

报告编号: KUPU-LD150-2A

测试时间: 2025/9/26 9:15:16

灯具光度测试报告

灯具属性

生产工厂: GZAILITELED
灯具型号: KUPU-LD150
光源型号:
发光面宽度: 58 mm
发光面长度: 93 mm
发光面高度: 0 mm

电压(V): 220.74 V
电流(A): 0.5650 A
功率(W): 150.68 W
功率因数: 0.9830
光源光通量: 27962.21

光度结果

CIE 等级: Direct
灯具光通量: 27962.21 lm
下射光通比: 0.00%
灯具光效(LER): 185.57 lm/W
光束角(50%) C0-180,C90-270: 81.4,150.5
视场角(10%) C0-180,C90-270: 115.1,158.7
距高比S/MH C0-180,C90-270: 1.250,1.620

最大光强: 10870.87 cd
最大光强角: C=275 Gamma=60
上射光通比: 100.00%
灯具效率: 100.00%
中心光强: 8766.03 cd
有效光通量: 27200.36 lm
光通量ERP(ϕ use)120度: 22806.24 lm

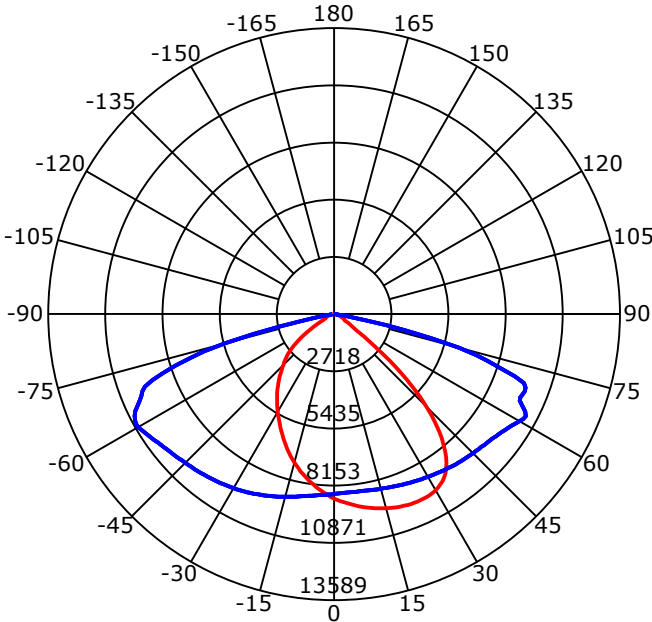
CIE色度结果

色品坐标: $x=$ $y=$ $u=$ $v=$ $u^*=$ $v^*=0.0000$
相关色温:K ($duv=$) 色容差:SDCM(CIE)= 主波长: $\lambda_d=$ 色纯度:
峰值波长: $\lambda_p=$ 谱线带宽: $\Delta\lambda_p=$ 颜色比:R= G= B=
显色指数 :Ra=
R1= R2= R3= R4= R5= R6= R7= R8=
R9= R10= R11= R12= R13= R14= R15=

灯具图片



光强分布曲线



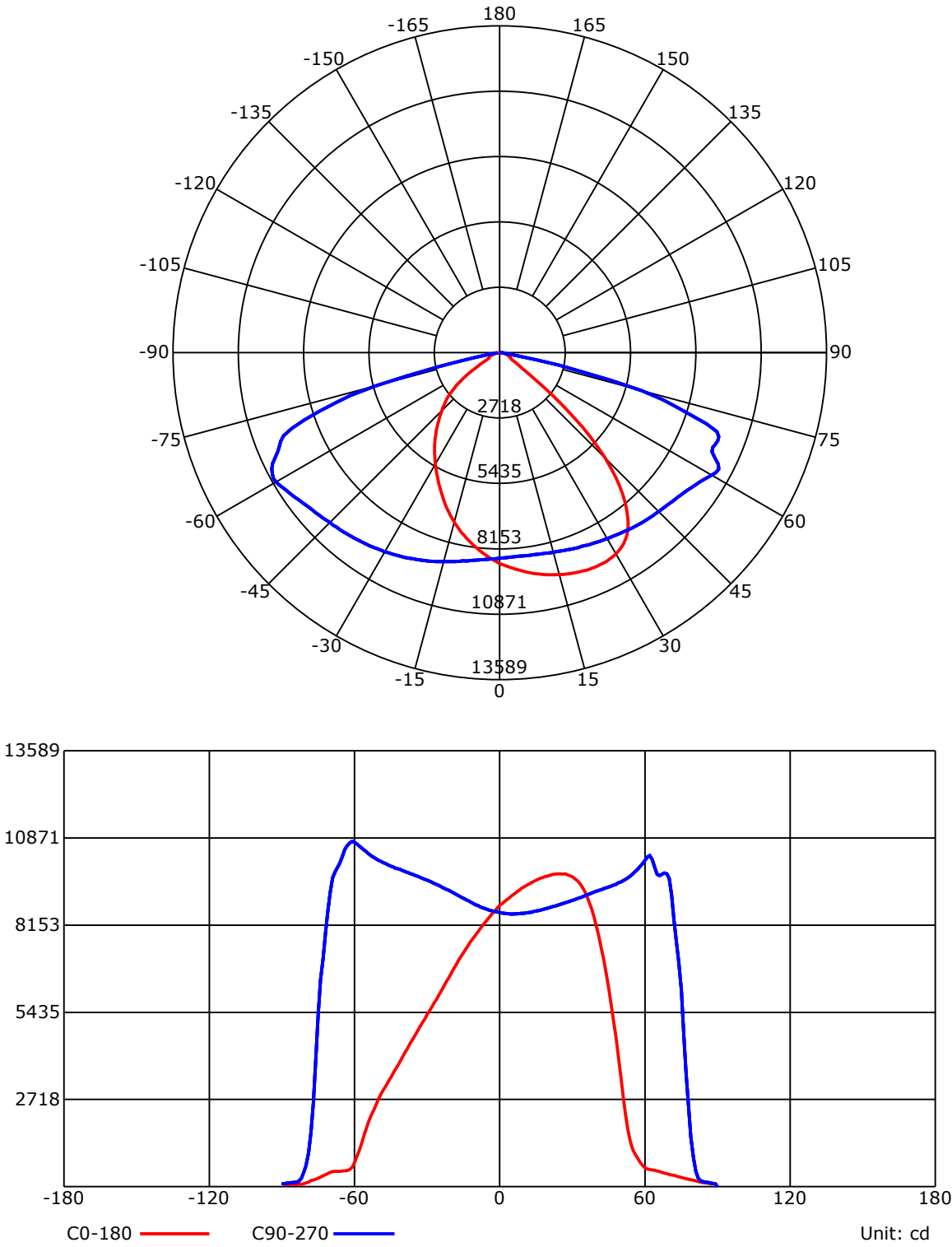
光束角(50%) C0-180,C90-270: 81.4 deg,150.5 deg

C0-180 — C90-270 —

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

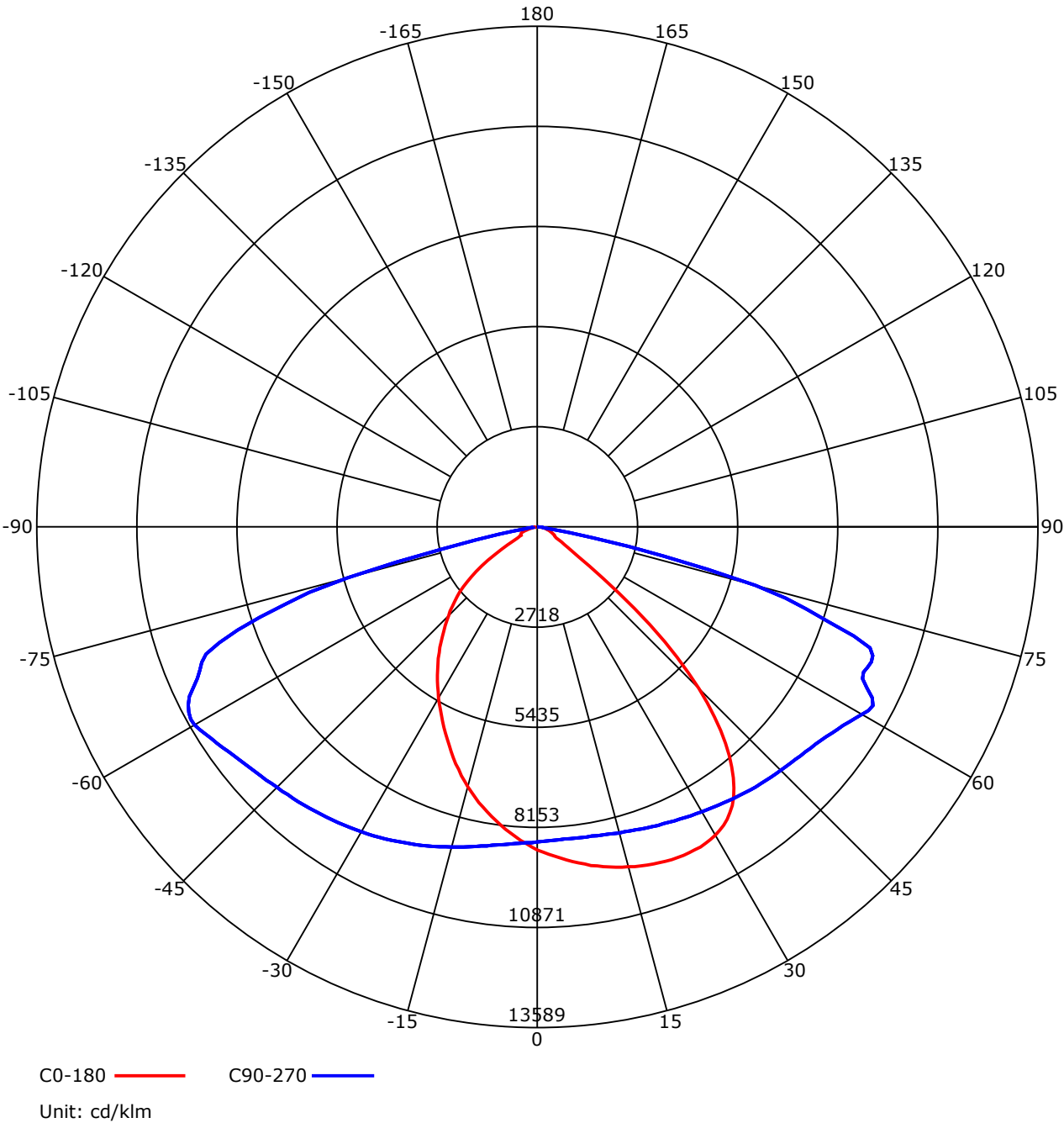
光强分布曲线



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测试速度: High
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备注:

光强分布曲线



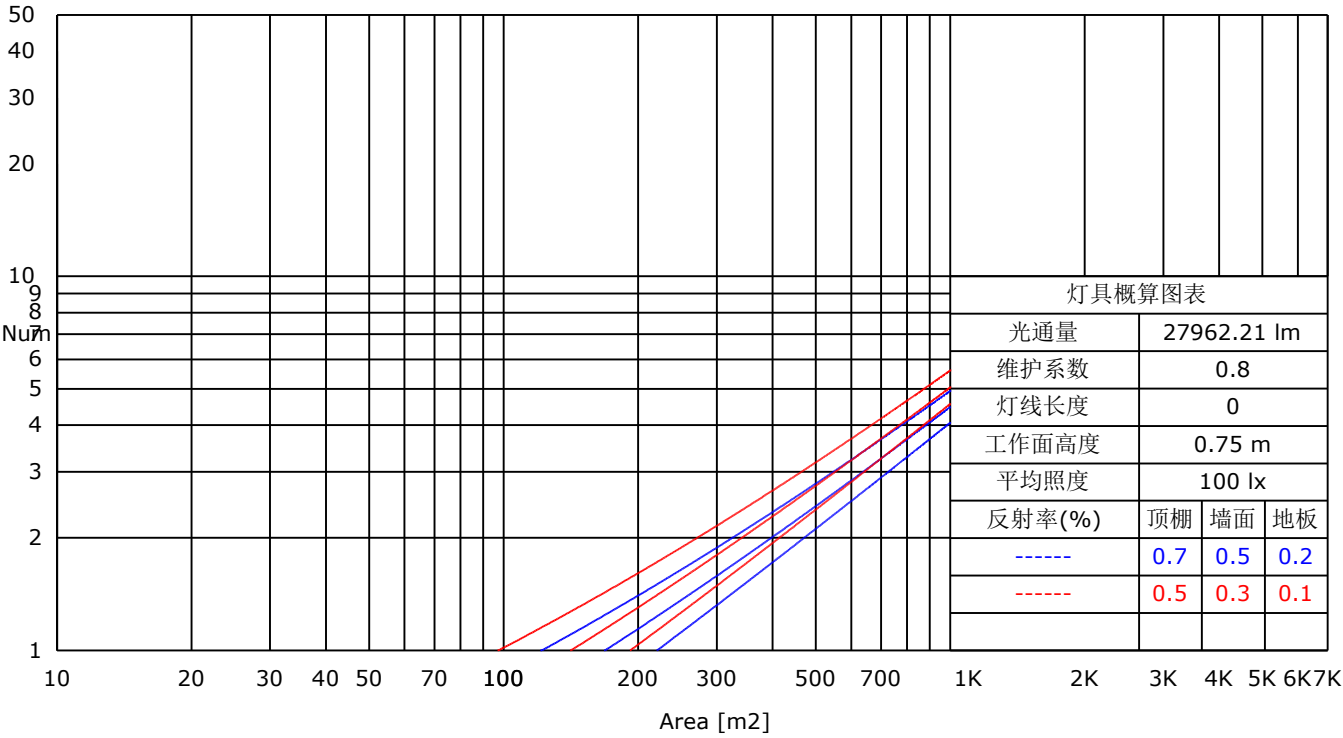
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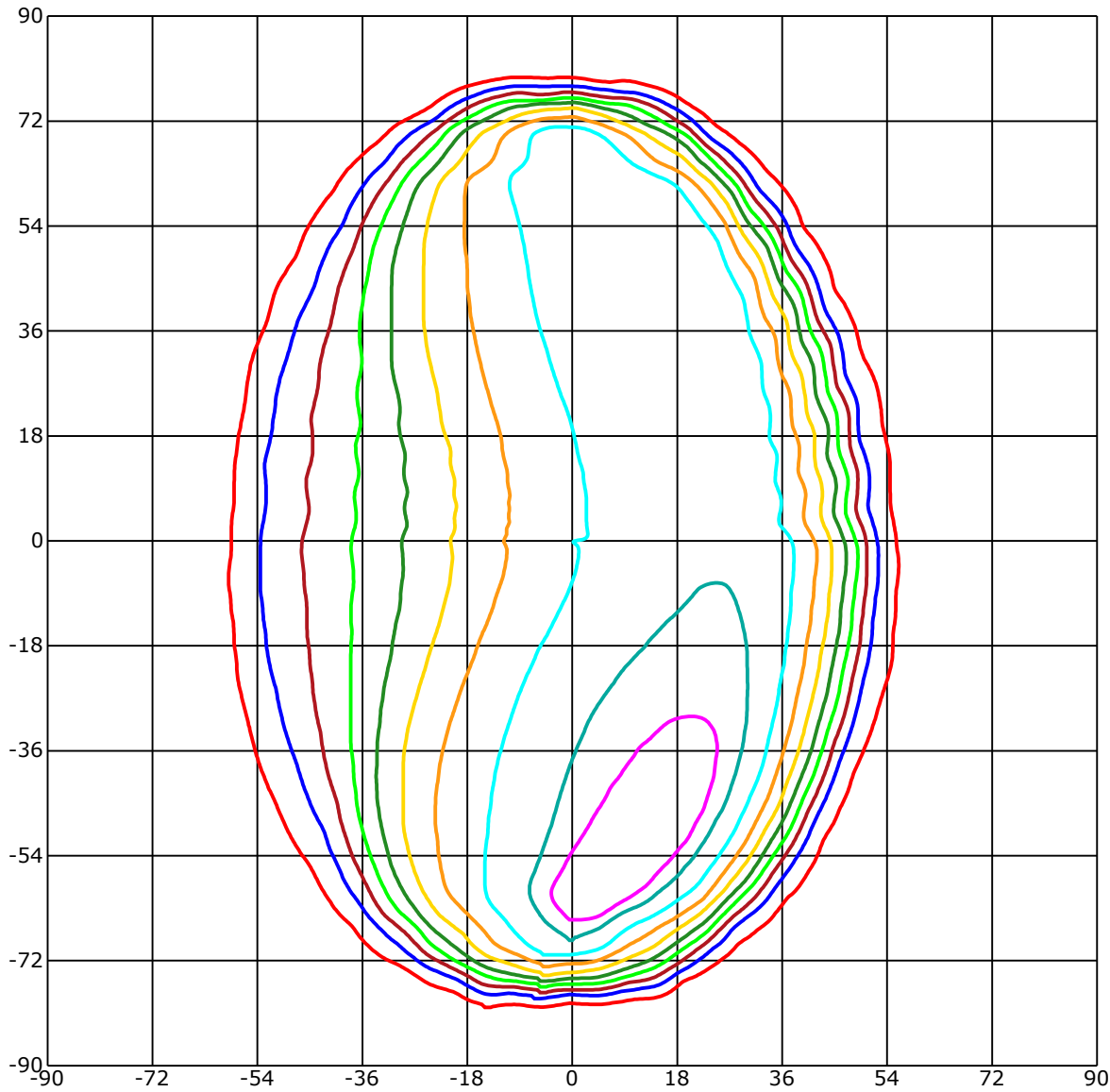
利用系数图表(TM5)

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.18	1.18	1.18	1.16	1.16	1.16	1.10	1.10	1.10	1.06	1.06	1.06	1.01	1.01	1.01	0.99
1	1.05	1.04	1.02	1.04	1.02	1.01	1.00	0.98	0.97	0.95	0.93	0.91	0.89	0.87	0.85	0.80
2	0.90	0.87	0.85	0.89	0.86	0.84	0.87	0.83	0.80	0.83	0.79	0.76	0.79	0.75	0.71	0.66
3	0.76	0.74	0.72	0.76	0.73	0.70	0.75	0.71	0.67	0.73	0.68	0.64	0.70	0.65	0.60	0.56
4	0.66	0.63	0.61	0.66	0.62	0.60	0.66	0.61	0.57	0.64	0.59	0.55	0.62	0.56	0.51	0.47
5	0.57	0.54	0.52	0.58	0.54	0.51	0.58	0.53	0.49	0.57	0.51	0.47	0.56	0.50	0.44	0.41
6	0.50	0.47	0.45	0.51	0.47	0.45	0.52	0.46	0.43	0.51	0.45	0.41	0.51	0.44	0.39	0.35
7	0.44	0.42	0.40	0.45	0.42	0.39	0.46	0.41	0.38	0.47	0.40	0.36	0.46	0.40	0.34	0.31
8	0.39	0.37	0.35	0.40	0.37	0.35	0.42	0.37	0.33	0.42	0.36	0.32	0.42	0.36	0.31	0.27
9	0.35	0.33	0.32	0.36	0.33	0.31	0.38	0.33	0.30	0.39	0.33	0.29	0.39	0.32	0.27	0.25
10	0.32	0.30	0.28	0.33	0.30	0.28	0.35	0.30	0.27	0.36	0.30	0.26	0.36	0.30	0.25	0.22

