

浙大三色

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ROLED

灯具名称: 壁灯

灯具描述: W1022A-9-UN (30-OL-9WN-AJ, CT) 6颗发光面

报告编号:

电压(V): 220.4000

测试编号: 20210319012

电流(A): 0.0930

光源规格型号: OL

功率(W): 10.3000

每个光源光通量(lm)

功率因数: 0.5000

光源数量: 9

镇流器型号:

发光面长度(mm): 90

发光面宽度(mm): 57

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 613.91

灯具效能(lm/w): 59.60

中心光强(cd): 1691.297

最大光强(cd): 1702.807

最大光强角度: $C=60.0$ $\gamma=2.0$

半峰边角(50%Imax): [C0/180]Total=28.8

[C90/270]Total=28.6

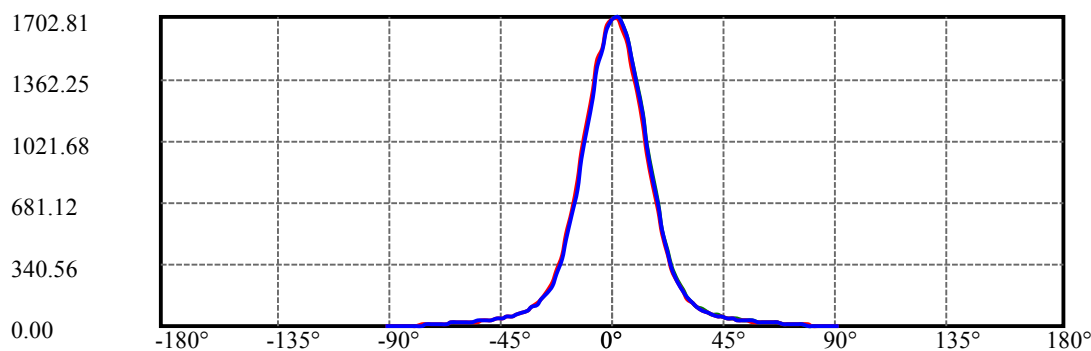
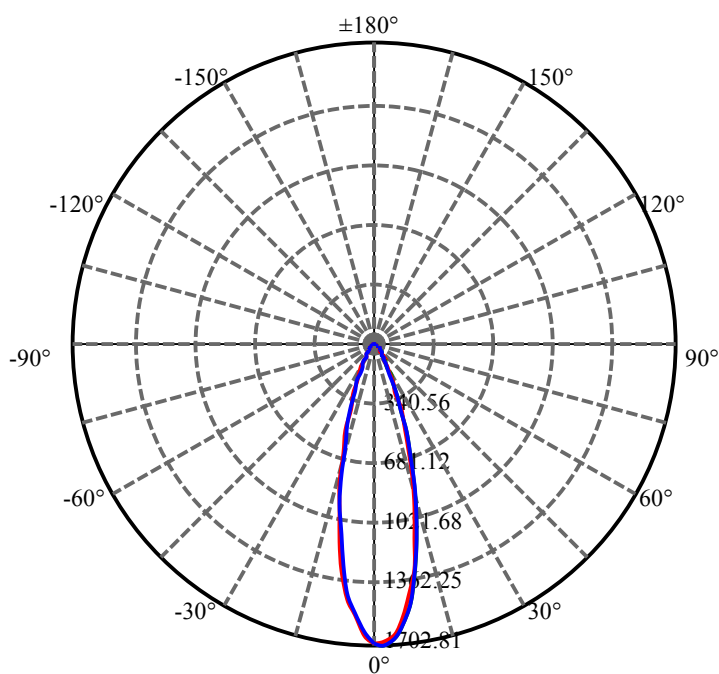
光束扩散角(10%Imax): [C0/180]Total=56.2

