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## ROLED

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灯具名称: 投光灯  
灯具描述: TP-F3290S1-48-24DC(4020-OS-48WL-C.L1000.D70.C.CT)  
报告编号: 电压(V): 23.8000  
测试编号: 20230318001 电流(A): 0.5810  
光源规格型号: OS 功率(W): 13.8000  
每个光源光通量(lm) 功率因数: 1.0230  
光源数量: 48 镇流器型号:  
发光面长度(mm): 980 发光面宽度 (mm): 20  
测试模式: C 发光面高度(mm): 0

## 光度结果

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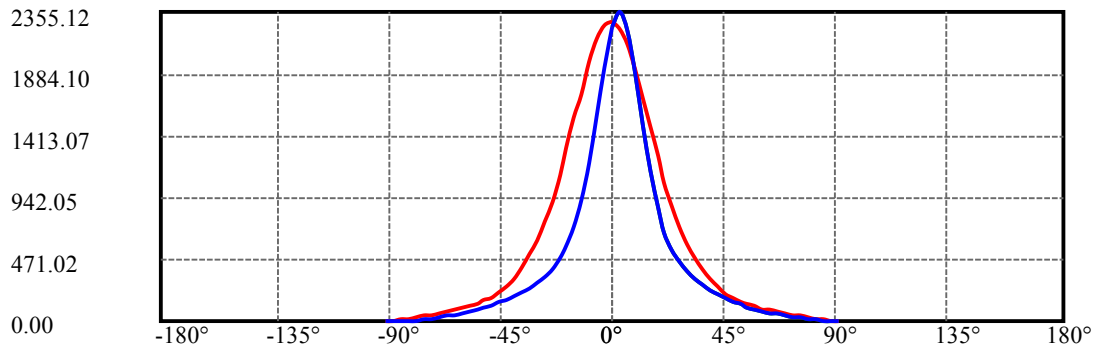
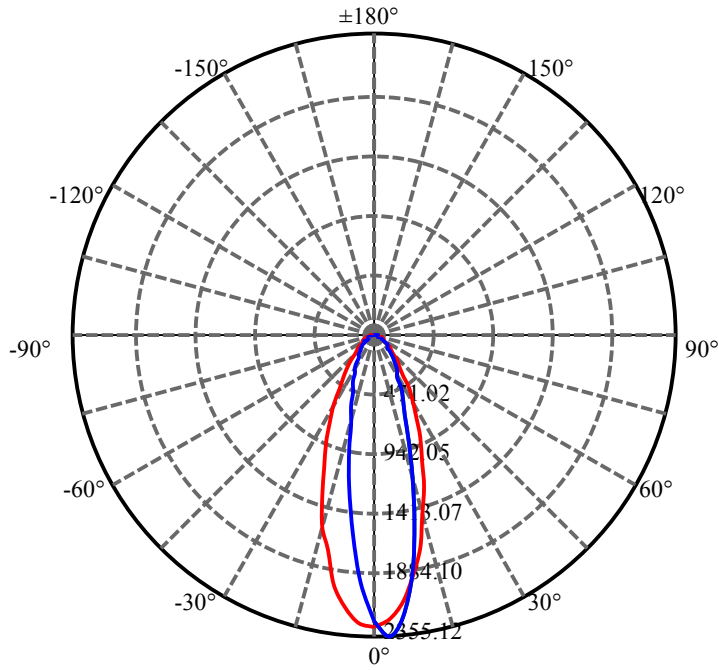
灯具光通量(lm): 1319.75  
灯具效能(lm/w): 95.63  
中心光强(cd): 2283.336  
最大光强(cd): 2355.123  
最大光强角度: C=90.0  $\gamma$ =3.0  
半峰边角(50%Imax): [C0/180]Total=40.2  
                                  [C90/270]Total=25.2  
光束扩散角(10%Imax): [C0/180]Total=88.1  
                                  [C90/270]Total=75.1

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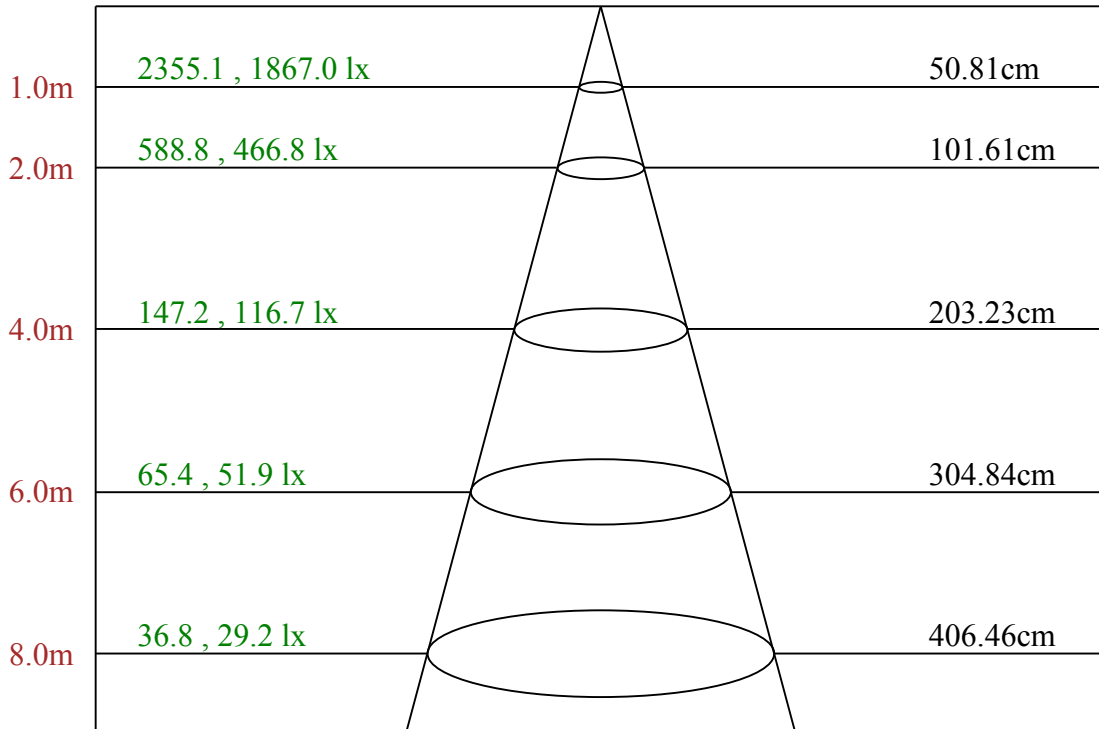
测试设备: GMS-1800  
环境温度(°C): 25.0

测试日期: 2023/3/18  
环境湿度(%): 60.0%

测试人员: 安培楼  
测试距离(m): 9.30

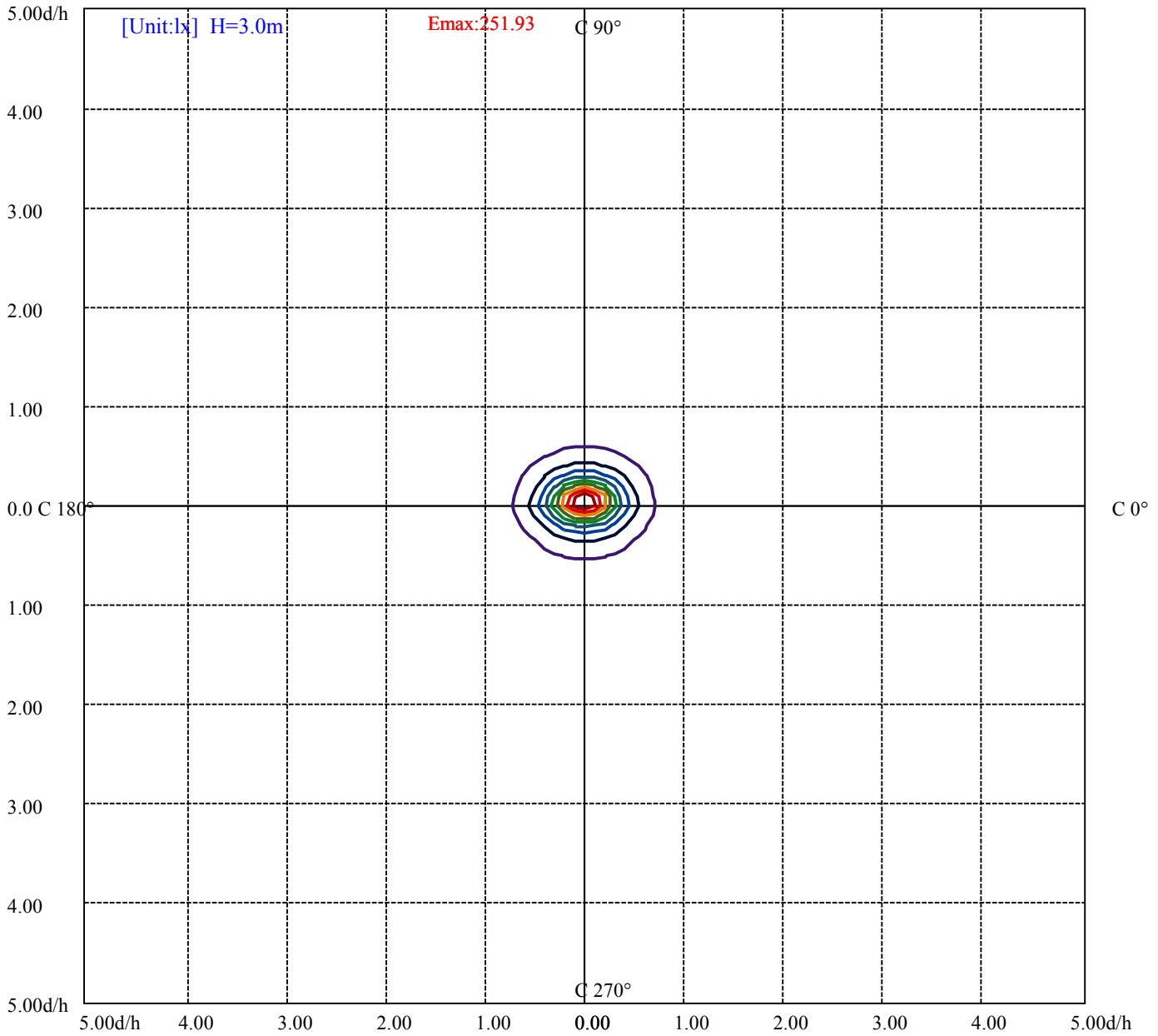


C90(Max): —  
C0/C180: —  
C90/C270: —



Max , Ave    C90面光束角28.44

ROLED 投光灯  
平面等照度曲线



(10%Emax) 25.19267	——
(20%Emax) 50.38533	——
(30%Emax) 75.578	——
(40%Emax) 100.7706	——
(50%Emax) 125.9633	——
(60%Emax) 151.1556	——
(70%Emax) 176.3489	——
(80%Emax) 201.5411	——
(90%Emax) 226.7333	——

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# ROLED 投光灯

## 灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

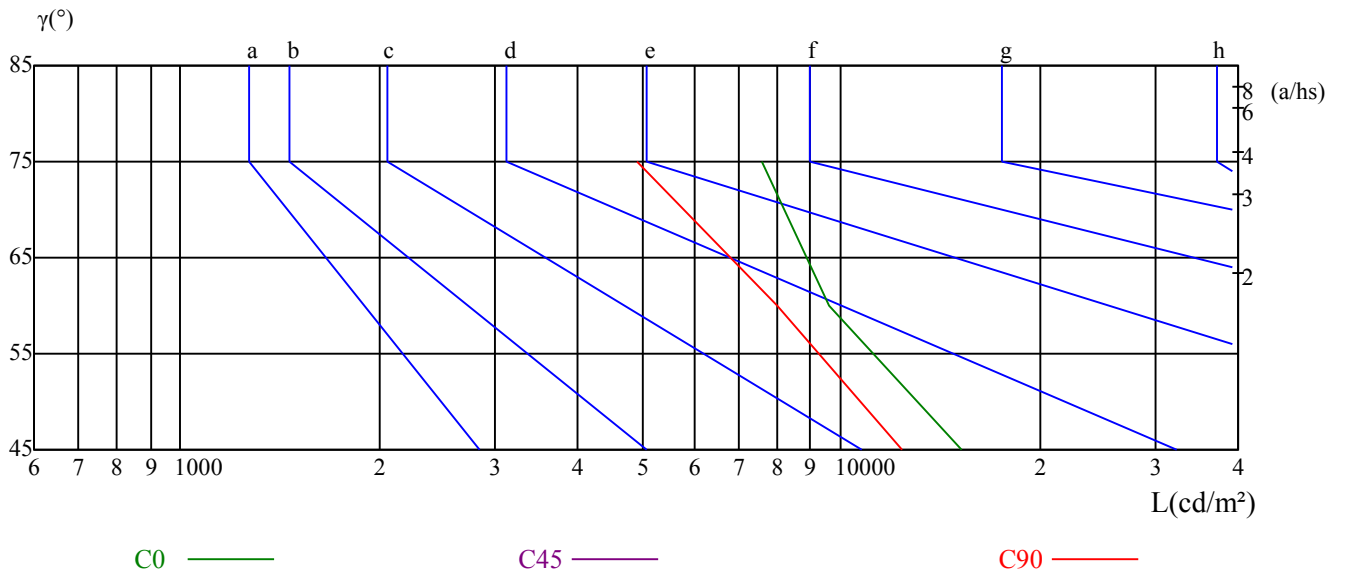
$\gamma$	45	50	55	60	65	70	75	80	85
C0	15258	0	0	9611	0	0	7604	0	0
C45	0	0	0	0	0	0	0	0	0
C90	12400	0	0	7996	0	0	4910	0	0

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	7664	3632	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	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E					2000	1000	500	$\leq 300$
		a	b	c	d	e	f	g	h

亮度限制曲线



# ROLED 投光灯

## 光强数据表(cd)

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C/γ(°)	0.0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
0.0	2283.34	2230.58	2099.98	1919.21	1700.39	1477.25	1252.38	1053.45	870.95
30.0	2267.77	2317.07	2240.96	2061.06	1805.05	1530.01	1254.97	1018.85	813.87
60.0	2266.90	2345.61	2208.95	1920.08	1578.87	1234.30	951.74	745.11	589.60
90.0	2240.96	2355.12	2209.82	1883.75	1488.49	1144.26	869.22	678.95	540.56
120.0	2267.77	2348.20	2212.41	1920.94	1575.93	1227.99	952.25	736.81	582.34
150.0	2262.58	2323.12	2252.20	2073.17	1812.83	1530.87	1249.78	1009.34	802.63
180.0	2283.34	2254.79	2144.09	1976.30	1725.13	1545.49	1322.17	1106.12	913.94
210.0	2267.77	2100.84	1865.59	1596.78	1322.26	1083.63	881.33	711.73	581.90
240.0	2266.90	2016.95	1668.39	1331.08	1037.02	815.60	645.22	523.26	437.64
270.0	2240.96	1934.78	1566.68	1204.81	921.38	722.97	577.15	475.95	400.36
300.0	2267.77	2013.49	1663.20	1325.89	1032.69	813.87	646.08	524.13	436.77
330.0	2262.58	2093.06	1853.48	1581.47	1307.90	1071.27	866.54	706.28	578.96
360.0	2283.34	2230.58	2099.98	1919.21	1700.39	1477.25	1252.38	1053.45	870.95
C/γ(°)	27.0	30.0	33.0	36.0	39.0	42.0	45.0	48.0	51.0
0.0	720.46	590.73	482.61	393.18	318.28	258.09	211.47	177.74	151.88
30.0	655.59	528.45	437.64	359.80	296.92	246.84	208.79	178.52	152.57
60.0	480.88	398.46	338.87	288.10	243.73	209.22	180.94	155.51	133.97
90.0	446.29	373.90	317.76	270.80	233.26	200.14	171.86	148.24	126.88
120.0	474.74	394.05	336.10	287.67	243.64	208.09	179.03	155.08	133.54
150.0	644.35	517.21	438.50	353.14	290.09	241.91	205.15	175.66	149.80
180.0	754.02	616.59	507.00	407.71	327.54	263.88	214.93	179.64	154.13
210.0	478.55	400.19	337.22	280.05	238.28	204.12	176.18	151.36	130.25
240.0	371.65	320.53	274.17	233.70	201.26	174.88	151.44	129.74	110.53
270.0	339.39	290.09	250.48	215.79	186.99	162.08	139.42	119.18	101.11
300.0	373.64	322.18	275.73	235.34	202.56	176.09	152.40	130.60	111.40
330.0	476.99	399.15	336.53	280.49	238.89	204.64	176.70	151.79	130.51
360.0	720.46	590.73	482.61	393.18	318.28	258.09	211.47	177.74	151.88
C/γ(°)	54.0	57.0	60.0	63.0	66.0	69.0	72.0	75.0	78.0
0.0	130.08	110.10	94.19	80.52	68.33	57.78	47.83	38.57	28.89
30.0	131.46	113.39	96.44	80.52	66.25	53.28	42.21	32.17	23.70
60.0	114.34	97.13	82.34	68.41	55.96	44.20	34.25	25.08	16.95
90.0	108.89	92.89	78.36	65.21	53.45	42.81	33.64	24.91	17.30
120.0	113.99	96.87	81.99	68.24	55.87	44.20	34.25	25.17	17.13
150.0	129.22	111.66	94.97	79.31	65.13	52.33	41.34	31.83	23.09
180.0	132.59	112.52	95.57	81.21	69.36	58.29	48.61	39.18	29.84
210.0	112.70	96.52	80.70	66.34	52.85	41.26	31.66	22.83	15.14
240.0	94.27	79.05	65.56	52.41	41.17	31.05	22.05	14.44	8.30
270.0	85.54	71.61	58.55	47.40	37.02	27.68	19.37	11.94	6.31
300.0	94.19	79.31	65.65	52.59	41.17	31.05	21.97	14.36	8.30
330.0	112.70	96.18	80.35	65.99	52.59	41.00	31.31	22.66	14.88
360.0	130.08	110.10	94.19	80.52	68.33	57.78	47.83	38.57	28.89
C/γ(°)	81.0	84.0	87.0	90.0					
0.0	18.34	8.56	2.16	0.26					
30.0	15.65	8.65	3.20	0.52					
60.0	10.64	5.54	2.25	0.43					
90.0	10.29	5.45	1.90	0.43					
120.0	10.72	5.62	2.34	0.35					
150.0	15.40	8.39	3.20	0.61					
180.0	19.63	9.95	3.03	0.26					
210.0	8.30	3.11	0.43	0.17					
240.0	3.81	1.12	0.26	0.17					
270.0	2.59	0.61	0.17	0.17					
300.0	3.72	1.04	0.17	0.09					
330.0	7.96	2.85	0.52	0.26					
360.0	18.34	8.56	2.16	0.26					

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