概算曲线



矩形等光强曲线



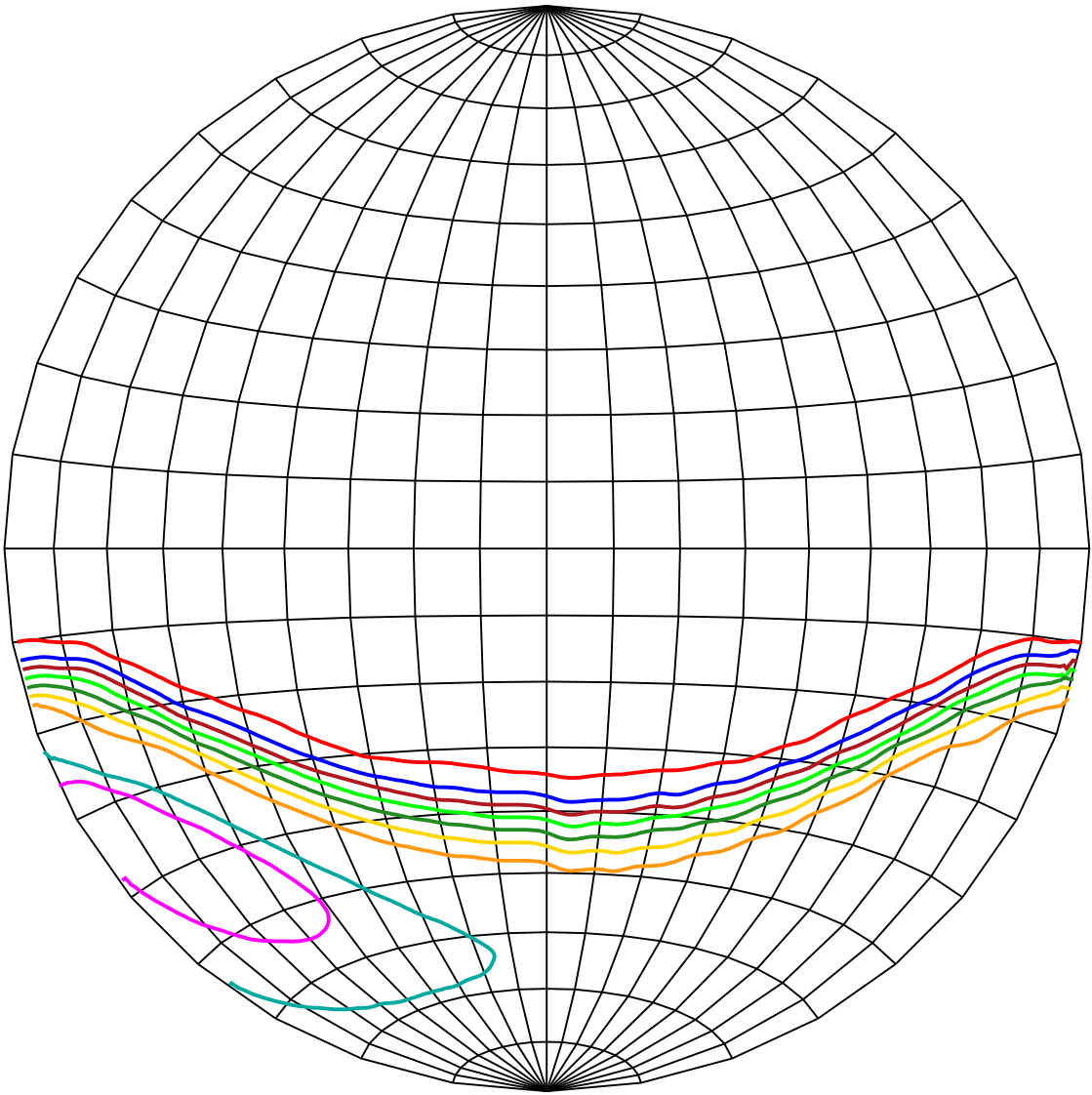
Unit of intensity:cd I_{max}(100%): 10870.87 cd

- | | |
|--------------------------------|--------------------------------|
| 10327.33(95%I _{max}) | 5435.436(50%I _{max}) |
| 9783.784(90%I _{max}) | 4348.349(40%I _{max}) |
| 8696.697(80%I _{max}) | 3261.261(30%I _{max}) |
| 7609.61(70%I _{max}) | 2174.174(20%I _{max}) |
| 6522.523(60%I _{max}) | 1087.087(10%I _{max}) |

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

球面等光强曲线



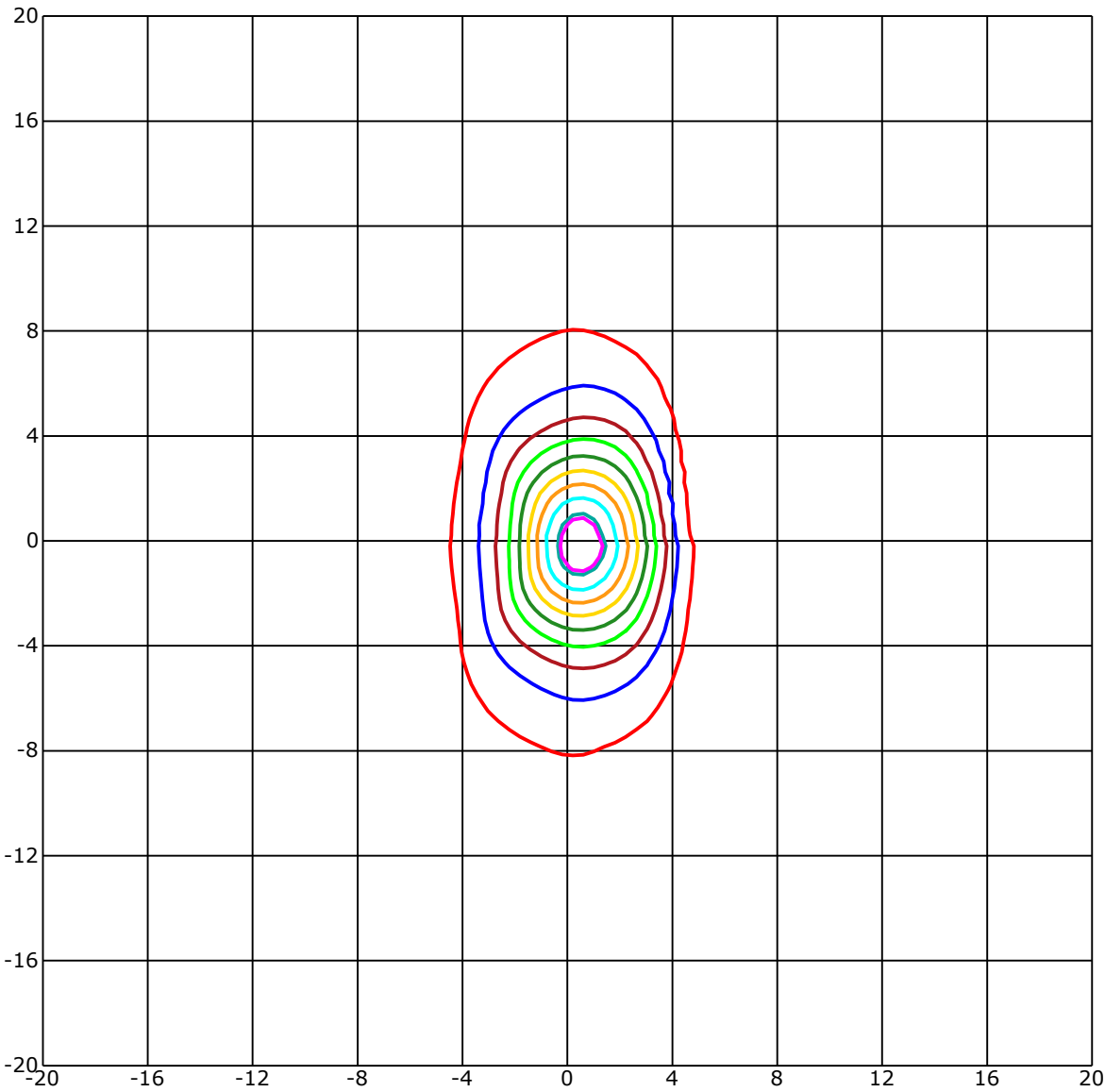
Unit of intensity:cd Imax(100%): 10870.87 cd

- | | |
|-------------------|-------------------|
| 10327.33(95%Imax) | 5435.436(50%Imax) |
| 9783.784(90%Imax) | 4348.349(40%Imax) |
| 8696.697(80%Imax) | 3261.261(30%Imax) |
| 7609.61(70%Imax) | 2174.174(20%Imax) |
| 6522.523(60%Imax) | 1087.087(10%Imax) |

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C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
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测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

平面等照度曲线



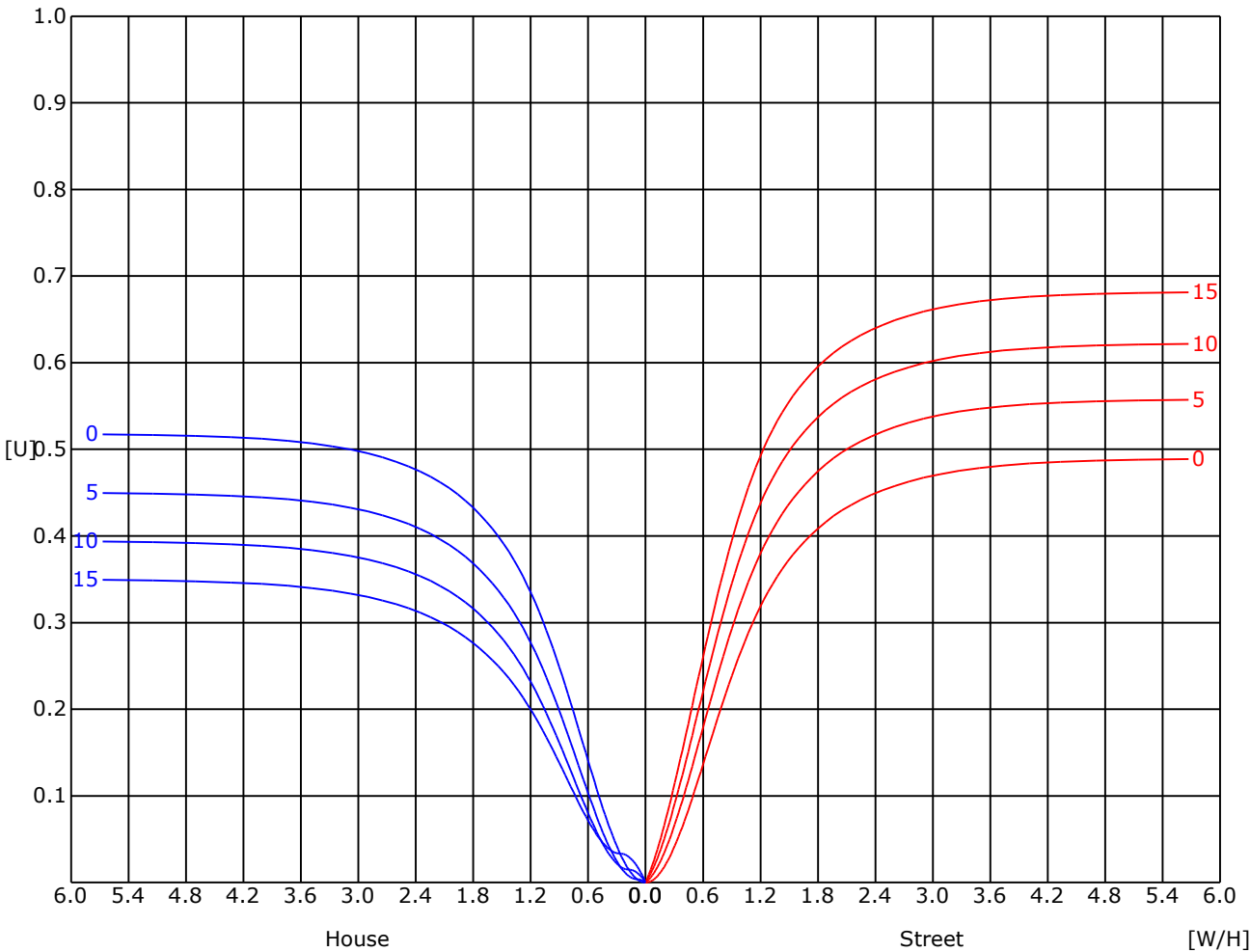
Unit of illumination:lx Height of plane:4.0(m)/13.12(ft)

- | | |
|------------------|------------------|
| 516.499(92%Emax) | 280.706(50%Emax) |
| 505.27(90%Emax) | 224.565(40%Emax) |
| 449.129(80%Emax) | 168.423(30%Emax) |
| 392.988(70%Emax) | 112.282(20%Emax) |
| 336.847(60%Emax) | 56.141(10%Emax) |

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测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

路灯利用系数曲线

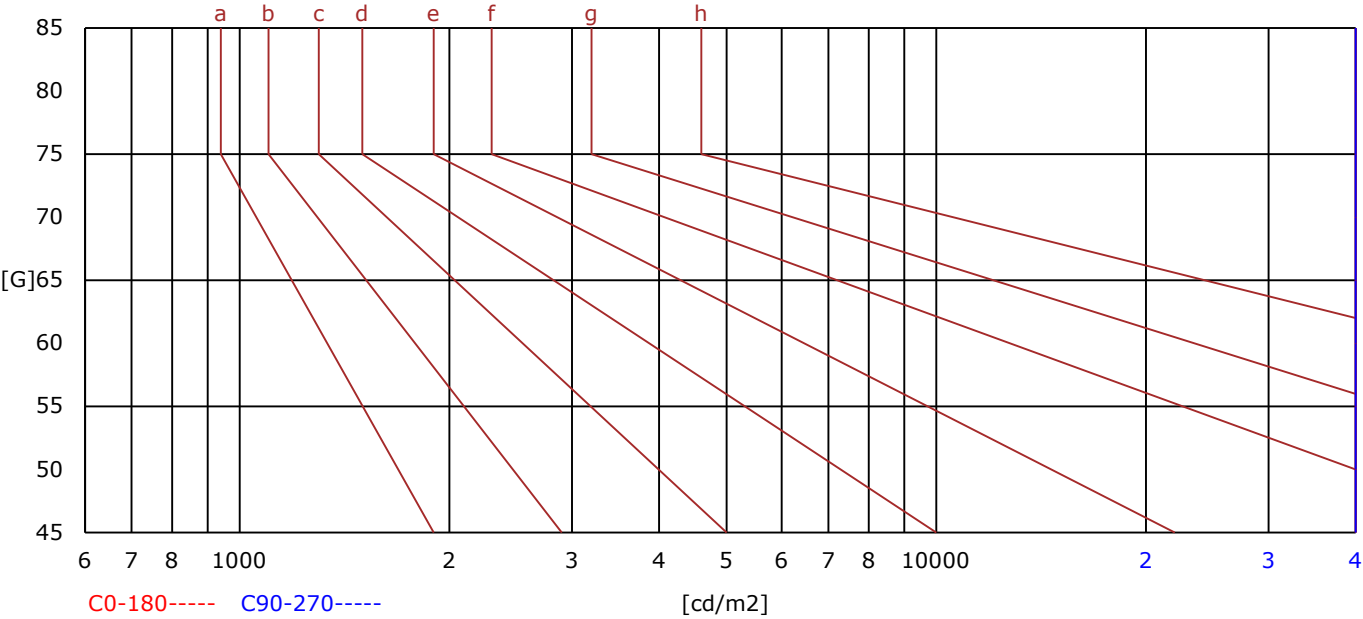


C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
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G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

亮度限制曲线

C/G	45	50	55	60	65	70	75	80	85
C0	1372929	702227	324346	207806	207103	198283	194310	201849	227298
C90	2367037	2633028	3009931	3570182	4028287	4971247	4019372	872477	263976
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
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



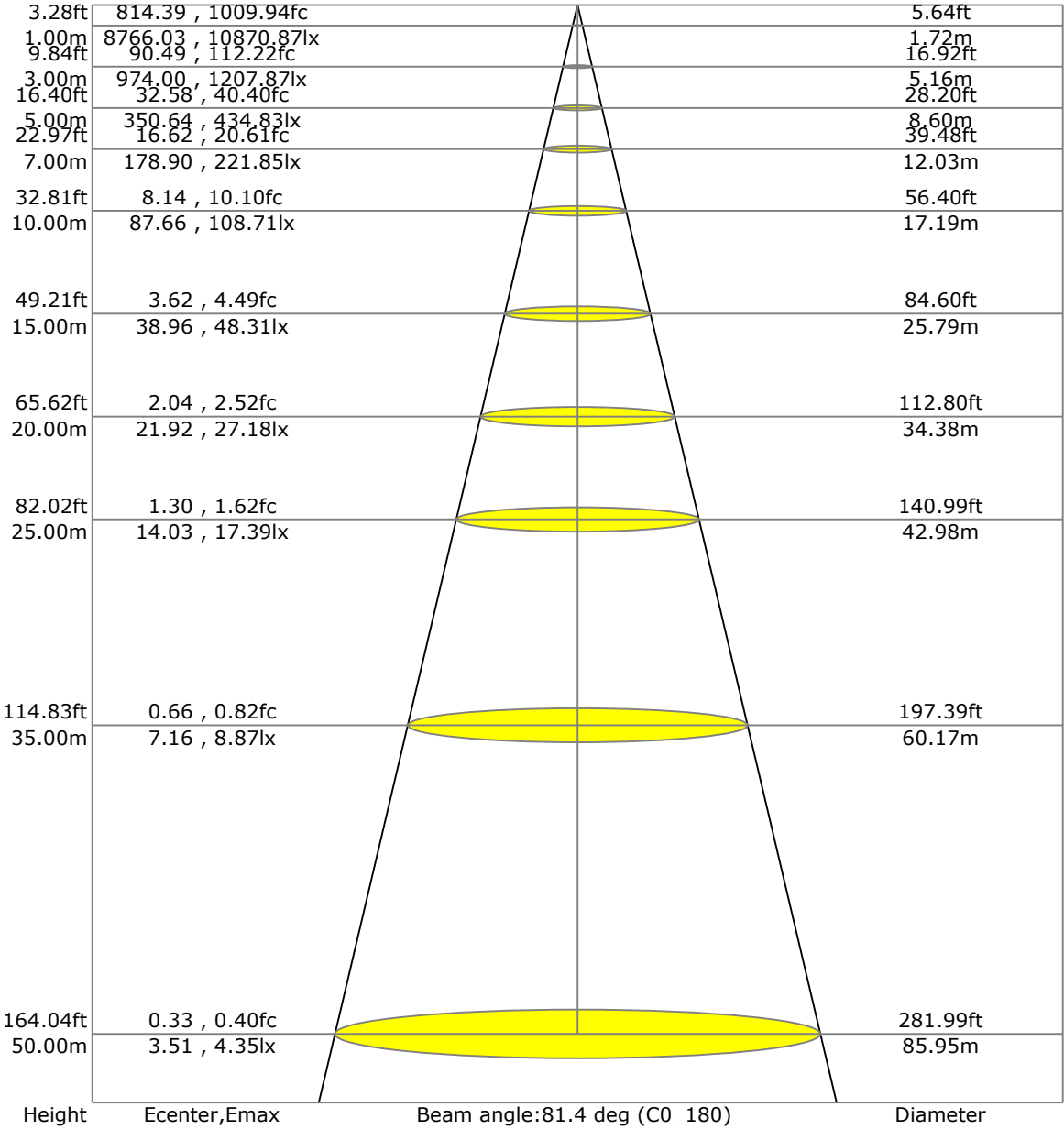
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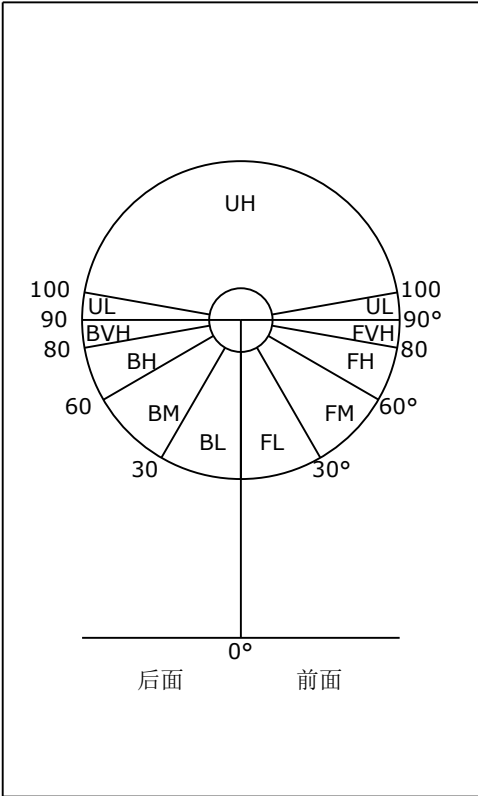
照度距离曲线



C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

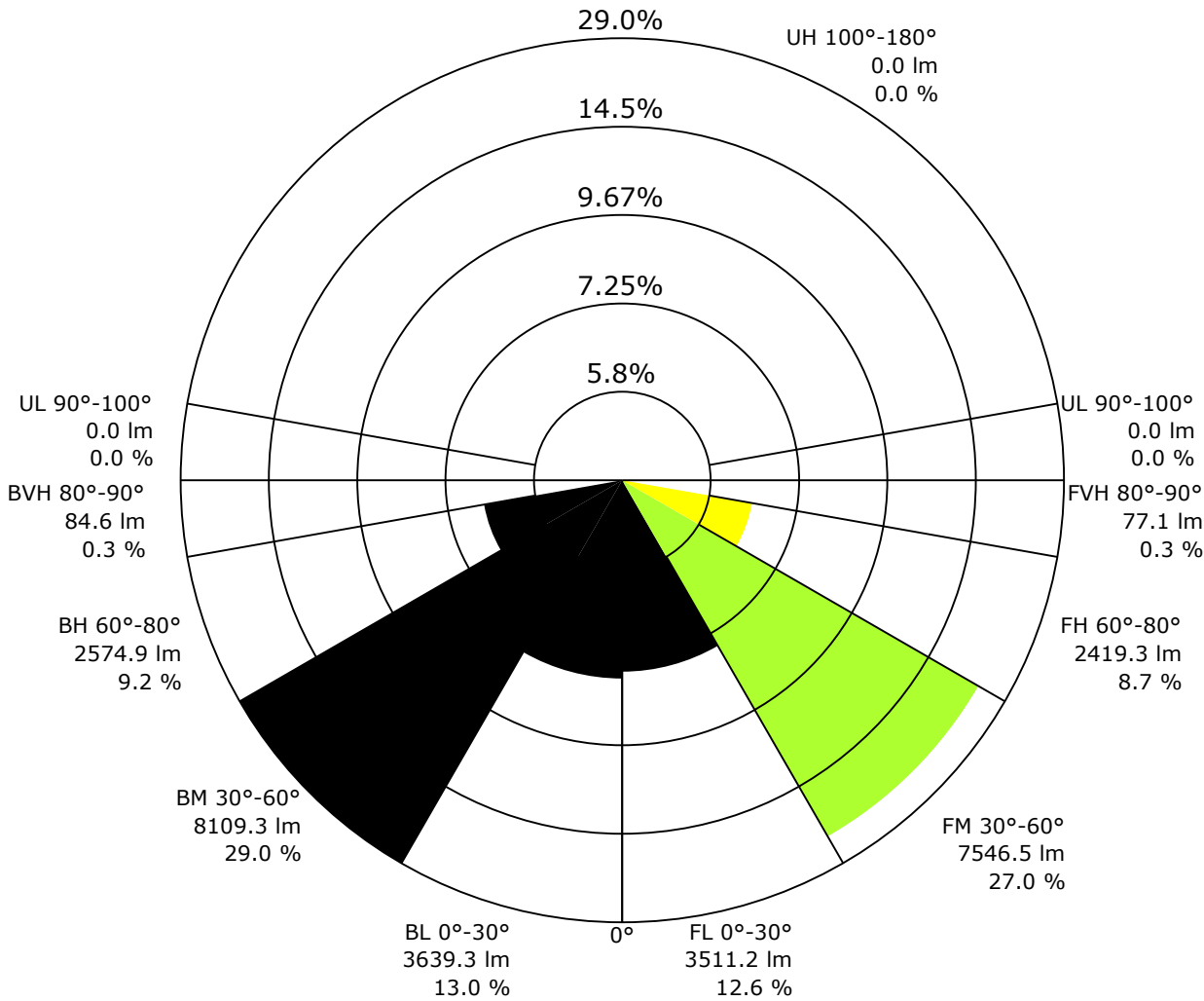
BUG等级评价表



区域	光通量(lm)	光通量(%)
前面	13554.1	48.5
FL (0°-30°)	3511.2	12.6
FM (30°-60°)	7546.5	27.0
FH (60°-80°)	2419.3	8.7
FVH (80°-90°)	77.1	0.3
后面	14408.1	51.5
BL (0°-30°)	3639.3	13.0
BM (30°-60°)	8109.3	29.0
BH (60°-80°)	2574.9	9.2
BVH (80°-90°)	84.6	0.3
上面	0.0	0.0
UL (90°-100°)	0.0	0.0
UH (100°-180°)	0.0	0.0
限制光	NA	NA

BUG等级评价表(TM-15-07)	
非对称灯具 (Type I , II , III , IV)	B4 U0 G4
对称灯具 (Type V , Area Light)	B4 U0 G2

LCS 图



后面
刻度:MAX LCS%
限制光:NA,NA

前面

UGR(Unified Glare Rating) TABLE

天花板反射比	70	70	50	50	30	70	70	50	50	30
墙面反射比	50	30	50	30	30	50	30	50	30	30
地面反射比	20	20	20	20	20	20	20	20	20	20
房间尺寸 X Y	向前(Viewed Endwise)					交叉(Viewed Crosswise)				
2H 2H	37.35	38.11	37.10	38.16	38.26	43.19	43.96	42.95	44.00	44.11
3H	37.24	37.94	37.08	38.04	38.21	42.75	43.45	42.59	43.55	43.72
4H	37.05	37.72	36.94	37.84	38.05	42.52	43.18	42.40	43.30	43.51
6H	36.82	37.44	36.75	37.59	37.84	42.27	42.90	42.21	43.05	43.30
8H	36.69	37.29	36.65	37.46	37.73	42.15	42.75	42.11	42.92	43.19
12H	36.56	37.14	36.55	37.33	37.62	42.02	42.60	42.01	42.79	43.08
4H 2H	36.83	37.49	36.71	37.61	37.82	46.10	46.77	45.99	46.89	47.10
3H	36.68	37.26	36.67	37.45	37.74	45.61	46.18	45.60	46.37	46.66
4H	36.48	37.00	36.52	37.22	37.56	45.35	45.87	45.40	46.10	46.43
6H	36.22	36.69	36.34	36.95	37.34	45.08	45.54	45.19	45.81	46.19
8H	36.09	36.52	36.23	36.80	37.22	44.94	45.37	45.09	45.66	46.07
12H	35.95	36.35	36.13	36.65	37.09	44.80	45.20	44.99	45.50	45.95
8H 4H	36.54	37.14	36.50	37.32	37.58	45.94	46.54	45.90	46.71	46.98
6H	35.96	36.32	36.17	36.64	37.11	44.88	45.24	45.10	45.56	46.03
8H	35.83	36.15	36.08	36.49	36.99	44.75	45.06	45.00	45.41	45.91
12H	35.70	35.98	35.99	36.34	36.87	44.61	44.88	44.90	45.25	45.77
12H 4H	36.10	36.50	36.28	36.80	37.24	45.02	45.42	45.21	45.72	46.17
6H	35.88	36.19	36.13	36.54	37.04	44.75	45.07	45.00	45.41	45.91

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测试距离: 7.061 m
备注:

区域光通量数据表-2

γ	C0	C5	C10	C15	C20	C25	C30	C35	γ	φ zonal	φ total	%lum	%lamp
10	9341.4	9158.9	9084.6	9136.5	9063.2	9104.5	9023.0	9068.9	10	817.4	817.4	2.9	2.9
20	9691.3	9477.7	9442.3	9465.5	9425.4	9445.6	9400.0	9430.1	20	2421.8	3239.1	11.6	11.6
30	9663.5	9340.5	9412.7	9372.3	9462.2	9484.5	9576.2	9615.9	30	3911.3	7150.4	25.6	25.6
40	8104.1	7377.9	7860.3	7601.8	8173.2	8093.1	8715.4	8808.4	40	5126.8	12277.2	43.9	43.9
50	3448.8	2434.8	3274.6	2800.1	3980.6	3805.5	5244.7	5480.2	50	5611.2	17888.4	64.0	64.0
60	585.6	560.5	647.8	696.2	797.4	770.8	862.7	915.0	60	4917.9	22806.3	81.6	81.6
70	376.3	365.8	390.9	380.1	374.7	351.8	368.9	406.5	70	3531.1	26337.3	94.2	94.2
80	202.2	189.1	200.2	194.2	204.1	202.5	210.3	198.7	80	1463.2	27800.5	99.4	99.4
90	65.7	41.9	0.0	84.4	0.0	85.0	0.0	52.6	90	161.7	27962.2	100.0	100.0

Conical surface Flux(90deg) : 15093.3 lm

%lum = 54.0%

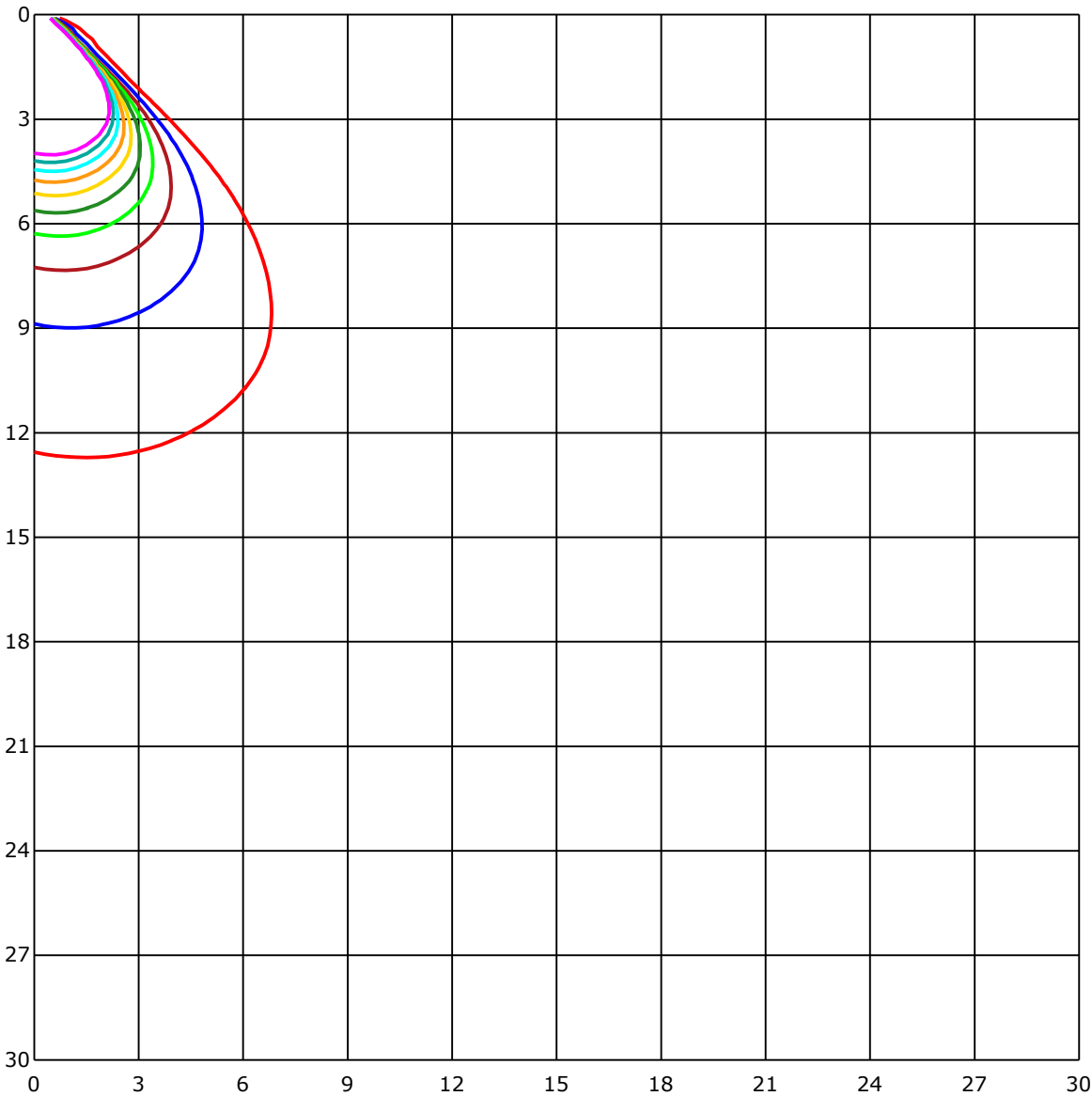
%lamp = 54.0%

Conical surface Flux(120deg) : 22806.2 lm

%lum = 81.6%

%lamp = 81.6%

空间等照度曲线



Unit of illumination:lx

- | | |
|---------|---------|
| 556.197 | 278.098 |
| 500.577 | 222.479 |
| 444.958 | 166.859 |
| 389.338 | 111.239 |
| 333.718 | 55.62 |