[C90/270]Total=56.1

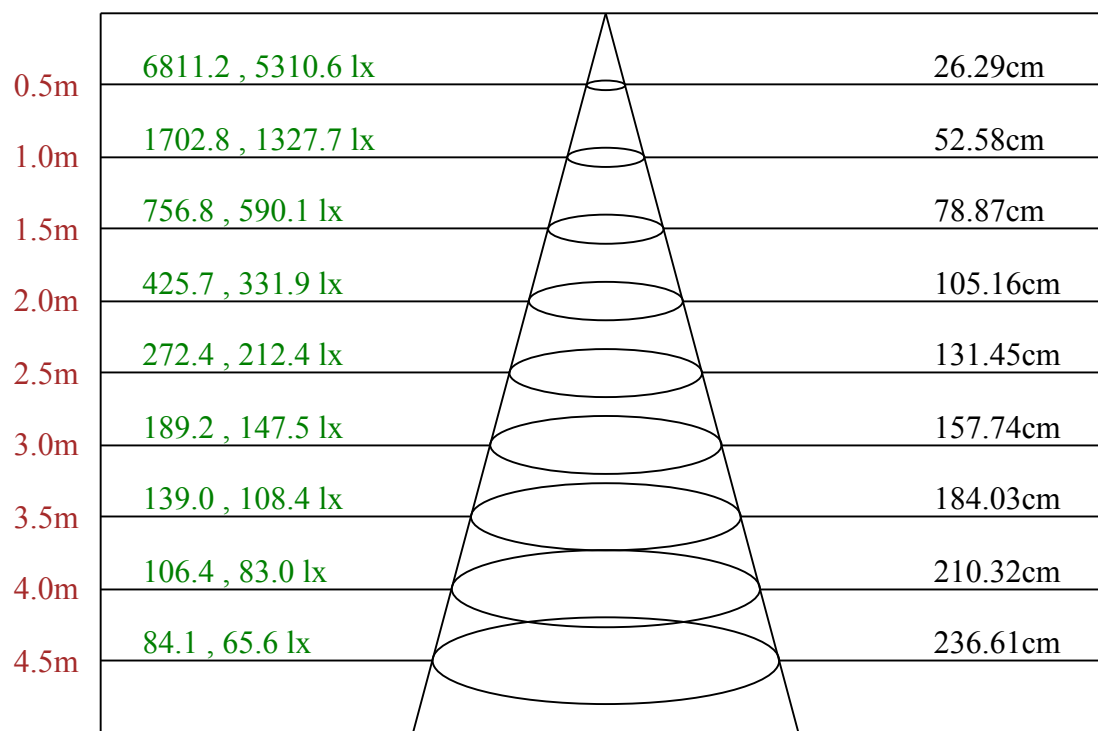
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/19
环境湿度(%): 60.0%

