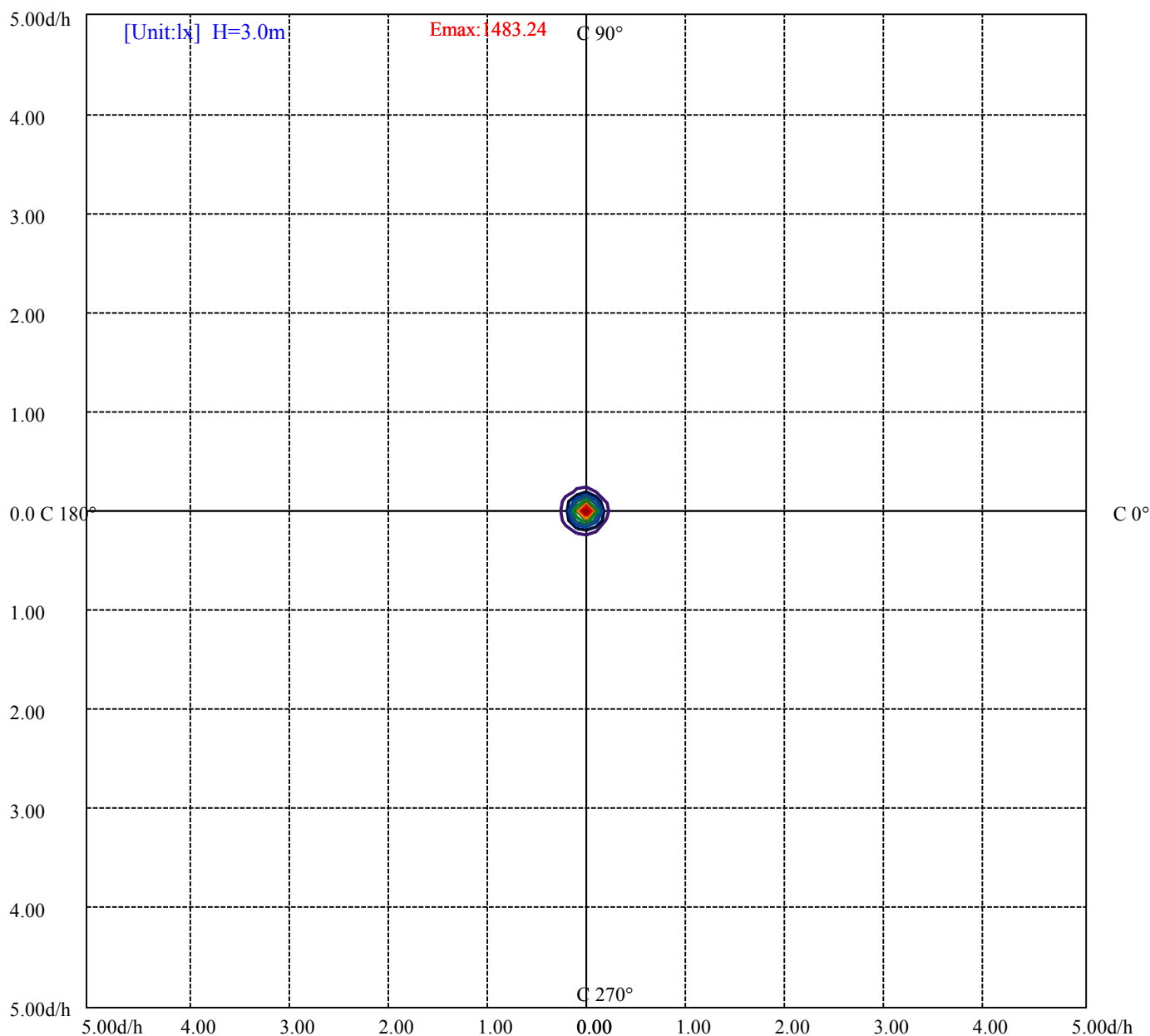
- C30(Max): —
- C0/C180: —
- C90/C270: —



