

浙大三色

Email:sensing@sensingm.com

Tel:+86 571 85021543 Fax:+86 571 87977635

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## ROLED

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灯具名称: 壁灯

灯具描述: W1024C17-2-UN (38-CR-2WN-AA, P1)

报告编号:

电压(V): 220.5000

测试编号: 20210314013

电流(A): 0.1630

光源规格型号: CR

功率(W): 34.3000

每个光源光通量(lm)

功率因数: 0.9570

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): 1283.56

灯具效能(lm/w): 37.42

中心光强(cd): 2902.216

最大光强(cd): 2942.120

最大光强角度: C=210.0  $\gamma$ =2.0

半峰边角(50%Imax): [C0/180]Total=37.3

[C90/270]Total=37.3

光束扩散角(10%Imax): [C0/180]Total=56.5

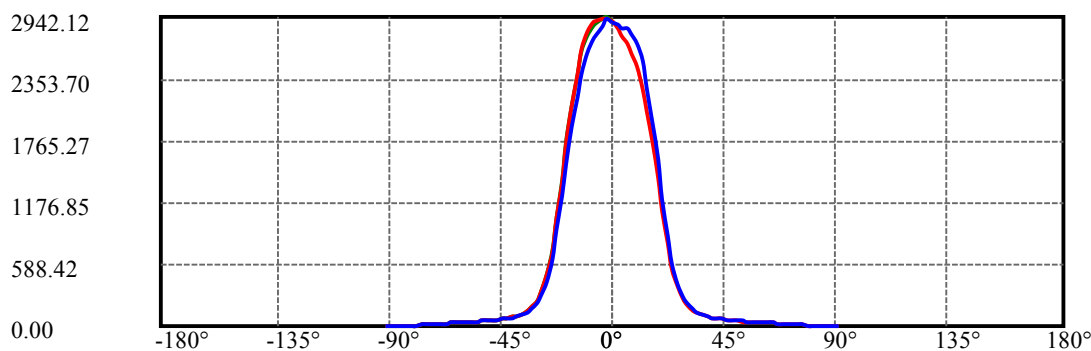
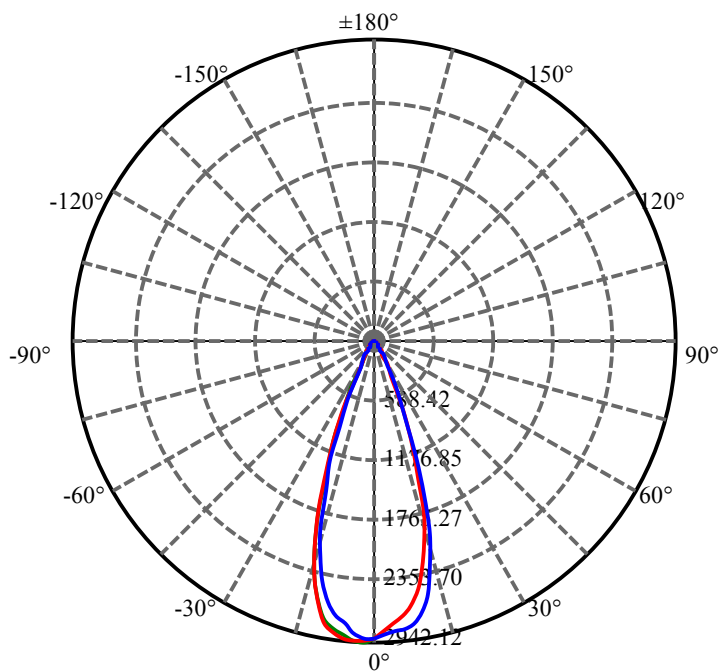
[C90/270]Total=56.0

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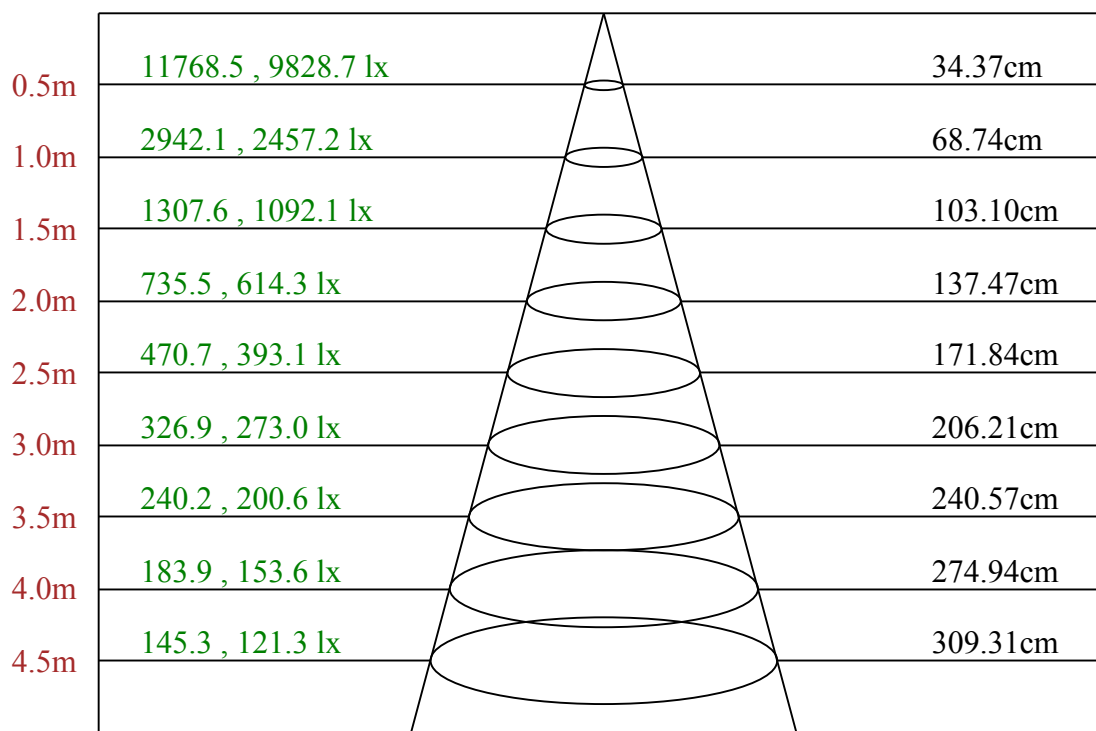
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/3/14  
环境湿度(%): 60.0%

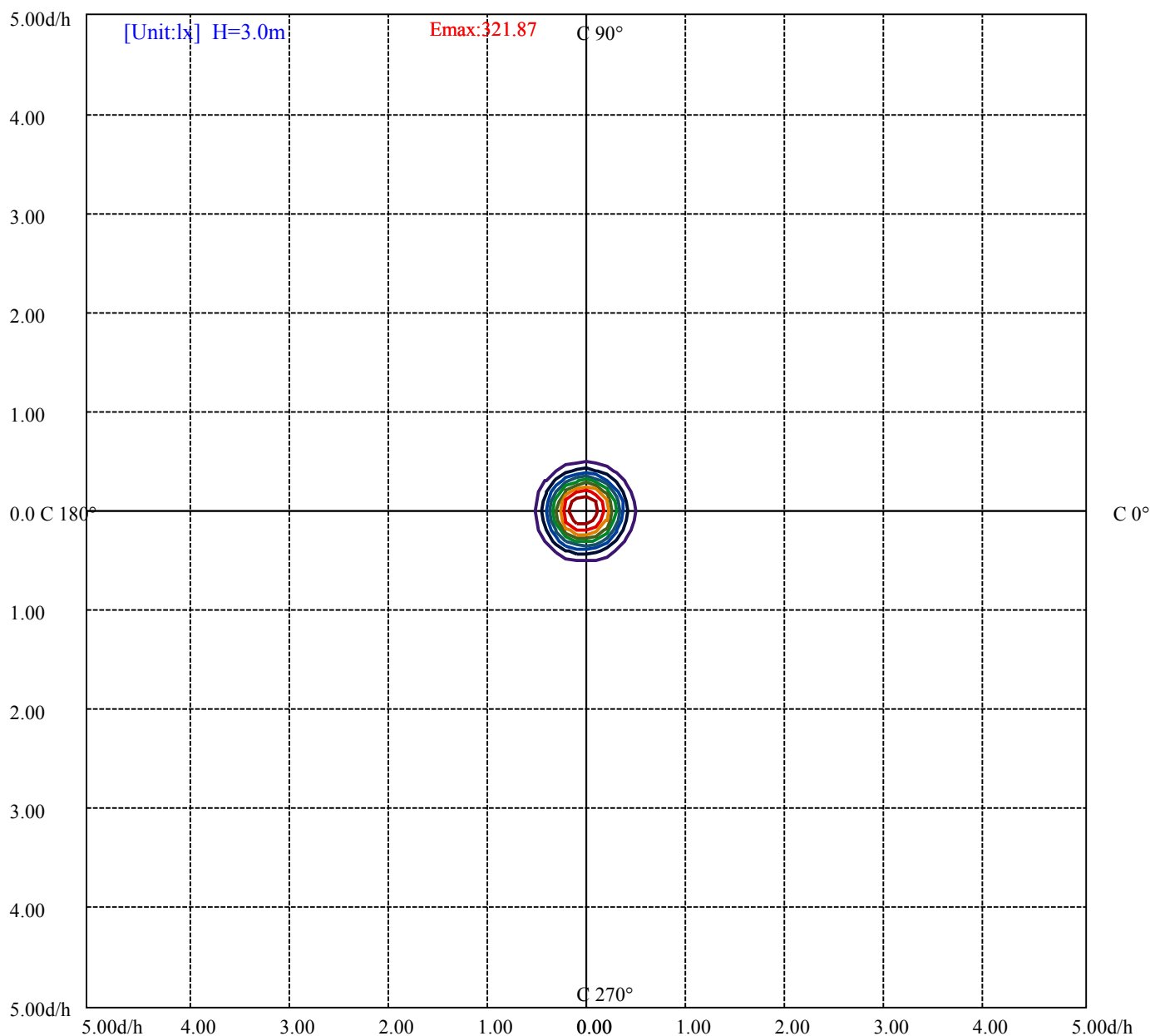
测试人员: anpeilou  
测试距离(m): 8.76



C210(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave      C210面光束角37.92



- (10%E<sub>max</sub>) 32.18711
- (20%E<sub>max</sub>) 64.37422
- (30%E<sub>max</sub>) 96.56133
- (40%E<sub>max</sub>) 128.7489
- (50%E<sub>max</sub>) 160.9356
- (60%E<sub>max</sub>) 193.1222
- (70%E<sub>max</sub>) 225.31
- (80%E<sub>max</sub>) 257.4967
- (90%E<sub>max</sub>) 289.6844

# ROLED 壁灯

## 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

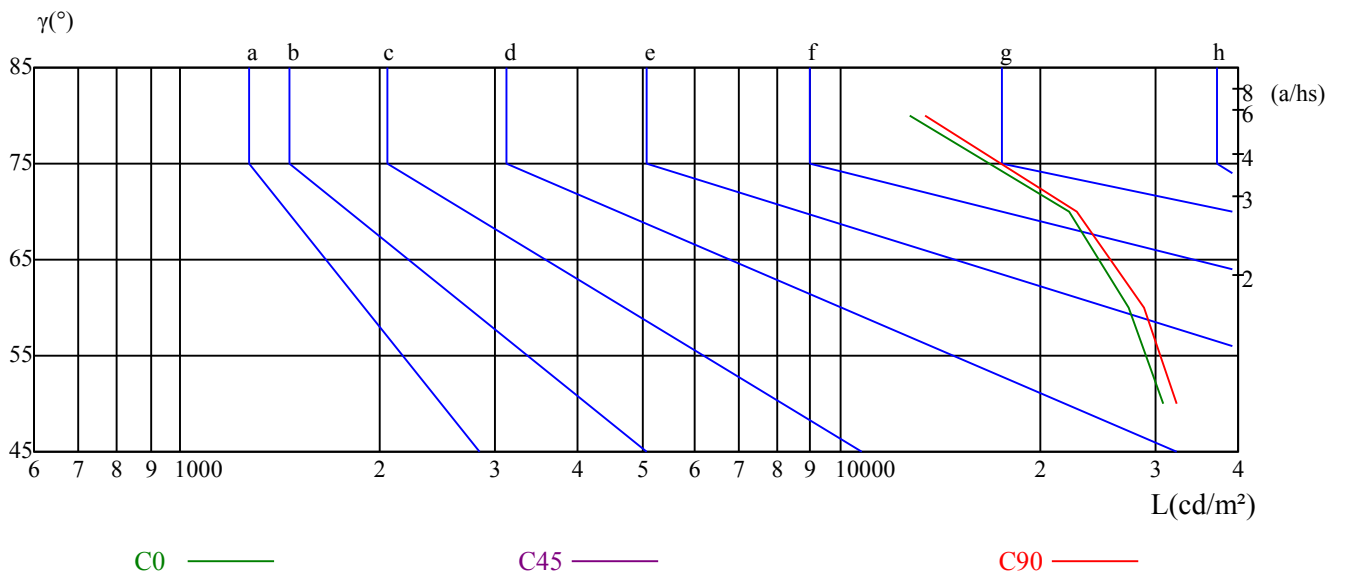
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	30753	0	27380	0	22167	0	12727	0
C45	0	0	0	0	0	0	0	0	0
C90	0	32186	0	28853	0	22796	0	13434	0

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: 2021/3/14  
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	17.74	18.77	18.11	19.08	19.40	17.76	18.78	18.12	19.10	19.41
	3H	19.26	20.16	19.64	20.50	20.87	19.26	20.17	19.64	20.50	20.87
	4H	19.70	20.54	20.10	20.89	21.28	19.70	20.54	20.11	20.89	21.28
	6H	19.92	20.69	20.34	21.06	21.46	19.92	20.69	20.34	21.07	21.46
	8H	19.94	20.66	20.37	21.05	21.46	19.95	20.67	20.38	21.06	21.47
	12H	19.92	20.61	20.36	21.00	21.43	19.94	20.63	20.37	21.01	21.44
4H	2H	18.23	19.07	18.64	19.43	19.81	18.24	19.08	18.65	19.44	19.83
	3H	19.90	20.59	20.32	21.00	21.40	19.90	20.59	20.32	21.00	21.41
	4H	20.42	21.04	20.86	21.46	21.91	20.42	21.04	20.86	21.46	21.91
	6H	20.67	21.19	21.14	21.64	22.12	20.67	21.20	21.14	21.65	22.12
	8H	20.70	21.19	21.18	21.64	22.11	20.70	21.19	21.18	21.64	22.12
	12H	20.68	21.11	21.18	21.59	22.07	20.69	21.11	21.18	21.60	22.08
8H	4H	20.55	21.03	21.02	21.48	21.96	20.54	21.03	21.02	21.48	21.96
	6H	20.87	21.25	21.38	21.76	22.24	20.86	21.25	21.37	21.75	22.24
	8H	20.93	21.27	21.46	21.80	22.29	20.93	21.27	21.46	21.79	22.29
	12H	21.56	21.86	22.09	22.36	22.94	21.56	21.86	22.08	22.35	22.93
12H	4H	20.51	20.93	21.00	21.42	21.90	20.51	20.94	21.01	21.42	21.90
	6H	21.14	21.19	21.39	21.66	22.21	21.14	21.19	21.38	21.66	22.21
	8H	20.94	21.23	21.46	21.73	22.31	20.94	21.23	21.46	21.73	22.31
对应照射距离，改变观察者位置S											
S = 1.0H	0.5/-0.6					0.4/-0.6					
S = 1.5H	1.0/-0.8					1.0/-0.8					
S = 2.0H	2.4/-1.2					2.3/-1.2					
标准表格	BK3					BK3					
更正系数	3.8					3.6					

ROLED 壁灯

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	2902.22	2840.06	2764.86	2694.26	2602.94	2459.44	2253.78	2038.15	1757.29
30.0	2897.61	2843.13	2768.69	2719.58	2642.08	2513.16	2339.73	2097.24	1793.36
60.0	2896.08	2845.43	2798.62	2769.46	2716.51	2612.15	2419.54	2156.33	1801.80
90.0	2896.08	2875.36	2840.06	2827.01	2782.51	2686.58	2521.60	2269.90	1941.46
120.0	2895.31	2886.87	2868.45	2863.08	2820.87	2714.98	2525.43	2292.92	1975.23
150.0	2894.54	2908.36	2899.91	2896.08	2875.36	2787.11	2632.87	2407.26	2088.80
180.0	2902.22	2929.07	2926.00	2914.49	2881.50	2793.25	2625.19	2400.35	2096.47
210.0	2897.61	2942.12	2926.00	2883.80	2846.96	2765.62	2604.47	2402.65	2108.75
240.0	2896.08	2938.28	2907.59	2843.13	2795.55	2705.00	2543.85	2350.47	2084.96
270.0	2896.08	2915.26	2853.87	2776.37	2714.21	2586.06	2398.05	2165.54	1901.56
300.0	2895.31	2884.57	2817.04	2738.00	2650.52	2528.50	2341.26	2123.33	1840.17
330.0	2894.54	2842.36	2777.13	2697.33	2598.34	2442.56	2253.78	2003.62	1715.85
360.0	2902.22	2840.06	2764.86	2694.26	2602.94	2459.44	2253.78	2038.15	1757.29
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1411.97	1096.58	792.70	557.11	391.36	261.75	194.22	151.48	118.87
30.0	1436.53	1094.28	764.31	532.56	394.43	261.29	197.29	151.94	121.63
60.0	1424.48	1054.07	750.80	515.91	355.53	259.14	196.52	150.56	119.56
90.0	1582.33	1208.62	867.90	596.25	407.48	282.16	215.25	164.60	128.08
120.0	1512.50	1241.61	919.70	636.92	418.14	288.07	214.02	162.30	125.39
150.0	1713.55	1339.07	1012.17	713.66	487.28	326.44	240.88	182.79	140.28
180.0	1735.04	1363.93	1025.60	719.26	489.74	330.43	241.42	183.79	141.35
210.0	1758.06	1391.64	1030.89	738.29	496.95	329.66	240.80	186.40	142.89
240.0	1730.43	1393.55	1042.86	743.59	494.96	351.77	239.96	186.24	145.88
270.0	1528.92	1243.69	905.43	634.93	429.42	292.22	216.25	165.29	128.61
300.0	1492.55	1172.55	857.16	609.30	412.85	287.84	211.26	162.68	125.70
330.0	1392.10	1076.71	775.59	543.30	377.93	259.37	193.46	147.80	117.02
360.0	1411.97	1096.58	792.70	557.11	391.36	261.75	194.22	151.48	118.87
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	100.53	88.71	78.27	70.06	64.46	59.24	54.10	49.42	45.35
30.0	101.06	86.41	77.12	70.14	64.84	59.70	53.95	49.73	45.74
60.0	100.22	86.48	78.66	72.36	67.68	62.31	56.56	50.26	45.58
90.0	105.67	89.71	79.73	72.52	66.99	62.62	56.94	51.72	46.96
120.0	103.90	88.17	76.28	68.53	62.85	58.93	54.71	49.34	45.43
150.0	111.27	95.00	81.50	72.36	65.99	61.39	56.48	50.88	46.50
180.0	113.88	97.61	84.26	74.97	68.14	63.08	58.17	51.80	46.66
210.0	116.49	99.38	83.72	74.21	66.99	61.54	56.63	52.03	47.42
240.0	117.26	100.60	86.64	77.50	71.52	66.30	59.16	51.72	46.43
270.0	104.29	91.62	80.88	72.59	66.61	61.16	56.10	50.42	45.89
300.0	100.83	88.94	80.11	72.13	66.99	62.16	56.48	50.95	46.43
330.0	96.92	85.26	75.28	67.30	62.39	57.02	53.03	48.96	45.74
360.0	100.53	88.71	78.27	70.06	64.46	59.24	54.10	49.42	45.35
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	41.98	39.06	36.30	34.22	32.23	28.62	25.63	22.18	18.95
30.0	42.36	39.44	36.83	34.99	32.84	28.93	25.71	22.18	19.11
60.0	42.36	39.75	37.37	34.92	33.07	28.85	25.32	21.79	18.95
90.0	43.51	40.75	38.29	36.07	33.92	30.23	26.55	22.79	19.49
120.0	42.59	40.06	37.68	35.61	33.38	29.85	26.17	22.48	19.26
150.0	43.20	40.13	37.68	35.61	33.61	30.31	26.78	23.25	20.26
180.0	43.05	40.13	37.45	35.38	33.46	29.62	26.55	23.10	20.03
210.0	44.12	41.44	38.75	36.53	34.30	30.16	26.63	23.33	20.34
240.0	42.21	39.29	37.06	35.22	33.69	29.70	26.86	23.79	20.80
270.0	42.13	38.98	36.30	34.38	32.46	28.55	25.71	22.48	19.49
300.0	42.59	39.37	36.68	34.38	31.46	28.32	24.94	22.02	18.95
330.0	42.44	39.29	36.76	33.76	30.77	27.24	24.17	21.18	18.19
360.0	41.98	39.06	36.30	34.22	32.23	28.62	25.63	22.18	18.95

# ROLED 壁灯

## 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	16.27	13.28	10.21	7.67	5.53	2.84	1.00	0.38	0.15
30.0	16.27	13.28	10.44	7.67	5.60	2.76	1.00	0.38	0.23
60.0	15.96	12.89	10.13	7.44	5.53	2.76	0.84	0.31	0.23
90.0	16.42	13.51	10.67	7.98	5.83	3.15	1.07	0.31	0.15
120.0	16.27	13.20	10.36	7.90	5.91	2.92	1.07	0.38	0.23
150.0	17.19	14.27	11.28	8.59	6.37	3.53	1.30	0.46	0.23
180.0	17.04	13.97	11.05	8.59	6.60	3.38	1.23	0.46	0.31
210.0	17.19	14.27	11.13	8.82	6.52	3.38	1.30	0.46	0.31
240.0	17.80	14.89	11.66	9.21	6.91	3.91	1.46	0.54	0.31
270.0	16.50	13.66	10.44	8.13	5.99	3.15	1.15	0.46	0.23
300.0	15.96	13.05	10.21	7.98	5.68	2.76	1.00	0.38	0.31
330.0	14.89	12.28	9.75	7.37	4.37	2.07	0.84	0.46	0.23
360.0	16.27	13.28	10.21	7.67	5.53	2.84	1.00	0.38	0.15
C/γ(°)	90.0								
0.0	0.00								
30.0	0.00								
60.0	0.00								
90.0	0.00								
120.0	0.00								
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								