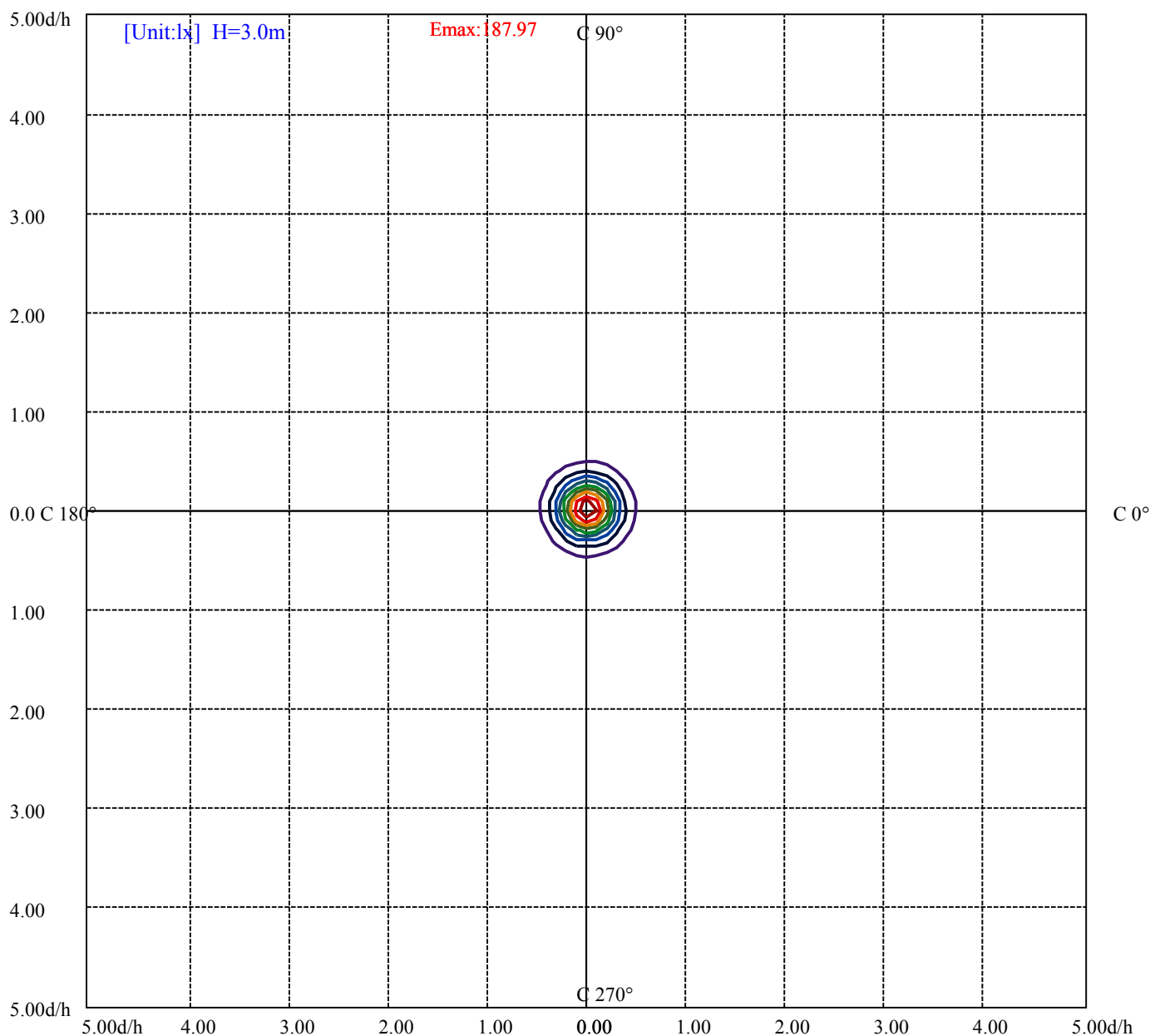
测试人员: anpeilou
测试距离(m): 8.76



C60(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C60面光束角29.44



- (10%E_{max}) 18.79644
- (20%E_{max}) 37.59289
- (30%E_{max}) 56.38933
- (40%E_{max}) 75.18588
- (50%E_{max}) 93.98233
- (60%E_{max}) 112.7789
- (70%E_{max}) 131.5756
- (80%E_{max}) 150.3722
- (90%E_{max}) 169.1678

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灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

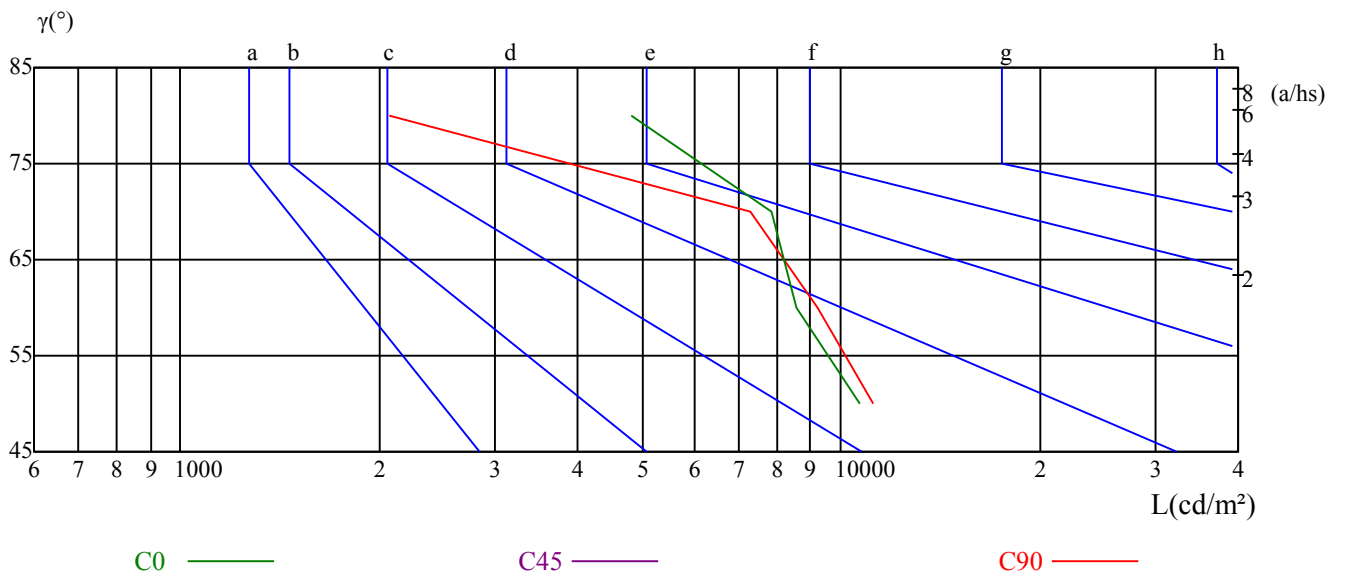
γ	45	50	55	60	65	70	75	80	85
C0	0	10658	0	8556	0	7872	0	4824	0
C45	0	0	0	0	0	0	0	0	0
C90	0	11170	0	9214	0	7304	0	2067	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
28351	19697	0	18957	13640	0	15618	17764	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: 2021/3/19
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	17.40	18.48	17.77	18.80	19.11	17.15	18.23	17.51	18.54	18.85
	3H	18.71	19.66	19.09	19.99	20.36	18.72	19.68	19.11	20.01	20.38
	4H	18.96	19.84	19.36	20.19	20.58	19.21	20.09	19.61	20.45	20.83
	6H	18.96	19.77	19.38	20.15	20.54	19.38	20.19	19.80	20.57	20.96
	8H	18.92	19.68	19.35	20.07	20.48	19.38	20.14	19.81	20.53	20.94
	12H	18.87	19.60	19.31	19.98	20.42	19.35	20.08	19.78	20.46	20.89
4H	2H	17.87	18.75	18.27	19.11	19.49	17.66	18.55	18.07	18.90	19.29
	3H	19.31	20.04	19.73	20.45	20.85	19.40	20.13	19.82	20.54	20.94
	4H	19.62	20.27	20.06	20.69	21.14	19.96	20.61	20.40	21.03	21.48
	6H	19.64	20.20	20.11	20.65	21.12	20.16	20.71	20.63	21.16	21.63
	8H	19.59	20.11	20.07	20.56	21.03	20.15	20.67	20.63	21.12	21.59
	12H	19.55	19.99	20.04	20.48	20.96	20.12	20.57	20.61	21.06	21.53
8H	4H	19.72	20.23	20.19	20.68	21.16	20.03	20.55	20.50	21.00	21.47
	6H	19.75	20.16	20.26	20.66	21.15	20.26	20.67	20.77	21.17	21.66
	8H	19.71	20.07	20.24	20.59	21.09	20.27	20.64	20.80	21.16	21.66
	12H	20.44	20.75	20.96	21.25	21.83	20.89	21.21	21.41	21.71	22.28
12H	4H	19.68	20.12	20.17	20.61	21.09	19.98	20.43	20.47	20.91	21.39
	6H	20.06	20.08	20.25	20.55	21.10	20.55	20.58	20.75	21.05	21.60
	8H	19.69	20.00	20.21	20.50	21.08	20.25	20.56	20.77	21.06	21.64
对应照射距离，改变观察者位置S											
S = 1.0H	0.6/-0.8					0.6/-0.7					
S = 1.5H	1.4/-1.2					1.2/-1.1					
S = 2.0H	3.1/-1.5					2.8/-1.4					
标准表格	BK2					BK3					
更正系数	0.7					1.5					

