

浙大三色

Email:sensing@sensingm.com

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

ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(20-OL-36WN-AA, CT)

报告编号:

电压(V): 202.1000

测试编号: 20210224003

电流(A): 0.2040

光源规格型号: OL

功率(W): 40.3000

每个光源光通量(lm)

功率因数: 0.9770

光源数量: 36

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

灯具光通量(lm): 3900.98

灯具效能(lm/w): 96.80

中心光强(cd): 16667.410

最大光强(cd): 16744.140

最大光强角度: C=150.0 γ =2.0

半峰边角(50%Imax): [C0/180]Total=21.2

[C90/270]Total=21.2

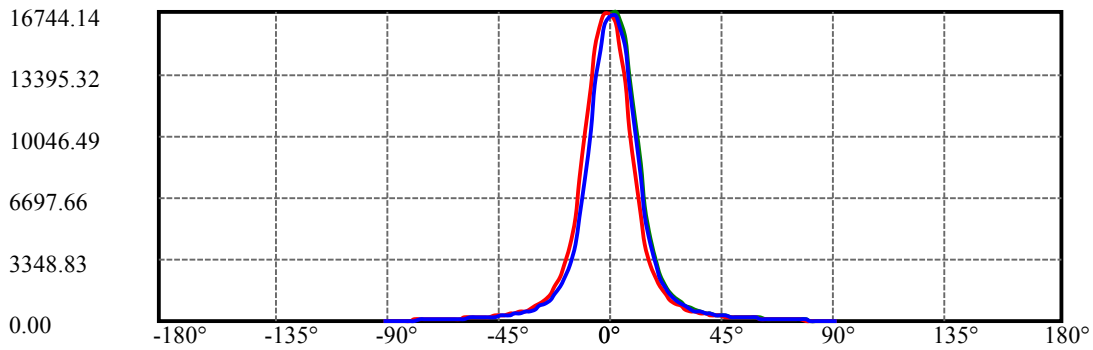
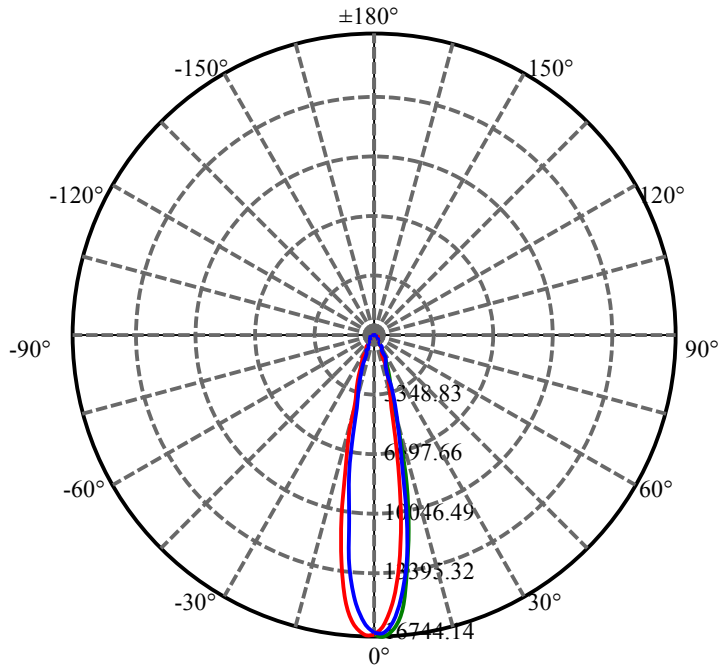
光束扩散角(10%Imax): [C0/180]Total=44.0

