



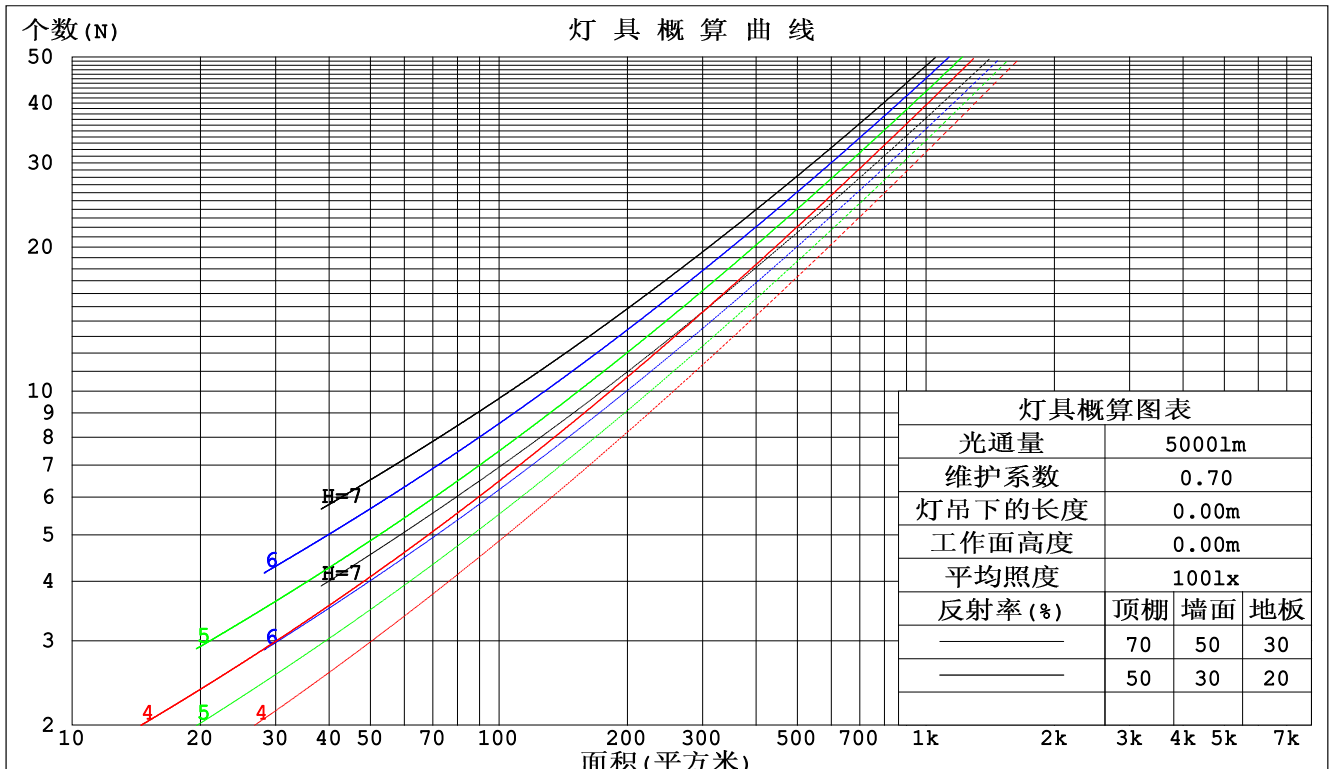




## 工作面利用系数和灯具概算曲线

实测参数: U:24.00V I:0.3204A P:7.690W PF:1.000 Freq:50.00Hz 实检光通:111.87x1 lm		
灯具名称: SF21-24V-5050-70-DMX4-RGBW(2700)-G	灯具类型: 硅胶	灯具重量:
灯具规格:	外型尺寸: 28mm*11.5mm	测试编号: 2021121603
制造厂商: OLYMPIA	发光口面: 1*0.016	遮光角:

顶棚	80%			70%			50%			30%			10%			0
墙面	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
地板	20%			20%			20%			20%			20%			0
室空间比	工 作 面 利 用 系 数															
0.0	1.14	1.14	1.14	1.08	1.08	1.08	.98	.98	.98	.89	.89	.89	.81	.81	.81	.77
1.0	.94	.89	.84	.90	.85	.81	.81	.77	.74	.73	.70	.67	.66	.64	.62	.58
2.0	.81	.73	.66	.77	.70	.64	.69	.64	.59	.63	.58	.54	.56	.53	.49	.46
3.0	.70	.61	.54	.66	.58	.52	.60	.53	.48	.54	.49	.44	.49	.44	.41	.37
4.0	.61	.52	.45	.58	.50	.43	.53	.46	.40	.48	.42	.37	.43	.38	.34	.31
5.0	.54	.45	.38	.52	.43	.37	.47	.40	.34	.43	.36	.32	.39	.33	.29	.26
6.0	.49	.39	.33	.46	.38	.32	.42	.35	.29	.38	.32	.27	.35	.30	.25	.23
7.0	.44	.35	.28	.42	.34	.28	.38	.31	.26	.35	.29	.24	.32	.26	.22	.20
8.0	.40	.31	.25	.38	.30	.24	.35	.28	.23	.32	.26	.21	.29	.24	.20	.18
9.0	.36	.28	.22	.35	.27	.22	.32	.25	.20	.29	.23	.19	.27	.22	.18	.16
10.0	.33	.25	.20	.32	.25	.20	.29	.23	.18	.27	.21	.17	.25	.20	.16	.14



C角度范围: 0度 - 360度  
 C角度间隔: 30.0度  
 测试速度: 快速  
 环境温度: 25.3℃  
 测试人员: LPC  
 测试日期: 2021-12-16

γ角度范围: 0度 - 180度  
 γ角度间隔: 1.0度  
 测试系统: 远方 (EVERFINE) GO-2000B\_V1系统 V2.0.362  
 环境湿度: 65.0%  
 测试距离: 9.200米 [K=1.0000]  
 备注:





## UF利用系数表

反 射 比 / REFLECTANCE										
天花板	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
墙壁	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
工作面	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
室形指数	利用系数 UTILIZATION FACTORS (%) k(RI) x RCR = 5									
k = 0.60	46	34	26	45	33	26	43	32	26	19
0.80	55	42	34	53	41	34	50	40	33	24
1.00	63	50	41	61	49	41	57	49	39	30
1.25	70	57	48	67	55	47	62	52	45	35
1.50	75	62	54	72	61	52	66	57	50	39
2.00	82	71	62	79	68	61	72	64	57	45
2.50	87	76	68	83	73	66	76	68	62	48
3.00	90	81	73	86	78	71	79	72	66	52
4.00	95	87	80	91	84	77	83	77	72	56
5.00	98	91	85	94	87	82	85	80	76	59
ROOM INDEX	UF (总)									UF (直接)
依据标准文件 DIN EN 13032-2 2004				悬挂灯			安装距高比 SHRNOM = 1.25			

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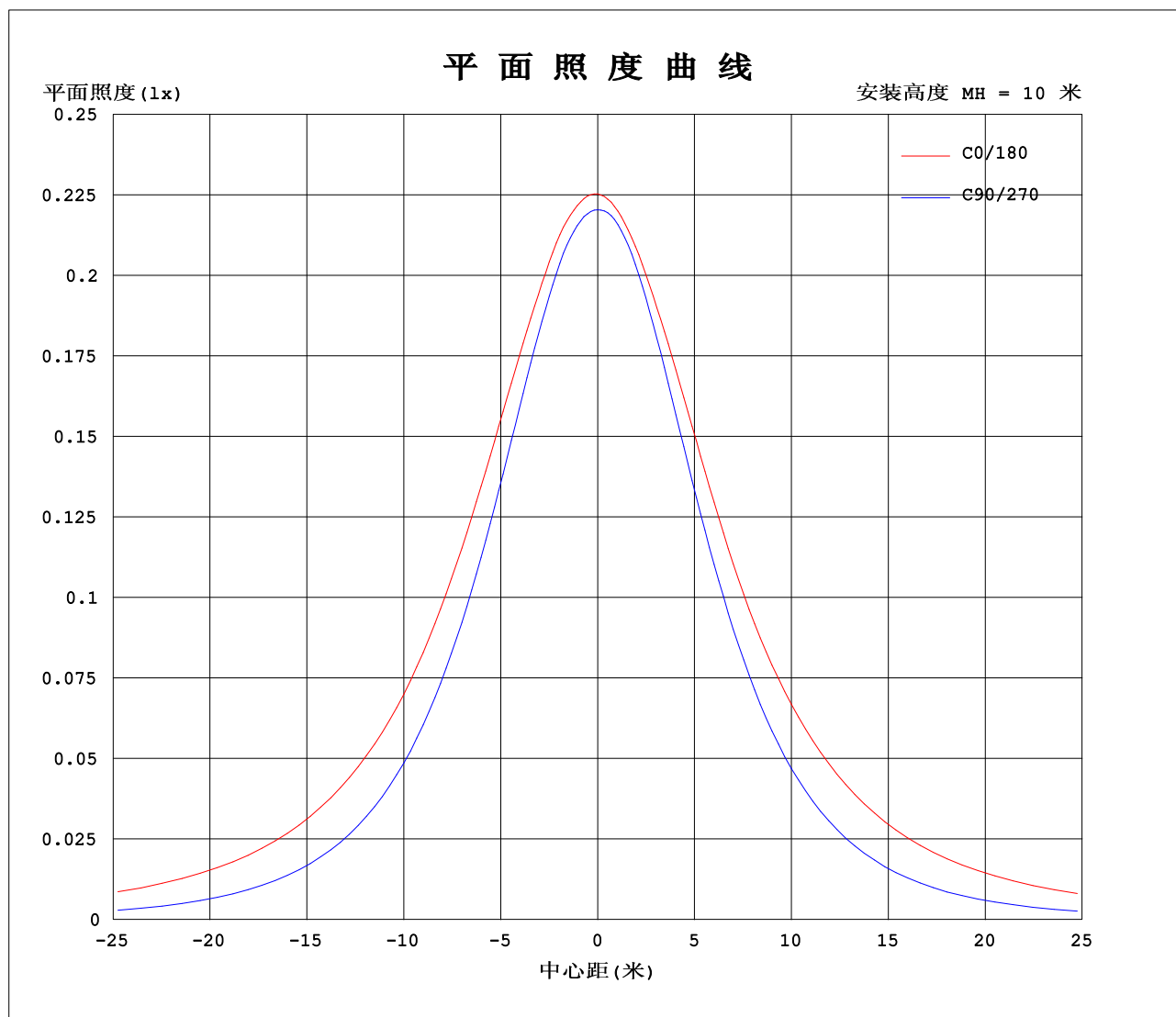








## 平面照度曲线



C角度范围: 0度 - 360度  
C角度间隔: 30.0度  
测试速度: 快速  
环境温度: 25.3℃  
测试人员: LPC  
测试日期: 2021-12-16

γ角度范围: 0度 - 180度  
γ角度间隔: 1.0度  
测试系统: 远方 (EVERFINE) GO-2000B\_V1系统 V2.0.362  
环境湿度: 65.0%  
测试距离: 9.200米 [K=1.0000]  
备注:



Photometric Data Table [cd]

