

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(30-OL-3WN-AA.P1)
报告编号: 电压(V): 12.0000
测试编号: 20211102001 电流(A): 0.2750
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

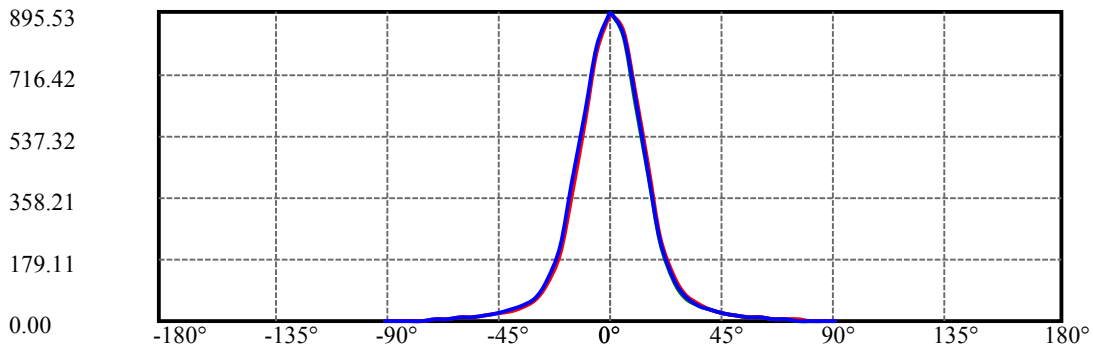
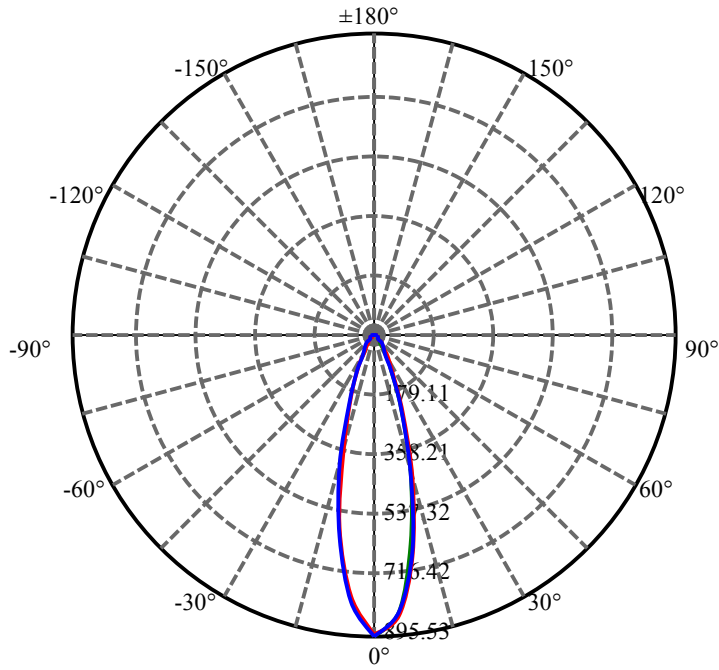
光度结果

灯具光通量(lm): 312.84
灯具效能(lm/w): 94.80
中心光强(cd): 890.310
最大光强(cd): 895.528
最大光强角度: $C=60.0 \gamma=0.0$
半峰边角(50%Imax): [C0/180]Total=28.1
 [C90/270]Total=28.4
光束扩散角(10%Imax): [C0/180]Total=55.5
 [C90/270]Total=56.0

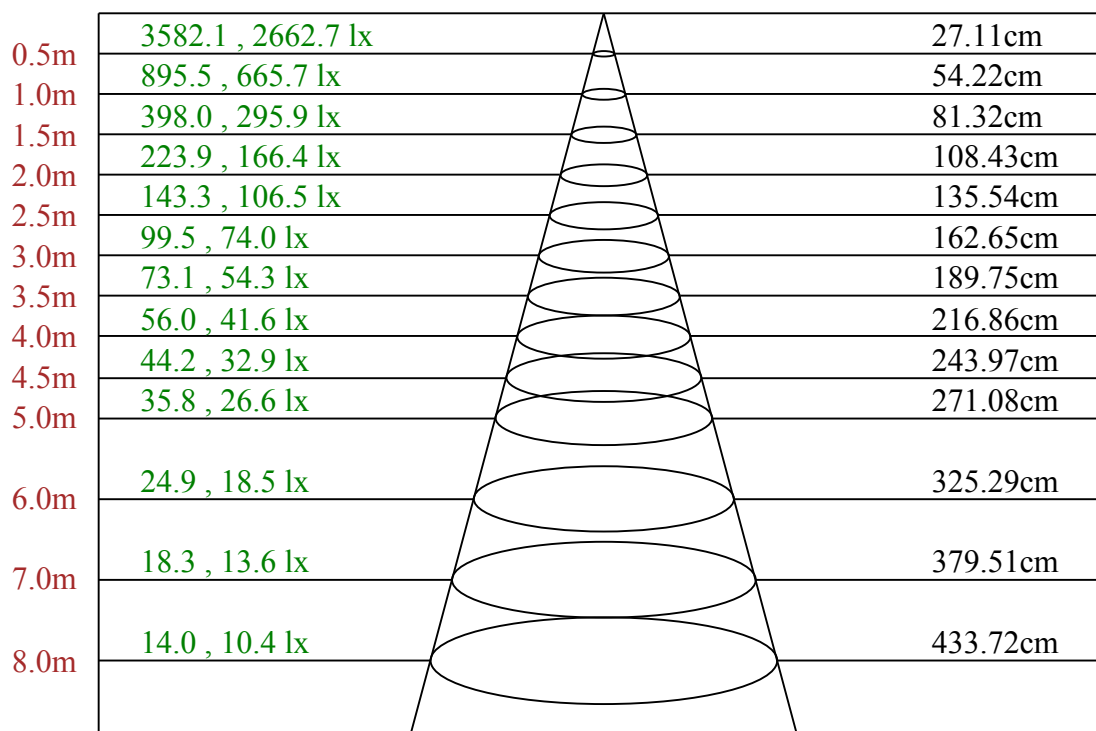
测试设备: GMS1800
环境温度(°C): 25.0

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

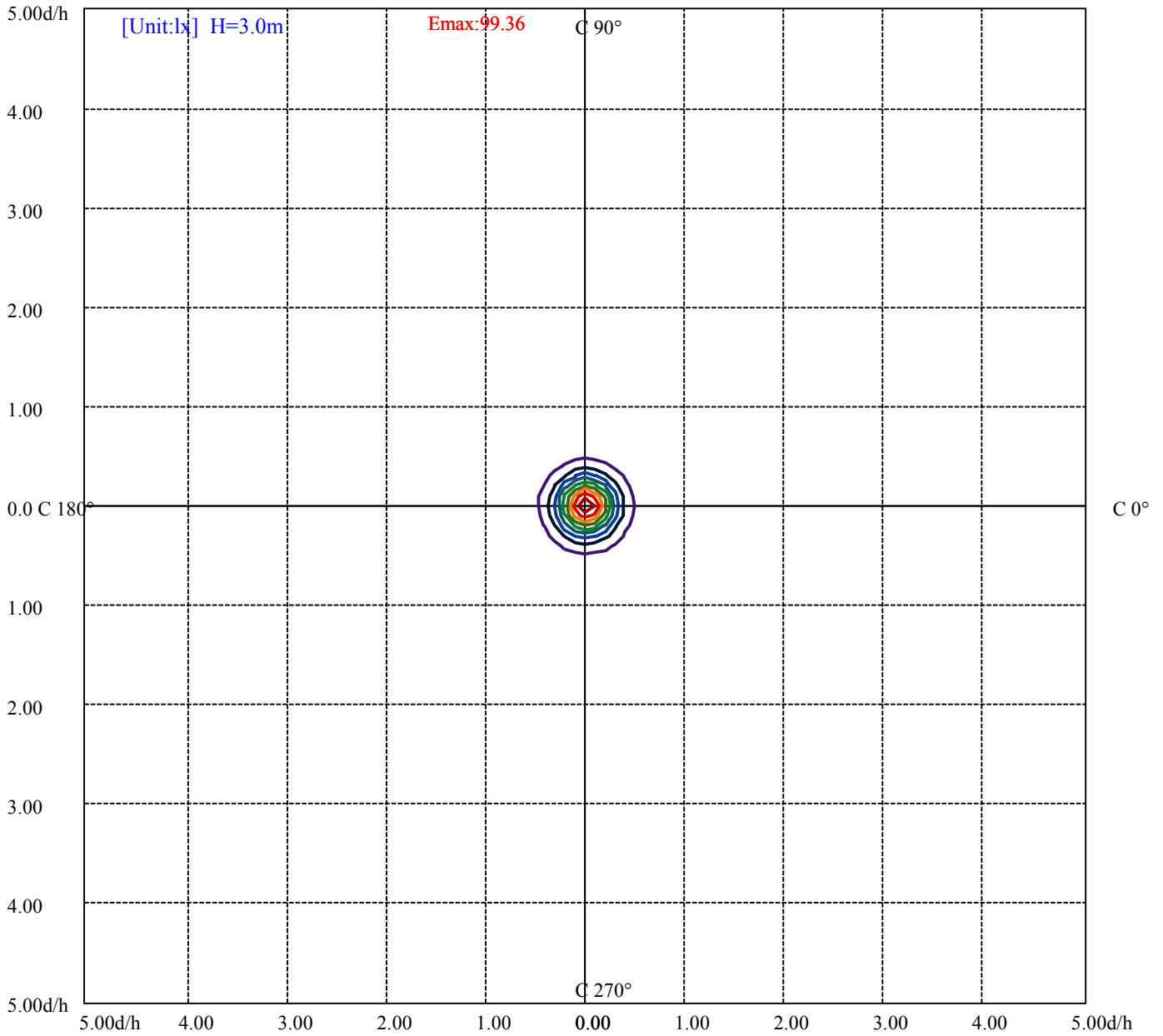


C60(Max): —
C0/C180: —
C90/C270: —



Max , Ave C60面光束角30.33

ROLED 水下灯
平面等照度曲线



(10%Emax) 9.936222	—
(20%Emax) 19.87244	—
(30%Emax) 29.80867	—
(40%Emax) 39.74489	—
(50%Emax) 49.68111	—
(60%Emax) 59.61734	—
(70%Emax) 69.55356	—
(80%Emax) 79.48978	—
(90%Emax) 89.42599	—

ROLED 水下灯

灯具的亮度限制曲线(灯具无发光侧边)

亮度值表

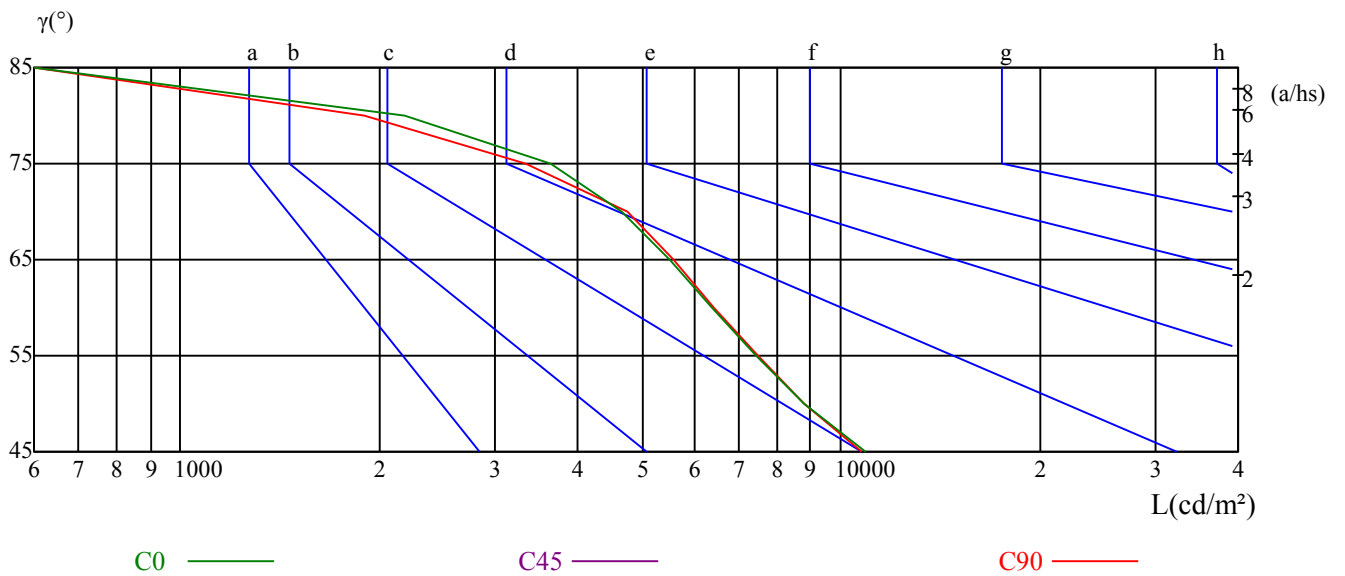
γ	45	50	55	60	65	70	75	80	85
C0	10906	8801	7430	6393	5522	4673	3627	2191	582
C45	0	0	0	0	0	0	0	0	0
C90	10763	8801	7519	6443	5582	4747	3332	1899	291

L横(65)	L纵(65)	L45(65)	L横(75)	L纵(75)	L45(75)	L横(85)	L纵(85)	L45(85)
5282	5462	0	3234	3332	0	437	437	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	18.21	19.26	18.57	19.57	19.89	18.03	19.09	18.40	19.40	19.72
	3H	19.36	20.30	19.75	20.63	21.00	19.17	20.10	19.55	20.43	20.80
	4H	19.63	20.50	20.04	20.85	21.24	19.44	20.30	19.85	20.66	21.05
	6H	19.69	20.48	20.11	20.86	21.25	19.51	20.30	19.93	20.68	21.07
	8H	19.66	20.41	20.10	20.80	21.21	19.49	20.23	19.92	20.62	21.03
	12H	19.63	20.34	20.06	20.72	21.15	19.45	20.16	19.89	20.54	20.98
4H	2H	18.51	19.38	18.92	19.73	20.12	18.37	19.23	18.77	19.59	19.97
	3H	19.85	20.55	20.26	20.96	21.37	19.67	20.37	20.08	20.78	21.19
	4H	20.17	20.80	20.61	21.23	21.67	20.00	20.63	20.44	21.06	21.50
	6H	20.26	20.80	20.73	21.25	21.72	20.10	20.63	20.57	21.08	21.56
	8H	20.23	20.73	20.70	21.18	21.65	20.07	20.57	20.55	21.02	21.50
	12H	20.19	20.62	20.68	21.11	21.58	20.03	20.47	20.52	20.95	21.43
8H	4H	20.20	20.70	20.68	21.15	21.63	20.05	20.55	20.52	21.00	21.47
	6H	20.32	20.71	20.82	21.22	21.70	20.16	20.56	20.67	21.06	21.55
	8H	20.30	20.65	20.83	21.18	21.67	20.15	20.50	20.68	21.02	21.52
	12H	20.95	21.26	21.47	21.75	22.33	20.78	21.09	21.31	21.59	22.17
12H	4H	20.16	20.59	20.65	21.08	21.56	20.00	20.43	20.49	20.92	21.40
	6H	20.59	20.62	20.80	21.10	21.64	20.44	20.47	20.65	20.94	21.49
	8H	20.27	20.58	20.80	21.08	21.66	20.12	20.43	20.65	20.93	21.51
对应照射距离，改变观察者位置S											
S = 1.0H	0.9/-1.0					1.0/-1.1					
S = 1.5H	1.8/-1.6					2.0/-1.7					
S = 2.0H	3.9/-2.0					4.1/-2.1					
标准表格	BK2					BK2					
更正系数	-1.2					-1.0					

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	890.31	837.28	666.08	443.54	246.17	131.07	75.51	47.50	32.84
30.0	893.00	845.34	666.39	452.83	255.23	129.76	75.82	48.65	33.30
60.0	895.53	822.93	633.55	417.45	228.68	117.87	68.07	44.12	30.85
90.0	893.53	827.00	648.51	425.13	233.36	122.01	70.14	46.12	31.92
120.0	892.46	793.31	599.93	381.39	198.37	105.67	63.23	40.98	29.01
150.0	893.38	803.90	614.67	391.90	213.02	112.50	65.76	43.43	30.54
180.0	890.31	776.35	580.60	361.51	193.07	103.75	61.39	40.36	28.62
210.0	893.00	781.88	577.68	373.33	199.29	107.05	64.46	41.75	29.08
240.0	895.53	807.97	613.13	403.03	219.01	114.72	68.14	44.20	30.31
270.0	893.53	797.99	606.92	403.10	219.70	117.02	69.37	45.51	31.31
300.0	892.46	827.77	649.74	428.89	238.19	127.61	72.98	46.89	32.38
330.0	893.38	817.18	634.31	419.37	233.59	122.63	71.52	45.74	32.08
360.0	890.31	837.28	666.08	443.54	246.17	131.07	75.51	47.50	32.84
C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	23.33	17.11	12.89	9.67	7.06	4.83	2.84	1.15	0.15
30.0	23.48	17.27	12.58	9.13	6.68	4.53	2.61	0.92	0.08
60.0	22.18	16.50	12.28	9.29	6.83	4.53	2.46	0.92	0.08
90.0	23.02	17.11	13.05	9.75	7.14	4.91	2.61	1.00	0.08
120.0	21.10	15.81	12.05	8.98	6.60	4.53	2.30	0.77	0.08
150.0	22.02	16.27	12.20	9.13	6.60	4.53	2.46	0.77	0.08
180.0	20.87	15.58	11.82	8.98	6.45	4.53	2.23	0.84	0.08
210.0	21.18	15.88	11.74	8.90	6.45	4.37	2.53	0.77	0.08
240.0	21.95	16.73	12.51	9.36	6.91	4.91	2.61	1.00	0.15
270.0	22.79	16.81	12.66	9.52	6.83	4.76	2.61	0.84	0.15
300.0	23.02	17.27	13.12	9.75	7.29	5.22	2.92	1.15	0.15
330.0	23.17	17.11	12.74	9.36	6.91	4.99	2.76	1.00	0.15
360.0	23.33	17.11	12.89	9.67	7.06	4.83	2.84	1.15	0.15
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								