[C90/270]Total=43.8

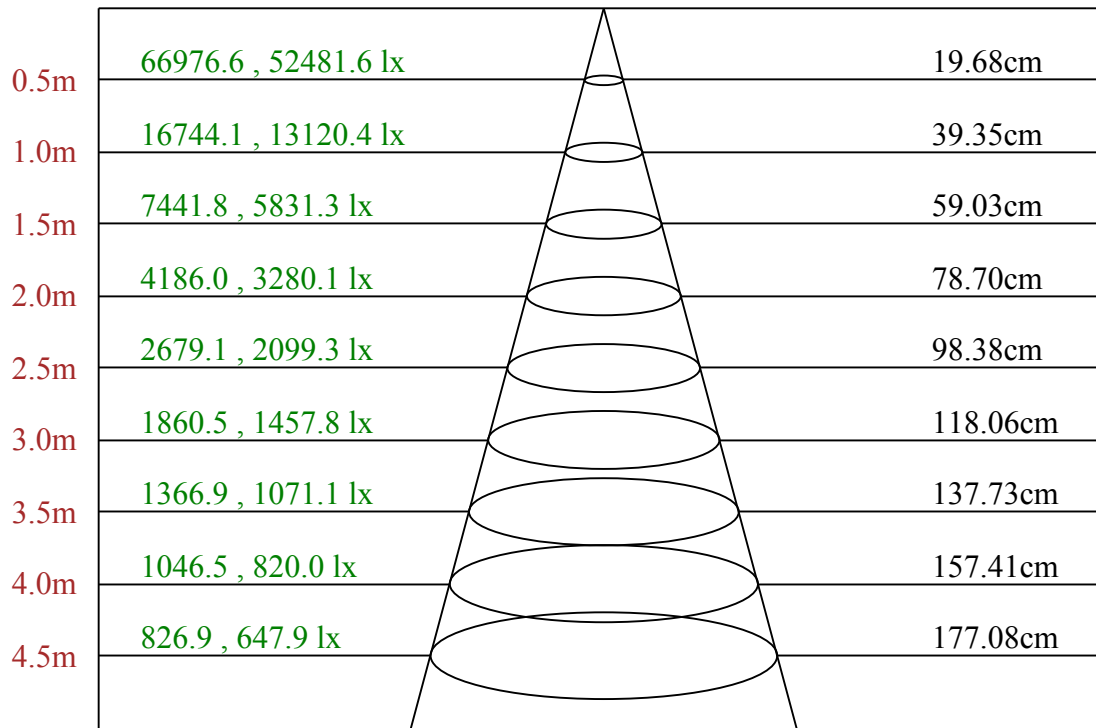
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

