

浙大三色

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ROLED

灯具名称: 投光灯

灯具描述: F2013B-9-36DC (45-OL-9WN-AA, CT)

报告编号:

电压(V):

测试编号: 20210314014

电流(A):

光源规格型号: CR

功率(W): 19.3000

每个光源光通量(lm)

功率因数:

光源数量: 9

镇流器型号:

发光面长度(mm): 100

发光面宽度(mm): 100

测试模式: C

发光面高度(mm): 0

光度结果

灯具光通量(lm): 1631.11

灯具效能(lm/w): 84.51

中心光强(cd): 2120.260

最大光强(cd): 2170.139

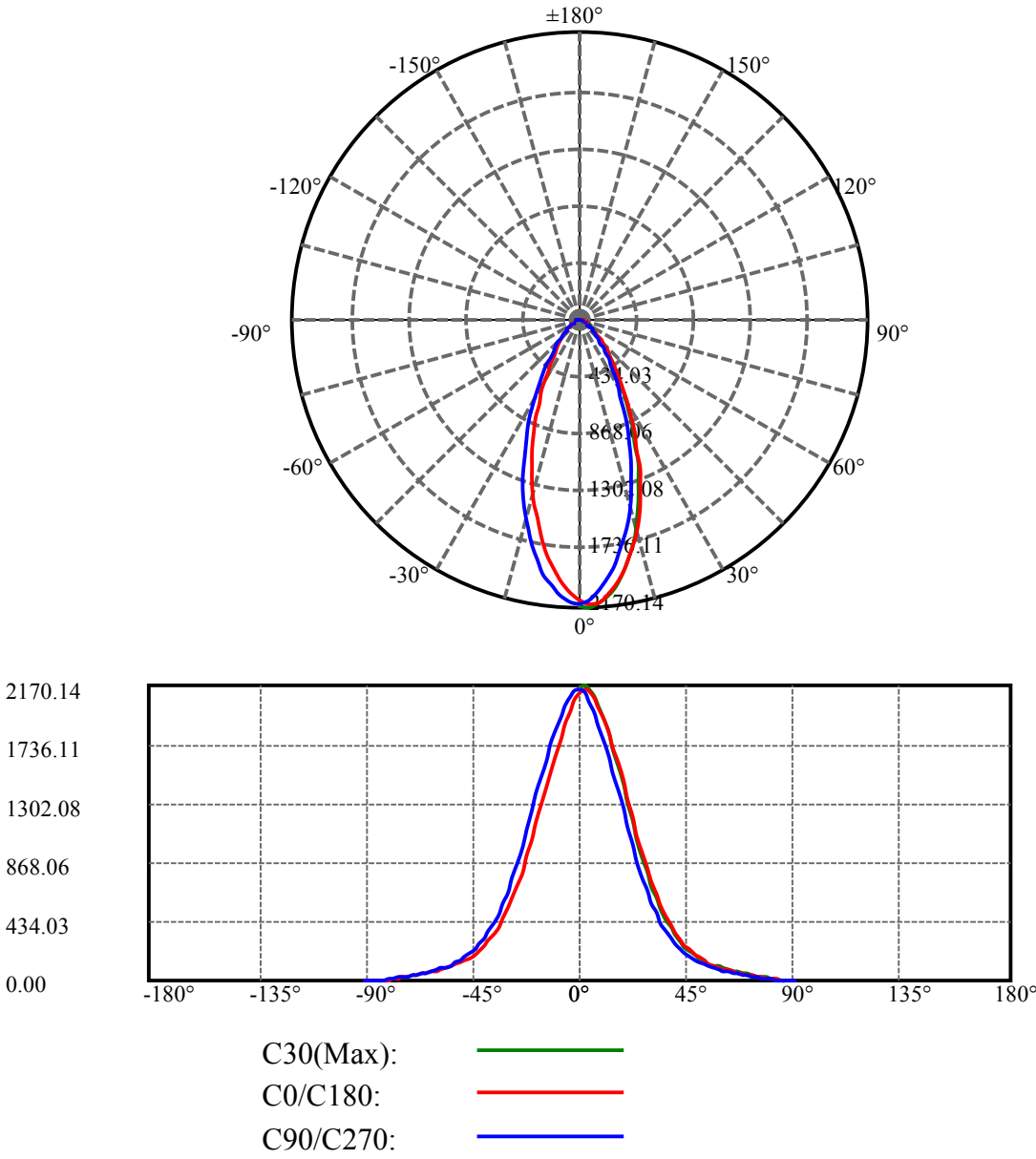
最大光强角度: C=30.0 γ =2.0

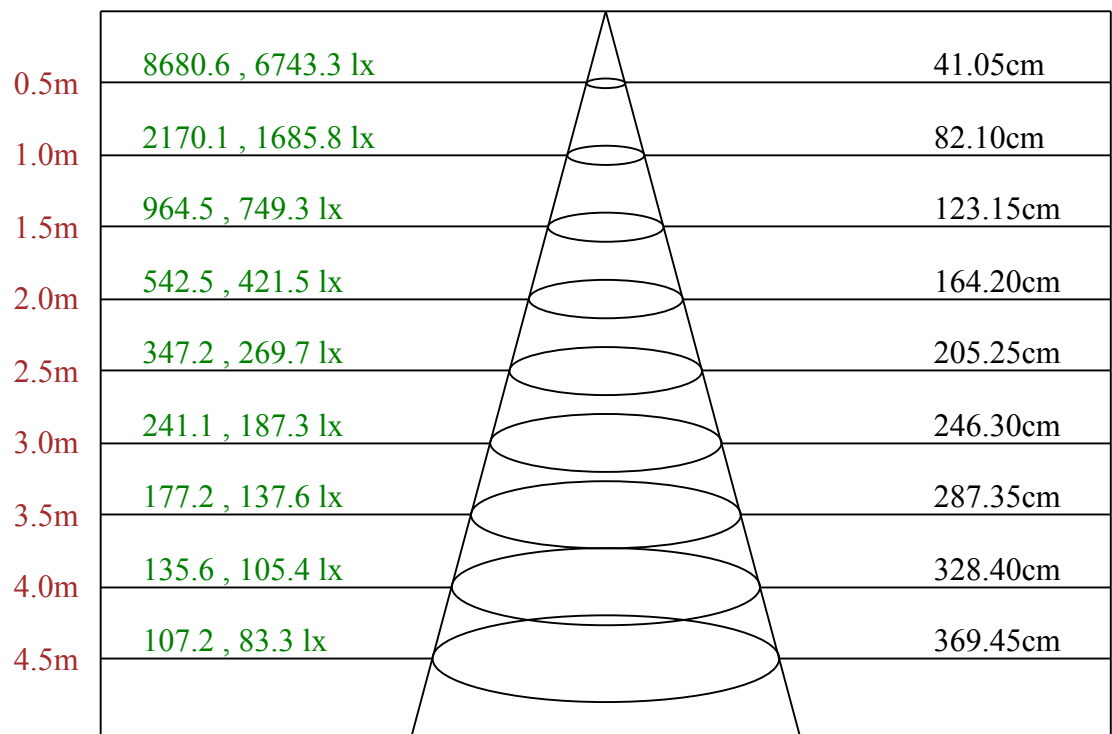
半峰边角(50%Imax): [C0/180]Total=43.8

[C90/270]Total=43.6

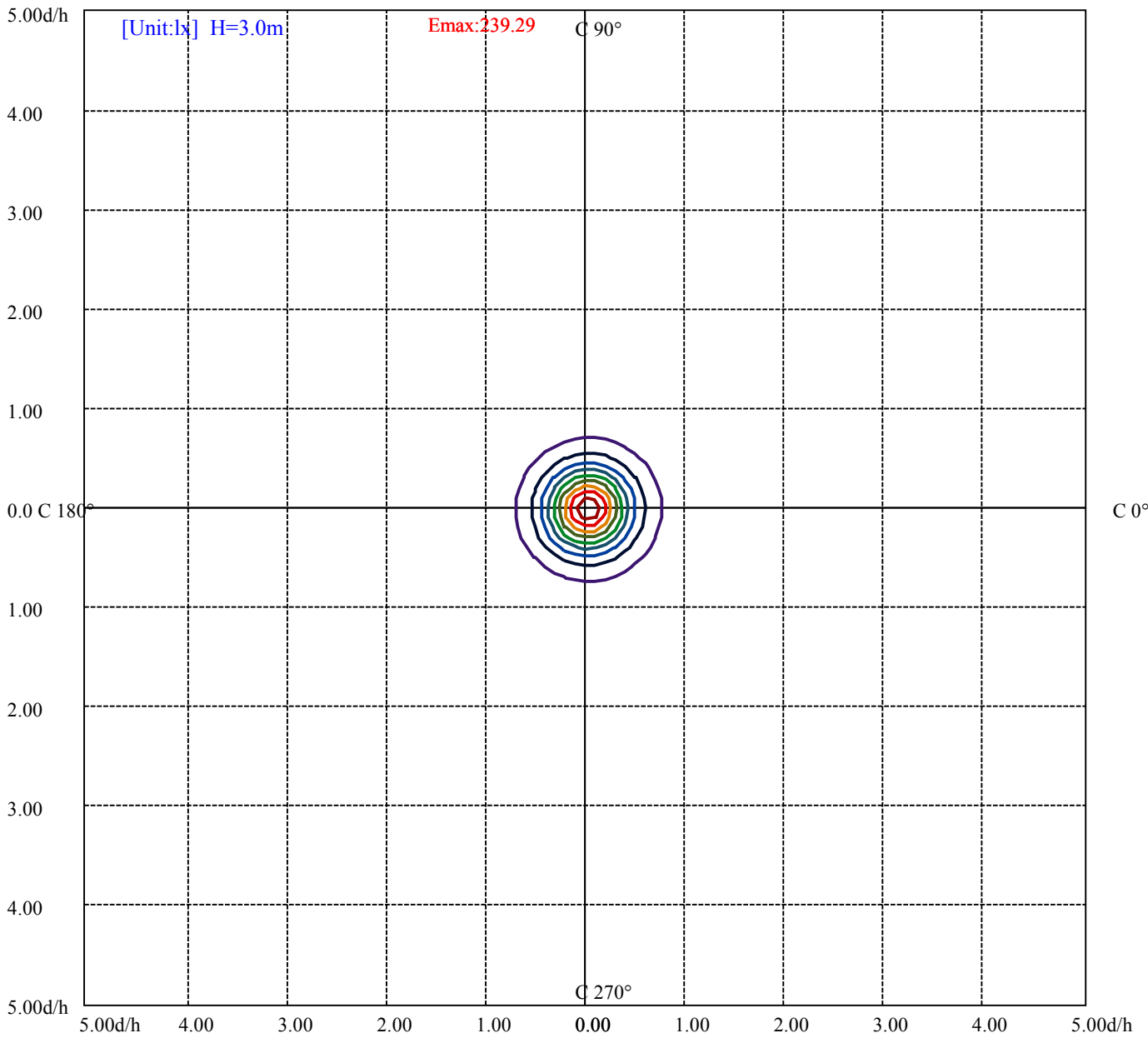
光束扩散角(10%Imax): [C0/180]Total=89.4

[C90/270]Total=88.1





Max , Ave C30面光束角44.61



(10%Emax)	23.92933	
(20%Emax)	47.85867	
(30%Emax)	71.78799	
(40%Emax)	95.71733	
(50%Emax)	119.6467	
(60%Emax)	143.5756	
(70%Emax)	167.5056	
(80%Emax)	191.4344	
(90%Emax)	215.3644	

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

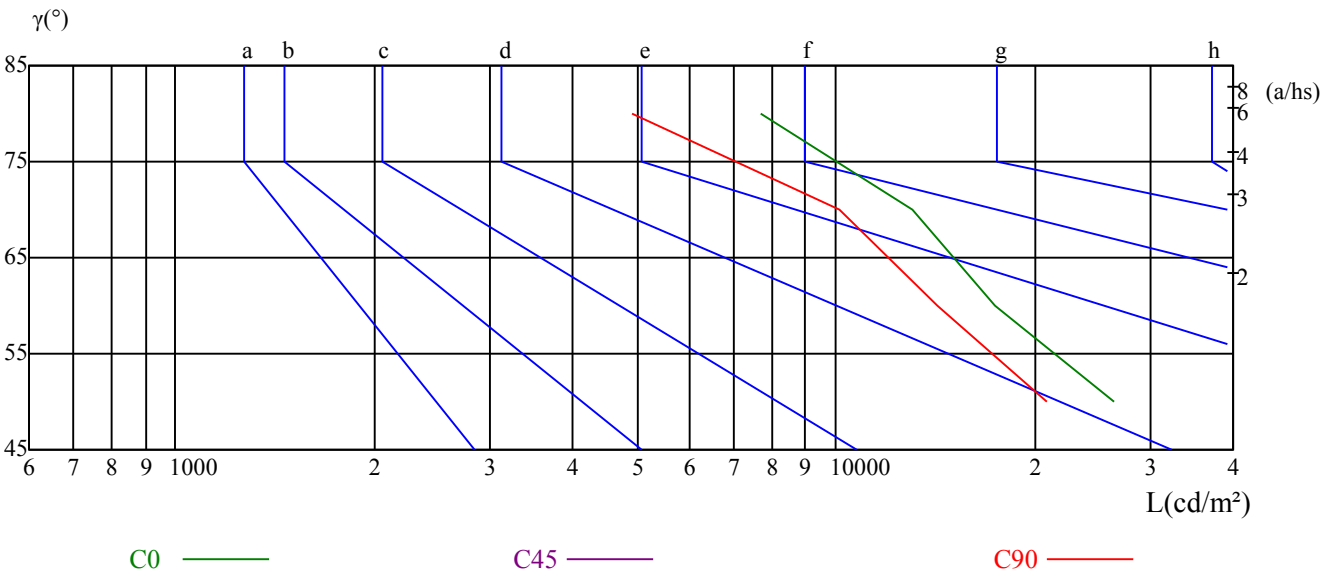
γ	45	50	55	60	65	70	75	80	85
C0	0	26348	0	17481	0	13036	0	7689	0
C45	0	0	0	0	0	0	0	0	0
C90	0	20916	0	14242	0	10119	0	4905	0

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	17.23	18.41	17.59	18.73	19.04	17.49	18.67	17.85	18.98	19.30
	3H	18.31	19.36	18.69	19.69	20.06	18.65	19.70	19.03	20.03	20.40
	4H	18.66	19.63	19.06	19.98	20.37	18.99	19.97	19.40	20.32	20.70
	6H	18.78	19.67	19.20	20.05	20.44	19.11	20.00	19.53	20.38	20.77
	8H	18.77	19.61	19.20	20.01	20.41	19.10	19.94	19.53	20.33	20.74
	12H	18.75	19.55	19.18	19.93	20.37	19.07	19.88	19.51	20.26	20.69
4H	2H	17.67	18.65	18.08	19.00	19.38	17.88	18.86	18.29	19.21	19.60
	3H	18.97	19.76	19.38	20.17	20.57	19.25	20.05	19.66	20.45	20.86
	4H	19.39	20.10	19.83	20.52	20.97	19.67	20.38	20.10	20.80	21.25
	6H	19.54	20.15	20.01	20.60	21.07	19.81	20.42	20.28	20.87	21.34
	8H	19.53	20.10	20.01	20.55	21.02	19.80	20.37	20.27	20.82	21.29
	12H	19.51	20.00	20.00	20.49	20.97	19.77	20.27	20.26	20.76	21.23
8H	4H	19.50	20.07	19.98	20.52	20.99	19.76	20.33	20.23	20.77	21.25
	6H	19.69	20.15	20.20	20.65	21.13	19.93	20.39	20.44	20.89	21.37
	8H	19.70	20.11	20.23	20.63	21.12	19.94	20.35	20.47	20.87	21.36
	12H	20.33	20.68	20.84	21.18	21.75	20.58	20.93	21.10	21.43	22.01
12H	4H	19.47	19.97	19.96	20.45	20.93	19.72	20.22	20.21	20.70	21.18
	6H	20.11	20.07	20.20	20.54	21.09	20.35	20.31	20.43	20.78	21.33
	8H	19.69	20.05	20.21	20.54	21.12	19.93	20.28	20.45	20.78	21.36
对应照射距离，改变观察者位置S											
S = 1.0H	0.8/-1.1					0.9/-1.1					
S = 1.5H	1.7/-1.8					2.0/-1.7					
S = 2.0H	3.6/-2.4					3.9/-2.1					
标准表格	BK2					BK2					
更正系数	3.9					4.9					

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	2120.26	2145.58	2130.24	2077.29	2012.06	1929.18	1826.36	1715.85	1599.21
30.0	2157.09	2170.14	2138.68	2088.03	2019.73	1928.42	1820.98	1698.97	1575.42
60.0	2150.19	2134.84	2079.59	2009.76	1926.88	1825.59	1718.16	1593.07	1469.30
90.0	2143.28	2111.82	2048.89	1965.25	1867.03	1761.13	1643.72	1524.78	1395.09
120.0	2133.31	2081.89	2008.22	1918.44	1814.08	1693.60	1530.53	1442.51	1306.38
150.0	2132.54	2076.52	1999.01	1905.40	1797.20	1685.16	1559.31	1433.46	1297.63
180.0	2120.26	2058.10	1975.99	1883.91	1781.08	1662.90	1529.30	1426.40	1295.87
210.0	2157.09	2104.91	2031.24	1948.37	1850.91	1735.81	1615.33	1502.75	1368.16
240.0	2150.19	2123.33	2065.78	1992.88	1910.00	1807.17	1689.00	1566.21	1443.43
270.0	2143.28	2131.00	2082.66	2018.97	1937.62	1840.17	1735.81	1619.93	1502.14
300.0	2133.31	2147.89	2124.10	2068.08	2001.32	1916.14	1811.01	1704.34	1577.73
330.0	2132.54	2151.72	2134.07	2087.26	2022.04	1936.86	1835.56	1728.90	1599.21
360.0	2120.26	2145.58	2130.24	2077.29	2012.06	1929.18	1826.36	1715.85	1599.21
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	1465.69	1340.61	1204.01	1067.42	944.64	827.23	725.17	633.85	550.98
30.0	1439.60	1306.07	1167.18	1035.19	909.34	797.30	693.71	600.09	521.05
60.0	1332.70	1199.56	1063.43	934.74	820.86	713.66	622.65	532.41	461.58
90.0	1261.57	1127.28	1000.66	875.58	760.47	661.48	570.16	493.42	420.52
120.0	1170.40	1041.94	914.94	799.99	700.38	606.53	527.49	450.07	390.29
150.0	1164.11	1040.56	916.25	801.91	696.01	606.23	522.58	452.75	388.29
180.0	1164.80	1040.18	915.79	801.75	703.22	612.21	534.25	455.51	394.89
210.0	1241.54	1109.63	977.94	857.85	753.03	650.58	562.87	489.28	419.29
240.0	1306.07	1175.62	1052.84	923.92	811.12	706.75	615.44	532.56	461.19
270.0	1372.76	1247.06	1111.93	989.61	868.44	752.80	653.04	567.32	485.60
300.0	1441.13	1306.07	1173.32	1035.19	919.32	804.21	698.31	606.99	527.96
330.0	1473.36	1342.52	1199.79	1071.72	945.48	824.62	718.03	626.56	538.70
360.0	1465.69	1340.61	1204.01	1067.42	944.64	827.23	725.17	633.85	550.98
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	471.17	407.48	350.23	302.50	260.83	224.07	194.68	169.36	147.64
30.0	448.92	388.29	334.19	287.00	247.17	215.25	186.93	163.53	143.81
60.0	396.81	343.09	294.75	254.08	221.39	191.15	168.29	148.03	131.76
90.0	364.58	312.55	270.19	232.59	201.13	175.88	153.32	134.44	117.64
120.0	335.57	288.15	250.17	216.48	189.70	165.06	146.80	130.38	117.18
150.0	336.26	289.22	250.93	217.32	189.24	166.98	147.49	131.84	117.26
180.0	340.02	292.68	254.62	220.70	193.00	167.06	147.72	129.46	114.80
210.0	360.90	312.78	268.35	232.44	201.97	177.11	155.85	138.51	122.93
240.0	395.20	341.64	292.14	252.54	218.70	189.24	166.14	146.34	129.92
270.0	417.45	360.82	307.64	265.90	228.99	196.45	170.28	149.18	129.46
300.0	454.29	391.36	338.57	289.30	249.63	214.71	187.32	163.91	144.42
330.0	464.42	401.95	343.09	294.67	253.54	219.70	190.92	166.52	146.57
360.0	471.17	407.48	350.23	302.50	260.83	224.07	194.68	169.36	147.64
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	127.62	112.50	98.69	87.40	77.28	68.22	60.39	52.34	44.59
30.0	128.00	113.96	101.29	90.40	80.73	72.21	63.92	56.17	48.19
60.0	117.64	105.05	93.62	82.95	74.05	65.53	57.94	50.11	42.67
90.0	103.60	91.09	80.27	71.21	62.85	55.17	47.88	41.29	34.61
120.0	105.36	94.08	84.10	75.20	67.07	59.24	52.03	44.35	36.68
150.0	105.82	95.31	85.79	77.12	69.29	61.93	54.48	46.73	37.83
180.0	101.68	90.32	80.81	72.06	64.23	56.56	49.27	42.13	36.60
210.0	109.97	98.99	88.17	79.04	70.91	63.39	56.02	48.50	40.90
240.0	114.65	103.21	91.93	82.42	73.90	65.46	58.01	50.11	42.59
270.0	113.27	99.91	87.63	77.05	67.99	60.16	52.64	45.12	38.29
300.0	126.46	113.19	100.22	89.40	79.81	70.75	63.00	55.48	47.58
330.0	129.53	115.57	101.60	90.78	80.96	72.36	64.38	56.63	49.19
360.0	127.62	112.50	98.69	87.40	77.28	68.22	60.39	52.34	44.59

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	38.06	32.61	26.78	20.18	13.35	8.29	1.61	1.23	0.84
30.0	40.21	32.84	26.63	20.41	13.05	7.29	2.99	1.15	0.77
60.0	34.92	28.47	22.64	16.50	9.44	5.60	1.38	1.00	0.54
90.0	30.24	25.55	19.80	13.05	8.52	2.38	1.38	0.92	0.38
120.0	30.16	24.71	18.57	11.51	6.60	2.15	1.07	0.69	0.38
150.0	30.62	22.95	15.73	9.06	4.14	1.61	0.84	0.54	0.31
180.0	30.54	24.86	17.57	11.36	5.99	1.54	1.15	0.77	0.38
210.0	33.53	27.09	20.57	13.43	7.52	3.07	1.31	0.84	0.38
240.0	34.92	29.01	23.25	16.35	9.52	5.45	1.38	0.92	0.46
270.0	33.23	28.16	22.95	15.73	10.21	4.68	1.46	1.15	0.54
300.0	39.83	32.77	26.78	20.64	13.74	7.37	3.30	1.15	0.77
330.0	41.21	33.46	26.71	20.95	13.74	7.75	3.76	1.15	0.84
360.0	38.06	32.61	26.78	20.18	13.35	8.29	1.61	1.23	0.84
C/γ(°)	90.0								
0.0	0.38								
30.0	0.46								
60.0	0.38								
90.0	0.23								
120.0	0.08								
150.0	0.08								
180.0	0.08								
210.0	0.15								
240.0	0.15								
270.0	0.31								
300.0	0.38								
330.0	0.46								
360.0	0.38								