

Roled Opto Electronics (China)Co.,Ltd
Http://www.roled.com.cn
Email:sensing@sensingm.com
Tel: 0573-84236688(-121) Fax:+86-0573-84882788
Address:No.8,HechuangRoad,HuimingStreet, JiashanCounty,Jiaxin City , Zhejiang Province.

ROLED

灯具名称: 水下灯
灯具描述: U1112A-3-12DC(60-OL-3WN-AA.P1)
报告编号: 电压(V): 12.0000
测试编号: 20211102003 电流(A): 0.2740
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

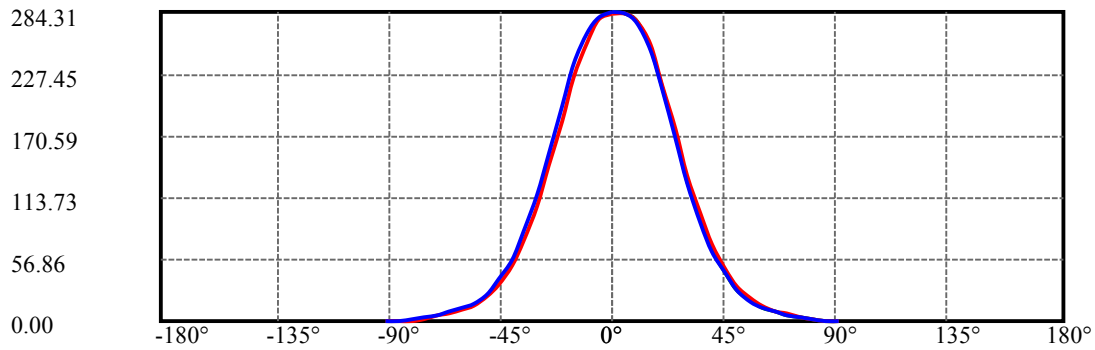
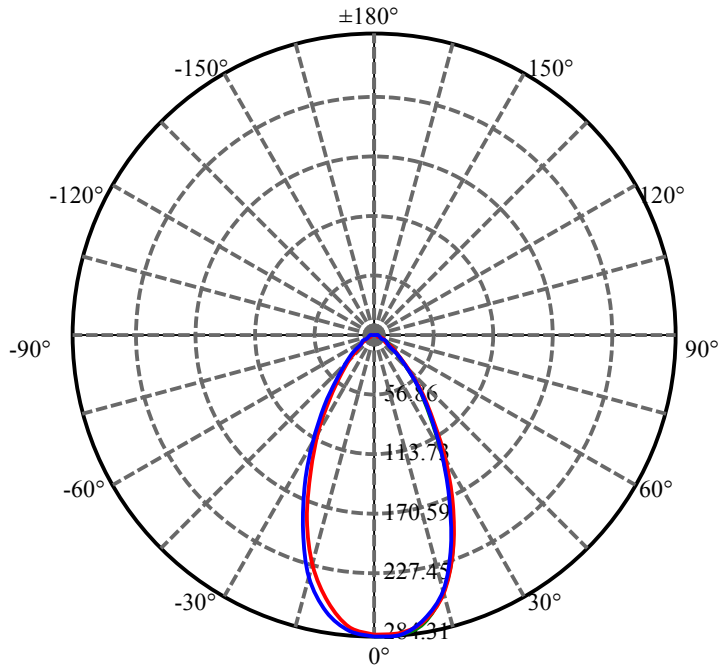
光度结果

灯具光通量(lm): 282.21
灯具效能(lm/w): 85.52
中心光强(cd): 282.855
最大光强(cd): 284.313
最大光强角度: $C=60.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=54.2
 [C90/270]Total=54.7
光束扩散角(10%Imax): [C0/180]Total=98.9
 [C90/270]Total=98.8

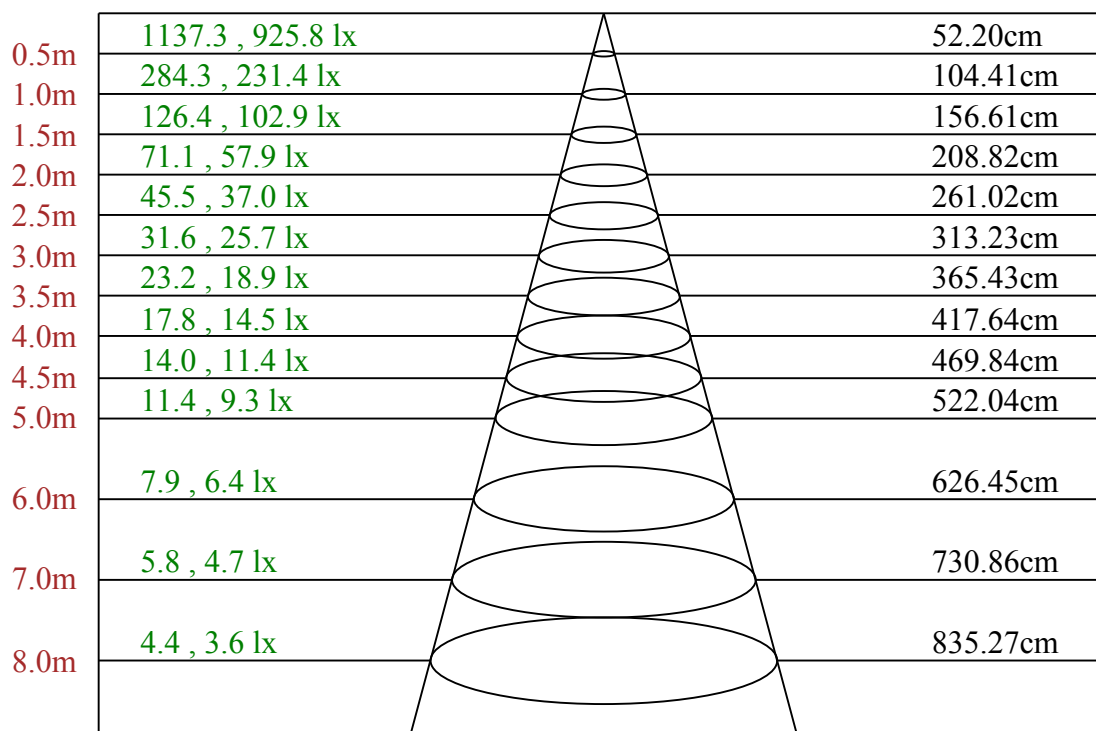
测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/11/2
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

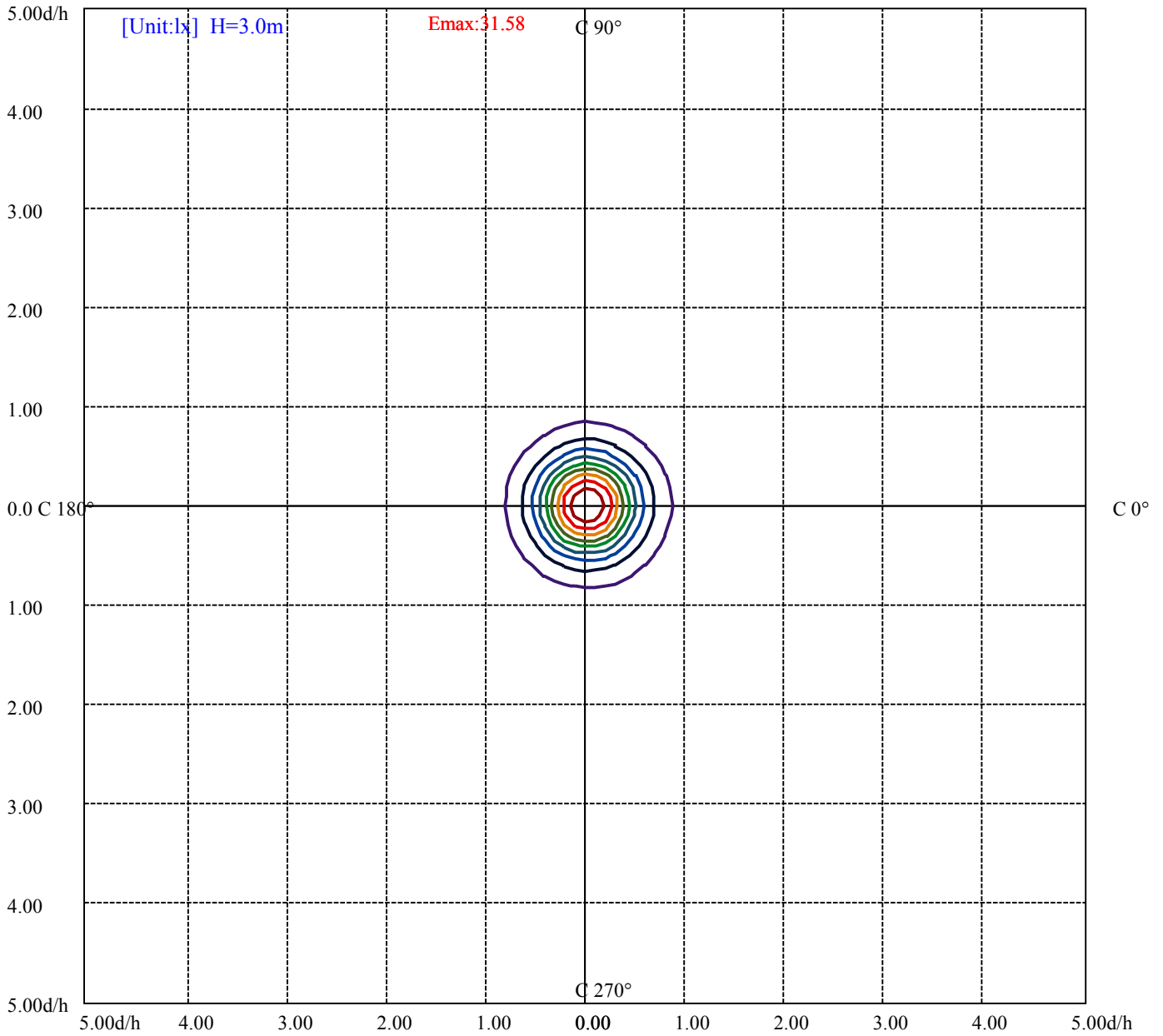


C60(Max): ———
C0/C180: ———
C90/C270: ———



Max , Ave C60面光束角55.11

ROLED 水下灯
平面等照度曲线



- (10%Emax) 3.158178
- (20%Emax) 6.316355
- (30%Emax) 9.474533
- (40%Emax) 12.63267
- (50%Emax) 15.79089
- (60%Emax) 18.94911
- (70%Emax) 22.10722
- (80%Emax) 25.26545
- (90%Emax) 28.42356

测试设备: GMS1800
环境温度(°C): 25.0

测试日期: 2021/11/2
环境湿度(%): 60.0%

测试人员: anpeilou
测试距离(m): 8.76

ROLED 水下灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

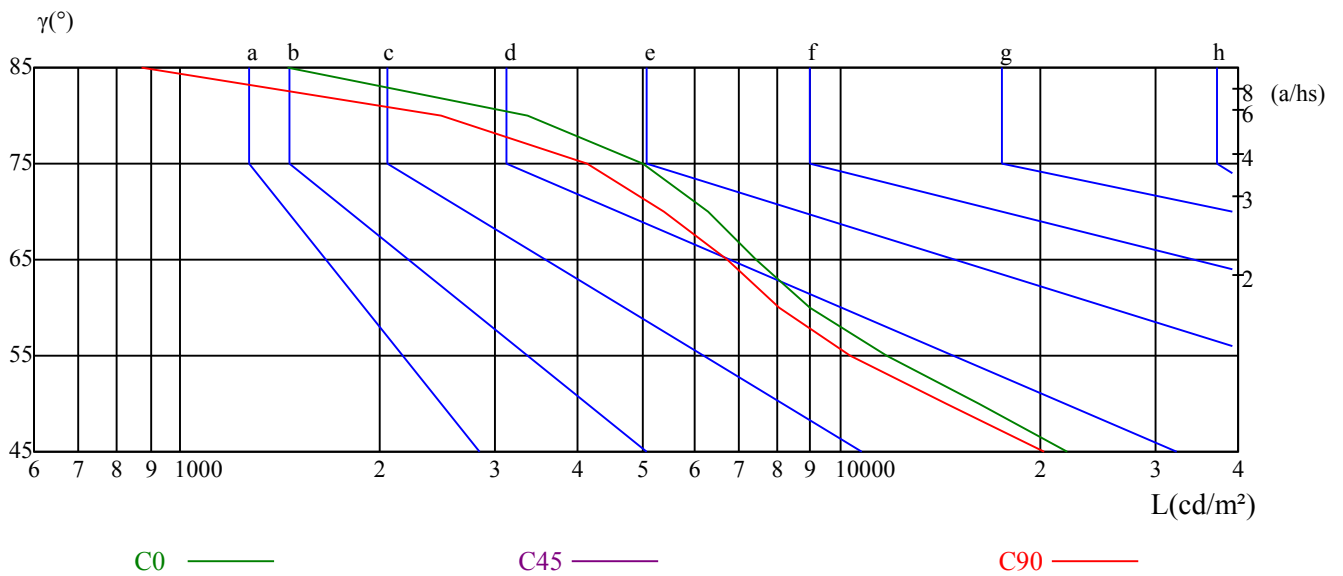
γ	45	50	55	60	65	70	75	80	85
C0	22063	16220	11720	8980	7443	6304	4999	3360	1455
C45	0	0	0	0	0	0	0	0	0
C90	20341	14405	10349	8067	6723	5414	4117	2483	873

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
6633	6543	0	4019	4019	0	873	728	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	20.66	21.84	21.03	22.15	22.46	20.73	21.91	21.10	22.22	22.54
	3H	21.58	22.62	21.96	22.95	23.32	21.66	22.69	22.04	23.03	23.39
	4H	21.82	22.78	22.22	23.13	23.52	21.89	22.85	22.30	23.21	23.59
	6H	21.88	22.77	22.30	23.14	23.53	21.96	22.84	22.38	23.22	23.61
	8H	21.87	22.70	22.30	23.09	23.50	21.94	22.78	22.38	23.17	23.58
	12H	21.84	22.63	22.27	23.01	23.44	21.92	22.71	22.35	23.10	23.53
4H	2H	20.93	21.89	21.33	22.24	22.63	20.99	21.95	21.39	22.30	22.69
	3H	22.01	22.79	22.42	23.20	23.60	22.08	22.86	22.49	23.27	23.67
	4H	22.30	23.00	22.74	23.42	23.87	22.38	23.08	22.82	23.50	23.95
	6H	22.40	23.00	22.87	23.45	23.92	22.48	23.08	22.94	23.52	23.99
	8H	22.38	22.94	22.85	23.39	23.86	22.46	23.02	22.93	23.47	23.94
	12H	22.35	22.84	22.84	23.32	23.80	22.43	22.92	22.92	23.41	23.88
8H	4H	22.34	22.90	22.81	23.35	23.82	22.41	22.97	22.88	23.42	23.89
	6H	22.46	22.91	22.97	23.41	23.89	22.53	22.98	23.04	23.48	23.97
	8H	22.46	22.86	22.98	23.38	23.87	22.53	22.93	23.06	23.45	23.95
	12H	23.08	23.43	23.59	23.92	24.50	23.15	23.50	23.67	24.00	24.58
12H	4H	22.30	22.79	22.79	23.27	23.75	22.37	22.86	22.86	23.34	23.82
	6H	22.86	22.83	22.96	23.30	23.84	22.93	22.90	23.03	23.37	23.91
	8H	22.44	22.79	22.96	23.29	23.86	22.51	22.86	23.03	23.36	23.94
对应照射距离，改变观察者位置S											
S = 1.0H	1.2/-1.9					1.1/-1.7					
S = 1.5H	2.6/-2.8					2.5/-2.7					
S = 2.0H	4.8/-3.3					4.7/-3.1					
标准表格	BK2					BK2					
更正系数	2.6					3.1					

ROLED 水下灯

光强数据表(cd)

附页 第7页 共7页

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0
0.0	282.85	282.16	274.72	253.77	217.86	176.73	133.83	98.61	69.75
30.0	284.16	284.16	276.49	258.30	222.69	179.95	136.52	98.99	69.29
60.0	284.31	283.39	275.10	251.09	215.94	170.43	128.15	93.01	64.61
90.0	283.85	282.78	272.96	249.24	212.95	168.52	127.23	90.47	63.77
120.0	283.62	279.02	264.13	237.04	199.44	154.55	114.95	81.57	55.56
150.0	283.93	278.63	260.22	231.98	194.91	151.02	111.96	79.96	54.33
180.0	282.85	276.49	255.46	224.46	184.09	142.27	105.36	74.05	51.18
210.0	284.16	276.95	257.07	226.15	184.40	142.42	104.82	73.67	50.72
240.0	284.31	278.56	262.83	233.13	194.84	150.18	111.96	80.65	55.71
270.0	283.85	279.63	264.21	236.97	197.14	153.40	116.33	82.34	57.02
300.0	283.62	280.94	270.50	246.63	210.57	166.14	123.24	90.32	62.85
330.0	283.93	281.47	271.04	247.79	210.87	167.29	125.47	91.85	63.85
360.0	282.85	282.16	274.72	253.77	217.86	176.73	133.83	98.61	69.75
C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	47.19	31.54	20.34	13.58	9.52	6.52	3.91	1.76	0.38
30.0	47.65	31.77	20.57	13.66	9.52	6.52	3.99	1.76	0.38
60.0	43.36	28.85	19.03	12.66	8.82	5.99	3.45	1.46	0.31
90.0	43.51	28.01	17.96	12.20	8.59	5.60	3.22	1.30	0.23
120.0	36.68	24.10	15.58	10.67	7.44	4.76	2.61	1.00	0.00
150.0	35.84	23.56	15.65	10.82	7.67	4.99	2.76	1.00	0.08
180.0	33.99	22.25	14.81	10.44	7.44	4.60	2.38	0.77	0.08
210.0	33.30	21.95	14.81	10.28	7.29	4.60	2.30	0.69	0.00
240.0	37.52	24.86	16.27	11.36	7.98	5.22	2.76	1.00	0.08
270.0	38.60	25.55	16.50	11.59	8.13	5.37	3.07	1.15	0.15
300.0	42.51	28.39	18.34	12.28	8.59	5.76	3.30	1.46	0.23
330.0	43.43	28.85	18.57	12.58	8.59	5.91	3.45	1.46	0.31
360.0	47.19	31.54	20.34	13.58	9.52	6.52	3.91	1.76	0.38
C/γ(°)	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								