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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	1691.30	1687.46	1638.35	1550.87	1431.16	1286.12	1115.00	949.24	785.03
30.0	1689.76	1699.74	1666.74	1591.54	1477.20	1329.86	1173.32	1001.43	829.53
60.0	1693.60	1702.81	1665.97	1587.70	1477.89	1335.92	1170.40	1003.57	833.52
90.0	1688.99	1700.51	1668.28	1591.54	1476.43	1324.49	1164.88	990.68	818.02
120.0	1692.83	1686.69	1630.67	1527.54	1418.65	1267.17	1097.12	922.31	763.85
150.0	1692.06	1672.88	1613.79	1513.27	1375.14	1212.45	1049.00	877.88	720.57
180.0	1691.30	1650.63	1531.53	1454.71	1297.63	1135.64	964.90	802.60	639.15
210.0	1689.76	1632.21	1527.92	1411.20	1259.95	1084.99	913.25	748.58	601.47
240.0	1693.60	1639.12	1543.19	1414.27	1259.26	1097.35	915.48	763.54	610.83
270.0	1688.99	1630.67	1527.15	1413.51	1263.33	1089.67	919.32	755.10	608.38
300.0	1692.83	1656.00	1575.42	1462.62	1318.35	1160.27	979.94	827.23	672.22
330.0	1692.06	1663.67	1595.37	1497.76	1365.39	1201.10	1032.04	865.98	710.82
360.0	1691.30	1687.46	1638.35	1550.87	1431.16	1286.12	1115.00	949.24	785.03
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	636.15	504.93	391.36	306.26	240.04	189.54	152.17	125.77	103.98
30.0	679.13	537.16	417.45	327.36	254.08	200.13	162.15	131.68	108.20
60.0	676.44	533.86	414.61	324.98	251.47	200.52	160.92	130.84	108.35
90.0	667.62	526.42	405.94	319.23	247.48	194.68	157.85	128.38	105.90
120.0	613.29	479.61	371.10	291.45	227.07	182.64	147.57	120.94	100.83
150.0	574.00	446.61	344.48	269.96	211.11	168.06	137.51	112.96	95.00
180.0	509.61	393.20	306.72	238.27	188.01	152.78	123.62	103.52	87.25
210.0	469.86	362.66	281.63	220.08	176.88	140.58	116.56	97.30	82.72
240.0	481.91	389.06	289.84	228.14	182.48	147.34	120.86	102.44	86.79
270.0	477.61	370.57	289.15	226.84	181.10	145.57	120.94	100.99	85.95
300.0	536.40	422.06	327.13	256.69	204.05	163.60	132.99	111.65	93.77
330.0	566.86	444.08	347.08	270.58	215.25	169.21	138.82	113.88	94.62
360.0	636.15	504.93	391.36	306.26	240.04	189.54	152.17	125.77	103.98
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	87.94	75.36	64.84	56.33	49.80	43.82	38.98	35.15	31.69
30.0	91.39	77.74	66.84	58.09	51.18	45.28	40.67	36.53	33.15
60.0	92.01	78.43	67.91	59.70	52.34	46.27	41.28	37.45	33.84
90.0	89.32	76.81	66.38	57.94	51.26	45.43	40.90	36.83	33.46
120.0	86.25	74.05	64.23	56.48	49.65	44.05	39.44	35.76	32.38
150.0	80.04	69.37	60.09	52.57	46.58	41.44	37.45	33.99	30.85
180.0	75.28	64.92	56.48	49.88	43.97	39.21	35.15	31.92	28.85
210.0	71.14	61.85	54.33	47.88	42.67	38.22	34.84	31.62	28.85
240.0	75.05	65.46	57.25	50.26	44.97	40.21	36.22	33.00	30.08
270.0	74.05	64.38	56.02	49.80	44.28	39.60	35.99	32.69	29.85
300.0	80.50	69.83	60.78	53.10	47.04	42.13	37.75	34.38	31.31
330.0	81.03	69.68	60.62	53.03	46.73	41.59	37.45	33.99	30.85
360.0	87.94	75.36	64.84	56.33	49.80	43.82	38.98	35.15	31.69
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	28.70	26.24	23.94	21.95	20.34	18.57	16.88	15.35	13.81
30.0	30.39	27.63	25.48	23.40	21.64	19.80	17.96	16.11	14.20
60.0	30.93	28.24	25.94	23.87	21.79	19.95	17.80	15.50	13.12
90.0	30.46	28.09	25.71	23.64	21.79	19.80	17.50	15.04	12.82
120.0	29.54	27.09	24.86	22.71	20.87	18.88	16.73	14.43	11.89
150.0	28.16	25.86	23.79	21.87	20.11	18.34	16.42	14.50	12.51
180.0	26.40	24.02	22.02	20.18	18.49	16.88	15.27	13.81	12.20
210.0	26.55	24.48	22.56	20.87	19.11	17.27	15.65	13.81	11.59
240.0	27.47	25.25	23.40	21.56	19.72	17.73	15.50	13.05	10.51
270.0	27.40	25.09	23.02	21.18	19.41	17.11	14.89	12.51	9.90
300.0	28.47	26.17	24.10	22.10	20.34	18.42	16.27	13.97	11.43
330.0	28.32	25.94	23.71	22.02	20.34	18.42	16.73	14.96	12.89
360.0	28.70	26.24	23.94	21.95	20.34	18.57	16.88	15.35	13.81