G/C	0.0	30.0	60.0	90.0	120.0	150.0	180.0	210.0	240.0	270.0
0.0	22.53	22.22	22.06	22.04	22.11	22.06	22.53	22.22	22.06	22.04
3.0	22.56	22.35	22.11	22.00	21.99	21.89	22.46	22.07	21.94	22.04
6.0	22.54	22.38	22.10	21.91	21.82	21.70	22.36	21.87	21.76	21.94
9.0	22.52	22.40	22.10	21.74	21.59	21.50	22.21	21.66	21.52	21.73
12.0	22.45	22.41	21.99	21.43	21.29	21.27	22.06	21.43	21.21	21.39
15.0	22.29	22.37	21.74	21.06	20.91	21.00	21.86	21.16	20.83	20.97
18.0	22.14	22.26	21.44	20.62	20.49	20.68	21.68	20.84	20.37	20.49
21.0	21.99	22.12	21.07	20.08	20.00	20.30	21.47	20.47	19.87	19.86
24.0	21.85	21.90	20.64	19.52	19.48	19.86	21.27	20.04	19.32	19.27
27.0	21.67	21.62	20.17	18.84	18.89	19.38	21.01	19.59	18.73	18.53
30.0	21.45	21.33	19.64	18.14	18.26	18.91	20.69	19.08	18.09	17.78
33.0	21.19	21.01	19.07	17.36	17.58	18.46	20.35	18.61	17.42	17.03
36.0	20.90	20.70	18.48	16.52	16.88	18.01	19.96	18.15	16.72	16.11
39.0	20.58	20.39	17.84	15.64	16.13	17.51	19.57	17.67	15.99	15.20
42.0	20.21	20.04	17.17	14.74	15.35	17.00	19.26	17.14	15.21	14.28
45.0	19.81	19.64	16.49	13.77	14.57	16.46	18.92	16.64	14.44	13.28
48.0	19.45	19.24	15.76	12.76	13.81	15.90	18.54	16.07	13.68	12.27
51.0	19.08	18.78	15.04	11.77	13.03	15.32	18.14	15.48	12.90	11.24
54.0	18.67	18.30	14.32	10.71	12.23	14.74	17.70	14.92	12.10	10.17
57.0	18.23	17.79	13.58	9.621	11.42	14.18	17.24	14.34	11.30	9.064
60.0	17.76	17.25	12.83	8.565	10.60	13.61	16.78	13.76	10.48	7.984
63.0	17.29	16.78	12.06	7.450	9.783	13.05	16.32	13.21	9.671	6.899
66.0	16.81	16.29	11.31	6.350	8.999	12.49	15.83	12.65	8.878	5.793
69.0	16.32	15.76	10.55	5.269	8.245	11.94	15.35	12.09	8.129	4.712
72.0	15.82	15.22	9.793	4.143	7.541	11.40	14.86	11.57	7.415	3.702
75.0	15.32	14.68	9.104	3.143	6.883	10.87	14.38	11.02	6.753	2.637
78.0	14.80	14.15	8.431	2.144	6.299	10.30	13.87	10.46	6.165	1.726
81.0	14.27	13.62	7.787	1.290	5.751	9.743	13.36	9.907	5.617	0.9516
84.0	13.73	13.12	7.209	0.6215	5.239	9.216	12.81	9.370	5.094	0.3437
87.0	13.16	12.59	6.721	0.3265	4.801	8.703	12.24	8.847	4.642	0.2214
90.0	12.59	12.08	6.289	0.3156	4.404	8.221	11.68	8.349	4.251	0.2161
93.0	11.99	11.60	5.922	0.3126	4.102	7.779	11.12	7.892	3.944	0.2161
96.0	11.43	11.11	5.610	0.3167	3.846	7.351	10.58	7.455	3.678	0.2161
99.0	10.86	10.10	5.323	0.3318	3.624	6.407	9.918	6.532	3.452	0.2204
102.0	10.09	9.382	5.027	0.3872	3.388	6.186	9.326	6.278	3.255	0.2264
105.0	9.561	9.070	4.479	0.4071	2.680	5.960	8.864	6.027	2.628	0.2359
108.0	9.053	8.673	4.398	0.4323	2.543	5.673	8.401	5.755	2.517	0.2453
111.0	8.551	8.261	4.172	0.4625	2.448	5.380	7.974	5.469	2.296	0.2548
114.0	8.088	7.869	3.915	0.5027	2.272	4.809	7.535	5.112	2.120	0.2763
117.0	7.656	7.502	3.605	0.5530	2.152	4.477	6.874	4.755	2.000	0.3214
120.0	7.259	7.141	3.188	0.5931	2.036	4.231	6.517	4.429	1.859	0.3619
123.0	6.897	6.809	2.955	0.6333	1.930	3.990	6.165	4.122	1.694	0.4019
126.0	6.555	6.518	2.890	0.6736	1.845	3.753	5.829	3.825	1.653	0.4522
129.0	6.168	6.139	2.820	0.7137	1.709	3.492	5.492	3.549	1.598	0.4974
132.0	5.746	5.391	2.659	0.7389	1.669	3.216	5.155	3.318	1.513	0.5326
135.0	5.324	4.606	2.468	0.7641	1.548	2.914	4.792	2.926	1.417	0.5927
138.0	4.901	3.969	2.317	0.8042	1.413	2.663	4.315	2.659	1.316	0.6131
141.0	4.525	3.446	2.162	0.8292	1.322	2.442	3.403	2.438	1.221	0.6582
144.0	4.168	3.166	2.066	0.8394	1.192	2.166	3.352	2.283	1.105	0.6935
147.0	3.851	2.954	1.950	0.8747	1.046	2.035	3.260	2.066	0.9644	0.7486
150.0	3.574	2.708	1.875	0.9550	0.9152	1.719	2.929	1.865	0.8388	0.8039
153.0	3.308	2.452	1.844	1.010	0.7345	1.592	2.752	1.674	0.6833	0.8493
156.0	3.042	2.210	1.935	1.071	0.7536	1.396	2.577	1.463	0.7193	0.8894
159.0	2.655	1.889	1.969	1.116	0.8441	1.125	2.310	1.292	0.7973	0.9397
162.0	2.454	1.663	1.951	1.171	0.5491	0.8937	2.029	1.051	0.6253	0.9010
165.0	2.147	1.544	1.938	1.216	0.5277	0.7646	1.739	0.7900	0.5998	1.070
168.0	1.172	1.533	1.925	1.236	0.5227	0.7824	0.9846	0.7987	0.5742	1.116
171.0	1.046	1.521	1.870	1.243	0.5177	0.6875	0.8537	0.6054	0.5487	1.161
174.0	0.9152	1.493	1.814	1.250	0.5101	0.5925	0.7182	0.5615	0.5231	1.226
177.0	0.7845	1.477	1.759	1.256	0.5026	0.4975	0.5873	0.5177	0.4975	1.271
180.0	0.4925	0.4925	1.201	1.256	1.256	1.076	0.4975	0.5528	1.015	1.337
G/C	300.0	330.0								
0.0	22.11	22.06								
3.0	22.10	22.19								
6.0	22.10	22.28								
9.0	22.03	22.32								
12.0	21.85	22.32								
15.0	21.58	22.31								
18.0	21.25	22.18								
21.0	20.84	22.04								
24.0	20.37	21.84								
27.0	19.88	21.63								
30.0	19.38	21.37								

备注:

## Photometric Data Table [cd]

33.0	18.84	21.05
36.0	18.27	20.74
39.0	17.68	20.42
42.0	17.06	20.08
45.0	16.40	19.72
48.0	15.68	19.33
51.0	14.95	18.89
54.0	14.24	18.44
57.0	13.51	17.93
60.0	12.76	17.40
63.0	12.00	16.91
66.0	11.24	16.44
69.0	10.48	15.93
72.0	9.712	15.42
75.0	9.019	14.88
78.0	8.345	14.35
81.0	7.697	13.84
84.0	7.099	13.32
87.0	6.602	12.80
90.0	6.160	12.30
93.0	5.783	11.81
96.0	5.467	11.32
99.0	5.165	10.30
102.0	4.813	9.615
105.0	4.347	9.288
108.0	4.215	8.897
111.0	4.055	8.480
114.0	3.972	8.052
117.0	3.692	7.671
120.0	3.372	7.303
123.0	3.271	6.967
126.0	3.060	6.670
129.0	3.005	6.339
132.0	2.849	5.801
135.0	2.688	5.273
138.0	2.457	4.490
141.0	2.286	3.942
144.0	2.151	3.565
147.0	2.030	3.263
150.0	1.904	2.991
153.0	1.835	2.760
156.0	1.875	2.504
159.0	1.885	2.212
162.0	1.895	1.951
165.0	1.905	1.774
168.0	1.885	1.761
171.0	1.834	1.747
174.0	1.804	1.734
177.0	1.759	1.699
180.0	1.292	1.106

C角度范围: 0度 - 360度

C角度间隔: 30.0度

测试速度: 快速

环境温度: 25.3℃

测试人员: LPC

测试日期: 2021-12-16

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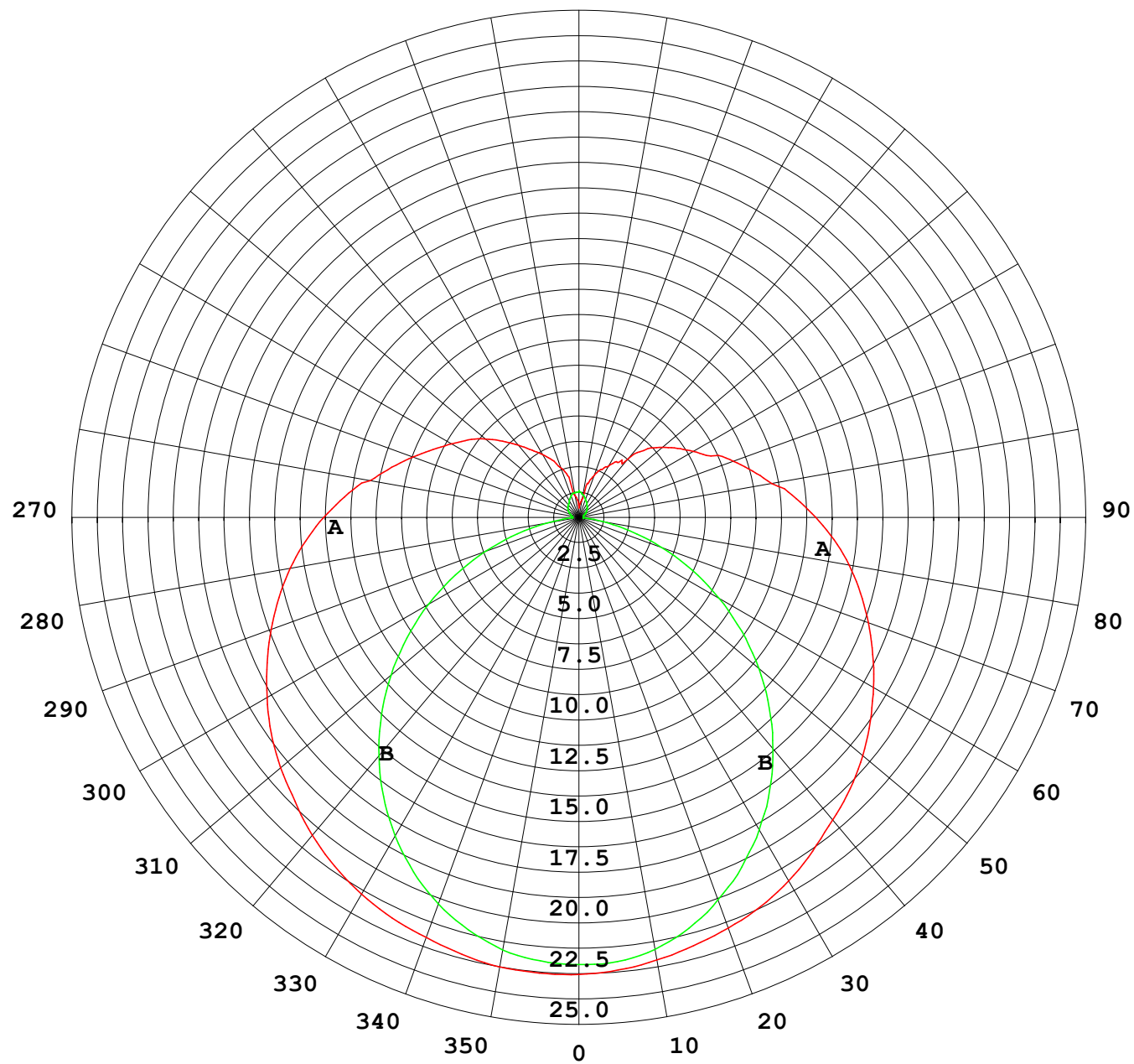
测试系统: 远方 (EVERFINE) GO-2000B\_V1系统 V2.0.362

环境湿度: 65.0%

测试距离: 9.200米 [K=1.0000]

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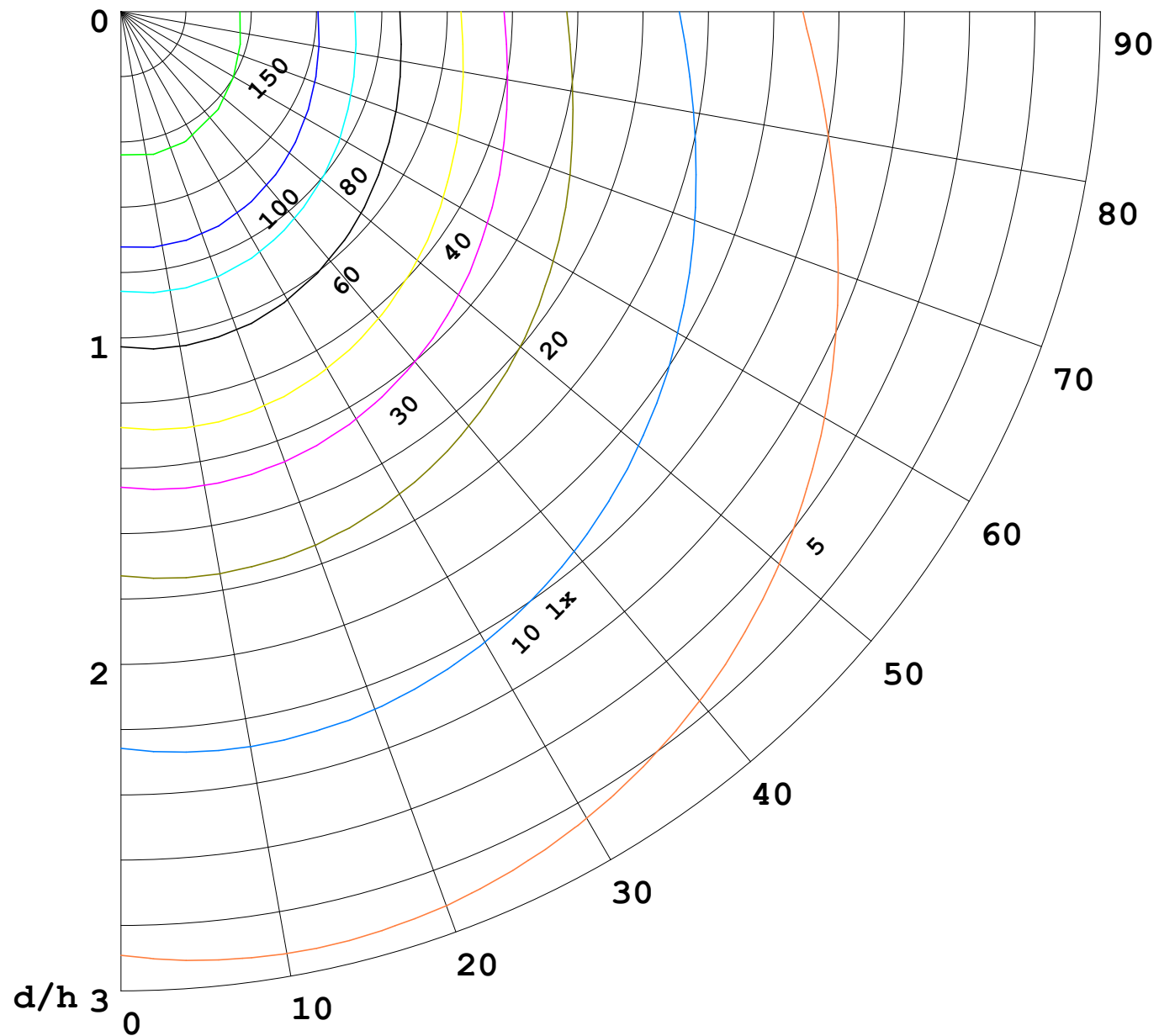
I (cd)





1000 lm

$\kappa = 1$



F = 5000 lm  
 K = 0.7  
 Hcc = 0.0 m  
 Hfc = 0.0 m  
 Eave = 100 lx

	Pcc	Pw	Pfc
—	70	50	30
—	50	30	20

