

报告编号: KUPU-YT280-30D

测试时间: 2025/9/30 15:17:13

灯具光度测试报告

灯具属性

生产工厂: GZAILITELED
灯具型号: KUPU-YT280
光源型号:
发光面宽度: 250 mm
发光面长度: 250 mm
发光面高度: 24 mm

电压(V): 220.85 V
电流(A): 0.5410 A
功率(W): 115.29 W
功率因数: 0.9640
光源光通量: 9880.64

光度结果

CIE 等级: Direct
灯具光通量: 9880.644 lm
下射光通比: 100.00%
灯具光效(LER): 85.70 lm/W
光束角(50%) C0-180,C90-270: 31.4,31.0
视场角(10%) C0-180,C90-270: 59.9,60.1
距高比S/MH C0-180,C90-270: 0.536,0.536

最大光强: 29076.67 cd
最大光强角: C=105 Gamma=1
上射光通比: 0.00%
灯具效率: 100.00%
中心光强: 28368.64 cd
有效光通量: 8685.55 lm
光通量ERP(ϕ use)120度: 9765.82 lm

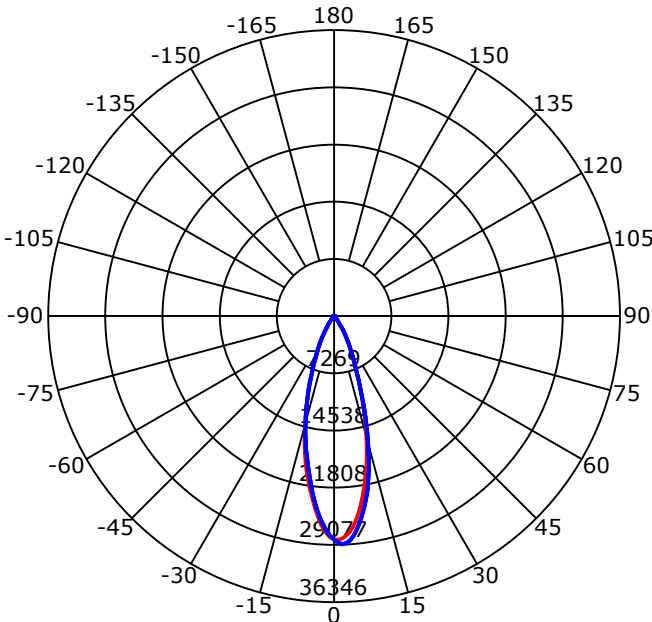
CIE色度结果

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: 31.4 deg,31.0 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:

测试人员:

测试日期: 2025/9/30 15:17:13

G角度范围: 0 - 90 Deg

G角度间隔: 1.0 Deg

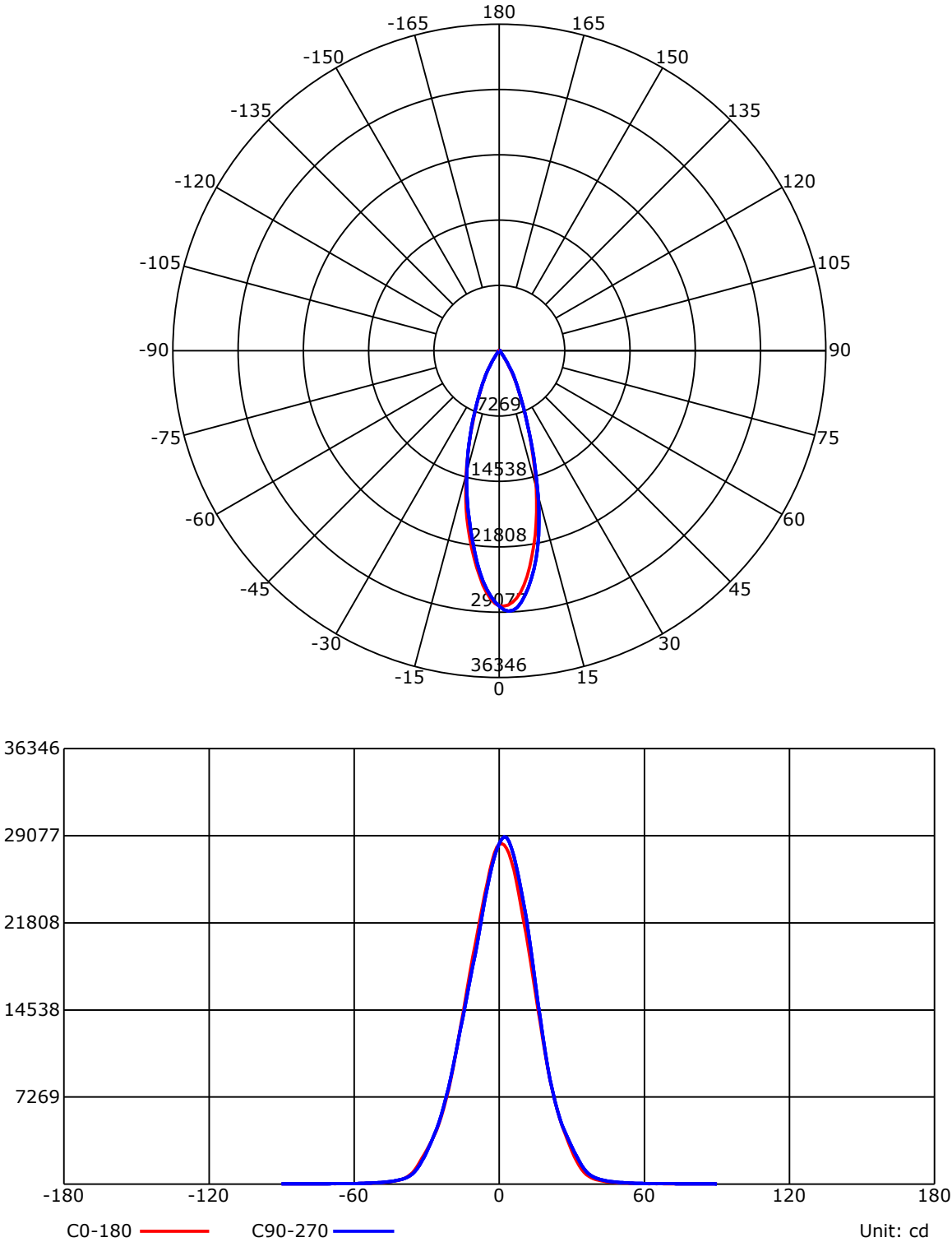
测试系统: Huipu CPM-1600B Goniophotometer

环境湿度:

测试距离: 7.061 m

备注:

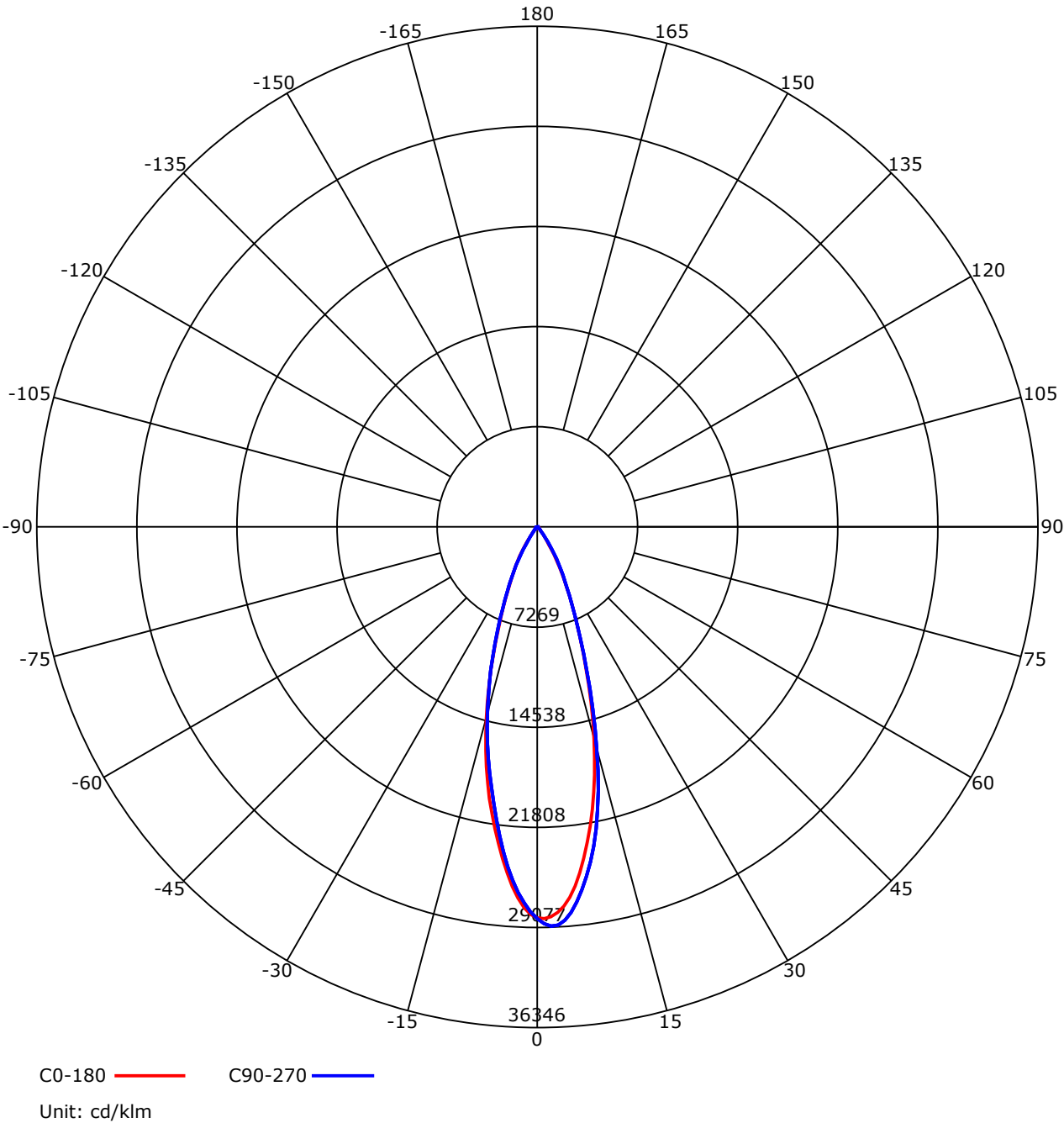
光强分布曲线



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:
测试人员:
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环境湿度:
测试距离: 7.061 m
备注:

光强分布曲线



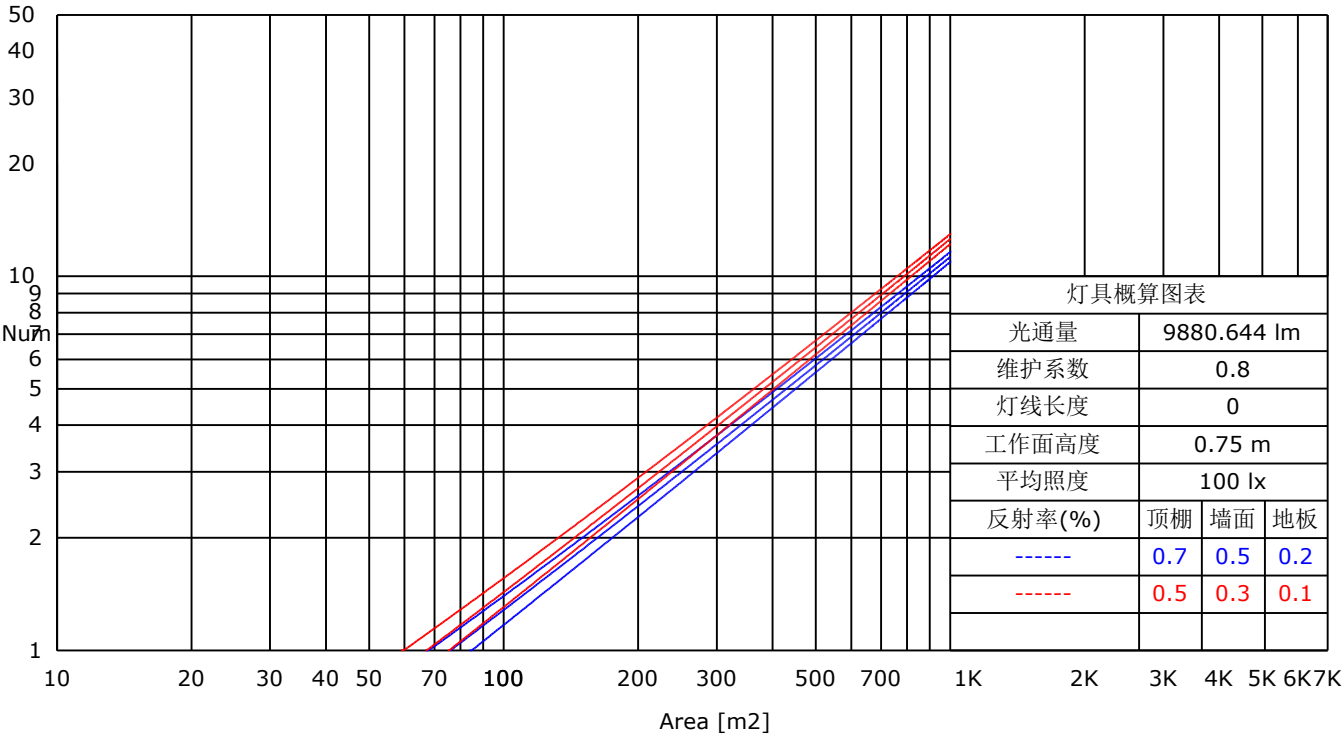
C角度范围: 0 - 360 Deg
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测试速度: High
环境温度:
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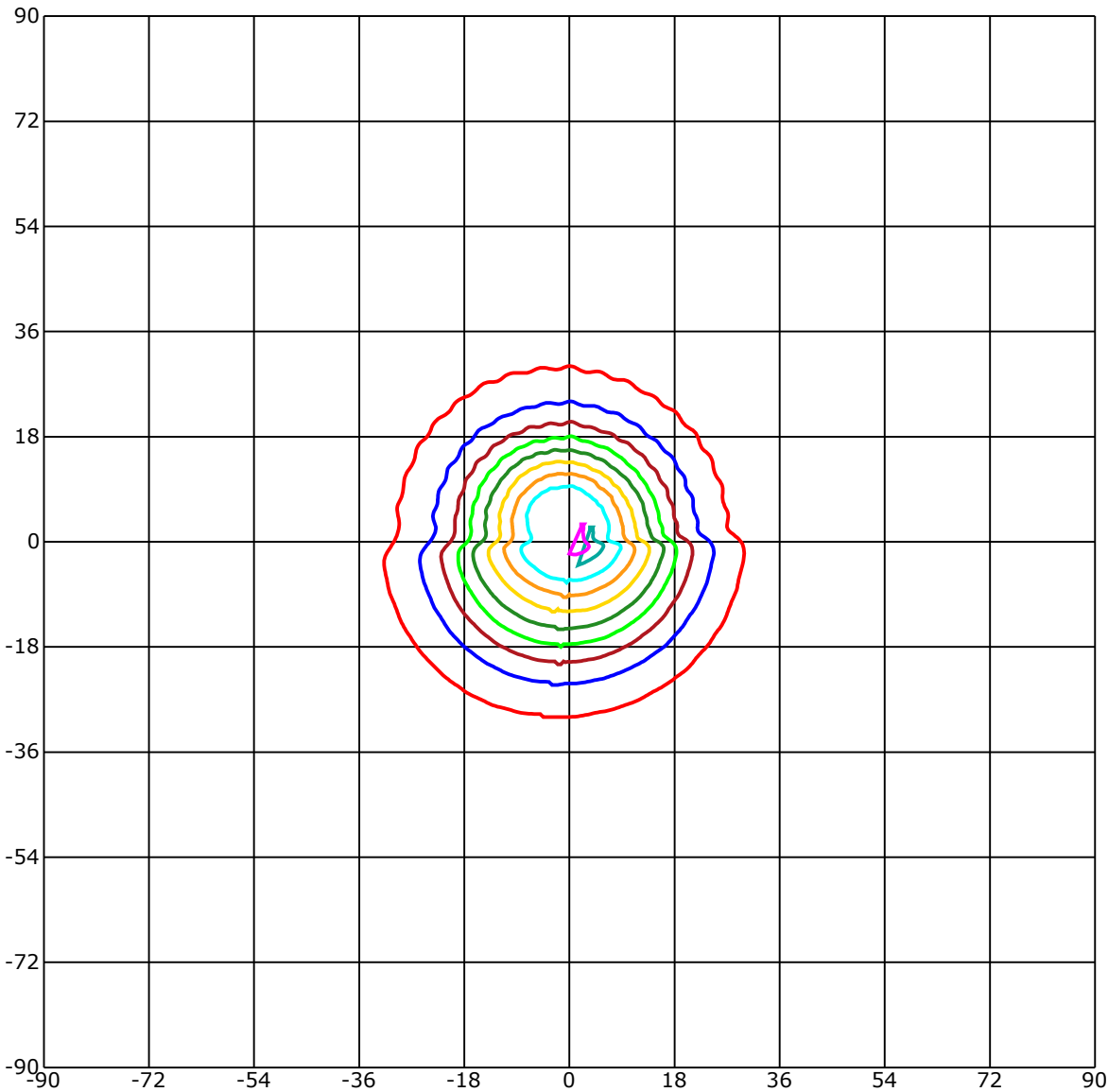
利用系数图表(TM5)

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	COEFFCIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.15	1.15	1.14	1.14	1.13	1.12	1.09	1.08	1.07	1.04	1.03	1.02	0.96	0.95	0.94	0.89
2	1.10	1.09	1.08	1.08	1.07	1.06	1.04	1.03	1.01	0.99	0.97	0.96	0.93	0.91	0.89	0.85
3	1.05	1.04	1.03	1.03	1.02	1.01	1.00	0.98	0.96	0.95	0.93	0.91	0.90	0.87	0.85	0.81
4	1.00	0.99	0.98	0.99	0.97	0.96	0.95	0.93	0.91	0.91	0.89	0.87	0.87	0.84	0.81	0.77
5	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.89	0.87	0.88	0.85	0.83	0.84	0.80	0.78	0.74
6	0.92	0.91	0.90	0.91	0.89	0.88	0.88	0.85	0.84	0.84	0.81	0.79	0.81	0.77	0.74	0.71
7	0.88	0.87	0.86	0.87	0.85	0.84	0.84	0.82	0.80	0.81	0.78	0.76	0.78	0.74	0.71	0.68
8	0.85	0.84	0.83	0.84	0.82	0.81	0.81	0.79	0.77	0.78	0.75	0.73	0.75	0.71	0.69	0.65
9	0.82	0.80	0.80	0.80	0.79	0.78	0.78	0.76	0.74	0.76	0.72	0.70	0.73	0.69	0.66	0.63
10	0.79	0.77	0.77	0.78	0.76	0.75	0.75	0.73	0.71	0.73	0.70	0.67	0.70	0.66	0.64	0.60

概算曲线



矩形等光强曲线



Unit of intensity:cd I_{max}(100%): 29076.67 cd

- | | |
|--------------------------------|--------------------------------|
| 27622.84(95%I _{max}) | 14538.34(50%I _{max}) |
| 26169.0(90%I _{max}) | 11630.67(40%I _{max}) |
| 23261.34(80%I _{max}) | 8723.002(30%I _{max}) |
| 20353.67(70%I _{max}) | 5815.334(20%I _{max}) |
| 17446.0(60%I _{max}) | 2907.667(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:

测试人员:

测试日期: 2025/9/30 15:17:13

G角度范围: 0 - 90 Deg

G角度间隔: 1.0 Deg

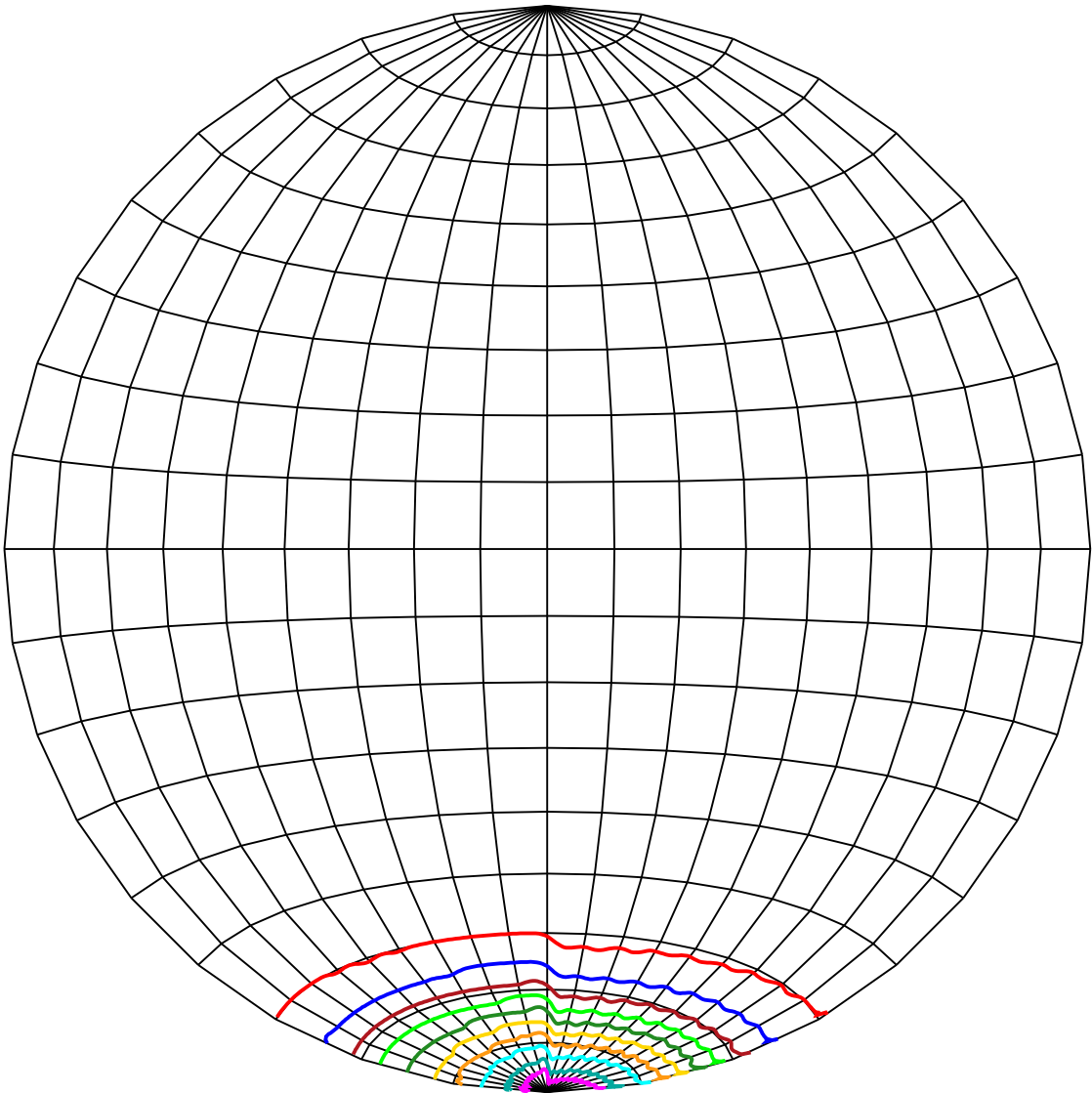
测试系统: Huipu CPM-1600B Goniophotometer

环境湿度:

测试距离: 7.061 m

备注:

球面等光强曲线



Unit of intensity:cd I_{max}(100%): 29076.67 cd

- | | |
|--------------------------------|--------------------------------|
| 27622.84(95%I _{max}) | 14538.34(50%I _{max}) |
| 26169.0(90%I _{max}) | 11630.67(40%I _{max}) |
| 23261.34(80%I _{max}) | 8723.002(30%I _{max}) |
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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:

测试人员:

测试日期: 2025/9/30 15:17:13

G角度范围: 0 - 90 Deg

G角度间隔: 1.0 Deg

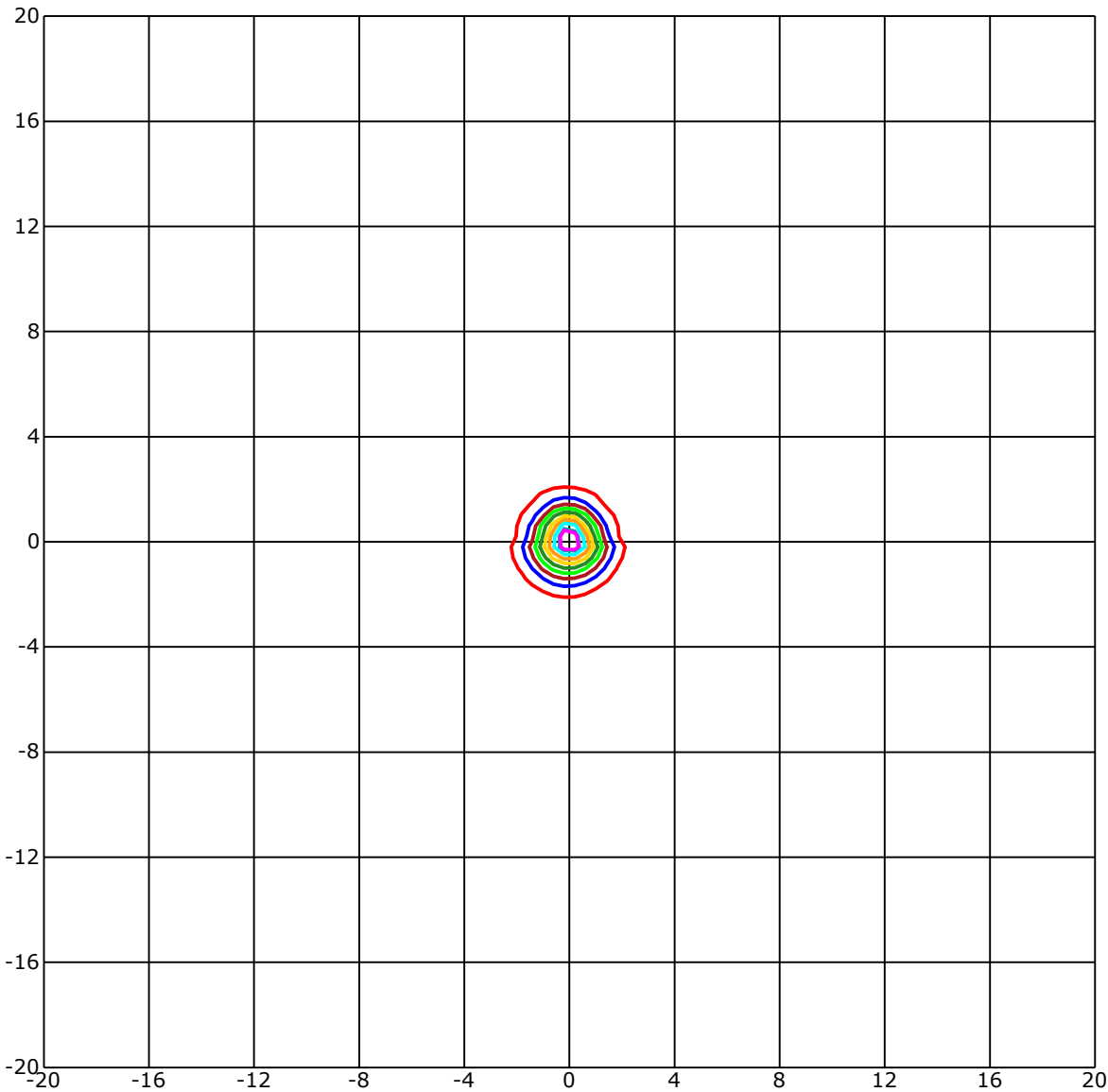
测试系统: Huipu CPM-1600B Goniophotometer

环境湿度:

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)

- | | |
|-------------------|------------------|
| 1671.145(92%Emax) | 908.231(50%Emax) |
| 1634.816(90%Emax) | 726.585(40%Emax) |
| 1453.169(80%Emax) | 544.939(30%Emax) |
| 1271.523(70%Emax) | 363.292(20%Emax) |
| 1089.877(60%Emax) | 181.646(10%Emax) |

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:

测试人员:

测试日期: 2025/9/30 15:17:13

G角度范围: 0 - 90 Deg

G角度间隔: 1.0 Deg

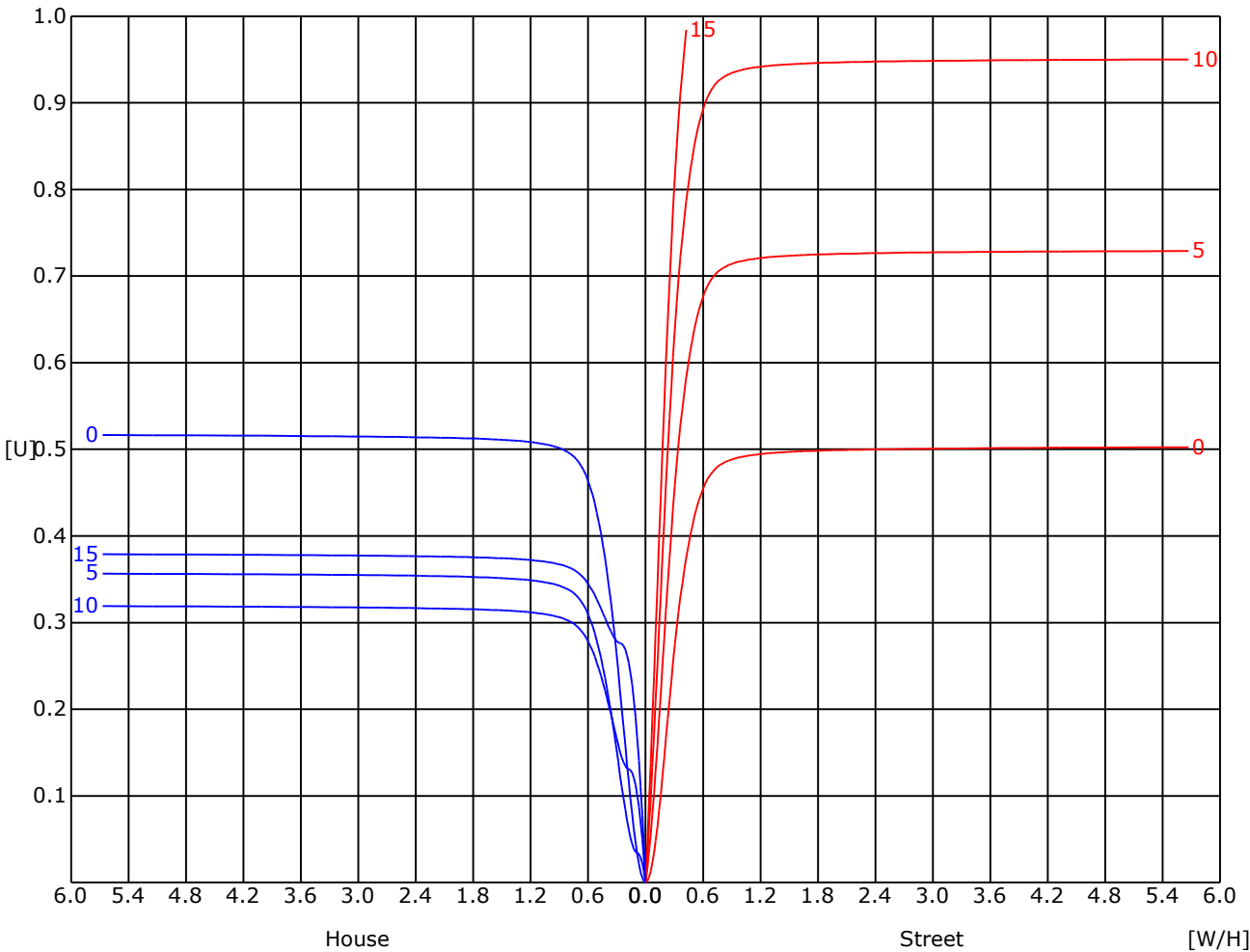
测试系统: Huipu CPM-1600B Goniophotometer

环境湿度:

测试距离: 7.061 m

备注:

路灯利用系数曲线

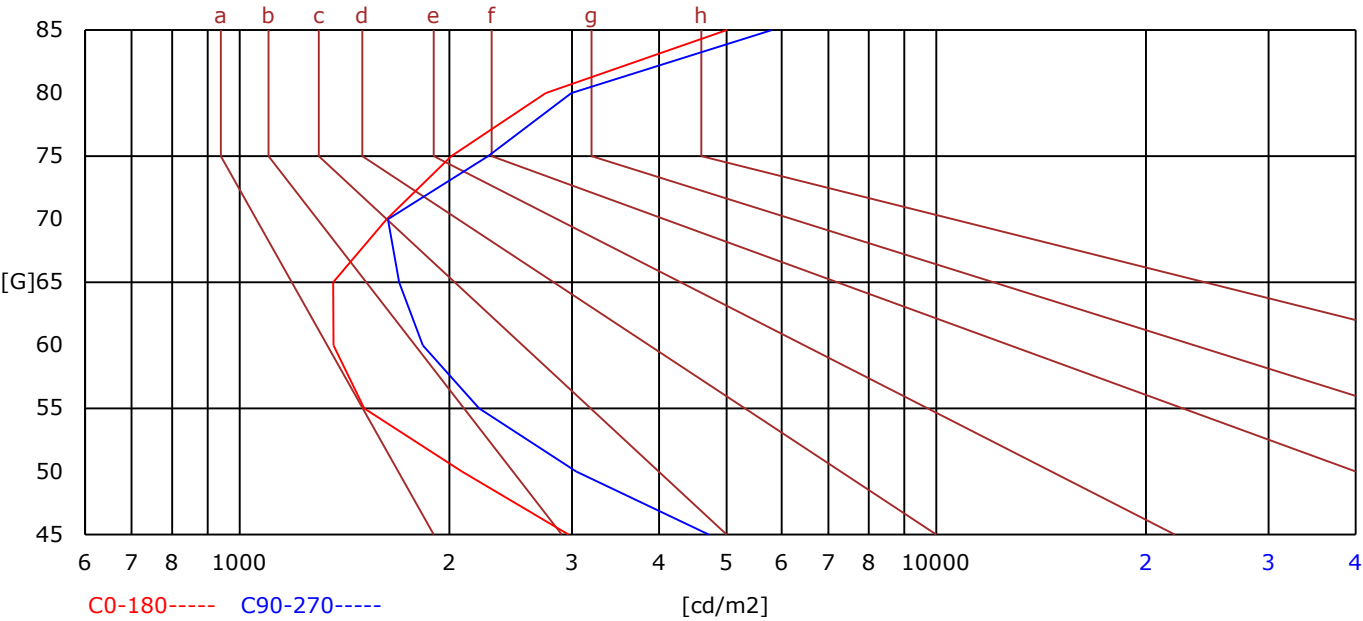


C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg
测试速度: High
环境温度:
测试人员:
测试日期: 2025/9/30 15:17:13

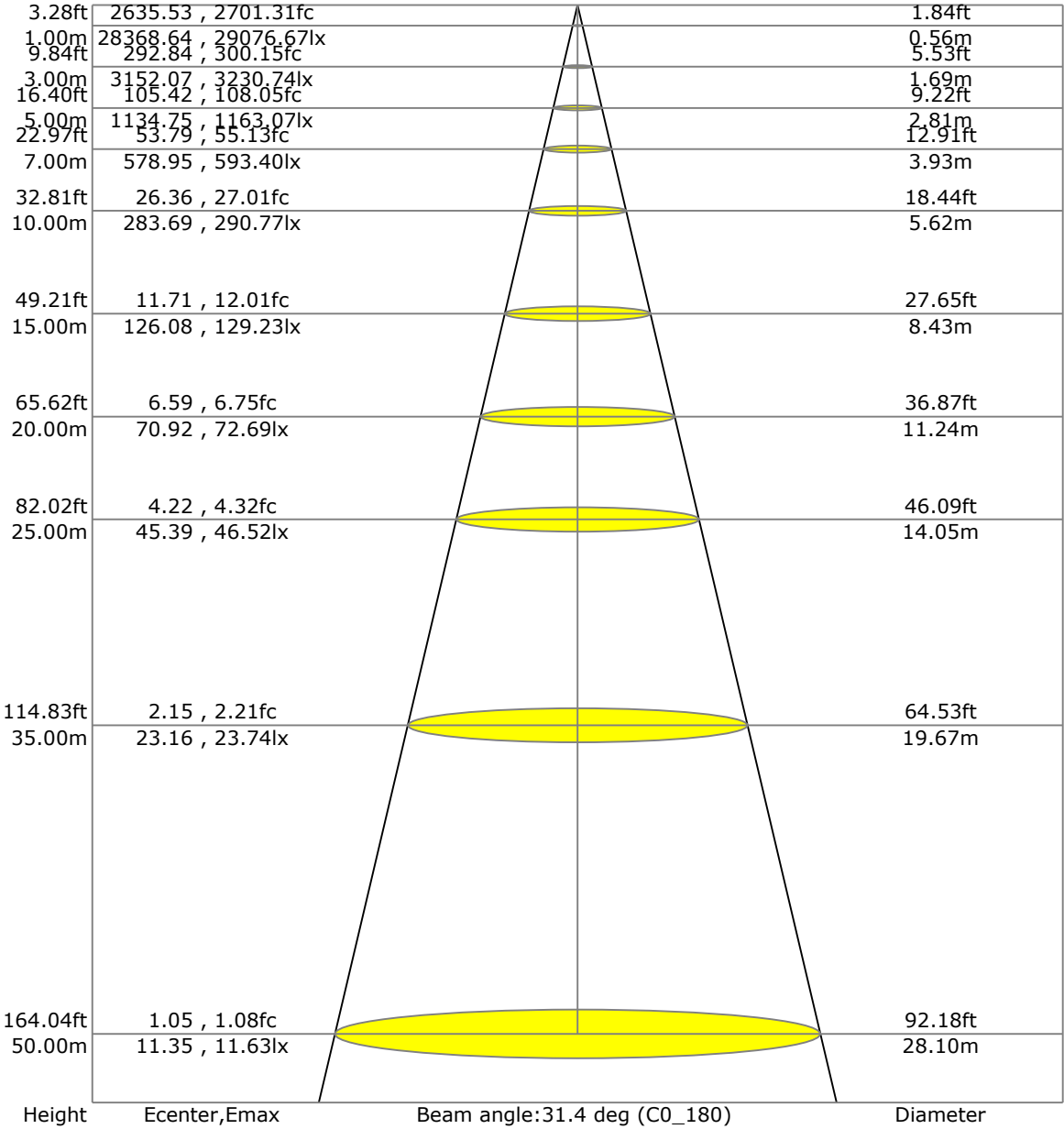
G角度范围: 0 - 90 Deg
G角度间隔: 1.0 Deg
测试系统: Huipu CPM-1600B Goniophotometer
环境湿度:
测试距离: 7.061 m
备注:

亮度限制曲线

C/G	45	50	55	60	65	70	75	80	85
C0	2966	2084	1510	1364	1363	1626	2013	2752	5007
C90	4713	3041	2207	1833	1695	1633	2275	2995	5812
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



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:

测试人员:

测试日期: 2025/9/30 15:17:13

G角度范围: 0 - 90 Deg

G角度间隔: 1.0 Deg

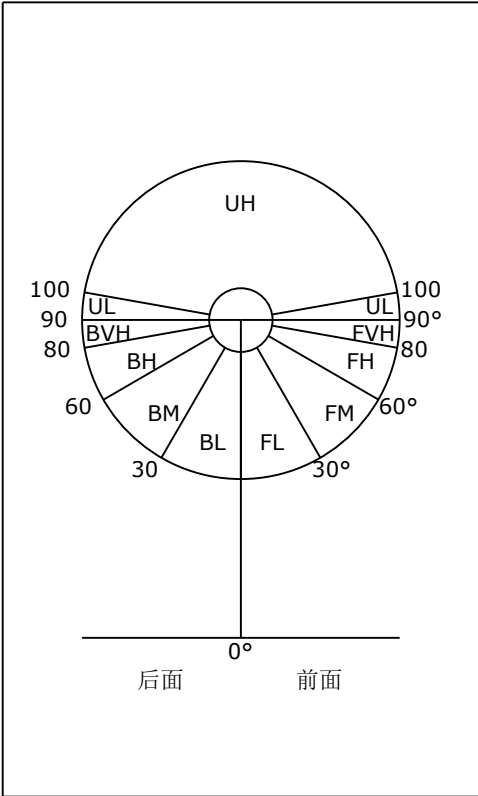
测试系统: Huipu CPM-1600B Goniophotometer

环境湿度:

测试距离: 7.061 m

备注:

BUG等级评价表



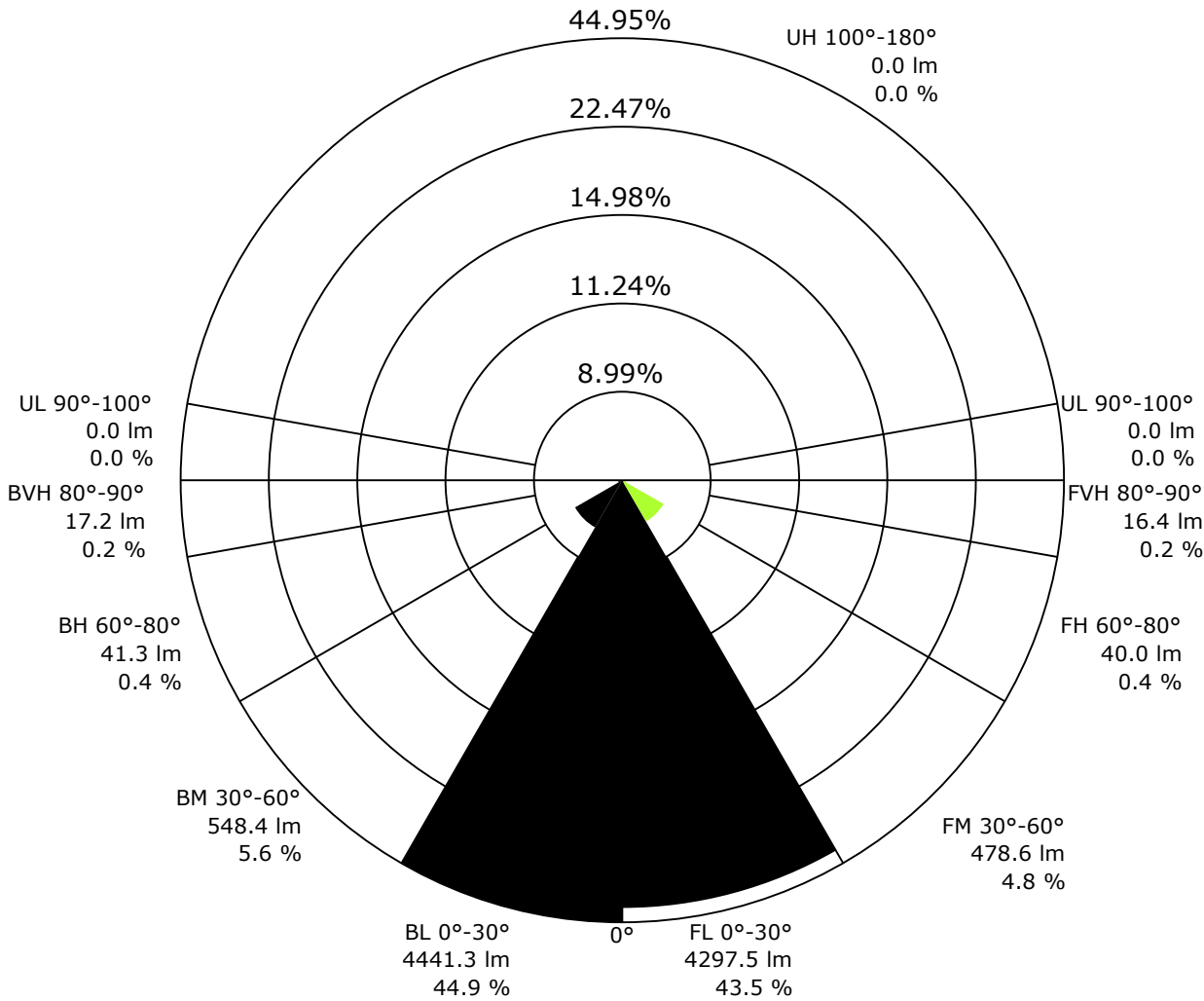
区域	光通量(lm)	光通量(%)
前面	4832.4	48.9
FL (0°-30°)	4297.5	43.5
FM (30°-60°)	478.6	4.8
FH (60°-80°)	40.0	0.4
FVH (80°-90°)	16.4	0.2
后面	5048.2	51.1
BL (0°-30°)	4441.3	44.9
BM (30°-60°)	548.4	5.6
BH (60°-80°)	41.3	0.4
BVH (80°-90°)	17.2	0.2
上面	0.0	0.0
UL (90°-100°)	0.0	0.0
UH (100°-180°)	0.0	0.0
限制光	NA	NA

BUG等级评价表(TM-15-07)	
非对称灯具 (Type I , II , III , IV)	B4 U0 G1
对称灯具 (Type V , Area Light)	B4 U0 G1

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:
测试人员:
测试日期: 2025/9/30 15:17:13

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:
测试距离: 7.061 m
备注:

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	9.76	9.96	10.07	10.41	10.94	10.83	11.03	11.14	11.48	12.01
3H	9.58	9.78	9.90	10.22	10.77	10.67	10.86	10.99	11.31	11.85
4H	9.49	9.68	9.82	10.13	10.67	10.58	10.77	10.91	11.22	11.77
6H	9.39	9.58	9.73	10.03	10.58	10.49	10.68	10.83	11.13	11.68
8H	9.35	9.53	9.69	9.97	10.53	10.45	10.63	10.79	11.07	11.63
12H	9.30	9.47	9.65	9.92	10.48	10.40	10.57	10.75	11.02	11.58
4H 2H	9.75	9.94	10.07	10.38	10.93	11.07	11.26	11.40	11.71	12.25
3H	9.72	9.90	10.07	10.34	10.91	10.99	11.17	11.34	11.61	12.18
4H	9.70	9.87	10.06	10.31	10.89	10.95	11.11	11.31	11.56	12.13
6H	9.67	9.82	10.04	10.26	10.85	10.89	11.04	11.26	11.49	12.07
8H	9.64	9.79	10.02	10.23	10.82	10.86	11.00	11.23	11.45	12.04
12H	9.60	9.74	9.99	10.18	10.78	10.82	10.95	11.20	11.40	11.99
8H 4H	10.39	10.57	10.73	11.02	11.58	11.55	11.73	11.89	12.18	12.74
6H	10.90	11.03	11.29	11.47	12.08	11.82	11.95	12.21	12.39	12.99
8H	10.97	11.08	11.36	11.53	12.14	11.86	11.97	12.25	12.42	13.03
12H	11.01	11.11	11.41	11.55	12.17	11.88	11.99	12.28	12.43	13.04
12H 4H	11.38	11.52	11.76	11.96	12.56	12.21	12.35	12.59	12.79	13.39
6H	11.67	11.79	12.07	12.23	12.84	12.42	12.54	12.82	12.98	13.59

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环境湿度:
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	22052.8	18089.8	20023.3	18521.2	20477.5	18952.9	20955.4	19405.9	10	2317.6	2317.6	23.5	23.5
20	9729.6	6585.6	7761.8	6718.4	7918.7	6857.9	8116.6	7046.0	20	4009.6	6327.3	64.0	64.0
30	2767.7	1471.0	1981.7	1539.9	2067.6	1624.5	2184.1	1722.8	30	2411.6	8738.8	88.4	88.4
40	389.3	240.5	303.3	248.6	314.6	255.1	327.7	270.7	40	774.4	9513.2	96.3	96.3
50	110.2	83.7	97.6	88.4	97.9	85.9	98.8	87.7	50	178.2	9691.4	98.1	98.1
60	50.4	42.6	48.8	42.7	51.2	43.8	46.8	45.8	60	74.5	9765.8	98.8	98.8
70	34.5	34.8	36.0	33.8	38.6	36.4	35.9	30.6	70	44.1	9809.9	99.3	99.3
80	30.5	29.9	31.6	25.6	32.9	29.1	33.2	29.8	80	37.2	9847.1	99.7	99.7
90	32.2	28.6	0.0	32.4	0.0	24.7	0.0	34.4	90	33.5	9880.6	100.0	100.0

Conical surface Flux(90deg) : 9625.9 lm

%lum = 97.4%

%lamp = 97.4%

Conical surface Flux(120deg) : 9765.8 lm

%lum = 98.8%

%lamp = 98.8%

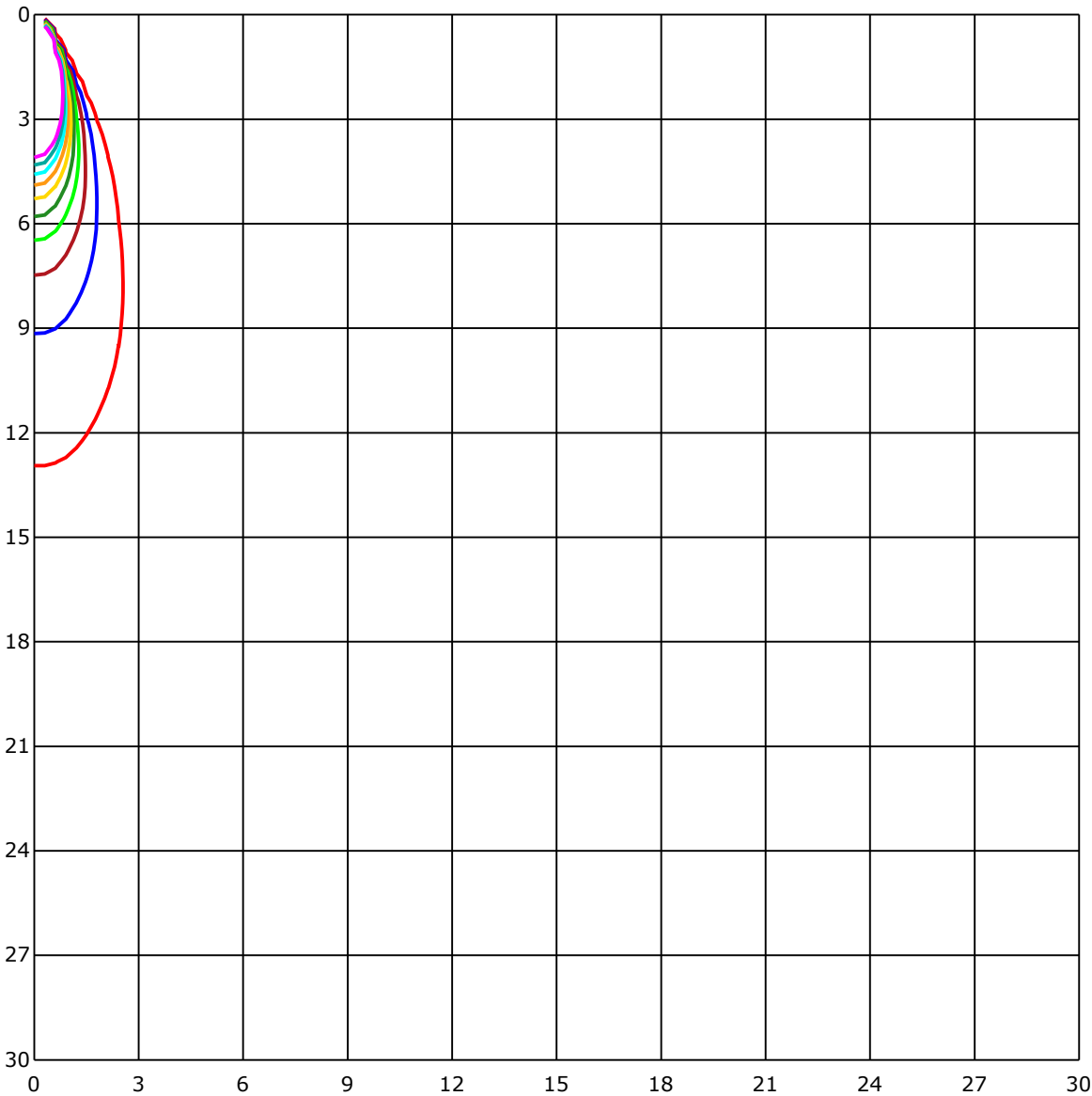
C角度范围: 0 - 360 Deg
C角度间隔: 5.0 Deg

测试速度: High
环境温度:
测试人员:
测试日期: 2025/9/30 15:17:13

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:
测试距离: 7.061 m
备注:

空间等照度曲线



Unit of illumination:lx

- | | |
|----------|---------|
| 1693.298 | 846.649 |
| 1523.968 | 677.319 |
| 1354.638 | 507.989 |
| 1185.309 | 338.66 |
| 1015.979 | 169.33 |

C角度范围: 0 - 360 Deg

C角度间隔: 5.0 Deg

测试速度: High

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环境湿度:

测试距离: 7.061 m

备注:



报告编号: KUPU-YT280-30D

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光强分布数据

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G0	28368.64	28015.55	28271.97	28135.61	28282.24	28250.28	28304.08	28350.25	28256.51	28440.24
G1	28425.58	27587.32	28161.98	27796.38	28253.42	27972.33	28334.19	28143.49	28413.21	28303.18
G2	28302.73	26954.88	27847.53	27207.01	28017.1	27467.67	28182.72	27699.95	28302.33	27914.24
G3	28023.83	26132.03	27272.22	26447.22	27517.02	26757.14	27759.78	27066.81	27966.19	27320.83
G4	27606.27	25182.09	26541.51	25546.5	26858.46	25904.87	27161.69	26246.45	27411.33	26578.0
G5	26985.24	24120.87	25683.56	24537.68	26023.83	24935.39	26381.71	25330.01	26682.8	25686.5
G6	26219.13	22983.91	24684.51	23440.81	25071.75	23884.24	25463.83	24301.15	25822.91	24700.16
G7	25289.88	21824.52	23586.74	22283.71	24023.94	22740.16	24451.72	23194.76	24854.97	23625.68
G8	24266.1	20620.06	22449.59	21079.0	22894.31	21545.02	23357.44	22000.17	23775.75	22449.63
G9	23169.33	19378.6	21247.66	19832.25	21710.89	20276.29	22185.74	20758.26	22625.33	21206.28
G10	22052.82	18089.83	20023.26	18521.24	20477.46	18952.91	20955.4	19405.92	21393.75	19884.51
G11	20893.82	16795.07	18738.97	17172.69	19179.42	17596.48	19644.44	18026.41	20075.81	18483.7
G12	19697.29	15450.81	17429.61	15800.11	17846.32	16178.13	18281.53	16589.66	18703.47	17026.81
G13	18467.05	14126.64	16080.81	14441.59	16455.14	14785.5	16872.2	15173.2	17272.26	15583.98
G14	17198.77	12818.67	14728.92	13097.72	15066.65	13409.04	15452.2	13762.28	15835.41	14143.54
G15	15923.11	11576.21	13391.08	11814.38	13682.4	12099.87	14033.45	12423.95	14389.09	12780.28
G16	14621.22	10404.66	12105.85	10613.11	12376.93	10861.9	12688.59	11156.31	13021.79	11469.77
G17	13314.6	9318.76	10880.4	9506.42	11116.63	9719.96	11400.92	9978.87	11701.11	10278.27
G18	12033.11	8316.97	9752.97	8475.66	9949.11	8666.32	10210.76	8891.83	10478.6	9155.67
G19	10856.22	7414.79	8709.3	7560.42	8882.25	7726.7	9107.11	7932.91	9355.55	8160.21
G20	9729.59	6585.56	7761.85	6718.43	7918.7	6857.93	8116.64	7046.04	8332.17	7248.17
G21	8688.01	5869.75	6913.82	5985.42	7049.88	6112.26	7226.63	6274.74	7415.84	6452.04
G22	7743.15	5203.8	6151.84	5314.83	6277.29	5433.5	6425.51	5576.04	6598.12	5733.64
G23	6909.18	4626.5	5483.1	4727.71	5583.02	4838.04	5725.46	4971.96	5874.09	5114.8
G24	6158.03	4073.48	4872.55	4188.05	4981.14	4292.35	5099.55	4413.71	5238.6	4552.01
G25	5472.08	3575.85	4320.42	3677.11	4418.94	3785.2	4537.85	3906.65	4667.28	4044.16
G26	4853.5	3088.94	3799.41	3184.81	3899.12	3291.96	4019.18	3424.53	4143.92	3558.6
G27	4294.3	2627.65	3302.23	2723.98	3403.89	2834.66	3524.44	2954.97	3651.03	3096.46
G28	3766.1	2201.42	2828.23	2287.47	2926.55	2386.49	3047.15	2515.87	3174.29	2652.93
G29	3254.36	1813.13	2388.24	1896.79	2480.97	1991.92	2601.88	2110.98	2729.41	2234.03
G30	2767.65	1471.0	1981.7	1539.91	2067.6	1624.51	2184.07	1722.78	2304.18	1849.92
G31	2320.23	1186.91	1619.63	1245.45	1699.75	1319.24	1799.47	1413.57	1915.43	1515.87
G32	1905.91	953.23	1311.91	1002.74	1379.56	1058.78	1472.15	1138.25	1572.86	1230.79
G33	1540.7	774.59	1055.64	814.13	1116.61	863.69	1192.05	924.16	1276.16	1000.45
G34	1241.91	633.59	856.21	658.47	900.78	698.01	962.6	750.11	1032.2	811.93
G35	995.01	529.89	701.3	551.18	736.75	579.15	783.76	620.68	841.8	671.18
G36	801.36	445.43	584.63	462.83	607.87	483.17	648.7	515.78	692.17	556.01

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:

测试人员:

测试日期: 2025/9/30 15:17:13

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:

测试距离: 7.061 m

备注:

光强分布数据(Continue 1)

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G37	656.53	379.52	487.36	391.68	508.05	409.28	535.97	440.44	576.41	466.07
G38	540.46	324.97	412.67	334.15	429.87	348.26	451.01	369.5	485.07	397.52
G39	451.76	274.32	352.94	285.83	366.75	299.79	383.21	316.45	412.22	340.03
G40	389.34	240.51	303.28	248.59	314.55	255.12	327.66	270.73	346.96	290.27
G41	333.5	209.85	261.85	211.7	270.88	221.97	281.15	233.28	302.09	248.49
G42	282.39	184.42	225.76	185.27	233.08	187.17	242.11	203.07	257.47	214.59
G43	243.16	163.33	199.08	165.88	203.97	167.42	210.4	173.95	223.61	187.91
G44	211.65	145.58	171.81	151.82	179.69	151.47	184.97	158.95	194.94	166.43
G45	186.77	131.08	158.8	132.97	160.04	135.66	160.39	142.39	177.24	148.78
G46	166.57	118.61	143.39	119.31	143.04	122.3	147.83	127.98	154.26	133.87
G47	149.37	107.89	129.68	110.48	129.18	110.09	133.97	115.07	138.8	121.45
G48	134.57	99.07	117.76	102.91	117.17	100.86	121.2	105.0	125.59	108.04
G49	121.85	91.04	107.54	89.2	106.85	92.93	110.29	99.32	114.12	103.01
G50	110.19	83.71	97.57	88.45	97.92	85.86	98.82	87.75	106.0	89.35
G51	100.11	77.58	89.1	81.92	92.39	79.77	91.39	80.97	94.53	88.2
G52	91.24	71.84	81.57	75.63	82.91	74.19	86.95	79.67	88.15	81.77
G53	83.11	67.16	75.24	70.0	75.83	69.25	81.07	69.2	81.17	72.44
G54	76.18	63.12	69.5	64.17	71.65	65.41	70.75	64.72	69.6	69.7
G55	75.43	54.15	64.67	59.28	67.31	61.08	65.36	61.08	70.15	64.37
G56	65.11	49.51	60.53	54.89	62.87	57.09	61.03	57.74	60.13	60.23
G57	59.88	51.75	56.99	51.2	58.63	53.4	56.99	48.76	60.48	55.89
G58	56.39	48.76	54.34	47.76	54.89	48.66	53.75	45.02	56.19	56.94
G59	53.55	45.27	51.2	45.12	51.35	46.27	50.81	48.31	55.19	48.86
G60	50.36	42.63	48.76	42.68	51.15	43.78	46.77	45.82	49.21	46.32
G61	41.48	40.68	46.42	41.58	45.77	45.87	46.52	43.68	46.52	44.32
G62	38.49	39.14	44.27	40.48	43.63	40.58	45.52	41.53	44.52	45.62
G63	42.23	37.94	42.78	39.84	47.81	44.52	37.89	44.07	43.23	42.73
G64	40.48	41.38	41.13	39.14	45.82	38.54	42.88	38.99	41.93	41.18
G65	38.84	36.0	39.59	32.21	40.78	38.34	41.58	37.89	41.08	37.69
G66	39.49	35.3	38.29	37.44	41.03	38.04	39.79	36.99	40.53	39.84
G67	39.79	35.15	37.64	36.5	39.69	37.89	38.69	36.55	39.84	39.14
G68	35.4	34.5	41.73	33.9	34.5	37.49	40.38	36.1	35.85	37.89
G69	34.95	35.05	36.55	34.25	39.04	30.81	36.65	35.95	33.65	36.99
G70	34.45	34.75	36.05	33.75	38.64	36.4	35.9	30.61	31.91	36.2
G71	37.74	34.85	35.65	33.21	32.21	35.25	35.35	29.22	31.91	35.35
G72	33.7	28.42	35.35	32.71	36.89	34.3	34.95	35.0	36.79	35.2
G73	33.85	34.0	35.6	32.26	36.0	33.3	34.55	34.05	35.6	33.75

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:
测试人员:
测试日期: 2025/9/30 15:17:13

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:
测试距离: 7.061 m
备注:

[illegible]

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:
测试人员:
测试日期: 2025/9/30 15:17:13

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:
测试距离: 7.061 m
备注:



报告编号: KUPU-YT280-30D

测试时间: 2025/9/30 15:17:13

光强分布数据(Continue 3)

Gamma\C	C50	C55	C60	C65	C70	C75	C80	C85	C90	C95
G0	28260.65	28519.61	28299.64	28623.37	28250.38	28707.33	28346.61	28838.6	28424.04	28948.39
G1	28455.15	28455.64	28522.85	28605.17	28591.61	28762.47	28690.32	28917.33	28814.97	29052.44
G2	28436.15	28123.39	28567.63	28336.14	28701.69	28555.66	28845.23	28772.34	28994.26	28917.73
G3	28165.03	27590.27	28348.6	27848.83	28550.22	28109.48	28741.43	28359.07	28929.94	28549.28
G4	27652.04	26868.92	27902.27	27148.22	28152.61	27450.06	28409.08	27728.32	28623.12	27945.05
G5	26976.71	26032.96	27253.83	26342.28	27539.86	26668.89	27817.72	26974.62	28079.07	27205.06
G6	26171.12	25080.43	26474.5	25434.87	26783.37	25777.59	27086.85	26100.02	27367.1	26366.71
G7	25221.08	24036.71	25573.82	24418.81	25911.11	24814.84	26236.58	25136.87	26532.63	25410.04
G8	24188.62	22885.69	24576.96	23301.4	24957.88	23730.23	25301.5	24110.35	25614.5	24398.32
G9	23063.88	21666.02	23479.99	22121.02	23898.55	22578.67	24273.33	22987.0	24602.54	23292.13
G10	21857.92	20343.39	22300.11	20814.5	22754.56	21288.0	23173.37	21738.31	23534.44	22086.22
G11	20554.39	18959.15	21023.06	19435.83	21494.81	19943.24	21954.7	20408.21	22344.88	20761.45
G12	19179.07	17482.11	19659.85	17976.4	20158.32	18502.7	20643.09	18980.29	21041.2	19339.91
G13	17737.03	16037.28	18207.14	16514.12	18728.75	17020.08	19222.24	17497.17	19659.95	17881.42
G14	16274.51	14568.38	16748.5	15044.32	17260.34	15532.67	17757.28	15996.2	18193.93	16371.48
G15	14806.65	13168.97	15267.63	13602.83	15768.05	14086.75	16258.4	14521.36	16678.8	14887.61
G16	13410.68	11841.26	13833.72	12236.63	14312.8	12678.82	14771.7	13086.46	15197.28	13449.77
G17	12055.2	10609.67	12460.19	10966.85	12892.76	11353.9	13330.71	11747.63	13730.62	12078.68
G18	10803.82	9460.75	11170.07	9770.97	11562.25	10132.29	11957.28	10480.34	12332.36	10788.41
G19	9637.75	8430.84	9963.97	8713.38	10320.05	9019.71	10687.25	9335.26	11030.02	9614.61
G20	8588.29	7482.65	8871.68	7733.83	9196.56	8012.04	9509.36	8284.11	9828.45	8539.13
G21	7645.93	6670.42	7902.4	6898.46	8189.18	7140.72	8466.59	7379.24	8744.05	7603.35
G22	6799.65	5926.19	7033.68	6128.21	7275.84	6346.69	7528.02	6559.38	7774.51	6755.62
G23	6058.41	5289.46	6257.89	5474.53	6483.15	5676.65	6706.06	5855.49	6918.26	6028.35
G24	5400.09	4717.59	5582.17	4892.44	5787.73	5069.63	5986.47	5235.51	6174.98	5380.5
G25	4815.56	4210.29	4990.31	4372.17	5174.38	4542.24	5357.06	4697.0	5512.32	4826.08
G26	4286.57	3718.74	4460.57	3890.25	4634.13	4060.86	4798.71	4208.99	4937.76	4329.25
G27	3795.62	3258.55	3967.98	3428.67	4142.88	3606.51	4302.77	3764.26	4430.91	3885.86
G28	3325.41	2808.34	3495.92	2981.49	3671.37	3164.97	3842.53	3333.94	3973.36	3461.72
G29	2879.48	2388.24	3042.97	2554.31	3227.74	2737.39	3404.14	2912.14	3545.93	3045.71
G30	2443.98	1982.39	2610.3	2149.92	2792.63	2322.27	2967.83	2485.51	3120.05	2629.2
G31	2046.51	1647.1	2200.97	1788.95	2373.13	1948.29	2554.26	2105.99	2706.08	2238.21
G32	1690.48	1341.87	1832.92	1468.41	1991.97	1604.47	2153.16	1742.53	2304.08	1868.47
G33	1382.46	1097.12	1507.4	1201.92	1647.75	1321.88	1797.97	1434.81	1931.69	1538.26
G34	1124.29	889.71	1229.29	970.53	1352.39	1074.88	1473.99	1164.78	1590.86	1251.33
G35	916.53	733.46	1003.74	804.5	1106.14	883.78	1208.4	953.38	1303.88	1020.09
G36	751.7	611.11	821.36	664.85	904.72	726.08	986.04	778.03	1061.77	831.63

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:

测试人员:

测试日期: 2025/9/30 15:17:13

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:

测试距离: 7.061 m

备注:



报告编号: KUPU-YT280-30D

测试时间: 2025/9/30 15:17:13

光强分布数据(Continue 4)

Gamma\C	C100	C105	C110	C115	C120	C125	C130	C135	C140	C145
G0	28515.03	28975.56	28491.69	28963.05	28542.15	28894.2	28544.64	28777.53	28563.39	28639.02
G1	28890.35	29076.67	28881.68	29034.34	28866.62	28917.78	28791.49	28729.51	28715.65	28490.89
G2	29062.91	28943.85	29060.87	28883.22	28990.37	28722.33	28857.55	28462.08	28675.87	28116.31
G3	29008.32	28578.1	29003.88	28508.89	28891.15	28314.6	28678.71	27994.51	28407.53	27553.32
G4	28728.27	28017.84	28702.09	27941.96	28580.59	27739.89	28320.78	27364.01	27971.38	26851.27
G5	28213.49	27286.68	28193.49	27224.96	28071.69	27010.17	27772.29	26610.66	27337.84	26049.61
G6	27531.83	26460.44	27525.65	26399.56	27393.63	26169.27	27085.96	25750.57	26602.19	25162.39
G7	26700.75	25521.97	26725.13	25454.06	26590.32	25242.86	26271.18	24817.63	25761.73	24209.91
G8	25810.34	24510.0	25823.61	24457.65	25684.46	24218.04	25374.84	23782.13	24846.69	23174.42
G9	24816.63	23416.92	24843.6	23363.43	24692.38	23127.35	24366.76	22671.2	23833.63	22075.55
G10	23757.45	22212.26	23789.46	22144.11	23626.03	21897.31	23291.38	21461.71	22758.9	20874.83
G11	22579.81	20919.05	22620.55	20857.23	22452.53	20602.86	22106.71	20187.54	21594.47	19620.61
G12	21308.24	19513.26	21349.53	19480.41	21188.98	19245.23	20851.39	18844.32	20340.55	18314.98
G13	19937.55	18068.59	19988.91	18064.5	19837.14	17860.23	19514.51	17492.68	19035.43	17003.43
G14	18493.67	16580.29	18579.13	16601.67	18438.53	16436.84	18145.96	16112.02	17698.24	15663.4
G15	16978.75	15097.96	17080.06	15155.65	16997.54	15032.0	16743.62	14748.11	16325.86	14343.27
G16	15493.68	13655.38	15613.59	13730.52	15558.2	13647.15	15343.41	13398.86	14985.14	13048.36
G17	14022.53	12293.67	14156.45	12378.03	14139.75	12327.37	13969.14	12119.21	13656.03	11812.19
G18	12622.63	10996.42	12768.91	11088.16	12771.7	11049.67	12637.39	10882.89	12359.03	10606.93
G19	11299.3	9814.89	11442.65	9920.99	11468.47	9891.27	11357.79	9734.82	11120.57	9505.57
G20	10093.15	8727.84	10230.9	8810.96	10263.01	8809.26	10166.89	8676.44	9966.86	8471.77
G21	8982.62	7769.08	9121.52	7870.94	9165.79	7856.03	9082.83	7740.66	8903.64	7564.26
G22	7987.26	6901.7	8111.1	6980.23	8148.9	6980.73	8093.2	6886.15	7939.34	6728.7
G23	7103.48	6152.29	7225.08	6225.73	7260.43	6220.0	7205.79	6136.99	7069.97	6001.02
G24	6328.24	5487.79	6427.01	5548.22	6471.83	5548.96	6425.31	5476.72	6302.71	5354.57
G25	5655.41	4915.82	5739.22	4970.81	5774.82	4964.88	5733.29	4897.67	5626.74	4786.94
G26	5058.66	4415.65	5134.7	4454.89	5162.92	4448.56	5125.57	4388.03	5030.54	4284.82
G27	4538.3	3969.47	4606.4	4003.73	4624.75	3990.81	4588.76	3939.31	4499.41	3847.62
G28	4077.71	3550.97	4145.92	3588.31	4152.1	3583.67	4119.54	3534.96	4034.89	3453.25
G29	3655.82	3141.44	3716.15	3186.31	3730.35	3194.24	3705.92	3152.55	3628.2	3082.2
G30	3239.36	2726.72	3305.12	2787.45	3329.95	2800.56	3311.85	2769.1	3243.49	2709.17
G31	2825.69	2336.23	2899.68	2396.81	2929.99	2422.29	2922.56	2397.56	2869.86	2345.76
G32	2422.74	1951.63	2500.37	2021.83	2540.9	2048.11	2538.01	2026.17	2495.63	1983.29
G33	2043.87	1626.76	2121.85	1684.99	2171.4	1711.02	2169.11	1695.51	2131.67	1653.03
G34	1694.56	1320.73	1767.01	1377.77	1810.33	1399.71	1817.86	1385.6	1782.36	1345.01
G35	1393.32	1083.56	1457.39	1125.64	1496.48	1141.54	1505.8	1120.1	1468.86	1089.19
G36	1134.36	880.84	1188.86	906.56	1218.67	921.42	1222.26	905.07	1192.7	871.96