ROLED 壁灯

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	12.28	10.51	7.98	5.91	4.30	2.00	0.61	0.15	0.08
30.0	12.12	10.28	8.44	6.14	4.07	2.38	0.54	0.31	0.15
60.0	10.74	8.52	6.68	4.68	2.53	0.92	0.46	0.38	0.15
90.0	10.28	7.52	5.76	3.84	1.84	0.61	0.38	0.31	0.15
120.0	9.67	7.60	5.76	3.45	1.38	0.54	0.38	0.23	0.15
150.0	10.67	8.59	6.60	4.22	2.61	0.54	0.15	0.15	0.00
180.0	10.44	7.83	5.91	4.14	2.00	0.54	0.23	0.08	0.00
210.0	9.75	7.83	5.37	3.38	1.38	0.54	0.31	0.31	0.08
240.0	8.44	6.45	4.53	2.53	1.15	0.77	0.61	0.38	0.23
270.0	7.29	5.37	3.45	1.53	0.61	0.38	0.31	0.23	0.08
300.0	9.21	7.06	5.06	2.92	1.07	0.54	0.38	0.23	0.15
330.0	11.13	9.06	6.91	4.60	2.92	0.77	0.38	0.23	0.08
360.0	12.28	10.51	7.98	5.91	4.30	2.00	0.61	0.15	0.08
C/γ(°)	90.0								
0.0	0.08								
30.0	0.08								
60.0	0.15								
90.0	0.08								
120.0	0.00								
150.0	0.00								
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	0.08								