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测试日期: 2025/9/26 9:15:16

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G角度间隔: 1.0 Deg
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环境湿度: 1
测试距离: 7.061 m
备注:



报告编号: KUPU-LD150-2A

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光强分布数据

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G0	8766.03	8555.48	8493.19	8576.97	8484.62	8565.92	8494.64	8565.25	8519.96	8560.7
G1	8828.33	8633.19	8556.14	8633.86	8550.07	8626.94	8547.04	8619.47	8564.7	8613.52
G2	8891.16	8700.77	8613.58	8699.49	8611.82	8685.34	8604.11	8668.28	8602.77	8646.24
G3	8949.82	8777.27	8676.3	8762.39	8674.6	8744.06	8662.45	8719.95	8645.76	8691.6
G4	9009.92	8833.12	8746.48	8827.84	8736.95	8812.97	8715.76	8774.59	8692.93	8738.83
G5	9069.6	8892.56	8809.2	8884.91	8800.88	8857.65	8772.17	8825.35	8744.06	8786.61
G6	9129.47	8951.64	8869.92	8940.77	8858.38	8913.27	8825.17	8872.47	8784.31	8832.15
G7	9186.48	9006.1	8925.53	8993.41	8914.11	8961.29	8875.87	8920.79	8842.9	8874.41
G8	9240.09	9061.16	8982.36	9043.92	8963.48	9011.87	8926.38	8967.3	8888.37	8919.09
G9	9302.87	9109.8	9036.33	9091.89	9012.72	9060.56	8971.85	9012.23	8923.89	8958.5
G10	9341.42	9158.92	9084.6	9136.51	9063.17	9104.51	9022.98	9068.94	8975.25	9001.3
G11	9391.21	9199.71	9137.24	9177.49	9111.32	9148.11	9068.15	9110.83	9019.52	9042.71
G12	9435.22	9229.4	9173.12	9213.07	9148.47	9185.14	9113.26	9151.75	9062.99	9085.75
G13	9474.51	9277.49	9215.68	9252.96	9198.26	9215.2	9155.45	9180.47	9109.31	9126.61
G14	9515.61	9316.47	9258.49	9294.06	9227.28	9261.16	9191.94	9217.2	9143.68	9170.09
G15	9547.18	9346.46	9296.92	9328.61	9264.56	9300.68	9229.34	9254.11	9181.8	9216.35
G16	9588.89	9374.75	9330.92	9361.27	9305.05	9332.07	9258.0	9294.55	9219.45	9245.01
G17	9619.61	9406.02	9361.58	9383.74	9339.42	9363.95	9300.98	9335.66	9260.49	9290.24
G18	9647.0	9431.28	9377.0	9419.32	9369.05	9396.79	9340.15	9371.48	9300.07	9322.96
G19	9673.95	9458.66	9418.22	9445.42	9398.92	9419.68	9369.41	9406.63	9339.48	9366.8
G20	9691.26	9477.73	9442.27	9465.52	9425.45	9445.61	9400.01	9430.06	9377.85	9407.42
G21	9717.12	9495.88	9461.64	9484.89	9449.43	9466.43	9429.52	9470.2	9415.61	9448.89
G22	9738.92	9502.31	9481.13	9489.2	9469.04	9488.96	9461.52	9501.77	9441.84	9485.8
G23	9747.96	9507.66	9486.95	9498.85	9485.5	9508.51	9488.47	9530.55	9486.29	9518.04
G24	9755.8	9501.28	9495.27	9500.07	9494.54	9530.3	9515.19	9564.55	9508.2	9547.61
G25	9751.36	9505.11	9495.33	9498.0	9503.47	9536.5	9542.75	9594.18	9547.55	9579.85
G26	9747.6	9482.16	9493.63	9488.96	9507.96	9542.14	9555.74	9608.69	9575.17	9609.23
G27	9750.27	9472.32	9490.05	9478.7	9510.94	9539.96	9570.8	9607.23	9603.95	9650.4
G28	9724.59	9440.81	9475.9	9454.35	9503.89	9535.46	9577.54	9613.24	9623.13	9667.76
G29	9696.17	9398.43	9449.74	9419.07	9489.69	9505.59	9580.76	9615.91	9655.44	9688.34
G30	9663.51	9340.51	9412.7	9372.32	9462.18	9484.53	9576.2	9615.91	9659.87	9706.37
G31	9605.41	9268.56	9363.77	9310.4	9427.15	9438.56	9562.24	9608.14	9667.46	9724.95
G32	9544.02	9170.09	9304.45	9221.39	9377.91	9386.17	9529.09	9586.46	9679.78	9733.82
G33	9461.82	9061.77	9219.99	9127.95	9328.37	9310.52	9486.65	9544.45	9676.14	9730.72
G34	9350.65	8903.55	9109.49	9003.61	9237.72	9219.51	9439.54	9508.75	9670.19	9742.32
G35	9229.77	8723.96	8981.45	8842.05	9130.14	9098.32	9377.61	9450.95	9649.0	9725.5
G36	9063.23	8516.92	8813.75	8652.86	9000.75	8959.47	9294.25	9373.96	9619.68	9722.46

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:



报告编号: KUPU-LD150-2A

测试时间: 2025/9/26 9:15:16

光强分布数据(Continue 1)

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G37	8869.25	8270.3	8620.38	8429.31	8840.83	8778.24	9192.91	9275.36	9574.56	9691.68
G38	8646.31	8002.07	8392.64	8179.9	8648.49	8579.28	9072.09	9149.99	9515.73	9653.01
G39	8387.18	7700.92	8134.0	7900.86	8428.04	8359.31	8902.64	8990.92	9443.3	9594.11
G40	8104.13	7377.93	7860.3	7601.84	8173.16	8093.14	8715.4	8808.35	9342.51	9512.7
G41	7787.2	7011.76	7536.63	7264.88	7896.55	7800.74	8504.54	8595.73	9214.95	9421.5
G42	7434.33	6628.17	7192.99	6905.27	7588.91	7498.08	8255.31	8360.83	9063.35	9286.72
G43	7054.86	6192.66	6815.59	6493.74	7254.01	7147.7	7983.97	8086.28	8885.7	9127.34
G44	6634.24	5736.03	6409.59	6065.53	6882.98	6773.03	7676.58	7796.55	8681.82	8949.21
G45	6198.43	5236.54	5971.36	5593.11	6482.94	6352.52	7356.68	7486.06	8458.4	8742.42
G46	5705.31	4712.88	5499.19	5104.12	6044.1	5924.97	6995.37	7141.32	8193.5	8513.58
G47	5190.88	4147.75	4997.5	4575.36	5579.15	5448.49	6596.05	6749.9	7903.04	8237.64
G48	4652.28	3528.46	4461.52	3988.13	5087.42	4933.39	6183.56	6336.92	7594.67	7957.99
G49	4045.39	2944.27	3871.86	3398.6	4553.75	4396.98	5729.72	5923.03	7248.6	7655.27
G50	3448.81	2434.76	3274.56	2800.14	3980.6	3805.5	5244.73	5480.18	6877.03	7324.86
G51	2820.72	1985.48	2664.87	2224.02	3374.74	3181.85	4713.54	4995.5	6471.16	6971.38
G52	2243.88	1617.12	2123.36	1783.11	2775.0	2617.93	4162.62	4467.65	6046.58	6596.6
G53	1768.24	1340.75	1672.07	1472.87	2215.34	2123.78	3533.32	3898.46	5559.54	6183.56
G54	1382.22	1143.19	1359.57	1260.06	1753.67	1719.37	2915.86	3301.09	5030.41	5730.51
G55	1152.36	1003.48	1153.63	1130.26	1409.06	1390.05	2317.89	2702.69	4461.76	5235.32
G56	1001.54	890.49	1032.63	1045.86	1195.77	1166.81	1817.84	2149.16	3860.39	4673.17
G57	886.18	786.79	914.29	952.91	1063.41	1015.81	1406.57	1669.52	3203.1	4075.62
G58	767.24	685.04	819.22	867.42	972.34	918.85	1139.06	1306.45	2586.06	3442.74
G59	660.51	599.37	723.65	778.05	884.54	837.43	964.32	1059.58	2025.79	2799.47
G60	585.65	560.45	647.76	696.21	797.42	770.77	862.75	915.02	1560.78	2216.61
G61	553.77	543.27	611.51	635.07	711.81	703.31	787.28	805.92	1224.91	1730.42
G62	535.44	527.06	579.88	591.54	635.13	640.53	723.65	742.66	1001.42	1347.13
G63	519.65	512.31	558.39	555.9	572.78	578.24	666.46	686.86	857.83	1079.19
G64	513.03	487.66	537.5	523.9	526.45	512.31	611.51	638.77	769.49	917.09
G65	484.01	472.11	500.1	497.07	489.48	483.35	552.92	599.61	708.29	802.22
G66	467.56	452.62	488.63	459.79	460.4	446.43	503.75	554.56	659.11	722.38
G67	446.37	430.4	464.22	448.13	437.51	415.59	462.16	514.13	601.68	669.19
G68	425.3	400.35	439.02	425.24	425.61	393.37	429.31	475.63	572.78	609.69
G69	405.02	386.93	413.34	401.14	394.76	372.12	395.19	439.08	523.9	558.63
G70	376.31	365.8	390.88	380.13	374.73	351.78	368.9	406.48	482.86	524.02
G71	367.5	353.05	366.29	360.52	356.57	332.47	344.43	377.52	440.6	476.36
G72	351.41	324.94	352.87	334.23	337.81	315.65	320.69	342.79	394.76	439.57
G73	334.17	308.73	318.39	307.21	317.35	300.29	302.24	307.46	361.74	391.36

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:



报告编号: KUPU-LD150-2A

测试时间: 2025/9/26 9:15:16

光强分布数据(Continue 3)

Gamma\C	C50	C55	C60	C65	C70	C75	C80	C85	C90	C95
G0	8518.56	8555.6	8519.96	8550.92	8528.09	8543.88	8534.17	8540.97	8546.01	8532.77
G1	8553.78	8589.29	8546.37	8571.63	8540.54	8553.05	8536.78	8527.37	8533.13	8514.98
G2	8584.44	8625.3	8568.77	8592.45	8555.23	8558.69	8537.99	8526.4	8521.9	8496.95
G3	8628.7	8657.35	8605.2	8617.35	8570.23	8575.57	8542.79	8527.49	8514.49	8474.73
G4	8660.63	8695.42	8628.64	8645.4	8587.47	8592.27	8549.47	8531.37	8507.21	8467.02
G5	8702.95	8731.24	8660.51	8680.49	8611.39	8614.13	8559.42	8542.42	8497.86	8464.47
G6	8745.51	8770.4	8692.87	8703.19	8637.81	8633.49	8574.24	8554.02	8503.93	8462.16
G7	8787.83	8813.45	8728.39	8736.71	8662.27	8654.81	8590.69	8565.19	8508.06	8459.55
G8	8824.68	8847.63	8767.07	8766.82	8690.63	8678.91	8605.99	8567.38	8511.03	8459.55
G9	8874.23	8885.34	8803.8	8802.77	8718.07	8705.38	8626.45	8592.82	8518.38	8460.76
G10	8915.75	8934.7	8838.4	8845.27	8735.37	8733.61	8646.37	8611.64	8517.71	8465.86
G11	8955.16	8965.78	8876.78	8879.99	8779.15	8762.15	8668.28	8629.31	8537.63	8480.62
G12	8994.93	9005.19	8914.72	8917.7	8814.18	8794.45	8691.96	8648.55	8546.98	8484.69
G13	9027.29	9049.02	8953.27	8955.16	8845.69	8823.77	8724.32	8675.93	8557.84	8491.73
G14	9080.53	9090.67	9002.03	8982.54	8879.08	8857.23	8742.66	8690.14	8579.15	8504.78
G15	9124.61	9133.9	9031.11	9032.39	8923.59	8879.45	8769.86	8713.94	8597.73	8518.14
G16	9163.22	9173.55	9070.58	9065.9	8951.58	8922.13	8807.32	8739.26	8605.32	8530.16
G17	9203.9	9216.35	9113.68	9106.82	8986.06	8954.31	8826.69	8765.67	8624.51	8543.27
G18	9248.23	9259.15	9155.15	9148.11	9031.6	8989.64	8855.1	8795.72	8645.46	8559.54
G19	9278.28	9289.51	9197.29	9189.27	9059.53	9023.77	8888.74	8824.38	8666.4	8575.21
G20	9318.9	9337.66	9235.29	9233.17	9099.11	9058.31	8918.85	8850.85	8689.05	8586.68
G21	9358.85	9366.62	9271.78	9265.47	9135.11	9091.28	8948.78	8870.52	8711.51	8603.74
G22	9409.06	9419.14	9310.46	9307.06	9174.09	9127.77	8982.84	8896.69	8735.98	8617.89
G23	9439.11	9459.33	9359.64	9344.34	9213.31	9163.95	9013.32	8924.01	8747.76	8644.6
G24	9477.12	9493.33	9397.22	9382.65	9251.56	9199.71	9037.0	8963.29	8777.45	8650.68
G25	9516.46	9529.33	9428.67	9419.5	9280.28	9236.75	9076.22	8985.7	8801.85	8668.95
G26	9549.79	9565.09	9469.1	9452.41	9329.7	9281.38	9109.92	9022.0	8823.89	8690.2
G27	9585.43	9604.86	9506.38	9493.94	9367.29	9316.71	9152.42	9054.18	8850.73	8711.33
G28	9612.39	9635.76	9551.8	9535.59	9406.32	9356.17	9184.72	9084.72	8876.47	8730.03
G29	9650.21	9671.1	9575.6	9578.39	9445.49	9399.22	9230.07	9120.06	8900.39	8750.92
G30	9684.58	9697.93	9624.77	9618.82	9482.4	9436.8	9256.36	9152.48	8925.23	8772.35
G31	9711.84	9735.64	9665.7	9657.62	9519.5	9475.6	9295.58	9185.27	8951.64	8790.26
G32	9735.4	9771.1	9701.4	9695.26	9558.11	9512.27	9332.68	9228.19	8979.08	8808.05
G33	9758.95	9800.42	9738.13	9731.81	9595.45	9550.46	9370.44	9254.97	9005.13	8829.78
G34	9777.47	9829.26	9771.77	9767.76	9636.37	9588.65	9402.99	9292.61	9034.39	8850.85
G35	9795.99	9855.12	9808.8	9813.35	9676.5	9631.51	9438.44	9328.0	9065.66	8871.98
G36	9807.34	9878.68	9841.95	9844.44	9713.54	9672.13	9489.44	9366.07	9095.47	8891.65

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

光强分布数据(Continue 4)

Gamma\C	C100	C105	C110	C115	C120	C125	C130	C135	C140	C145
G0	8554.32	8528.34	8580.55	8519.05	8588.38	8531.98	8605.44	8544.43	8632.46	8551.1
G1	8538.96	8494.76	8542.24	8483.96	8547.16	8476.97	8552.02	8467.62	8562.09	8482.5
G2	8513.89	8462.34	8490.27	8440.3	8495.19	8419.05	8498.22	8412.62	8501.99	8412.31
G3	8487.84	8435.57	8454.21	8392.82	8441.76	8364.84	8428.4	8342.37	8432.29	8331.74
G4	8465.26	8410.86	8421.72	8356.88	8392.7	8312.07	8374.49	8276.31	8361.01	8250.57
G5	8444.73	8389.55	8394.71	8321.61	8357.67	8269.03	8314.81	8210.62	8291.73	8183.66
G6	8431.98	8381.96	8365.2	8295.32	8302.78	8208.19	8253.06	8148.02	8212.5	8093.5
G7	8419.6	8355.91	8339.58	8262.65	8261.07	8171.64	8193.68	8083.49	8139.22	8016.27
G8	8409.88	8341.03	8312.26	8220.33	8220.4	8114.02	8137.82	8019.55	8067.46	7937.77
G9	8412.56	8330.35	8287.61	8191.31	8177.9	8068.0	8080.21	7956.23	7997.33	7860.97
G10	8396.47	8320.21	8276.8	8165.75	8140.98	8024.23	8025.56	7895.45	7927.21	7787.5
G11	8394.77	8315.41	8248.75	8145.29	8106.68	7978.69	7971.77	7834.68	7862.91	7710.33
G12	8403.02	8309.83	8231.2	8123.98	8074.13	7942.69	7918.34	7771.23	7788.05	7635.6
G13	8396.04	8292.4	8218.51	8092.71	8034.37	7904.2	7872.32	7722.36	7720.48	7556.79
G14	8397.26	8301.39	8207.34	8084.03	8011.72	7865.82	7824.96	7668.02	7655.02	7477.86
G15	8403.75	8298.6	8196.78	8065.33	7981.91	7831.16	7778.03	7611.61	7580.59	7395.35
G16	8410.55	8293.01	8187.97	8047.36	7945.85	7796.97	7731.95	7549.44	7518.36	7312.05
G17	8406.06	8295.68	8176.2	8031.82	7928.18	7761.88	7682.59	7487.94	7449.81	7228.81
G18	8421.72	8298.11	8169.21	8018.16	7907.9	7724.97	7636.57	7430.26	7367.06	7143.27
G19	8419.78	8300.05	8160.71	8006.86	7882.28	7684.47	7593.04	7367.12	7303.79	7063.73
G20	8439.94	8302.42	8156.04	7992.6	7852.89	7646.04	7535.66	7308.04	7234.03	6977.39
G21	8446.31	8304.85	8154.16	7976.99	7825.08	7608.76	7488.61	7261.96	7164.09	6891.48
G22	8454.45	8308.43	8143.77	7957.74	7798.19	7575.37	7439.25	7205.44	7090.87	6805.45
G23	8467.74	8320.51	8146.2	7952.46	7774.75	7542.95	7393.89	7133.06	7014.98	6717.11
G24	8480.01	8318.81	8143.47	7930.43	7750.59	7509.61	7350.18	7073.87	6942.54	6636.79
G25	8483.23	8328.95	8138.55	7918.22	7728.06	7489.46	7309.14	7017.95	6869.2	6545.53
G26	8504.6	8336.6	8139.89	7903.89	7710.09	7447.63	7265.0	6954.44	6794.77	6452.82
G27	8509.15	8343.83	8124.59	7892.84	7688.24	7416.54	7220.74	6903.38	6722.94	6362.91
G28	8522.21	8349.9	8119.61	7881.25	7661.03	7383.27	7179.33	6848.19	6651.05	6278.21
G29	8537.38	8354.39	8114.33	7870.14	7647.38	7351.58	7133.31	6775.03	6577.59	6187.56
G30	8553.29	8356.88	8117.42	7850.4	7615.26	7319.4	7086.19	6727.68	6500.3	6096.49
G31	8565.01	8360.1	8106.68	7847.25	7604.39	7288.68	7039.81	6662.41	6425.02	6001.78
G32	8578.73	8363.07	8101.58	7834.07	7582.71	7256.86	6992.75	6600.78	6351.25	5907.43
G33	8590.15	8366.59	8098.97	7824.18	7561.95	7210.23	6944.55	6534.42	6272.99	5807.55
G34	8603.87	8372.54	8092.83	7813.31	7539.3	7188.01	6895.49	6470.37	6182.77	5709.44
G35	8610.36	8373.45	8088.28	7812.88	7517.33	7150.49	6846.74	6400.18	6108.82	5602.95
G36	8634.34	8378.62	8097.45	7791.21	7495.22	7116.37	6805.45	6330.18	6016.35	5503.62

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:



报告编号: KUPU-LD150-2A

测试时间: 2025/9/26 9:15:16

光强分布数据(Continue 5)

Gamma\C	C150	C155	C160	C165	C170	C175	C180	C185	C190	C195
G0	8655.9	8575.76	8684.8	8604.17	8723.47	8640.66	8766.03	8555.48	8493.19	8576.97
G1	8588.02	8495.07	8609.09	8522.63	8640.84	8560.7	8690.14	8484.38	8414.26	8494.52
G2	8512.19	8416.81	8531.74	8437.02	8563.67	8474.73	8599.62	8407.27	8351.11	8420.87
G3	8429.68	8333.81	8450.32	8350.32	8478.55	8386.51	8520.51	8328.28	8292.95	8346.07
G4	8355.24	8249.54	8364.11	8269.45	8389.85	8294.65	8431.8	8243.04	8217.54	8270.36
G5	8271.46	8161.93	8276.86	8165.02	8301.15	8198.6	8340.91	8156.4	8136.06	8187.67
G6	8188.64	8073.89	8189.13	8071.46	8207.83	8091.44	8246.5	8070.61	8052.76	8107.04
G7	8105.22	7983.25	8096.36	7974.81	8110.02	8000.61	8149.3	7969.52	7959.81	8019.8
G8	8018.03	7892.3	8002.74	7875.96	8008.08	7898.55	8052.09	7873.78	7870.62	7932.13
G9	7942.57	7802.26	7909.3	7777.06	7908.69	7783.07	7949.97	7786.41	7777.91	7831.88
G10	7850.04	7712.4	7803.11	7678.04	7806.45	7689.81	7845.79	7680.04	7684.96	7750.83
G11	7766.56	7619.93	7708.88	7576.89	7702.81	7575.06	7743.0	7577.25	7585.45	7654.48
G12	7684.17	7528.25	7618.11	7472.58	7595.28	7467.96	7645.31	7475.98	7485.75	7562.8
G13	7596.19	7430.93	7519.75	7365.72	7490.91	7353.46	7526.19	7371.31	7382.9	7462.92
G14	7515.63	7332.88	7420.12	7253.22	7382.78	7233.24	7413.02	7267.55	7281.88	7376.65
G15	7426.56	7232.27	7316.67	7140.96	7270.52	7124.63	7298.45	7157.41	7175.93	7262.39
G16	7334.39	7126.93	7203.43	7014.98	7151.1	7002.65	7177.45	7043.03	7066.89	7163.12
G17	7238.04	7031.98	7093.78	6899.74	7032.58	6862.34	7057.05	6925.91	6952.93	7048.55
G18	7142.17	6916.68	6980.98	6776.55	6895.37	6735.57	6916.92	6808.85	6837.08	6938.05
G19	7048.73	6817.9	6865.68	6656.03	6780.38	6601.94	6799.56	6681.47	6713.04	6823.79
G20	6958.69	6697.14	6749.47	6525.13	6649.17	6466.48	6665.2	6555.43	6588.88	6704.3
G21	6854.2	6591.68	6631.08	6409.05	6516.03	6338.92	6528.11	6424.83	6461.87	6583.66
G22	6753.48	6478.51	6502.67	6273.54	6388.47	6209.0	6393.26	6296.42	6335.16	6459.62
G23	6654.82	6370.37	6394.84	6147.43	6264.67	6061.7	6260.36	6166.31	6208.33	6335.46
G24	6564.72	6258.17	6273.48	6033.59	6127.09	5931.96	6124.91	6039.06	6080.1	6213.18
G25	6459.81	6145.67	6155.45	5899.84	6000.14	5815.02	6002.81	5910.71	5951.81	6090.36
G26	6359.02	6034.08	6035.11	5780.29	5882.11	5686.98	5863.59	5782.66	5826.31	5961.52
G27	6255.87	5911.5	5917.63	5654.98	5756.13	5558.44	5732.81	5660.56	5703.61	5841.67
G28	6155.2	5814.6	5808.95	5538.53	5620.43	5437.26	5605.44	5535.55	5579.15	5721.52
G29	6054.84	5698.02	5683.27	5417.04	5499.49	5310.67	5484.13	5416.37	5455.9	5595.48
G30	5950.6	5588.92	5574.78	5300.35	5379.52	5187.48	5362.94	5295.13	5333.44	5476.66
G31	5845.93	5476.18	5445.82	5175.58	5258.7	5060.47	5230.71	5176.49	5223.24	5359.12
G32	5739.13	5365.8	5332.77	5055.49	5135.69	4937.64	5104.97	5052.57	5096.1	5234.05
G33	5631.3	5248.44	5214.8	4920.82	5011.35	4807.04	4979.05	4932.91	4974.31	5125.98
G34	5524.08	5128.16	5088.15	4806.32	4884.82	4681.91	4849.91	4808.81	4852.52	5002.06
G35	5419.47	5007.95	4974.68	4674.63	4757.2	4550.47	4720.77	4683.92	4728.66	4870.31
G36	5296.89	4887.37	4852.34	4551.62	4630.31	4427.34	4594.67	4556.72	4604.75	4754.71

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:



报告编号: KUPU-LD150-2A

测试时间: 2025/9/26 9:15:16

光强分布数据(Continue 6)

Gamma\C	C200	C205	C210	C215	C220	C225	C230	C235	C240	C245
G0	8484.62	8565.92	8494.64	8565.25	8519.96	8560.7	8518.56	8555.6	8519.96	8550.92
G1	8421.24	8500.83	8440.67	8507.82	8473.51	8512.43	8484.08	8514.43	8498.89	8528.22
G2	8371.09	8436.84	8387.12	8450.87	8430.47	8473.45	8454.99	8483.71	8478.61	8508.42
G3	8298.35	8369.99	8332.11	8387.9	8383.72	8422.63	8418.99	8458.76	8458.94	8489.66
G4	8229.68	8302.06	8274.67	8336.06	8338.91	8380.86	8387.42	8420.33	8428.1	8474.18
G5	8158.95	8228.29	8212.5	8273.82	8286.33	8335.02	8351.96	8399.99	8419.11	8461.19
G6	8088.83	8155.98	8149.48	8213.05	8233.75	8289.0	8315.66	8373.03	8395.43	8446.56
G7	8012.27	8079.05	8085.49	8149.66	8184.51	8242.19	8277.77	8332.96	8381.17	8437.93
G8	7933.1	8004.07	8018.4	8089.01	8132.97	8198.84	8242.98	8312.26	8363.92	8428.46
G9	7853.68	7921.8	7949.79	8023.98	8082.82	8145.11	8209.95	8280.08	8355.73	8421.97
G10	7770.56	7844.03	7890.54	7963.88	8026.78	8107.89	8176.68	8259.62	8335.33	8417.78
G11	7685.14	7764.61	7814.58	7909.84	7973.9	8065.03	8143.9	8236.3	8323.18	8414.13
G12	7596.5	7685.2	7742.64	7839.9	7918.16	8022.1	8111.66	8215.48	8312.62	8415.11
G13	7504.51	7602.51	7670.99	7776.39	7863.82	7979.18	8080.57	8198.05	8306.18	8418.2
G14	7413.08	7519.39	7597.22	7717.68	7812.15	7950.04	8054.22	8183.66	8298.84	8414.5
G15	7325.89	7434.51	7519.45	7650.9	7758.66	7900.73	8027.69	8157.19	8295.62	8414.38
G16	7218.13	7344.11	7438.88	7586.48	7709.61	7865.95	8000.18	8153.49	8280.69	8430.28
G17	7117.16	7249.27	7358.68	7508.58	7654.05	7823.2	7976.14	8137.88	8288.09	8435.69
G18	7012.55	7163.06	7274.1	7449.14	7599.59	7779.67	7941.78	8118.58	8279.77	8438.97
G19	6903.26	7056.81	7187.1	7379.81	7539.73	7737.53	7908.02	8097.93	8268.48	8435.32
G20	6789.3	6953.59	7098.7	7295.35	7481.69	7693.52	7878.45	8076.69	8259.86	8444.31
G21	6680.14	6854.08	7007.51	7231.48	7421.94	7639.36	7846.82	8051.55	8247.23	8443.28
G22	6564.23	6744.8	6920.99	7154.5	7363.96	7604.45	7817.01	8038.43	8235.69	8439.09
G23	6447.6	6646.38	6828.95	7079.15	7303.25	7558.0	7785.56	8008.99	8234.66	8439.39
G24	6329.76	6538.85	6732.72	7005.32	7245.45	7510.59	7749.62	7989.62	8212.62	8435.38
G25	6210.15	6431.69	6638.12	6930.7	7178.18	7467.11	7721.63	7968.86	8201.64	8446.74
G26	6089.27	6319.92	6543.41	6843.15	7122.38	7416.72	7680.22	7955.26	8195.5	8432.47
G27	5973.49	6198.13	6445.29	6769.57	7058.63	7372.22	7654.24	7931.52	8186.64	8431.01
G28	5854.67	6095.89	6345.06	6689.18	6991.05	7319.76	7624.3	7910.45	8179.72	8438.42
G29	5733.91	5984.23	6245.36	6588.64	6923.6	7271.07	7590.61	7894.18	8170.18	8428.95
G30	5626.87	5871.43	6142.63	6498.54	6843.22	7219.28	7555.39	7870.86	8160.41	8430.35
G31	5498.52	5756.73	6025.27	6413.12	6773.7	7173.68	7517.69	7857.32	8138.86	8426.7
G32	5384.86	5642.41	5928.01	6325.81	6702.84	7118.19	7484.6	7838.26	8129.51	8425.0
G33	5266.29	5542.6	5817.94	6228.91	6628.59	7063.91	7448.6	7817.5	8123.01	8424.88
G34	5149.29	5419.41	5711.56	6132.37	6551.85	6999.31	7412.53	7795.94	8120.58	8421.6
G35	5028.04	5305.14	5603.25	6039.78	6479.42	6954.56	7375.38	7764.07	8110.32	8418.57
G36	4905.52	5191.0	5491.35	5938.88	6395.87	6893.73	7336.64	7746.28	8094.53	8414.07

C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度: 7.061
测试人员:
测试日期: 2025/9/26 9:15:16

G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度: 1
测试距离: 7.061 m
备注:

