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## ROLED

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灯具名称: 水下灯  
灯具描述: U1112A-3-12DC(10-OL-3WN-AA.P1)  
报告编号: 电压(V): 12.2000  
测试编号: 20211027010 电流(A): 0.2700  
光源规格型号: OL 功率(W): 3.3000  
每个光源光通量(lm) 功率因数: 1.0120  
光源数量: 3 镇流器型号:  
发光面长度(mm): 55 发光面宽度 (mm): 55  
测试模式: C 发光面高度(mm): 0

## 光度结果

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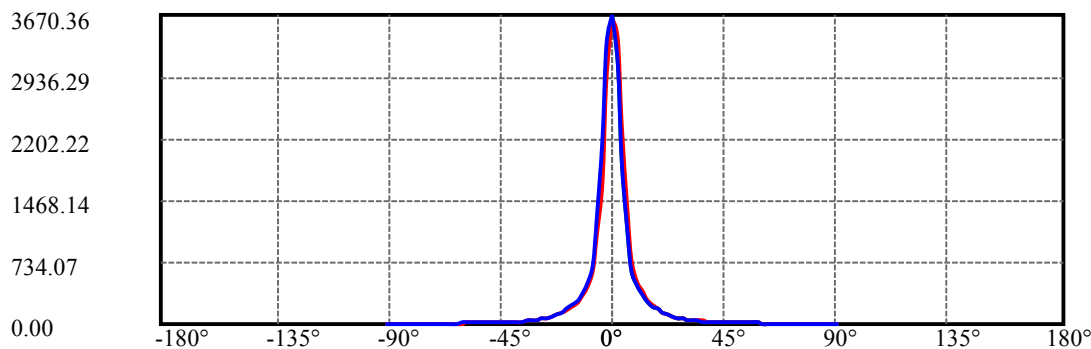
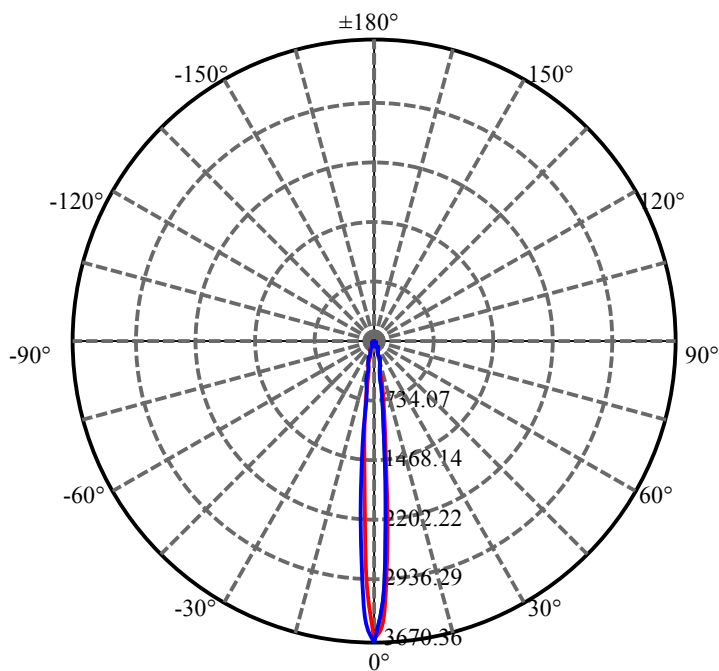
灯具光通量(lm): 291.80  
灯具效能(lm/w): 88.42  
中心光强(cd): 3618.178  
最大光强(cd): 3670.360  
最大光强角度: C=90.0  $\gamma$ =0.0  
半峰边角(50%Imax): [C0/180]Total=8.9  
                                  [C90/270]Total=9.1  
光束扩散角(10%Imax): [C0/180]Total=23.9  
                                  [C90/270]Total=23.3

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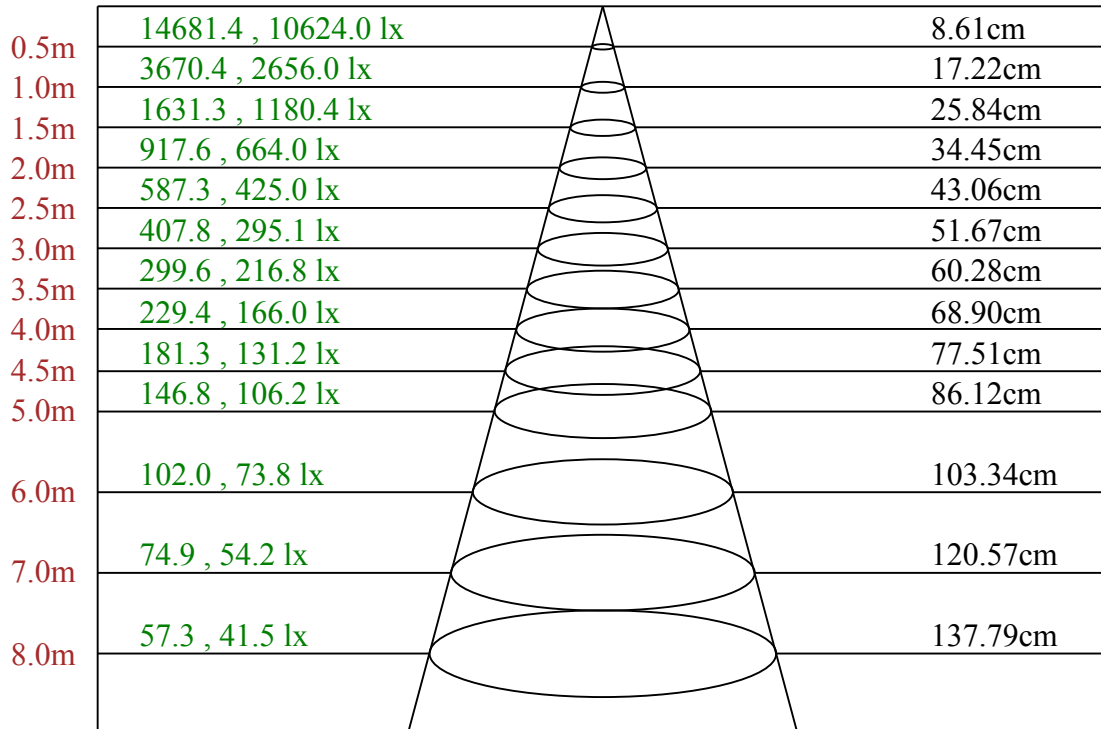
测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/10/27  
环境湿度(%): 60.0%

测试人员: anpeilou  
测试距离(m): 8.76

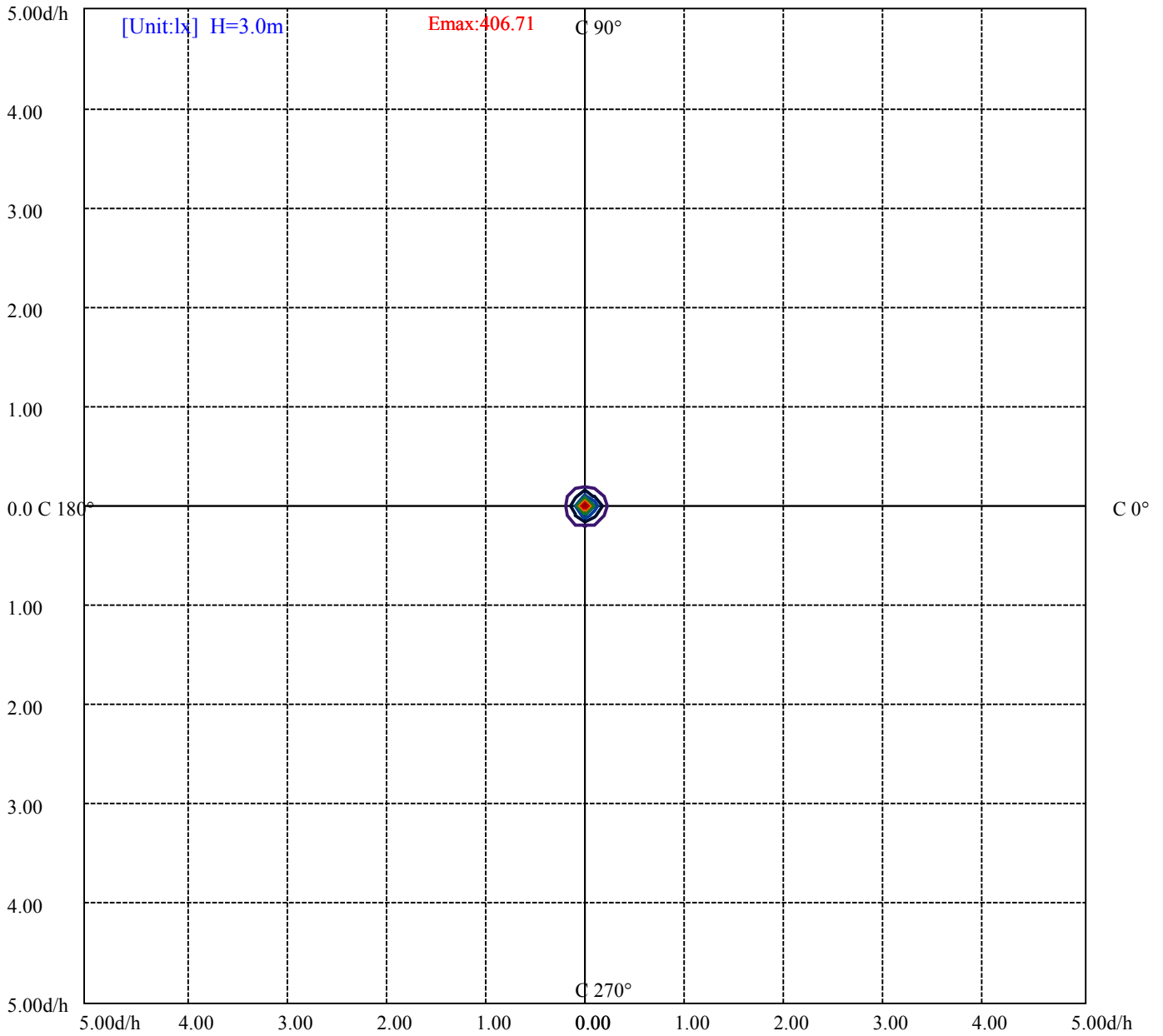


C90(Max): ——  
C0/C180: ——  
C90/C270: ——



Max , Ave C90面光束角9.84

ROLED 水下灯  
平面等照度曲线



- (10%Emax) 40.67044
- (20%Emax) 81.341
- (30%Emax) 122.0111
- (40%Emax) 162.6822
- (50%Emax) 203.3522
- (60%Emax) 244.0233
- (70%Emax) 284.6933
- (80%Emax) 325.3644
- (90%Emax) 366.0345

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# ROLED 水下灯

## 灯具的亮度限制曲线(灯具无发光侧边)

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亮度值表

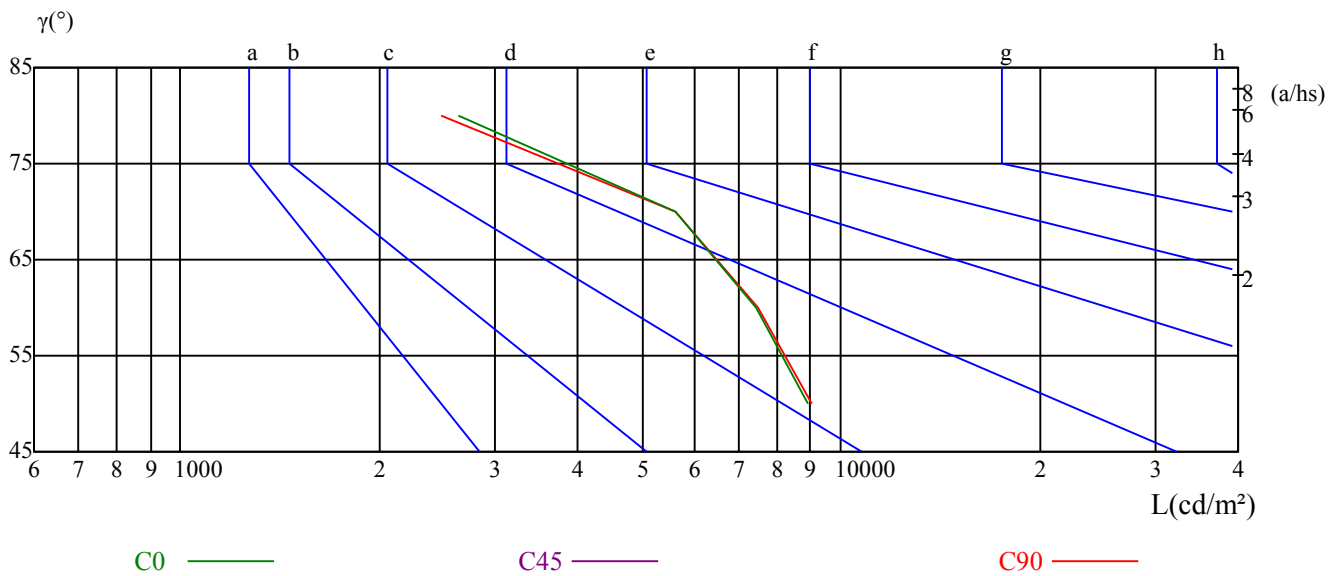
$\gamma$	45	50	55	60	65	70	75	80	85
C0	0	8919	0	7458	0	5637	0	2630	0
C45	0	0	0	0	0	0	0	0	0
C90	0	9038	0	7509	0	5637	0	2483	0

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
1510838	1503935	0	974011	985282	0	670027	658821	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



测试设备: GMS1800  
环境温度(°C): 25.0

测试日期: 2021/10/27  
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	19.64	20.71	20.01	21.02	21.34	19.61	20.68	19.97	20.99	21.30
	3H	20.94	21.89	21.33	22.22	22.59	20.88	21.82	21.26	22.15	22.52
	4H	21.28	22.15	21.68	22.51	22.89	21.19	22.06	21.59	22.42	22.80
	6H	21.39	22.19	21.80	22.56	22.96	21.28	22.08	21.70	22.45	22.85
	8H	21.37	22.13	21.81	22.52	22.93	21.26	22.01	21.69	22.41	22.81
	12H	21.35	22.07	21.78	22.45	22.88	21.23	21.95	21.66	22.33	22.76
4H	2H	20.05	20.92	20.45	21.27	21.66	20.02	20.89	20.42	21.25	21.63
	3H	21.50	22.21	21.91	22.62	23.03	21.44	22.16	21.86	22.57	22.97
	4H	21.89	22.53	22.33	22.96	23.40	21.81	22.45	22.25	22.88	23.32
	6H	22.03	22.57	22.50	23.02	23.50	21.93	22.48	22.40	22.92	23.40
	8H	22.02	22.53	22.49	22.98	23.45	21.91	22.42	22.39	22.87	23.34
	12H	21.99	22.43	22.48	22.92	23.39	21.88	22.32	22.37	22.81	23.28
8H	4H	21.95	22.46	22.43	22.91	23.39	21.88	22.39	22.35	22.84	23.31
	6H	22.12	22.53	22.63	23.03	23.51	22.03	22.43	22.53	22.93	23.42
	8H	22.13	22.49	22.66	23.01	23.51	22.02	22.38	22.56	22.90	23.40
	12H	22.80	23.11	23.32	23.61	24.19	22.70	23.01	23.22	23.51	24.09
12H	4H	21.91	22.35	22.40	22.84	23.31	21.84	22.28	22.33	22.76	23.24
	6H	22.41	22.44	22.62	22.91	23.46	22.32	22.35	22.52	22.82	23.37
	8H	22.11	22.42	22.63	22.92	23.50	22.01	22.32	22.53	22.82	23.40
对应照射距离，改变观察者位置S											
S = 1.0H	0.3/-0.6					0.3/-0.6					
S = 1.5H	1.0/-1.0					1.0/-1.1					
S = 2.0H	2.3/-1.4					2.3/-1.4					
标准表格	BK2					BK2					
更正系数	-0.4					-0.4					

# ROLED 水下灯

## 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	3618.18	3368.01	2371.19	1335.23	775.82	498.79	392.13	287.77	226.61
30.0	3665.76	3299.72	2220.02	1238.54	700.61	472.70	387.52	278.71	220.39
60.0	3655.01	3003.51	1703.57	1037.65	625.87	434.10	335.11	262.37	208.57
90.0	3670.36	3071.81	1944.53	1101.95	647.67	445.85	340.41	270.96	214.87
120.0	3611.27	2866.15	1496.38	1015.70	605.77	423.51	328.13	257.45	204.66
150.0	3656.55	3054.16	1959.11	1095.05	659.18	443.54	334.42	263.44	207.88
180.0	3618.18	2903.75	1697.44	1045.32	629.63	431.80	325.90	256.38	202.59
210.0	3665.76	3093.29	1949.14	1097.04	640.22	436.02	330.51	261.75	206.81
240.0	3655.01	3338.09	2261.46	1221.66	712.12	471.94	392.13	274.72	219.47
270.0	3670.36	3311.99	2203.14	1259.26	713.12	471.71	353.30	279.79	220.77
300.0	3611.27	3476.98	2505.48	1418.88	811.88	511.84	392.13	290.84	229.75
330.0	3656.55	3349.60	2305.20	1354.73	760.09	486.59	361.51	279.56	218.78
360.0	3618.18	3368.01	2371.19	1335.23	775.82	498.79	392.13	287.77	226.61
C/γ(°)	18.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
0.0	179.26	145.11	116.18	94.31	77.12	63.69	53.33	45.66	39.52
30.0	175.65	141.58	112.88	91.24	74.44	62.16	52.10	44.74	38.45
60.0	166.29	134.06	107.36	87.10	71.83	59.32	49.88	42.51	37.06
90.0	173.43	138.13	110.35	89.17	73.36	60.62	51.03	43.82	37.91
120.0	163.30	130.22	105.59	85.41	70.68	58.47	49.80	42.21	36.83
150.0	167.59	132.30	107.59	87.25	72.29	60.01	50.65	43.51	37.68
180.0	161.30	128.54	104.44	85.03	70.68	58.70	49.65	42.51	37.14
210.0	165.29	133.91	106.90	87.71	71.67	59.86	50.57	43.74	37.60
240.0	174.58	141.73	113.73	91.62	76.05	62.92	52.64	44.97	39.06
270.0	175.81	141.96	112.88	92.24	74.90	62.23	52.41	45.20	38.91
300.0	182.41	147.41	117.95	94.85	78.66	65.00	54.33	46.43	40.21
330.0	174.27	141.12	112.65	92.24	75.74	62.54	52.72	45.04	38.98
360.0	179.26	145.11	116.18	94.31	77.12	63.69	53.33	45.66	39.52
C/γ(°)	36.0	38.0	40.0	42.0	44.0	46.0	48.0	50.0	52.0
0.0	34.46	30.85	27.40	24.71	22.41	20.57	18.88	17.34	15.96
30.0	33.69	29.93	26.93	24.40	22.41	20.64	19.03	17.57	16.19
60.0	32.61	29.08	26.24	23.94	22.02	20.11	18.57	17.19	15.88
90.0	33.23	29.54	26.78	24.48	22.33	20.64	18.95	17.57	16.11
120.0	32.46	28.93	26.24	23.71	21.87	19.88	18.34	16.81	15.50
150.0	33.07	29.39	26.63	24.10	22.02	20.34	18.72	17.19	15.81
180.0	32.77	29.16	26.32	24.02	21.87	20.11	18.49	17.04	15.73
210.0	33.00	29.54	26.32	23.87	21.72	19.80	18.19	16.81	15.35
240.0	34.22	30.46	27.09	24.48	22.18	20.18	18.49	17.11	15.65
270.0	34.15	30.54	27.40	24.79	22.48	20.64	18.95	17.42	16.11
300.0	34.84	31.08	27.78	25.09	22.71	20.87	19.11	17.57	16.35
330.0	34.22	30.39	27.17	24.56	22.48	20.34	18.65	17.19	15.88
360.0	34.46	30.85	27.40	24.71	22.41	20.57	18.88	17.34	15.96
C/γ(°)	54.0	56.0	58.0	60.0	62.0	64.0	66.0	68.0	70.0
0.0	14.66	13.51	12.35	11.28	10.21	9.13	8.06	6.91	5.83
30.0	14.81	13.66	12.51	11.43	10.28	9.21	8.13	7.14	5.91
60.0	14.58	13.43	12.35	11.20	10.13	8.98	7.98	6.91	5.68
90.0	14.81	13.66	12.43	11.36	10.28	9.21	8.13	6.91	5.83
120.0	14.27	13.05	11.97	10.90	9.82	8.75	7.67	6.60	5.53
150.0	14.66	13.43	12.35	11.20	10.05	8.98	7.83	6.83	5.76
180.0	14.50	13.28	12.12	11.05	10.05	8.82	7.83	6.68	5.60
210.0	14.20	13.05	11.89	10.97	9.90	8.90	7.75	6.75	5.60
240.0	14.43	13.20	12.05	11.05	10.05	8.90	7.90	6.91	5.76
270.0	14.81	13.66	12.43	11.43	10.36	9.29	8.21	7.14	5.99
300.0	14.96	13.66	12.43	11.51	10.44	9.29	8.29	7.21	6.06
330.0	14.58	13.43	12.28	11.28	10.13	9.06	7.98	6.91	5.83
360.0	14.66	13.51	12.35	11.28	10.21	9.13	8.06	6.91	5.83

# ROLED 水下灯

## 光强数据表(cd)

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C/ $\gamma$ (°)	72.0	74.0	76.0	78.0	80.0	82.0	84.0	86.0	88.0
0.0	4.68	3.76	2.92	2.15	1.38	0.84	0.38	0.15	0.00
30.0	4.76	3.84	2.92	2.15	1.38	0.84	0.31	0.15	0.00
60.0	4.76	3.76	2.84	2.00	1.23	0.69	0.31	0.00	0.00
90.0	4.76	3.76	2.84	2.00	1.30	0.69	0.31	0.08	0.00
120.0	4.53	3.53	2.53	1.76	1.07	0.61	0.23	0.08	0.00
150.0	4.68	3.68	2.69	1.92	1.15	0.69	0.31	0.00	0.00
180.0	4.60	3.53	2.69	1.84	1.07	0.61	0.23	0.00	0.00
210.0	4.53	3.45	2.69	1.84	1.07	0.61	0.31	0.08	0.00
240.0	4.76	3.84	2.84	2.00	1.30	0.69	0.31	0.08	0.00
270.0	4.99	3.99	2.99	2.15	1.38	0.77	0.38	0.08	0.00
300.0	4.99	4.07	3.07	2.23	1.53	0.77	0.38	0.15	0.00
330.0	4.76	3.68	2.84	2.07	1.30	0.77	0.38	0.08	0.00
360.0	4.68	3.76	2.92	2.15	1.38	0.84	0.38	0.15	0.00

C/ $\gamma$ (°)	90.0
0.0	0.00
30.0	0.00
60.0	0.00
90.0	0.00
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	0.00