Max , Ave    C30面光束角13.68

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## 平面等照度曲线



- (10%Emax) 148.3244
- (20%Emax) 296.6478
- (30%Emax) 444.9722
- (40%Emax) 593.2956
- (50%Emax) 741.62
- (60%Emax) 889.9434
- (70%Emax) 1038.268
- (80%Emax) 1186.589
- (90%Emax) 1334.911

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## 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

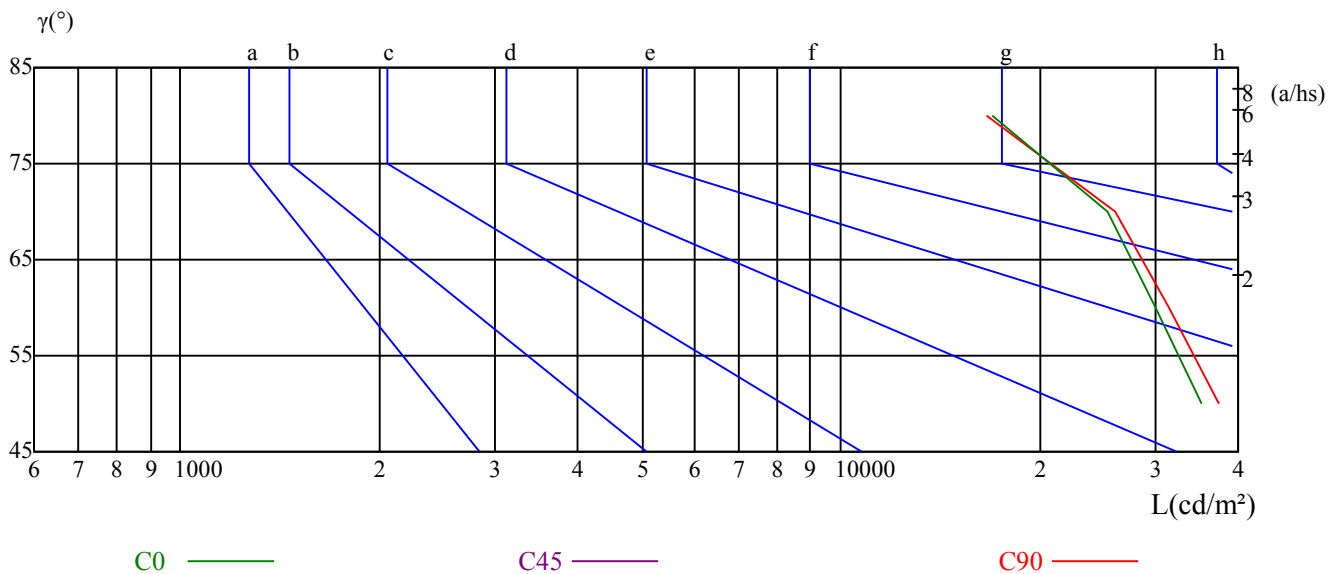
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	35337	0	29897	0	25398	0	16970	0
C45	0	0	0	0	0	0	0	0	0
C90	0	37534	0	31370	0	26116	0	16616	0

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( $^{\circ}\text{C}$ ): 25.0

测试日期: 2021/3/14  
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	18.68	19.71	19.04	20.02	20.34	18.94	19.98	19.31	20.29	20.60
	3H	20.24	21.16	20.62	21.49	21.86	20.42	21.33	20.80	21.67	22.03
	4H	20.72	21.57	21.13	21.93	22.31	20.88	21.73	21.29	22.08	22.47
	6H	21.01	21.78	21.42	22.16	22.55	21.15	21.92	21.56	22.30	22.69
	8H	21.05	21.77	21.48	22.17	22.58	21.18	21.91	21.62	22.30	22.71
	12H	21.04	21.74	21.48	22.12	22.55	21.18	21.87	21.61	22.26	22.69
4H	2H	19.18	20.03	19.59	20.38	20.77	19.39	20.24	19.80	20.59	20.98
	3H	20.91	21.61	21.33	22.01	22.42	21.05	21.74	21.46	22.15	22.55
	4H	21.48	22.10	21.92	22.52	22.97	21.60	22.22	22.03	22.64	23.09
	6H	21.79	22.32	22.26	22.77	23.24	21.89	22.42	22.36	22.87	23.34
	8H	21.84	22.33	22.32	22.79	23.26	21.94	22.43	22.41	22.88	23.35
	12H	21.84	22.26	22.33	22.75	23.23	21.93	22.36	22.42	22.84	23.32
8H	4H	21.63	22.12	22.10	22.57	23.05	21.73	22.23	22.21	22.68	23.15
	6H	22.02	22.41	22.53	22.92	23.40	22.10	22.49	22.61	23.00	23.48
	8H	22.12	22.46	22.65	22.98	23.48	22.19	22.53	22.72	23.05	23.55
	12H	22.72	23.02	23.24	23.52	24.09	22.79	23.09	23.31	23.58	24.16
12H	4H	21.60	22.03	22.09	22.52	22.99	21.71	22.13	22.20	22.62	23.10
	6H	22.31	22.36	22.55	22.83	23.38	22.39	22.44	22.63	22.91	23.46
	8H	22.13	22.43	22.65	22.93	23.51	22.20	22.50	22.72	23.00	23.58
对应照射距离，改变观察者位置S											
S = 1.0H	0.4/-0.4					0.4/-0.5					
S = 1.5H	0.7/-0.8					0.8/-0.8					
S = 2.0H	1.4/-1.1					1.3/-1.1					
标准表格	BK3					BK3					
更正系数	4.6					4.6					

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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	13206.54	12135.28	9693.49	6666.96	4494.52	2689.65	1436.53	771.98	472.70
30.0	13434.45	12180.56	9561.50	6686.91	4423.92	2754.11	1530.92	835.67	490.35
60.0	13264.09	11761.57	9180.12	6488.93	4343.35	2664.33	1498.92	817.49	486.90
90.0	13273.30	12199.74	9730.33	7039.91	4938.83	3139.34	1833.26	979.17	567.09
120.0	13213.45	12048.57	9608.31	7145.04	4935.00	3207.63	1975.23	1077.86	616.05
150.0	13174.31	12623.34	10494.63	7942.34	5597.24	3827.67	2372.73	1369.00	735.91
180.0	13206.54	12555.81	10436.31	7885.56	5604.15	3671.89	2276.80	1269.70	699.39
210.0	13434.45	12928.75	10853.77	8289.20	5822.85	3926.66	2319.01	1324.80	699.31
240.0	13264.09	13029.28	11213.67	8343.68	5842.80	3843.02	2317.48	1270.01	698.31
270.0	13273.30	12577.29	10363.41	7535.63	5142.19	3173.10	1497.23	977.87	537.32
300.0	13213.45	12518.97	10456.27	7413.62	5169.04	3234.49	1780.31	927.76	525.65
330.0	13174.31	12042.43	9454.84	6650.08	4440.04	2717.28	1432.15	768.22	448.30
360.0	13206.54	12135.28	9693.49	6666.96	4494.52	2689.65	1436.53	771.98	472.70
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	330.05	266.28	223.54	184.02	154.86	132.99	116.72	103.98	94.69
30.0	378.16	274.64	227.99	191.38	161.07	139.74	122.78	109.27	97.76
60.0	347.93	273.11	226.84	189.39	161.38	139.13	122.17	107.51	96.46
90.0	392.90	294.44	241.26	200.21	167.52	143.73	125.16	110.73	99.30
120.0	399.04	302.04	244.87	206.04	171.12	146.03	127.46	111.50	99.22
150.0	458.12	335.42	265.59	219.85	182.18	156.08	134.60	118.02	104.44
180.0	442.85	328.21	263.75	219.16	182.87	155.01	135.21	117.64	105.97
210.0	446.84	326.60	260.75	218.86	182.71	154.40	133.75	118.94	105.21
240.0	426.66	313.63	249.55	207.27	171.97	145.19	126.85	111.88	99.38
270.0	362.43	274.11	223.84	185.17	154.24	130.91	113.80	101.22	90.01
300.0	393.66	261.91	218.70	177.42	146.42	123.32	106.59	94.23	85.03
330.0	320.38	253.16	212.72	174.88	144.73	123.62	107.74	96.00	87.02
360.0	330.05	266.28	223.54	184.02	154.86	132.99	116.72	103.98	94.69
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	87.71	80.50	74.67	69.91	66.22	63.77	61.31	56.79	51.11
30.0	90.40	83.11	77.97	72.98	68.99	66.45	64.54	60.93	55.94
60.0	88.86	82.42	77.66	72.13	67.45	65.23	63.77	59.93	55.10
90.0	91.32	84.49	79.19	73.74	68.60	65.00	62.92	60.32	55.94
120.0	90.32	83.18	77.12	71.21	65.69	60.70	56.63	53.10	50.95
150.0	95.62	87.56	80.42	75.51	70.14	65.76	63.54	59.78	54.33
180.0	96.61	89.25	82.65	76.89	71.75	67.53	64.38	61.08	56.71
210.0	96.54	89.32	82.42	76.58	71.67	67.91	65.46	62.54	58.32
240.0	90.17	82.65	75.82	71.06	66.76	63.23	60.47	57.48	52.34
270.0	83.18	76.97	72.36	67.53	63.31	59.47	56.86	53.03	47.96
300.0	77.97	71.83	67.07	62.46	58.86	56.33	53.56	49.34	44.97
330.0	81.80	76.05	71.52	66.76	63.08	60.32	57.48	52.57	47.35
360.0	87.71	80.50	74.67	69.91	66.22	63.77	61.31	56.79	51.11
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	46.66	43.20	39.90	37.37	35.22	31.54	28.47	25.63	21.72
30.0	51.11	46.50	41.67	38.75	36.30	32.38	29.01	26.24	22.18
60.0	50.34	46.27	41.52	38.29	35.45	31.69	28.55	25.63	21.72
90.0	51.34	47.12	42.90	39.21	36.53	32.69	29.08	26.01	22.33
120.0	48.11	45.04	41.52	38.52	35.53	32.77	29.01	25.94	21.64
150.0	50.88	46.89	42.82	39.06	36.07	33.00	29.54	26.55	22.41
180.0	52.10	47.65	43.82	40.06	36.91	32.61	29.16	26.24	22.10
210.0	53.64	49.65	45.04	40.82	37.75	33.15	29.70	27.09	22.48
240.0	47.42	44.12	41.36	38.83	36.60	33.15	30.00	27.40	23.48
270.0	43.51	40.36	38.06	35.76	33.69	30.62	27.63	25.17	21.18
300.0	41.59	39.06	36.53	34.30	32.23	29.01	26.55	23.40	20.18
330.0	43.51	40.29	37.37	35.07	32.46	29.47	26.09	22.94	19.80
360.0	46.66	43.20	39.90	37.37	35.22	31.54	28.47	25.63	21.72

# ROLED 壁灯

## 光强数据表(cd)

附页 第 8页 共8页

<b>C/γ(°)</b>	<b>72.0</b>	<b>74.0</b>	<b>76.0</b>	<b>78.0</b>	<b>80.0</b>	<b>82.0</b>	<b>84.0</b>	<b>86.0</b>	<b>88.0</b>
<b>0.0</b>	<b>18.19</b>	<b>15.35</b>	<b>12.20</b>	<b>9.67</b>	<b>7.37</b>	<b>3.07</b>	<b>1.07</b>	<b>0.46</b>	<b>0.23</b>
<b>30.0</b>	<b>18.42</b>	<b>15.58</b>	<b>12.28</b>	<b>9.75</b>	<b>7.29</b>	<b>3.30</b>	<b>1.15</b>	<b>0.46</b>	<b>0.31</b>
<b>60.0</b>	<b>18.11</b>	<b>15.19</b>	<b>11.59</b>	<b>9.29</b>	<b>6.91</b>	<b>3.07</b>	<b>1.00</b>	<b>0.46</b>	<b>0.15</b>
<b>90.0</b>	<b>18.57</b>	<b>15.65</b>	<b>12.28</b>	<b>9.59</b>	<b>7.21</b>	<b>3.30</b>	<b>1.07</b>	<b>0.46</b>	<b>0.23</b>
<b>120.0</b>	<b>18.03</b>	<b>14.58</b>	<b>11.66</b>	<b>9.44</b>	<b>7.06</b>	<b>3.22</b>	<b>1.07</b>	<b>0.38</b>	<b>0.23</b>
<b>150.0</b>	<b>18.72</b>	<b>15.73</b>	<b>12.35</b>	<b>10.13</b>	<b>7.67</b>	<b>3.84</b>	<b>1.30</b>	<b>0.46</b>	<b>0.31</b>
<b>180.0</b>	<b>18.95</b>	<b>15.81</b>	<b>12.35</b>	<b>10.21</b>	<b>7.60</b>	<b>3.61</b>	<b>1.23</b>	<b>0.54</b>	<b>0.31</b>
<b>210.0</b>	<b>19.26</b>	<b>16.04</b>	<b>12.74</b>	<b>10.44</b>	<b>7.90</b>	<b>3.61</b>	<b>1.38</b>	<b>0.54</b>	<b>0.38</b>
<b>240.0</b>	<b>19.95</b>	<b>16.96</b>	<b>13.51</b>	<b>11.05</b>	<b>8.59</b>	<b>4.07</b>	<b>1.53</b>	<b>0.69</b>	<b>0.31</b>
<b>270.0</b>	<b>18.34</b>	<b>15.35</b>	<b>12.20</b>	<b>10.13</b>	<b>7.60</b>	<b>3.22</b>	<b>1.15</b>	<b>0.46</b>	<b>0.23</b>
<b>300.0</b>	<b>17.19</b>	<b>14.66</b>	<b>12.20</b>	<b>9.90</b>	<b>6.75</b>	<b>2.92</b>	<b>1.15</b>	<b>0.54</b>	<b>0.31</b>
<b>330.0</b>	<b>16.81</b>	<b>14.27</b>	<b>11.82</b>	<b>9.29</b>	<b>4.91</b>	<b>2.38</b>	<b>1.00</b>	<b>0.38</b>	<b>0.23</b>
<b>360.0</b>	<b>18.19</b>	<b>15.35</b>	<b>12.20</b>	<b>9.67</b>	<b>7.37</b>	<b>3.07</b>	<b>1.07</b>	<b>0.46</b>	<b>0.23</b>
<b>C/γ(°)</b>	<b>90.0</b>								
<b>0.0</b>	<b>0.00</b>								
<b>30.0</b>	<b>0.08</b>								
<b>60.0</b>	<b>0.00</b>								
<b>90.0</b>	<b>0.00</b>								
<b>120.0</b>	<b>0.00</b>								
<b>150.0</b>	<b>0.08</b>								
<b>180.0</b>	<b>0.00</b>								
<b>210.0</b>	<b>0.08</b>								
<b>240.0</b>	<b>0.08</b>								
<b>270.0</b>	<b>0.00</b>								
<b>300.0</b>	<b>0.08</b>								
<b>330.0</b>	<b>0.08</b>								
<b>360.0</b>	<b>0.00</b>								