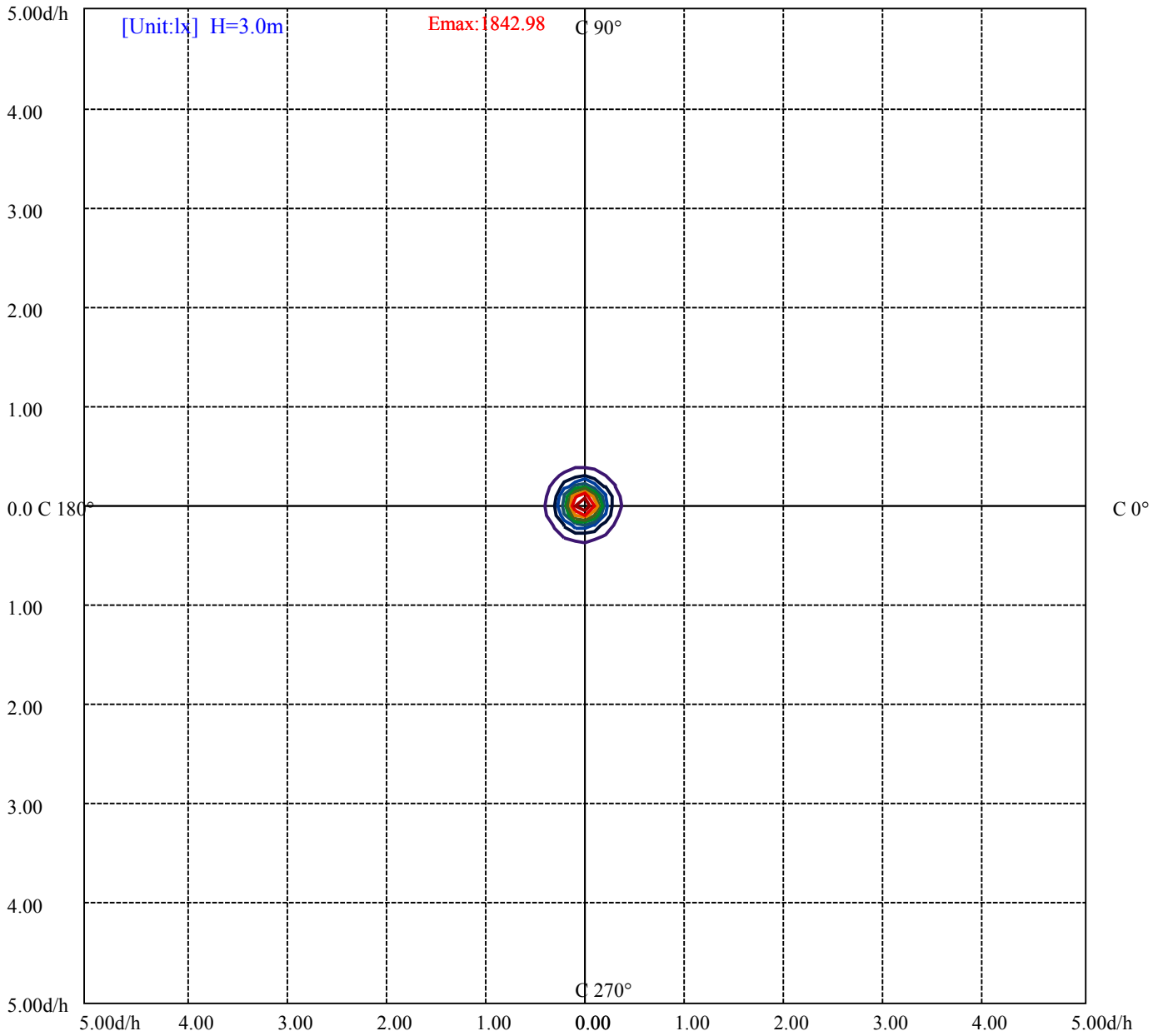


C150(Max): —
C0/C180: —
C90/C270: —



Max , Ave C150面光束角22.25

ROLED 投光灯
平面等照度曲线



- (10%Emax) 184.2978
- (20%Emax) 368.5956
- (30%Emax) 552.8933
- (40%Emax) 737.1912
- (50%Emax) 921.489
- (60%Emax) 1105.787
- (70%Emax) 1290.089
- (80%Emax) 1474.378
- (90%Emax) 1658.678

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 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

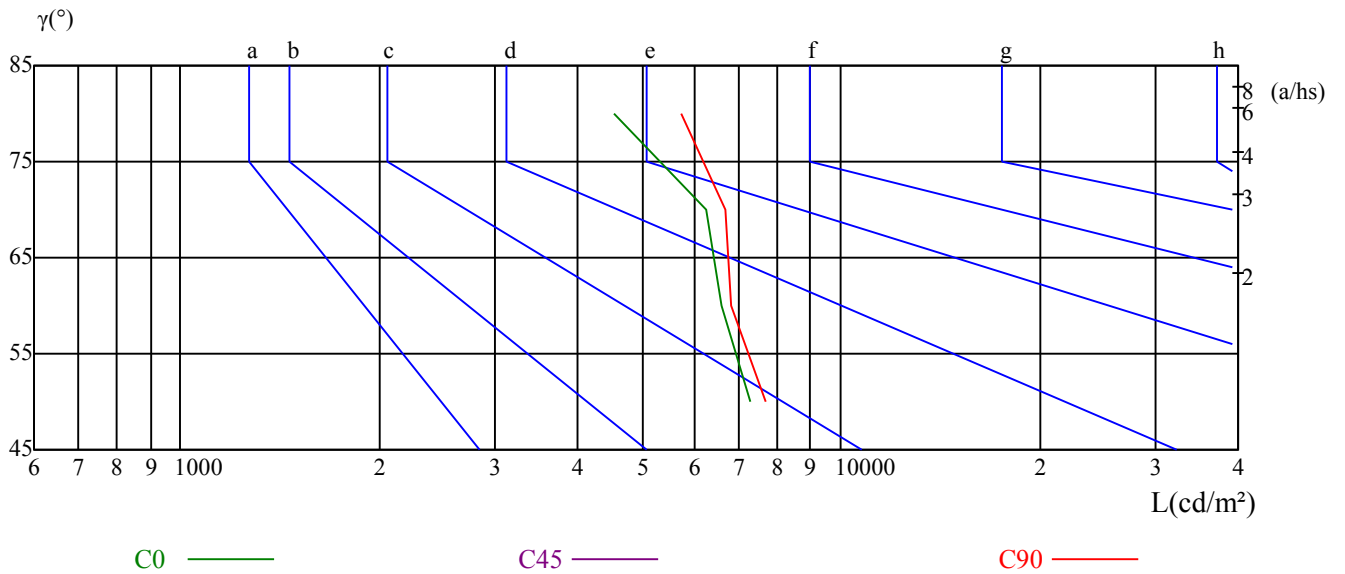
γ	45	50	55	60	65	70	75	80	85
C0	0	7279	0	6591	0	6248	0	4549	0
C45	0	0	0	0	0	0	0	0	0
C90	0	7704	0	6842	0	6675	0	5732	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
350556	396527	0	353662	334571	0	224449	201469	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: 2021/2/24
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	10.03	11.12	10.39	11.43	11.75	10.13	11.22	10.49	11.53	11.85
	3H	11.88	12.85	12.26	13.18	13.55	12.00	12.98	12.39	13.31	13.68
	4H	12.55	13.45	12.96	13.81	14.19	12.70	13.60	13.10	13.95	14.34
	6H	13.00	13.83	13.42	14.20	14.60	13.16	13.99	13.58	14.36	14.76
	8H	13.11	13.89	13.54	14.28	14.69	13.27	14.05	13.70	14.44	14.85
	12H	13.19	13.94	13.63	14.32	14.75	13.35	14.10	13.79	14.48	14.91
4H	2H	10.61	11.52	11.02	11.87	12.26	10.69	11.59	11.10	11.95	12.33
	3H	12.68	13.42	13.09	13.83	14.23	12.78	13.52	13.19	13.93	14.33
	4H	13.47	14.13	13.90	14.55	15.00	13.59	14.25	14.02	14.67	15.12
	6H	13.93	14.50	14.40	14.95	15.42	14.06	14.63	14.53	15.08	15.55
	8H	14.07	14.60	14.54	15.05	15.53	14.21	14.74	14.68	15.19	15.66
	12H	14.16	14.62	14.65	15.11	15.58	14.30	14.76	14.79	15.24	15.72
8H	4H	13.73	14.26	14.20	14.71	15.18	13.83	14.37	14.31	14.81	15.29
	6H	14.32	14.75	14.83	15.25	15.73	14.44	14.87	14.95	15.37	15.85
	8H	14.52	14.90	15.05	15.42	15.92	14.65	15.02	15.18	15.54	16.04
	12H	15.11	15.44	15.63	15.94	16.51	15.24	15.56	15.76	16.06	16.64
12H	4H	13.73	14.19	14.22	14.68	15.15	13.83	14.29	14.32	14.78	15.26
	6H	14.73	14.73	14.89	15.20	15.75	14.84	14.85	15.00	15.32	15.87
	8H	14.60	14.92	15.12	15.42	16.00	14.72	15.04	15.24	15.54	16.12
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.5					
S = 1.5H	0.8/-0.7					0.9/-0.8					
S = 2.0H	1.5/-0.8					1.4/-0.8					
标准表格	BK3					BK3					
更正系数	0.7					0.3					

ROLED 投光灯

光强数据表(cd)

附页 第7页 共8页

C/γ(°)	0.0	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0
0.0	16667.41	16084.20	14795.01	12899.59	10405.62	7965.36	5732.30	4128.48	3044.95
30.0	16598.34	16160.94	15048.24	13252.58	10850.70	8441.14	6215.75	4466.13	3319.67
60.0	16575.32	16276.04	15259.27	13746.01	11452.32	9032.78	6678.47	4800.70	3509.21
90.0	16552.30	16552.30	15953.75	14741.29	12746.12	10267.49	7804.21	5747.65	4136.16
120.0	16613.69	16667.41	16130.24	14879.42	12987.07	10497.70	7930.06	5827.45	4195.24
150.0	16606.02	16744.14	16299.07	15247.76	13360.02	10927.43	8502.53	6192.72	4435.43
180.0	16667.41	16675.08	16076.53	14804.99	12713.12	10285.91	7731.31	5569.62	4017.21
210.0	16598.34	16490.91	15554.71	14279.33	12120.70	9545.39	7204.89	5252.69	3802.35
240.0	16575.32	16299.07	15431.93	13743.70	11556.68	9008.99	6607.11	4857.49	3928.97
270.0	16552.30	16007.46	14705.23	12769.90	10324.28	7787.33	5625.63	4137.69	3036.51
300.0	16613.69	15999.79	14656.88	12669.38	10114.02	7589.35	5425.35	3982.68	2961.30
330.0	16606.02	15616.10	14448.92	12266.51	9882.27	7362.21	5350.91	3803.88	2845.43
360.0	16667.41	16084.20	14795.01	12899.59	10405.62	7965.36	5732.30	4128.48	3044.95
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2338.96	1827.89	1450.34	1172.55	960.75	802.68	659.18	563.25	481.91
30.0	2519.30	1975.99	1540.12	1248.52	1015.24	836.44	702.15	590.88	507.24
60.0	2640.54	2068.08	1530.30	1323.88	1072.33	882.64	738.68	618.27	525.88
90.0	3047.25	2337.43	1811.77	1454.18	1153.37	951.55	787.33	656.87	558.65
120.0	3084.08	2341.26	1850.91	1473.29	1193.96	976.03	805.98	671.61	571.77
150.0	3233.72	2464.04	1904.63	1522.47	1217.06	990.68	825.70	687.57	578.60
180.0	2982.02	2341.26	1920.74	1443.13	1159.20	958.30	784.34	660.02	557.88
210.0	2869.99	2215.41	1756.52	1399.62	1136.10	929.75	774.82	649.66	549.21
240.0	2668.17	2073.45	1656.00	1316.82	1072.02	890.92	735.15	617.74	530.26
270.0	2305.20	1826.35	1451.49	1175.62	964.75	794.77	661.71	564.87	482.07
300.0	2251.48	1785.68	1418.11	1147.99	940.04	778.12	646.13	552.51	473.47
330.0	2164.77	1698.97	1370.30	1102.80	915.17	756.17	631.17	537.09	464.65
360.0	2338.96	1827.89	1450.34	1172.55	960.75	802.68	659.18	563.25	481.91
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	419.75	377.63	330.13	292.29	265.59	242.26	222.00	206.35	191.84
30.0	438.17	388.29	339.33	303.88	273.11	248.02	228.45	210.95	196.52
60.0	452.91	396.81	348.93	311.78	277.64	252.77	231.06	212.79	197.75
90.0	477.31	413.62	365.58	322.99	288.15	260.75	237.20	218.40	201.36
120.0	489.20	423.51	372.87	329.59	295.59	264.74	242.34	222.69	205.66
150.0	494.19	431.27	389.83	334.27	299.35	269.12	245.87	224.46	208.04
180.0	482.30	418.07	366.88	326.98	291.99	263.36	240.27	221.77	205.12
210.0	475.47	414.31	362.89	323.22	289.76	261.45	239.73	221.00	204.51
240.0	453.52	395.97	349.69	310.94	279.02	252.77	231.36	213.48	198.29
270.0	417.15	368.11	324.22	288.61	260.52	237.89	217.93	202.20	187.24
300.0	409.78	364.04	322.76	287.61	260.22	238.81	219.24	204.20	190.08
330.0	404.02	356.14	317.16	283.62	257.22	234.51	216.78	200.98	187.24
360.0	419.75	377.63	330.13	292.29	265.59	242.26	222.00	206.35	191.84
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	178.95	166.67	156.08	145.34	135.98	126.08	115.57	105.59	94.23
30.0	182.33	170.66	159.08	148.87	138.20	127.77	117.95	107.74	96.69
60.0	183.86	171.82	160.07	149.18	138.59	128.84	118.64	108.97	98.15
90.0	186.47	174.04	161.46	150.87	140.35	130.61	120.86	111.35	100.68
120.0	191.77	178.72	167.21	155.55	145.34	134.90	125.16	114.95	104.36
150.0	193.07	180.26	167.98	156.70	146.57	135.98	125.62	115.26	105.28
180.0	190.54	178.03	166.06	155.16	144.65	134.98	125.01	115.18	104.29
210.0	190.85	178.34	166.21	154.93	144.88	133.98	124.01	113.80	102.75
240.0	183.71	171.36	159.77	148.56	138.90	128.54	118.56	108.43	97.69
270.0	174.04	162.99	151.86	141.43	131.45	121.94	111.81	101.75	91.09
300.0	177.03	165.52	154.55	144.27	134.06	124.39	113.73	103.67	92.39
330.0	174.65	163.14	152.09	142.27	132.07	121.55	111.96	101.60	90.86
360.0	178.95	166.67	156.08	145.34	135.98	126.08	115.57	105.59	94.23

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/2/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 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	81.80	70.21	58.47	46.50	34.84	22.41	10.74	1.53	0.69
30.0	84.80	72.98	60.93	49.34	37.83	25.17	13.35	2.84	0.84
60.0	86.64	74.74	62.46	51.49	39.75	27.63	15.96	5.37	0.92
90.0	90.17	78.27	66.22	55.10	43.89	32.31	20.57	9.82	0.92
120.0	93.85	81.57	69.22	56.94	46.35	33.84	22.41	10.74	1.53
150.0	94.31	82.19	70.52	58.55	47.73	34.99	23.48	12.28	2.07
180.0	92.78	80.57	68.99	56.71	44.74	32.54	20.72	9.29	1.00
210.0	91.70	78.89	66.92	54.94	44.05	30.62	18.57	7.37	1.00
240.0	85.72	74.28	62.08	50.57	39.67	26.78	14.96	4.60	0.84
270.0	79.19	67.30	55.48	44.74	32.92	21.72	10.21	1.76	0.61
300.0	80.42	68.37	56.25	45.43	33.30	21.56	9.59	1.07	0.54
330.0	78.58	66.45	54.33	43.13	31.46	20.11	8.75	1.00	0.46
360.0	81.80	70.21	58.47	46.50	34.84	22.41	10.74	1.53	0.69
C/γ(°)	90.0								
0.0	0.31								
30.0	0.23								
60.0	0.31								
90.0	0.61								
120.0	0.61								
150.0	0.69								
180.0	0.61								
210.0	0.46								
240.0	0.23								
270.0	0.31								
300.0	0.23								
330.0	0.23								
360.0	0.31								