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:

测试人员:

测试日期: 2025/9/30 15:17:13

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:

测试距离: 7.061 m

备注:



报告编号: KUPU-YT280-30D

测试时间: 2025/9/30 15:17:13

光强分布数据(Continue 5)

Gamma\C	C150	C155	C160	C165	C170	C175	C180	C185	C190	C195
G0	28518.02	28468.66	28459.18	28275.86	28415.86	28092.53	28368.64	28015.55	28271.97	28135.61
G1	28571.02	28211.59	28442.18	27904.27	28275.46	27600.24	28125.94	28232.88	28195.84	28280.7
G2	28438.59	27734.11	28179.04	27313.11	27903.52	26923.07	27648.1	28225.85	27972.92	28186.31
G3	28080.17	27071.45	27723.38	26561.35	27321.23	26083.71	26959.31	28000.04	27596.9	27879.84
G4	27531.68	26292.02	27080.67	25705.14	26580.05	25137.81	26155.26	27572.32	27076.98	27364.26
G5	26820.21	25418.01	26273.82	24771.61	25697.62	24145.2	25195.55	26934.69	26381.56	26653.59
G6	26035.95	24490.36	25401.66	23807.31	24766.92	23131.94	24206.72	26121.26	25546.7	25773.5
G7	25129.09	23509.61	24458.5	22798.74	23771.11	22102.82	23158.71	25172.56	24608.08	24800.47
G8	24195.65	22488.28	23486.13	21762.0	22769.92	21058.75	22137.53	24170.13	23610.02	23733.72
G9	23170.38	21390.36	22465.69	20682.08	21730.09	19999.83	21077.7	23138.72	22579.21	22656.74
G10	22113.59	20224.83	21400.68	19545.87	20676.79	18875.04	20023.36	22103.52	21539.83	21574.98
G11	20949.66	19009.1	20270.25	18370.53	19573.54	17731.65	18932.97	21073.31	20519.04	20535.3
G12	19730.29	17732.9	19088.08	17136.79	18426.17	16546.48	17808.58	20003.71	19453.48	19470.98
G13	18461.07	16463.57	17856.89	15909.4	17233.97	15363.91	16663.65	18946.63	18384.09	18414.0
G14	17165.96	15167.47	16591.65	14657.87	16029.26	14160.49	15487.25	17831.76	17298.88	17338.32
G15	15835.41	13893.75	15310.56	13439.7	14797.67	12974.03	14302.29	16715.3	16204.21	16259.55
G16	14539.66	12653.24	14066.31	12227.86	13576.96	11825.35	13138.11	15554.51	15082.21	15143.68
G17	13250.44	11448.08	12824.85	11086.71	12392.14	10718.26	11987.19	14414.81	13957.77	14047.91
G18	12014.36	10299.41	11622.43	9974.04	11241.07	9652.31	10870.23	13230.84	12821.86	12910.06
G19	10825.61	9242.08	10486.92	8956.69	10144.9	8670.61	9815.24	12117.17	11715.77	11834.53
G20	9702.36	8242.58	9416.18	7992.89	9115.14	7747.19	8819.03	10999.11	10630.81	10752.86
G21	8676.84	7366.58	8425.36	7148.55	8160.31	6925.34	7900.4	9970.7	9597.71	9746.59
G22	7739.56	6548.16	7519.99	6365.78	7289.85	6166.45	7059.01	8955.69	8633.36	8748.83
G23	6897.27	5843.48	6702.97	5682.04	6504.29	5509.73	6304.06	8040.75	7746.1	7860.42
G24	6153.14	5210.48	5985.17	5069.93	5806.58	4917.12	5626.44	7184.55	6926.19	7025.9
G25	5492.03	4663.54	5342.16	4534.06	5193.83	4401.09	5028.35	6433.94	6176.92	6292.99
G26	4904.3	4176.23	4771.58	4063.35	4638.06	3940.11	4495.97	5728.0	5519.25	5604.51
G27	4389.37	3751.3	4276.25	3648.74	4154.44	3538.05	4024.91	5124.33	4930.23	5007.61
G28	3937.21	3365.99	3837.15	3272.96	3725.47	3165.07	3608.25	4572.25	4403.83	4469.65
G29	3542.24	3000.19	3447.76	2915.13	3349.54	2800.51	3235.47	4101.25	3937.81	4001.03
G30	3166.76	2627.9	3078.32	2550.42	2984.13	2439.99	2866.87	3666.19	3525.99	3580.03
G31	2797.97	2277.45	2720.69	2193.99	2623.16	2086.6	2506.9	3284.08	3144.78	3191.89
G32	2433.11	1922.07	2360.51	1842.09	2262.15	1739.09	2150.46	2918.42	2787.79	2824.14
G33	2076.18	1596.64	2002.34	1523.0	1912.74	1431.22	1807.89	2563.34	2425.88	2474.99
G34	1736.3	1295.8	1668.69	1228.99	1580.44	1144.93	1481.32	2212.74	2085.3	2126.73
G35	1426.03	1050.05	1368.3	990.42	1286.03	916.38	1197.68	1871.31	1744.72	1789.29
G36	1151.91	835.22	1100.06	790.99	1035.25	729.42	955.97	1549.58	1432.51	1474.94

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:

测试人员:

测试日期: 2025/9/30 15:17:13

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:

测试距离: 7.061 m

备注:



报告编号: KUPU-YT280-30D

测试时间: 2025/9/30 15:17:13

光强分布数据(Continue 6)

Gamma\C	C200	C205	C210	C215	C220	C225	C230	C235	C240	C245
G0	28282.24	28250.28	28304.08	28350.25	28256.51	28440.24	28260.65	28519.61	28299.64	28623.37
G1	28137.95	28311.66	28098.96	28332.45	27895.84	28343.67	27909.2	28356.13	27914.84	28391.08
G2	27838.61	28130.17	27744.32	28071.44	27363.36	28013.91	27404.79	27964.05	27389.19	27949.09
G3	27387.59	27750.56	27248.39	27609.56	26710.23	27491.05	26774.09	27385.5	26721.69	27324.52
G4	26794.88	27165.78	26610.16	26939.17	25934.64	26767.01	26031.56	26611.46	25951.94	26497.63
G5	26043.18	26395.03	25801.27	26124.35	25027.43	25892.71	25137.56	25672.74	25008.73	25529.35
G6	25177.7	25444.74	24865.09	25117.32	24061.48	24828.95	24128.34	24574.72	23956.93	24400.32
G7	24209.51	24425.79	23828.15	24022.0	23008.29	23689.1	23052.06	23415.28	22835.93	23207.17
G8	23167.14	23314.22	22731.33	22866.0	21954.95	22513.15	21938.44	22201.49	21659.14	21981.02
G9	22096.74	22195.11	21631.32	21734.58	20903.9	21334.82	20808.72	21027.09	20531.16	20792.41
G10	21038.81	21083.38	20544.87	20611.38	19885.75	20198.61	19732.14	19881.71	19468.99	19665.73
G11	20003.52	20021.76	19492.82	19534.15	18880.87	19152.35	18723.27	18839.29	18443.37	18636.52
G12	18952.41	18957.25	18449.15	18492.43	17916.67	18110.62	17714.5	17824.43	17440.28	17611.14
G13	17897.18	17923.85	17417.35	17478.27	16946.09	17124.03	16719.29	16840.84	16468.9	16646.3
G14	16844.98	16878.73	16414.11	16466.61	15993.26	16137.75	15730.41	15847.48	15488.9	15644.16
G15	15796.62	15848.57	15401.4	15459.13	15042.67	15139.85	14755.24	14880.29	14509.14	14657.82
G16	14715.41	14779.37	14352.24	14425.58	14042.73	14119.31	13745.92	13870.67	13507.85	13640.82
G17	13606.52	13725.18	13278.16	13404.7	13002.2	13125.09	12747.07	12868.38	12516.23	12654.99
G18	12502.07	12614.05	12203.38	12322.33	11947.7	12069.56	11739.95	11834.78	11514.39	11615.1
G19	11428.34	11560.86	11170.22	11302.55	10933.5	11071.85	10731.82	10857.91	10520.58	10647.67
G20	10404.11	10507.76	10157.41	10269.74	9951.3	10060.84	9737.06	9856.77	9544.16	9660.78
G21	9390.5	9526.91	9169.28	9303.7	8987.6	9121.52	8794.3	8939.89	8621.35	8756.46
G22	8439.67	8554.59	8236.65	8361.34	8072.56	8193.12	7928.57	8032.28	7766.64	7865.5
G23	7569.1	7695.04	7393.95	7520.09	7246.22	7367.72	7110.36	7222.09	6966.67	7065.44
G24	6782.15	6872.04	6624.84	6715.19	6495.96	6579.82	6368.23	6452.29	6228.53	6301.97
G25	6050.48	6158.23	5913.92	6014.44	5792.82	5903.1	5682.09	5785.29	5556.84	5653.52
G26	5401.83	5479.96	5274.0	5356.61	5171.09	5255.8	5071.83	5147.11	4959.7	5024.51
G27	4817.3	4896.03	4708.76	4789.28	4618.82	4697.99	4526.48	4597.13	4418.49	4483.21
G28	4302.52	4363.15	4201.91	4275.5	4124.43	4189.35	4036.68	4093.47	3938.01	3988.52
G29	3833.16	3903.21	3751.2	3820.8	3675.36	3740.28	3593.55	3655.27	3492.08	3538.9
G30	3424.48	3481.42	3343.61	3401.59	3270.52	3322.17	3185.81	3226.54	3074.98	3117.9
G31	3052.04	3101.75	2969.78	3020.38	2885.62	2934.83	2791.04	2828.18	2679.65	2709.97
G32	2691.52	2734.1	2604.72	2647.1	2521.75	2555.46	2410.12	2440.14	2291.91	2316.04
G33	2339.72	2381.06	2243.1	2291.61	2156.8	2193.69	2048.8	2072.64	1925.71	1948.84
G34	1991.67	2028.41	1902.62	1939.76	1806.69	1830.93	1695.31	1723.83	1585.08	1606.47
G35	1665.05	1698.0	1578.05	1610.8	1485.01	1513.93	1386.64	1412.17	1286.03	1309.91
G36	1357.58	1396.17	1283.84	1308.62	1204.11	1228.94	1123.69	1143.94	1041.78	1059.68

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:

测试人员:

测试日期: 2025/9/30 15:17:13

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:

测试距离: 7.061 m

备注:

