

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F1018A-36-UN(60-OL-36WN-AA, CT)

报告编号:

电压(V): 220.2000

测试编号: 20210324001

电流(A): 0.1870

光源规格型号: OL

功率(W): 39.6000

每个光源光通量(lm)

功率因数: 0.9610

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): 3621.22

灯具效能(lm/w): 91.44

中心光强(cd): 3597.459

最大光强(cd): 3629.688

最大光强角度: $C=30.0$ $\gamma=4.0$

半峰边角(50%Imax): [C0/180]Total=53.4

[C90/270]Total=52.8

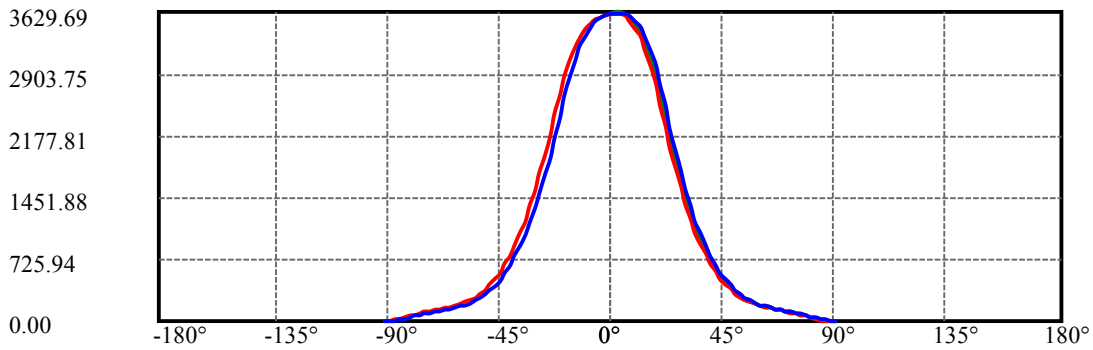
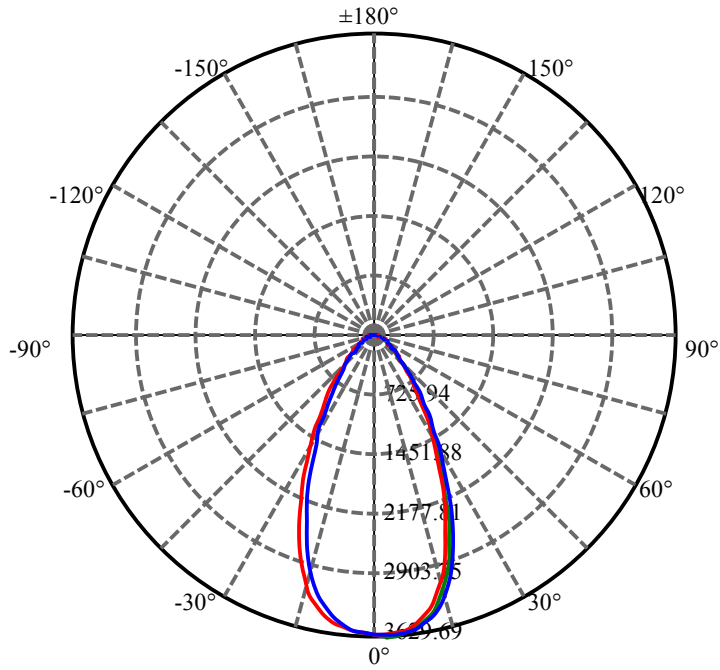
光束扩散角(10%Imax): [C0/180]Total=99.2

[C90/270]Total=98.1

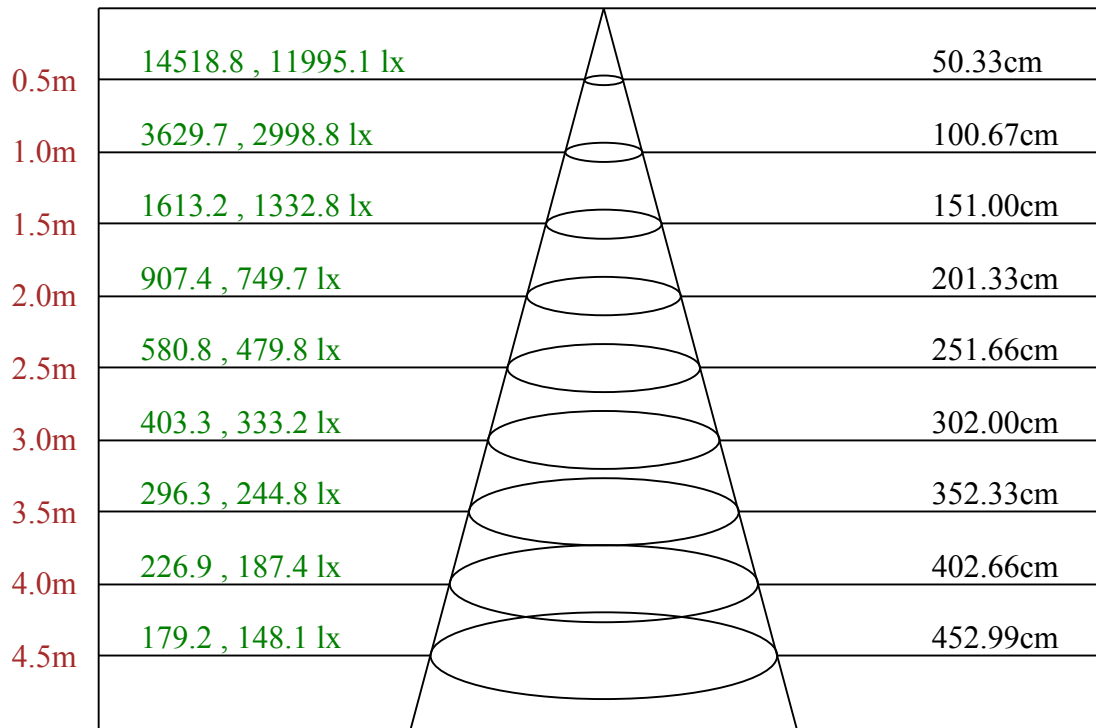
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/3/24
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

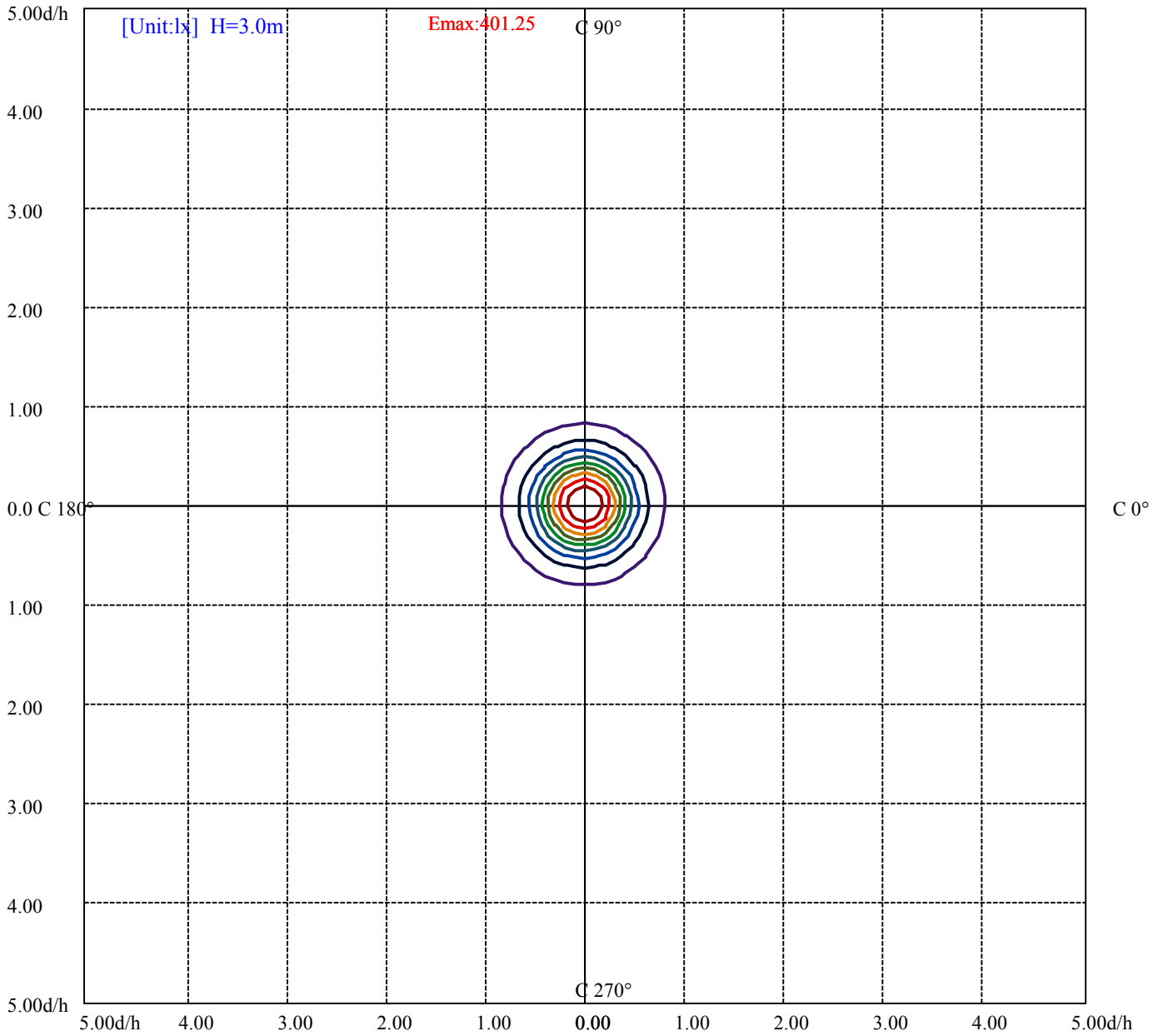


C30(Max): ——
C0/C180: ——
C90/C270: ——



Max , Ave C30面光束角53.43

ROLED 投光灯
平面等照度曲线



(10%Emax) 40.12523	—
(20%Emax) 80.25056	—
(30%Emax) 120.3756	—
(40%Emax) 160.5011	—
(50%Emax) 200.6267	—
(60%Emax) 240.7511	—
(70%Emax) 280.8766	—
(80%Emax) 321.0022	—
(90%Emax) 361.1278	—

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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)

亮度值表

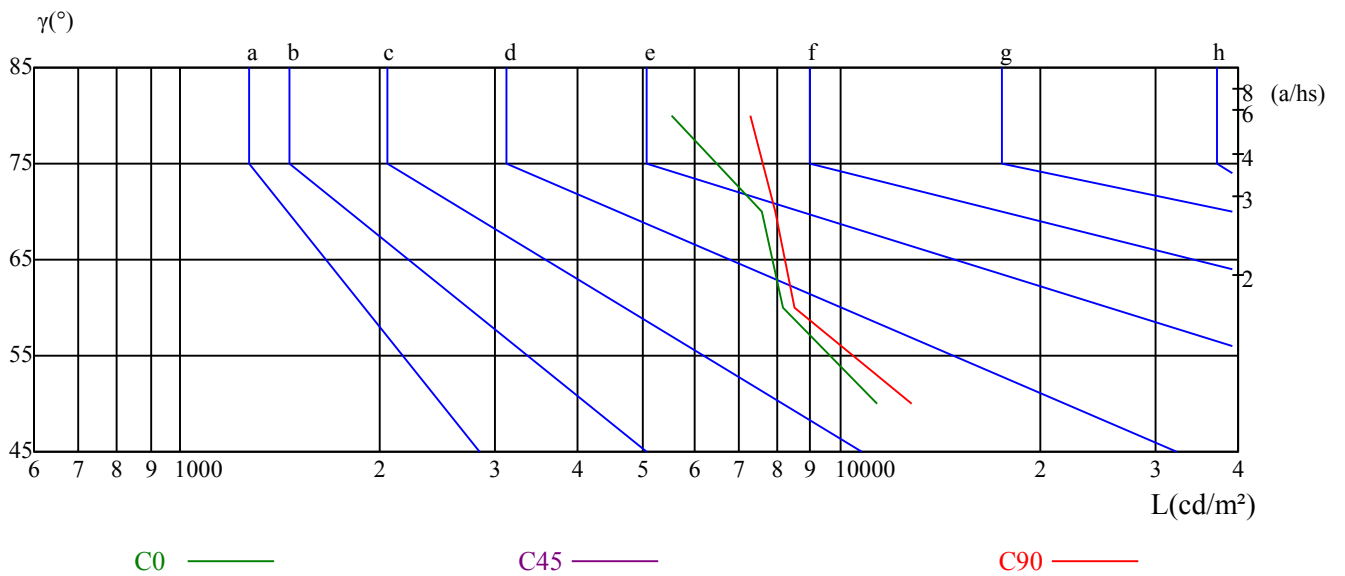
γ	45	50	55	60	65	70	75	80	85
C0	0	11340	0	8151	0	7601	0	5562	0
C45	0	0	0	0	0	0	0	0	0
C90	0	12772	0	8537	0	7977	0	7285	0

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



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	12.18	13.40	12.54	13.71	14.03	12.40	13.62	12.76	13.93	14.25
	3H	13.81	14.89	14.19	15.22	15.59	14.08	15.17	14.46	15.50	15.86
	4H	14.47	15.48	14.87	15.83	16.22	14.76	15.77	15.16	16.12	16.51
	6H	14.94	15.87	15.35	16.24	16.63	15.23	16.16	15.65	16.53	16.93
	8H	15.06	15.94	15.49	16.33	16.73	15.35	16.23	15.79	16.62	17.03
	12H	15.15	15.99	15.58	16.37	16.80	15.45	16.29	15.88	16.67	17.10
4H	2H	12.69	13.70	13.09	14.05	14.44	12.87	13.88	13.27	14.23	14.61
	3H	14.57	15.40	14.98	15.80	16.21	14.81	15.64	15.23	16.05	16.45
	4H	15.36	16.11	15.80	16.53	16.97	15.63	16.37	16.06	16.79	17.24
	6H	15.85	16.49	16.32	16.94	17.41	16.13	16.77	16.59	17.21	17.68
	8H	16.01	16.61	16.48	17.06	17.53	16.29	16.88	16.76	17.33	17.80
	12H	16.11	16.63	16.59	17.12	17.59	16.39	16.91	16.88	17.40	17.87
8H	4H	15.65	16.25	16.12	16.69	17.17	15.88	16.48	16.35	16.93	17.40
	6H	16.27	16.75	16.78	17.25	17.74	16.51	17.00	17.02	17.50	17.98
	8H	16.49	16.92	17.01	17.44	17.93	16.73	17.17	17.26	17.68	18.18
	12H	17.05	17.42	17.56	17.92	18.49	17.31	17.69	17.83	18.18	18.76
12H	4H	15.66	16.19	16.15	16.67	17.14	15.88	16.41	16.37	16.89	17.37
	6H	16.82	16.75	16.84	17.22	17.76	17.06	16.98	17.08	17.45	17.99
	8H	16.57	16.95	17.09	17.44	18.02	16.81	17.19	17.33	17.68	18.26
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.1					0.7/-1.0					
S = 1.5H	1.6/-1.3					1.4/-1.3					
S = 2.0H	3.1/-1.3					2.9/-1.4					
标准表格	BK3					BK3					
更正系数	3.4					3.0					

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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	3597.46	3603.60	3601.30	3573.67	3516.88	3434.77	3327.34	3180.77	2988.93
30.0	3611.27	3625.08	3629.69	3609.74	3566.76	3491.56	3392.57	3257.51	3077.18
60.0	3611.27	3624.32	3628.92	3615.88	3572.90	3505.37	3413.29	3289.74	3121.69
90.0	3605.13	3615.11	3616.64	3607.43	3576.74	3518.42	3440.91	3331.18	3180.77
120.0	3602.83	3605.90	3600.53	3584.41	3548.35	3487.72	3400.24	3283.60	3130.89
150.0	3599.76	3595.92	3584.41	3565.23	3530.70	3465.47	3383.36	3273.63	3124.76
180.0	3597.46	3583.65	3567.53	3539.91	3492.33	3417.13	3325.04	3213.00	3058.76
210.0	3611.27	3595.92	3572.14	3533.77	3476.98	3390.27	3284.37	3149.31	2980.49
240.0	3611.27	3593.62	3565.23	3523.79	3460.87	3377.22	3258.28	3123.99	2939.05
270.0	3605.13	3590.55	3561.39	3512.28	3440.91	3343.46	3219.91	3057.99	2865.38
300.0	3602.83	3595.16	3574.44	3529.16	3458.56	3362.64	3237.56	3074.11	2871.52
330.0	3599.76	3598.99	3582.88	3538.37	3469.31	3369.55	3242.93	3077.95	2880.73
360.0	3597.46	3603.60	3601.30	3573.67	3516.88	3434.77	3327.34	3180.77	2988.93
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	2767.93	2533.88	2269.13	2025.11	1794.13	1573.89	1371.30	1203.25	1043.63
30.0	2880.73	2640.54	2379.63	2123.33	1888.51	1656.76	1448.04	1267.71	1100.42
60.0	2916.03	2678.14	2430.28	2167.84	1918.44	1698.20	1495.31	1301.01	1129.04
90.0	3004.28	2780.20	2522.36	2257.62	2011.29	1769.57	1561.61	1360.56	1180.22
120.0	2952.10	2731.86	2500.11	2243.04	1990.57	1758.83	1525.54	1368.92	1199.10
150.0	2954.40	2747.21	2510.09	2262.22	2026.64	1794.89	1582.33	1394.32	1216.29
180.0	2872.29	2651.28	2425.68	2183.95	1940.69	1730.43	1525.93	1344.14	1172.86
210.0	2777.90	2559.97	2329.75	2091.87	1872.40	1644.49	1467.15	1285.05	1124.36
240.0	2721.12	2505.48	2260.69	2027.41	1807.17	1596.91	1399.69	1225.50	1074.33
270.0	2642.08	2397.28	2151.72	1915.37	1706.64	1496.31	1320.04	1152.68	1006.34
300.0	2642.84	2415.70	2164.00	1929.95	1713.55	1505.59	1314.52	1155.67	1002.96
330.0	2651.28	2399.58	2149.42	1909.23	1698.20	1485.18	1309.30	1140.78	994.75
360.0	2767.93	2533.88	2269.13	2025.11	1794.13	1573.89	1371.30	1203.25	1043.63
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	900.90	784.26	673.76	576.30	495.72	428.20	389.06	321.45	278.86
30.0	959.99	821.86	712.12	611.60	528.72	451.98	387.52	337.65	291.83
60.0	984.93	848.87	734.99	631.01	539.47	460.96	394.35	340.02	292.22
90.0	1030.59	890.16	766.61	659.18	570.16	488.05	417.45	362.05	310.94
120.0	1042.25	902.13	778.96	671.76	581.67	499.41	432.19	371.10	319.61
150.0	1065.89	923.92	797.30	688.34	596.25	511.84	440.47	387.52	330.89
180.0	1027.29	889.54	773.36	666.39	572.46	492.04	426.81	367.80	317.92
210.0	978.40	854.78	730.62	636.54	548.67	470.79	409.40	352.99	307.03
240.0	930.83	813.42	702.15	603.16	519.51	448.15	387.52	335.11	288.69
270.0	873.73	755.94	654.11	563.56	484.37	414.69	359.67	309.87	269.96
300.0	867.90	756.63	651.50	560.18	481.91	417.45	359.21	313.01	271.34
330.0	862.53	745.12	643.98	554.51	476.77	408.40	354.83	306.80	268.27
360.0	900.90	784.26	673.76	576.30	495.72	428.20	389.06	321.45	278.86
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	244.56	218.16	197.37	179.72	165.37	152.40	140.05	127.92	114.65
30.0	254.69	225.46	203.20	184.40	169.51	155.70	143.04	130.61	118.41
60.0	255.69	224.69	199.82	180.10	164.60	150.41	137.74	126.23	114.26
90.0	269.04	237.50	210.34	188.24	171.43	156.54	143.58	131.37	120.32
120.0	277.41	244.79	217.55	195.83	179.11	163.83	151.25	138.05	126.23
150.0	287.23	251.78	224.69	202.28	185.17	169.97	156.70	144.73	131.60
180.0	279.17	245.48	218.78	197.68	181.25	166.60	153.32	141.35	128.84
210.0	268.35	236.97	211.49	192.76	176.19	161.84	149.79	137.28	124.70
240.0	251.32	223.54	198.14	180.03	164.37	151.25	138.74	127.00	114.88
270.0	237.20	210.64	188.85	171.74	158.00	144.88	133.45	121.55	109.43
300.0	238.58	214.02	191.54	175.27	160.84	148.10	135.67	123.78	111.65
330.0	236.74	211.64	191.15	175.50	161.46	148.33	136.67	124.39	111.50
360.0	244.56	218.16	197.37	179.72	165.37	152.40	140.05	127.92	114.65

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	101.22	87.02	71.83	57.63	42.59	26.63	10.90	1.23	0.54
30.0	104.98	90.93	76.97	62.54	47.50	31.69	16.04	2.61	0.92
60.0	102.29	88.48	75.05	61.62	48.34	33.00	18.57	5.22	1.07
90.0	108.12	95.69	82.65	68.53	55.79	40.52	25.55	11.66	1.23
120.0	113.80	101.45	87.48	73.44	60.16	44.51	29.16	13.97	2.00
150.0	119.79	106.51	93.08	78.58	63.69	48.73	32.92	17.88	3.45
180.0	116.79	102.29	88.63	74.13	60.24	44.51	29.08	14.20	1.76
210.0	112.19	99.22	84.64	71.29	56.56	41.05	25.32	10.28	1.23
240.0	103.06	90.40	76.12	63.16	49.65	34.46	19.34	5.45	1.07
270.0	97.38	84.03	69.98	56.56	42.21	27.17	12.74	1.46	0.69
300.0	98.53	85.26	70.75	57.32	41.90	26.17	10.82	1.23	0.54
330.0	98.76	84.56	69.22	54.33	38.98	23.10	8.21	1.23	0.38
360.0	101.22	87.02	71.83	57.63	42.59	26.63	10.90	1.23	0.54
C/γ(°)	90.0								
0.0	0.31								
30.0	0.23								
60.0	0.31								
90.0	0.61								
120.0	0.84								
150.0	1.00								
180.0	0.84								
210.0	0.54								
240.0	0.31								
270.0	0.31								
300.0	0.31								
330.0	0.31								
360.0	0.31								