

LUMINAIRE PHOTOMETRIC TEST REPORT

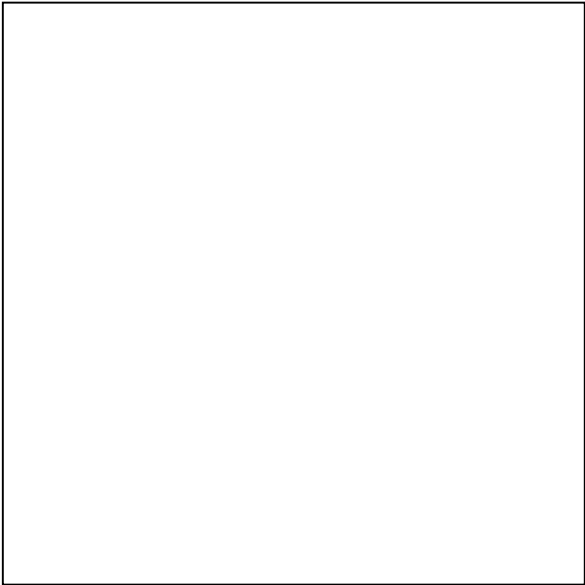
Luminaire Property

Manufacturer:	Voltage(V): 221.06 V
Luminaire Type:L-D366-2-30K-35-WH	Current(A): 0.0487 A
Lamp Type:	Power(W): 5.66 W
Luminous Width: 80 mm	Power Factor: 0.5259
Luminous Length: 80 mm	Lamp Luminous Flux: 383.45
Luminous Height: 80 mm	

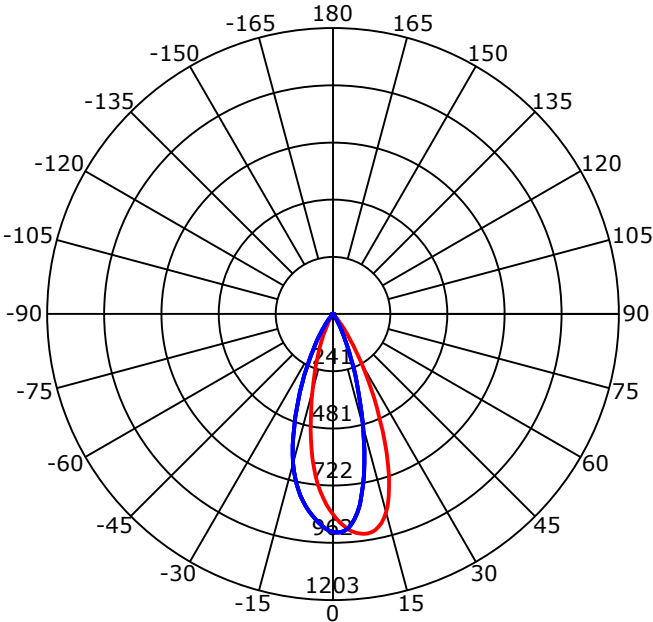
Photometric Results

CIE Class: Direct	Max. Intensity: 962.30 cd
Luminaire Luminous Flux: 383.4523 lm	Max.Intensity Angle: C=45 Gamma=3
Downward Ratio: 100.00%	Upward Ratio: 0.00%
Luminaire Efficacy Rating(LER): 67.75 lm/W	Efficacy: 100.00%
Beam Angle(50%) C0-180,C90-270: 36.0,35.7	Center Intensity: 842.92 cd
Field Angle(10%) C0-180,C90-270: 60.2,59.9	Effective Luminous Flux: 352.10 lm
S/MH C0-180,C90-270: 0.689,0.611	ERP(φuse)(120deg): 382.48 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



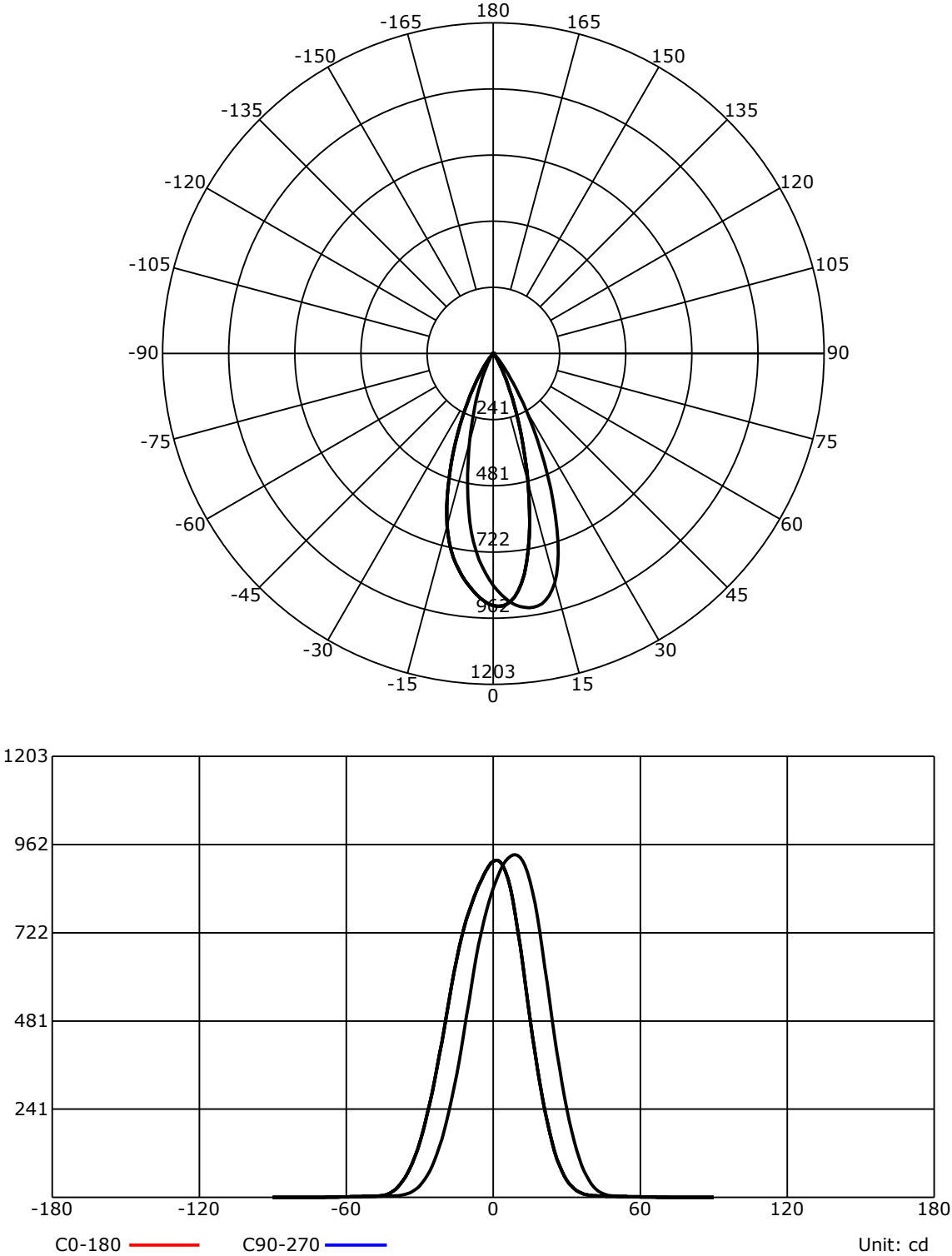
Beam Angle(50%) C0-180,C90-270: 36.0 deg,35.7 deg

C0-180 — C90-270 —

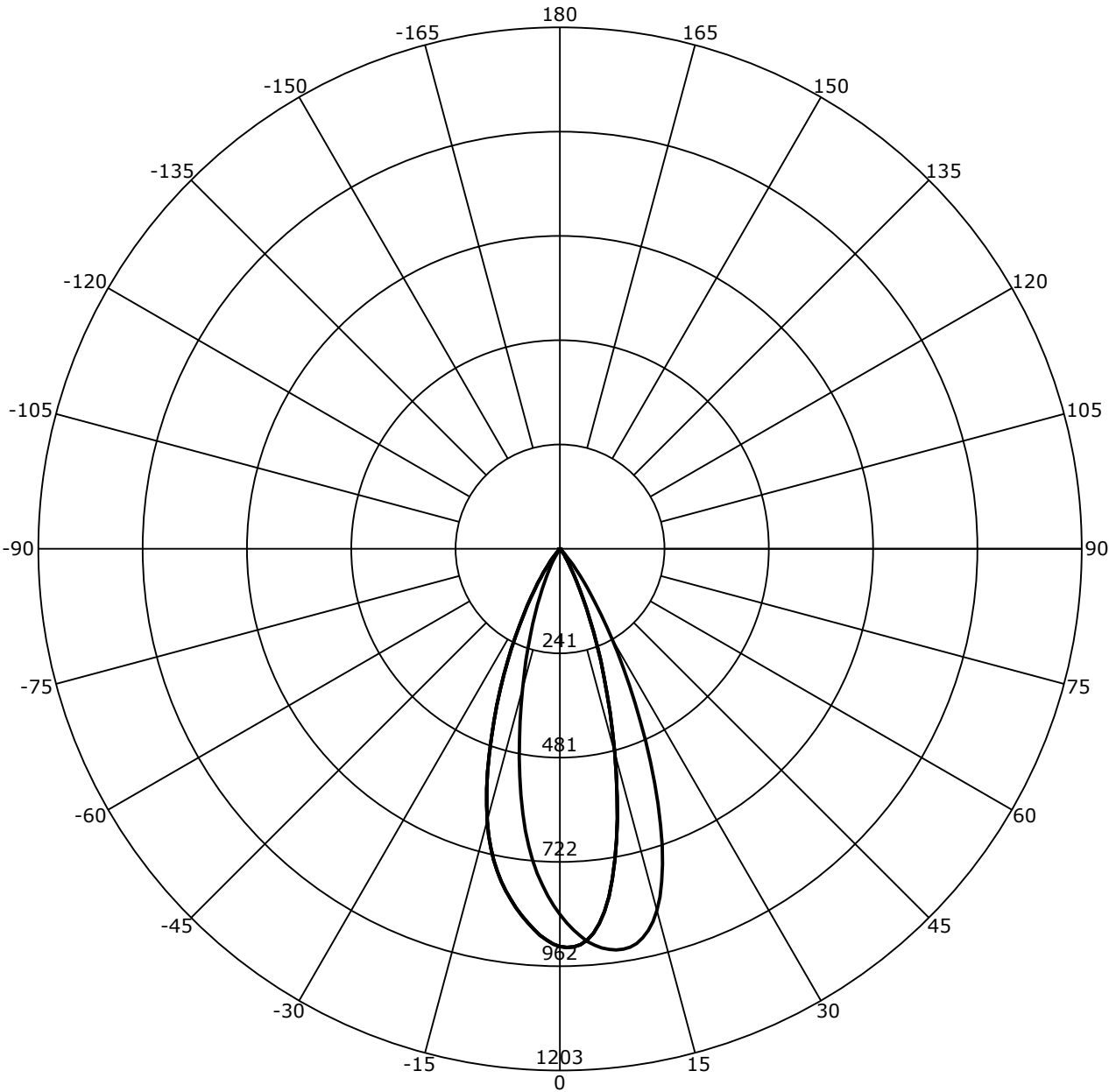
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

Luminous Intensity Distribution Curve



Luminous Intensity Distribution Curve



C0-180 C90-270
 Unit: cd/klm

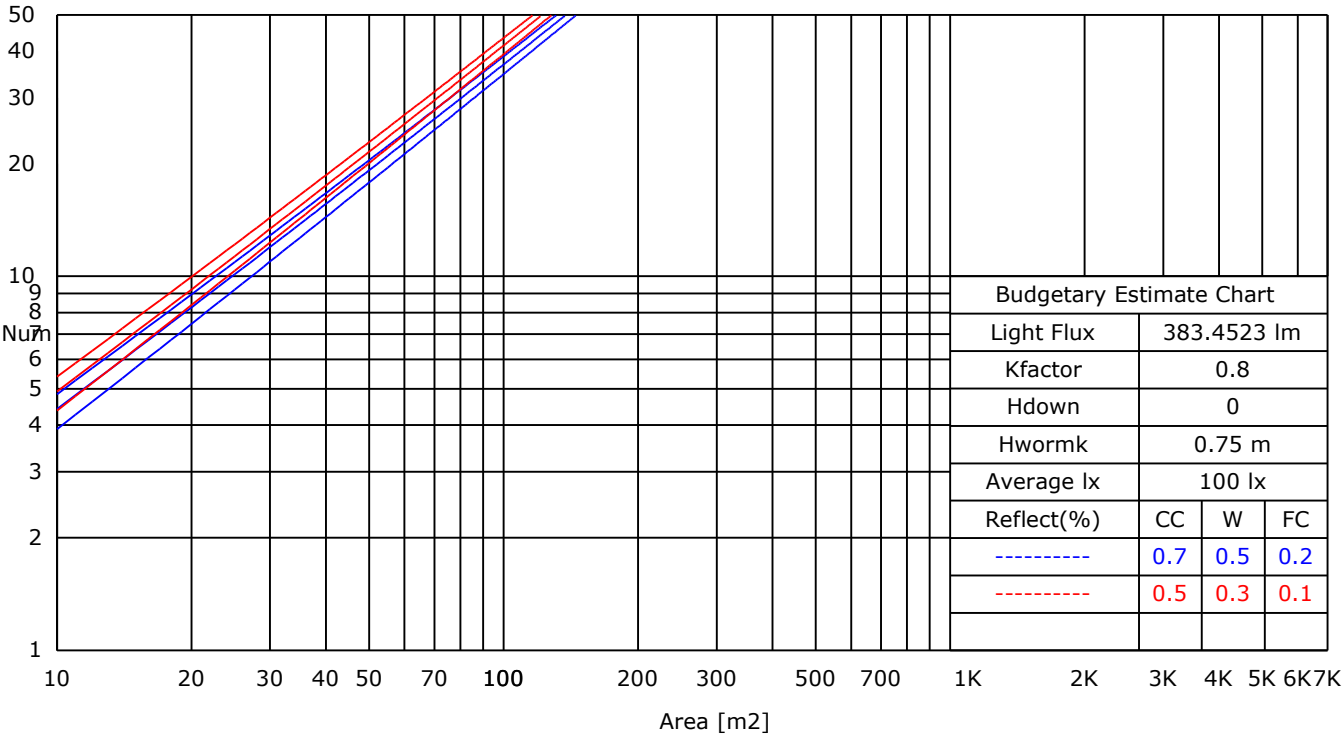
C Range: 0 - 360 Deg
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G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

UTILIZATION FACTORS TABLE

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	0.98	0.96	0.94	0.97	0.95	0.92	0.94	0.91	0.89	0.90	0.87	0.84	0.84	0.81	0.78	0.73
2	0.95	0.93	0.91	0.94	0.91	0.89	0.91	0.88	0.86	0.87	0.84	0.81	0.82	0.79	0.76	0.71
3	0.92	0.90	0.89	0.91	0.89	0.87	0.88	0.85	0.83	0.85	0.82	0.79	0.81	0.77	0.74	0.69
4	0.89	0.88	0.86	0.88	0.86	0.85	0.86	0.83	0.81	0.83	0.79	0.77	0.79	0.75	0.72	0.68
5	0.87	0.86	0.85	0.86	0.84	0.83	0.84	0.81	0.79	0.81	0.77	0.75	0.77	0.73	0.70	0.66
6	0.85	0.84	0.83	0.84	0.82	0.81	0.82	0.79	0.77	0.79	0.76	0.73	0.76	0.72	0.69	0.65
7	0.83	0.82	0.81	0.82	0.80	0.79	0.80	0.77	0.75	0.77	0.74	0.71	0.74	0.70	0.67	0.64
8	0.82	0.80	0.79	0.81	0.79	0.78	0.78	0.76	0.74	0.76	0.72	0.70	0.73	0.69	0.66	0.62
9	0.80	0.79	0.78	0.79	0.77	0.76	0.77	0.74	0.72	0.74	0.71	0.69	0.72	0.68	0.65	0.61
10	0.78	0.77	0.77	0.77	0.76	0.75	0.75	0.73	0.71	0.73	0.70	0.67	0.70	0.66	0.63	0.60

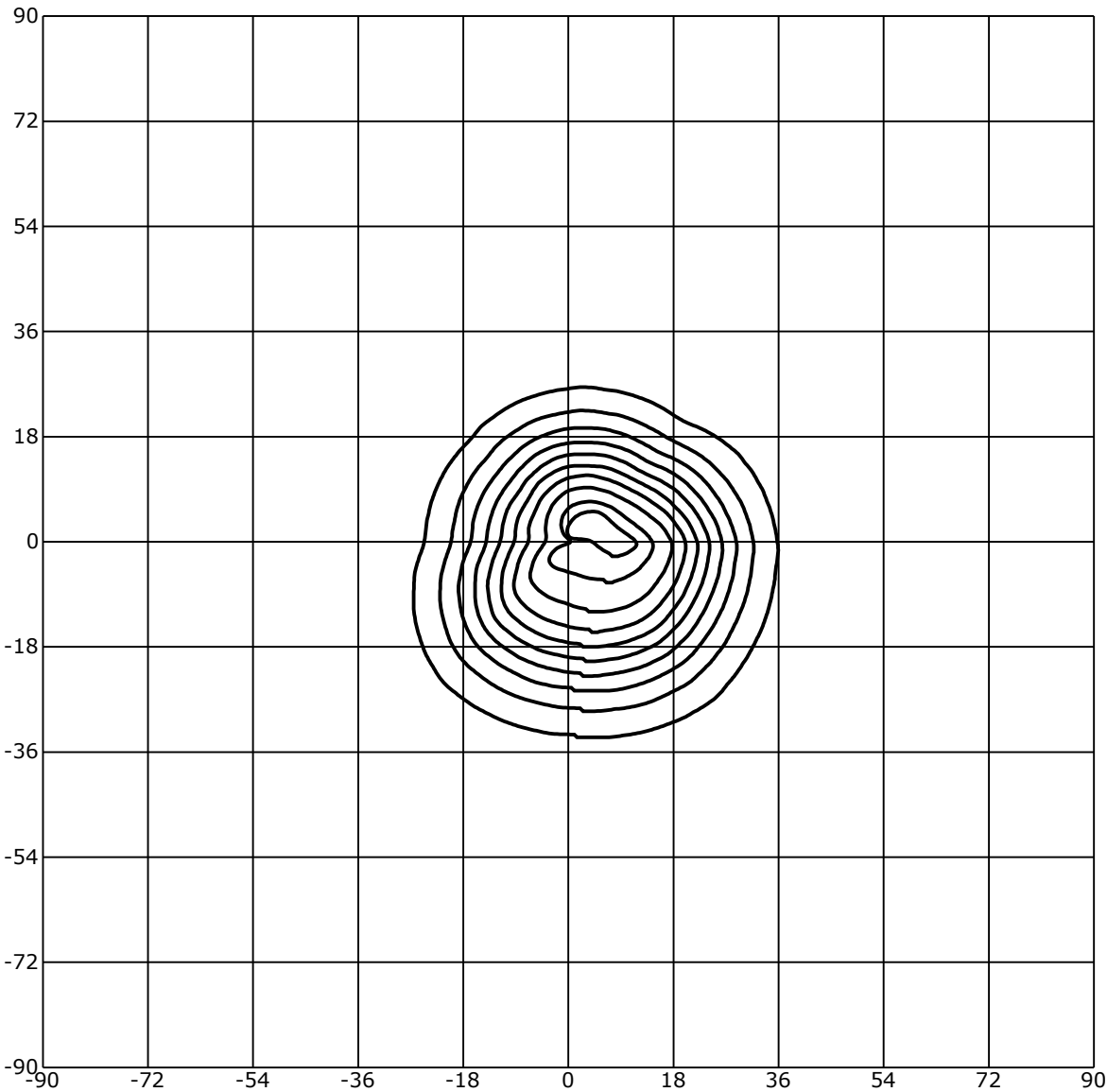
LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

ISOCANDELA DIAGRAM (RECTANGULAR)



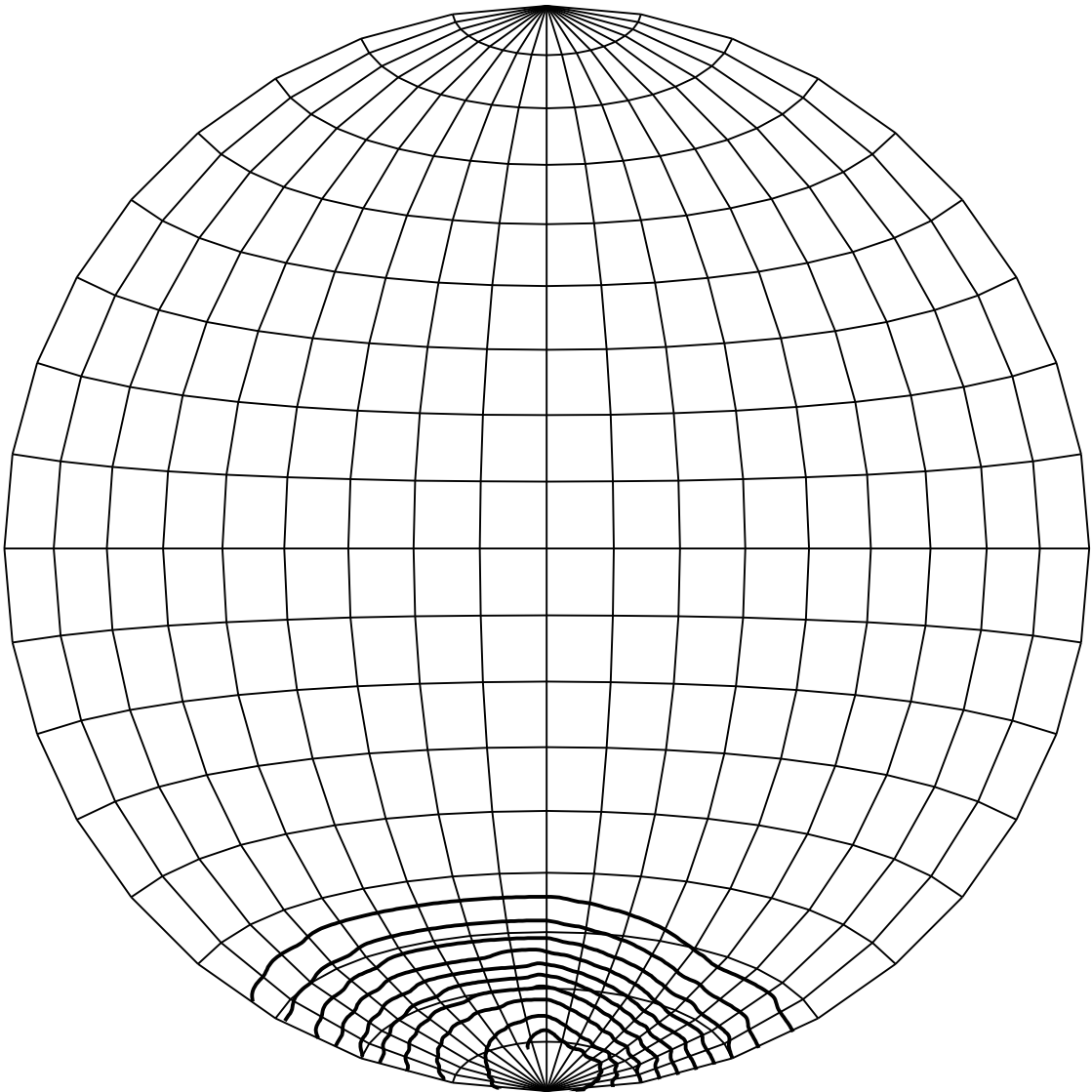
Unit of intensity:cd Imax(100%): 962.297 cd

— 914.183(95%Imax)	— 481.149(50%Imax)
— 866.068(90%Imax)	— 384.919(40%Imax)
— 769.838(80%Imax)	— 288.689(30%Imax)
— 673.608(70%Imax)	— 192.46(20%Imax)
— 577.378(60%Imax)	— 96.23(10%Imax)

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

ISOCANDELA DIAGRAM (SPHERE)



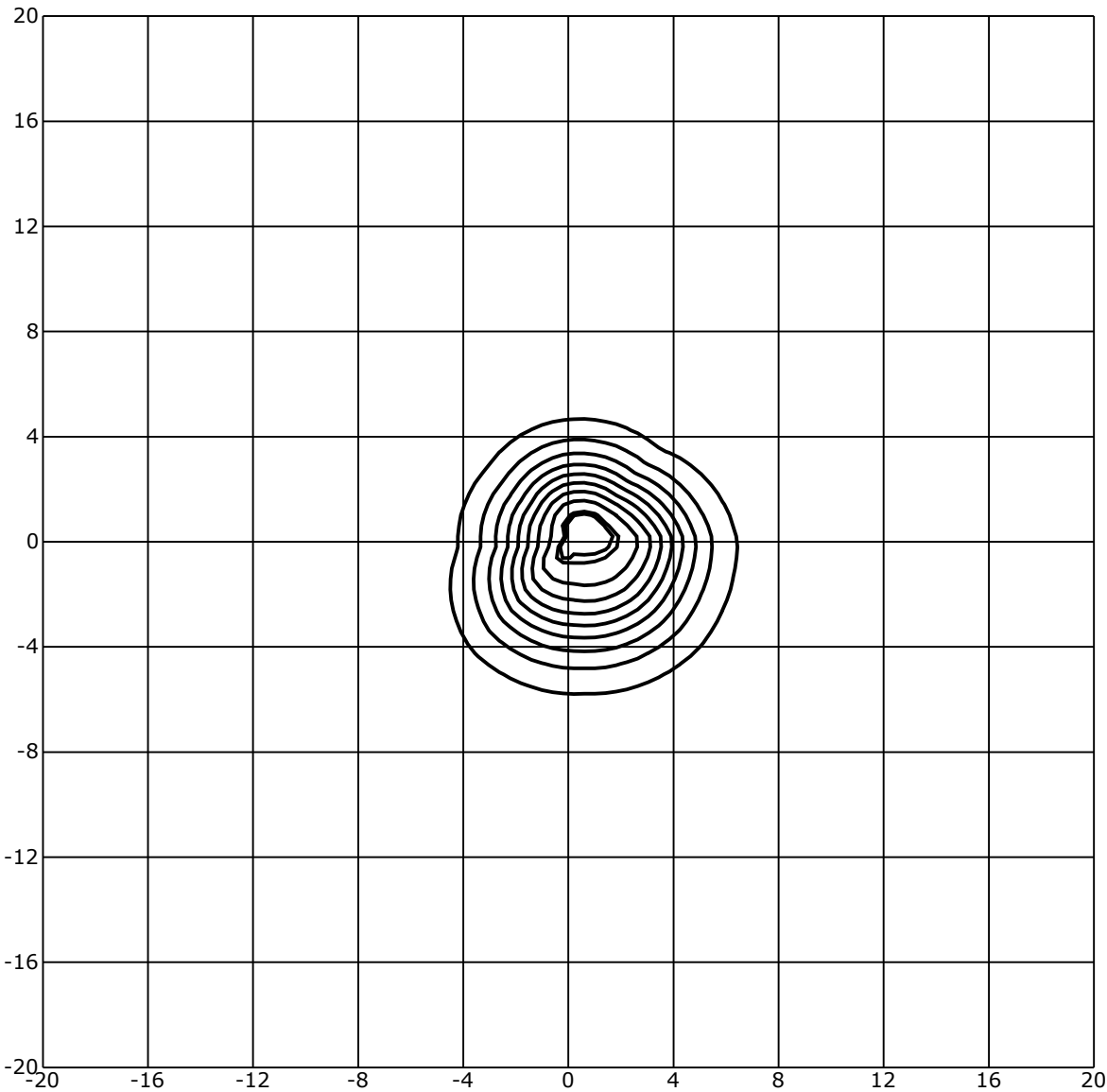
Unit of intensity:cd I_{max}(100%): 962.297 cd

— 914.183(95%I _{max})	— 481.149(50%I _{max})
— 866.068(90%I _{max})	— 384.919(40%I _{max})
— 769.838(80%I _{max})	— 288.689(30%I _{max})
— 673.608(70%I _{max})	— 192.46(20%I _{max})
— 577.378(60%I _{max})	— 96.23(10%I _{max})

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

ISOLX DIAGRAM

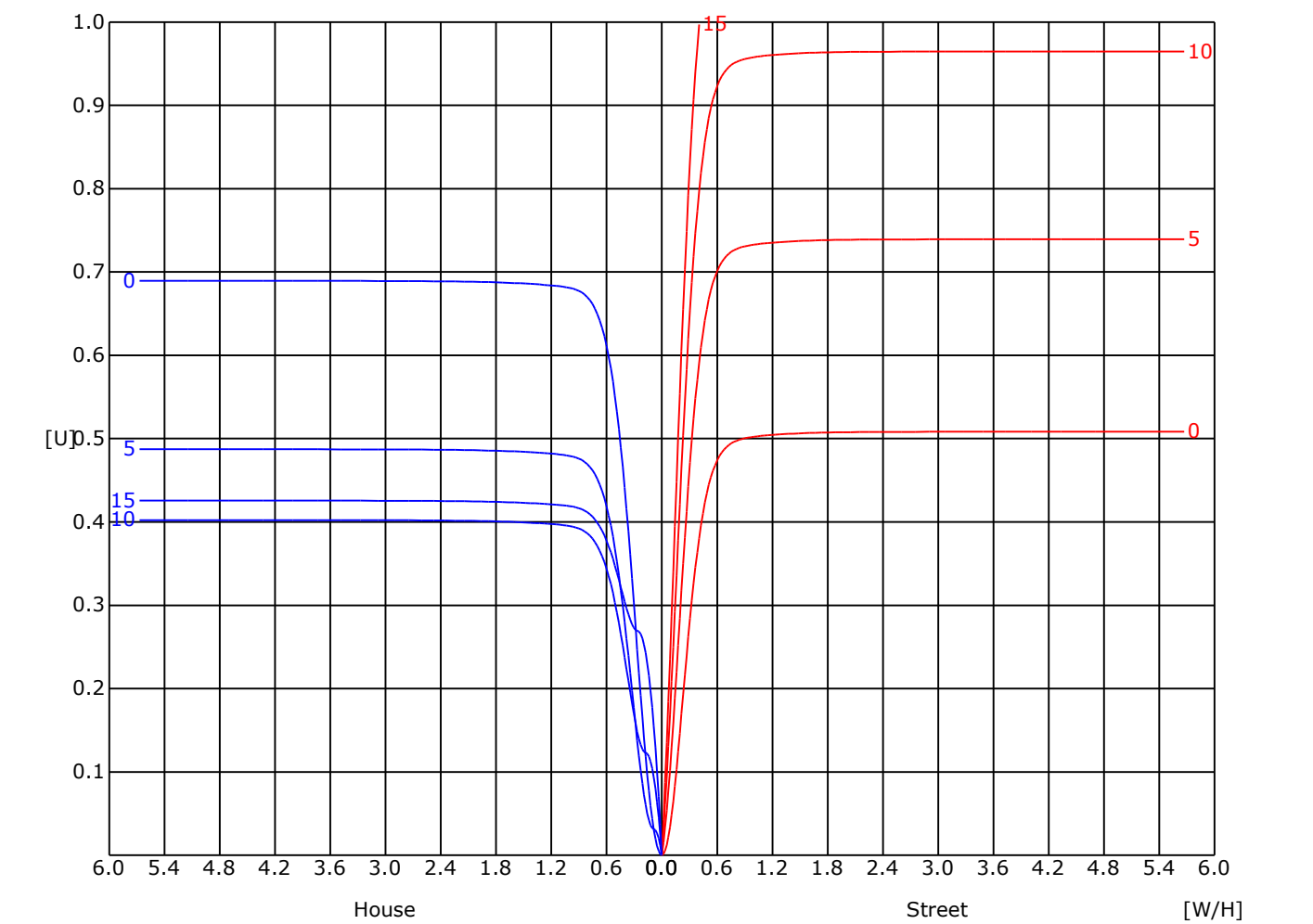


Unit of illumination:lx	Height of plane:10.0(m)/32.81(ft)
—— 8.817(92%Emax)	—— 4.792(50%Emax)
—— 8.625(90%Emax)	—— 3.833(40%Emax)
—— 7.667(80%Emax)	—— 2.875(30%Emax)
—— 6.708(70%Emax)	—— 1.917(20%Emax)
—— 5.75(60%Emax)	—— 0.958(10%Emax)

C Range: 0 - 360 Deg
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 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
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 Humidity:
 Test Distance: 7.91 m
 Remarks:

UTILIZATION FACTOR DIAGRAM (ROAD)

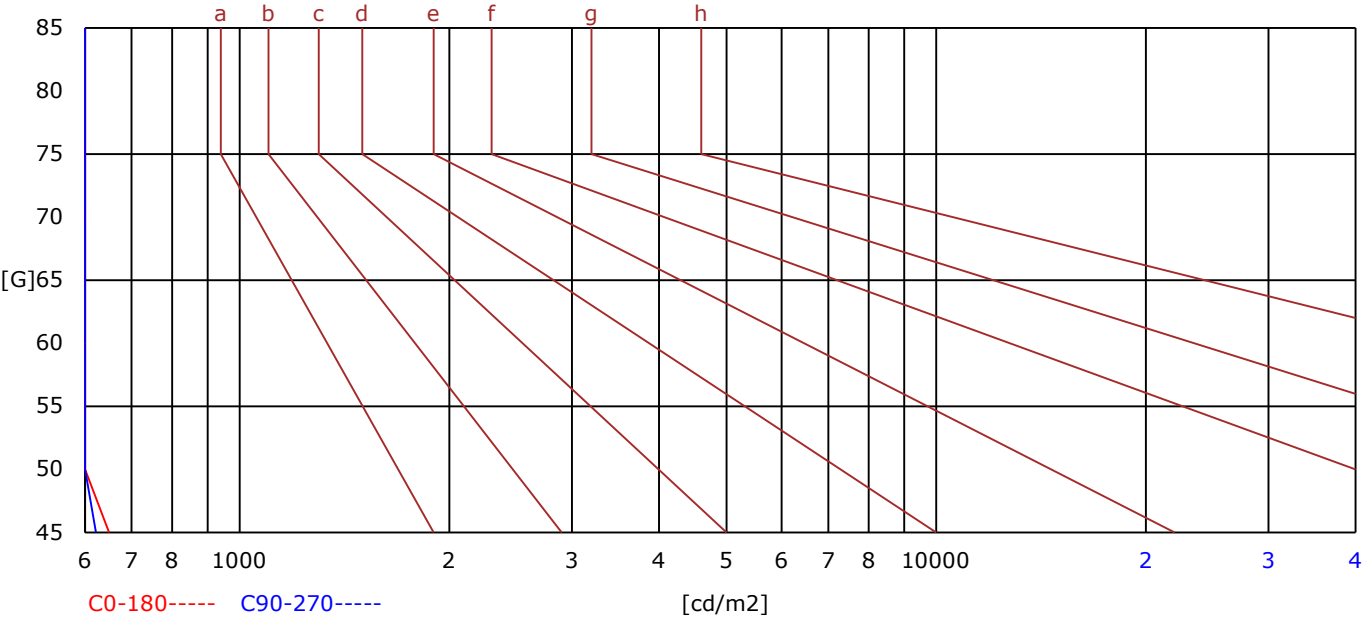


C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

BRIGHT LIMIT DIAGRAM

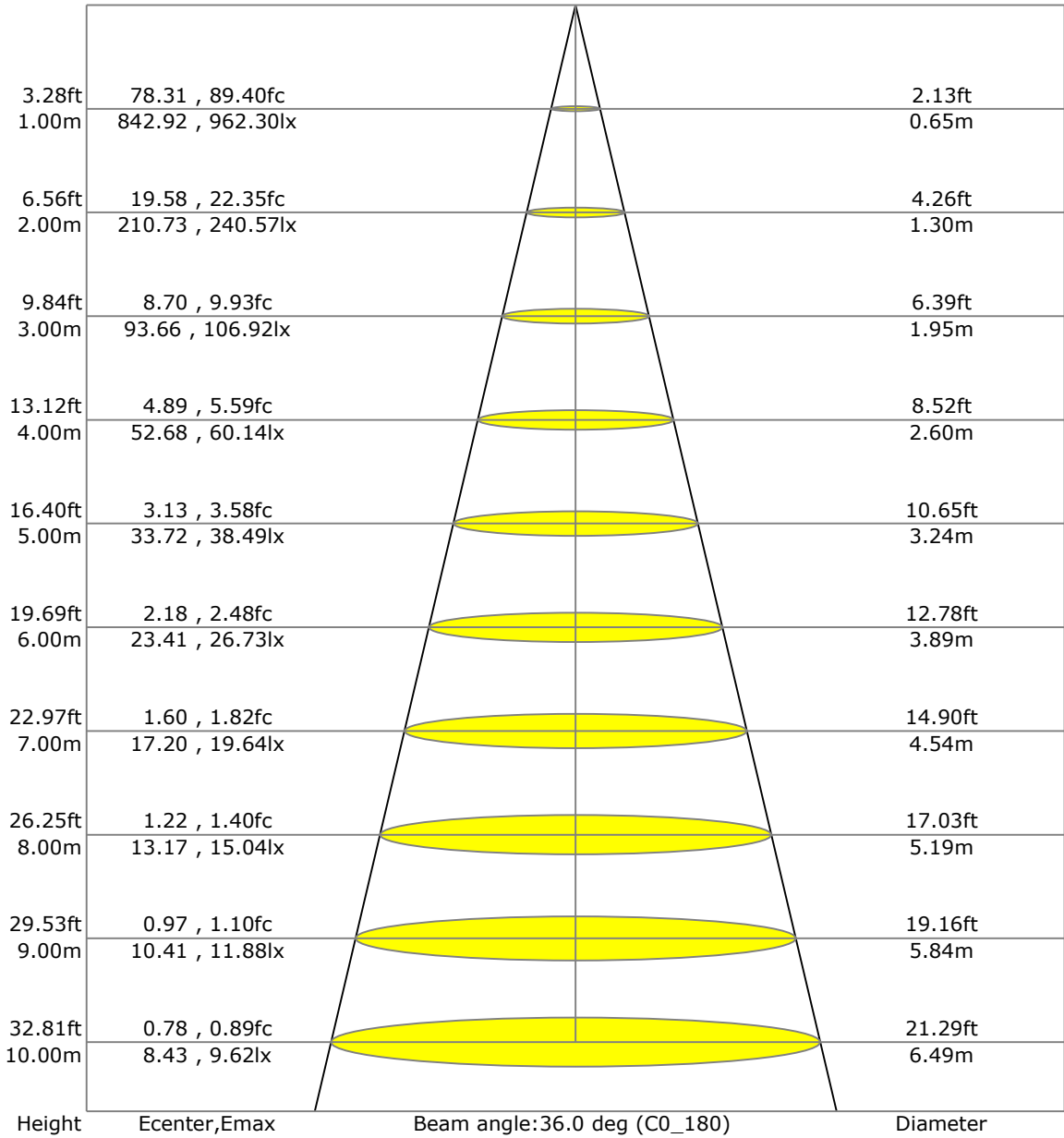
C/G	45	50	55	60	65	70	75	80	85
C0	650	563	460	274	139	0	0	0	0
C90	622	517	358	215	46	0	0	0	0
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
---	---	a	b	c	d	e	f	g	h



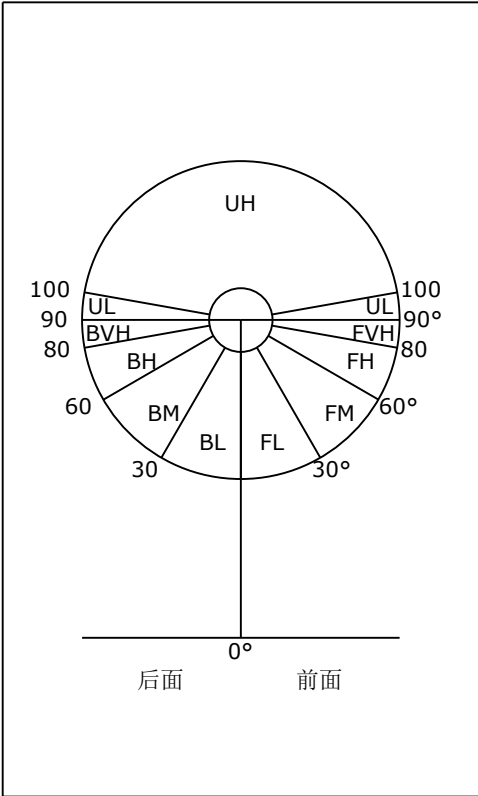
C Range: 0 - 360 Deg
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 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

LX-DISTANCE DIAGRAM



BUG等级评价表



区域	光通量(lm)	光通量(%)
前面	157.2	41.0
FL (0°-30°)	145.4	37.9
FM (30°-60°)	11.5	3.0
FH (60°-80°)	0.3	0.1
FVH (80°-90°)	0.0	0.0
后面	226.3	59.0
BL (0°-30°)	196.9	51.3
BM (30°-60°)	28.7	7.5
BH (60°-80°)	0.7	0.2
BVH (80°-90°)	0.0	0.0
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评价等级(基于TM-15-07)	
非对称灯具 (Type I , II , III , IV)	B1 U0 G0
对称灯具 (Type V , Area Light)	B1 U0 G0

UGR(Unified Glare Rating) TABLE

RHOCC	70	70	50	50	30	70	70	50	50	30
RHOW	50	30	50	30	30	50	30	50	30	30
RHOF	20	20	20	20	20	20	20	20	20	20
Room Size X Y	Viewed Endwise					Viewed Crosswise				
2H 2H	∞	∞	∞	∞	∞	∞	∞	∞	∞	∞
3H	NaN	NaN	NaN	NaN	NaN	∞	∞	∞	∞	∞
4H	NaN	NaN	NaN	NaN	NaN	∞	∞	∞	∞	∞
6H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
8H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
12H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
4H 2H	∞	∞	∞	∞	∞	NaN	NaN	NaN	NaN	NaN
3H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
4H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
6H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
8H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
12H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
8H 4H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
6H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
8H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
12H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
12H 4H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
6H	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN

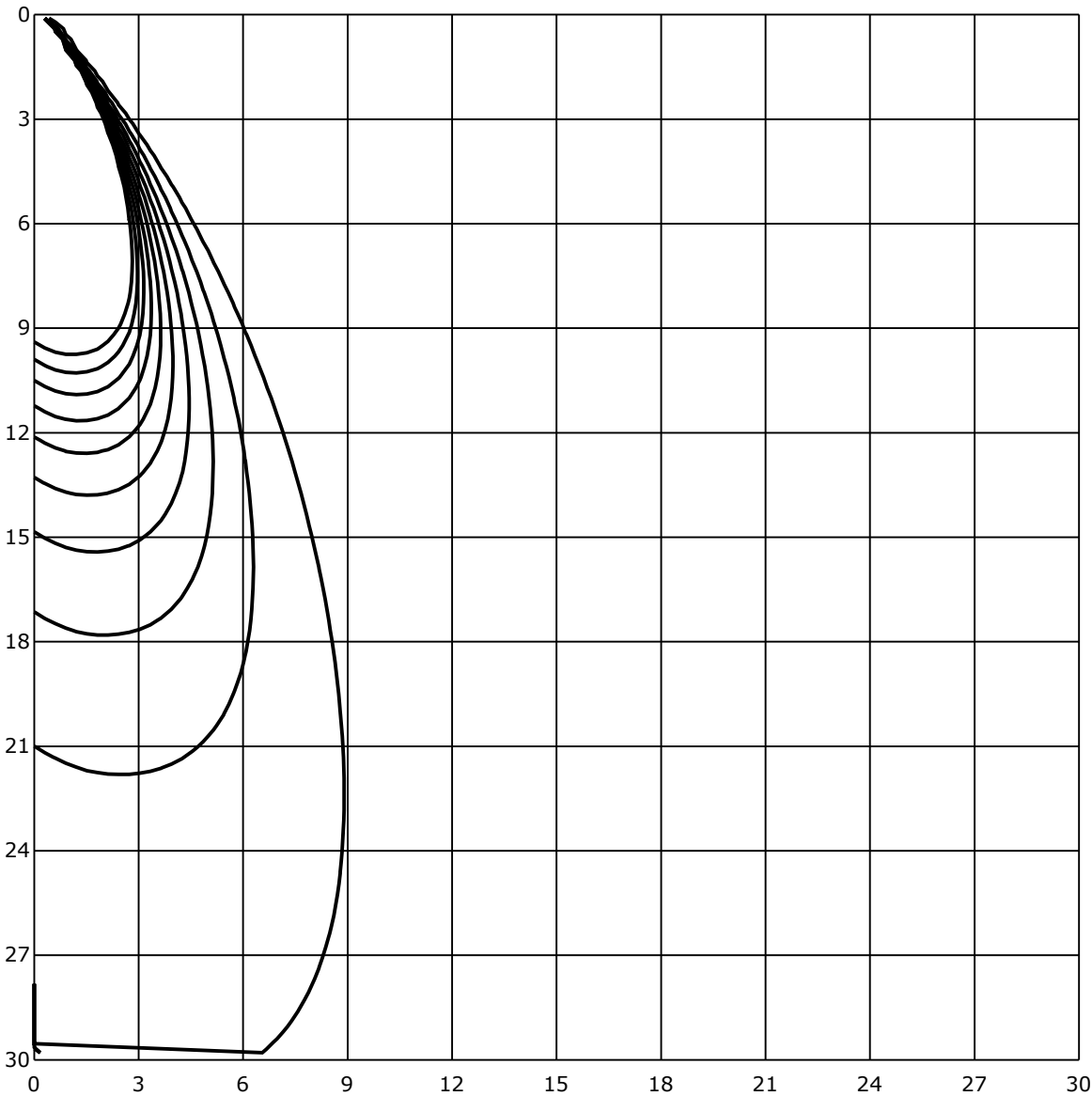
ZONAL LUMINOUS FLUX TABLE

[illegible]

C Range: 0 - 360 Deg
C Interval: 45.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-2000B Goniophotometer
Humidity:
Test Distance: 7.91 m
Remarks:

SPACE ISOLX DIAGRAM



Unit of illumination:lx

- | | |
|---------|---------|
| — 9.566 | — 4.783 |
| — 8.61 | — 3.827 |
| — 7.653 | — 2.87 |
| — 6.697 | — 1.913 |
| — 5.74 | — 0.957 |

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

Report No.:

Test Time: 2025/8/5 8:14:10

LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G0	842.92	945.84	916.81	867.32	842.92	945.84	916.81	867.32	842.92	
G1	862.0	954.35	919.38	855.12	822.83	934.33	911.18	876.27	862.0	
G2	878.77	959.79	918.37	838.85	800.62	921.63	902.04	882.15	878.77	
G3	893.91	962.3	913.74	819.7	776.72	904.42	891.41	886.9	893.91	
G4	907.36	961.36	903.92	798.06	750.38	885.53	878.39	889.34	907.36	
G5	917.37	956.73	889.16	770.71	720.97	866.07	864.32	889.84	917.37	
G6	925.01	945.59	867.88	737.8	689.31	844.67	849.42	887.03	925.01	
G7	930.26	927.82	842.35	701.14	654.78	822.58	833.66	881.9	930.26	
G8	933.77	904.67	809.51	660.78	616.36	799.68	816.64	875.83	933.77	
G9	934.52	874.01	770.53	616.36	574.81	777.66	797.99	867.69	934.52	
G10	932.45	834.91	728.36	569.06	532.33	753.95	779.04	858.5	932.45	
G11	927.07	791.24	683.68	523.57	491.47	726.73	757.82	846.36	927.07	
G12	917.0	745.44	635.63	479.83	449.24	698.26	734.17	832.22	917.0	
G13	903.23	694.63	585.32	435.79	408.51	667.73	708.58	815.7	903.23	
G14	885.46	640.51	536.15	392.18	369.65	633.19	681.12	795.62	885.46	
G15	862.88	589.45	488.34	353.26	333.93	594.71	649.21	771.59	862.88	
G16	835.1	538.96	440.6	317.28	299.39	556.29	614.36	744.44	835.1	
G17	802.31	487.66	394.05	281.99	267.48	519.0	578.07	715.34	802.31	
G18	765.27	436.16	350.76	248.21	237.88	480.52	539.96	682.49	765.27	
G19	723.6	389.86	311.4	216.24	210.17	440.73	501.73	644.76	723.6	
G20	677.68	347.94	274.42	188.33	184.2	402.56	462.69	604.91	677.68	
G21	630.06	306.65	239.14	161.49	159.74	366.4	424.9	564.99	630.06	
G22	582.38	268.04	206.35	136.34	138.28	331.42	388.74	523.19	582.38	
G23	533.71	232.94	177.07	115.75	118.82	296.7	353.26	479.46	533.71	
G24	485.09	200.84	150.04	97.36	100.92	267.29	318.16	438.79	485.09	
G25	438.85	170.94	125.39	80.71	85.09	239.51	285.19	400.62	438.85	
G26	395.18	142.09	104.43	65.38	71.52	212.73	255.97	363.08	395.18	
G27	352.95	118.19	86.72	53.18	59.44	186.45	226.31	325.35	352.95	
G28	312.28	97.92	71.39	43.36	48.99	163.24	198.09	291.0	312.28	
G29	275.3	79.84	57.31	34.66	39.98	142.34	173.13	260.97	275.3	
G30	241.64	63.88	46.49	27.22	32.29	122.7	150.54	230.63	241.64	
G31	209.35	51.18	37.48	21.46	25.97	104.74	129.77	200.97	209.35	
G32	179.01	41.11	29.97	17.21	20.52	89.16	110.75	175.44	179.01	
G33	152.85	32.35	23.4	13.2	16.27	75.83	94.04	152.73	152.85	
G34	129.14	24.9	18.65	10.01	12.64	63.44	79.59	131.02	129.14	
G35	108.24	18.96	14.7	7.76	10.07	51.68	66.57	110.56	108.24	
G36	89.22	14.77	11.58	6.19	7.95	42.05	54.81	93.41	89.22	

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity:

Test Distance: 7.91 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C45	C90	C135	C180	C225	C270	C315	C360	
G37	73.2	11.32	9.13	5.07	6.44	34.29	44.67	78.34	73.2	
G38	59.19	8.51	7.38	4.19	5.44	27.34	35.79	63.88	59.19	
G39	47.3	6.51	6.26	3.69	4.82	21.4	27.78	50.87	47.3	
G40	36.54	5.44	5.38	3.69	4.44	16.64	21.65	40.17	36.54	
G41	28.41	4.25	4.76	3.25	4.19	13.01	16.58	31.66	28.41	
G42	21.84	3.69	4.32	3.13	4.07	10.14	12.2	24.4	21.84	
G43	16.39	3.13	4.13	3.07	3.88	7.95	8.95	18.58	16.39	
G44	12.26	3.13	3.75	2.94	3.69	6.44	6.69	14.14	12.26	
G45	9.39	2.94	3.88	2.82	3.5	5.44	5.26	10.89	9.39	
G46	7.2	2.82	3.44	2.69	3.38	4.82	4.38	8.38	7.2	
G47	5.44	2.63	3.32	2.69	3.13	4.38	3.75	6.88	5.44	
G48	4.32	2.5	3.25	2.38	2.94	4.13	3.38	5.38	4.32	
G49	3.69	2.38	3.07	2.19	2.82	4.19	3.13	4.76	3.69	
G50	3.5	2.32	2.88	2.13	2.5	3.69	3.0	4.07	3.5	
G51	3.25	2.25	2.69	1.88	2.5	3.57	2.88	4.07	3.25	
G52	2.94	2.19	2.5	1.88	2.32	3.44	2.75	3.88	2.94	
G53	2.88	2.06	2.25	1.69	2.13	3.32	2.82	3.63	2.88	
G54	2.75	1.88	2.13	1.5	1.88	2.88	2.5	3.38	2.75	
G55	2.63	1.69	2.0	1.31	1.69	3.0	2.5	3.19	2.63	
G56	2.5	1.5	1.88	1.19	1.56	2.82	2.38	3.13	2.5	
G57	2.32	1.31	1.75	1.0	1.63	2.57	2.25	3.0	2.32	
G58	2.44	1.44	1.5	1.19	1.38	2.38	2.06	2.88	2.44	
G59	2.13	1.06	1.38	0.81	1.25	2.19	1.88	2.75	2.13	
G60	2.0	0.88	1.19	0.69	1.13	2.0	1.69	2.57	2.0	
G61	1.88	0.88	1.06	0.69	0.97	1.88	1.5	2.38	1.88	
G62	1.56	0.81	0.94	0.31	0.81	1.75	1.38	2.13	1.56	
G63	1.63	0.63	0.88	0.31	0.63	1.56	1.25	1.94	1.63	
G64	1.5	0.5	0.81	0.31	0.5	1.38	1.19	1.75	1.5	
G65	1.25	0.38	0.63	0.13	0.31	1.19	1.06	1.63	1.25	
G66	1.13	0.25	0.56	0.0	0.25	1.06	1.0	1.5	1.13	
G67	0.94	0.22	0.53	0.0	0.19	0.94	0.81	1.38	0.94	
G68	0.88	0.19	0.5	0.0	0.06	0.81	0.69	1.31	0.88	
G69	0.75	0.0	0.13	0.0	0.0	0.69	0.5	1.13	0.75	
G70	0.69	0.0	0.06	0.0	0.0	0.63	0.38	1.0	0.69	
G71	0.56	0.0	0.0	0.0	0.0	0.5	0.25	0.81	0.56	
G72	0.5	0.0	0.0	0.0	0.0	0.31	0.13	0.63	0.5	
G73	0.38	0.0	0.0	0.0	0.0	0.19	0.0	0.56	0.38	

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature:
 Operators:
 Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity:
 Test Distance: 7.91 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

[illegible]

C Range: 0 - 360 Deg
C Interval: 45.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/8/5 8:14:10

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-2000B Goniophotometer
Humidity:
Test Distance: 7.91 m
Remarks: