

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: GZAILITELED
Luminaire Type: KUPU-FG400
Lamp Type:
Luminous Width: 385 mm
Luminous Length: 290 mm
Luminous Height: 0.7 mm

Voltage(V): 220.15 V
Current(A): 1.8750 A
Power(W): 403.12 W
Power Factor: 0.9760
Lamp Luminous Flux: 65856.52

Photometric Results

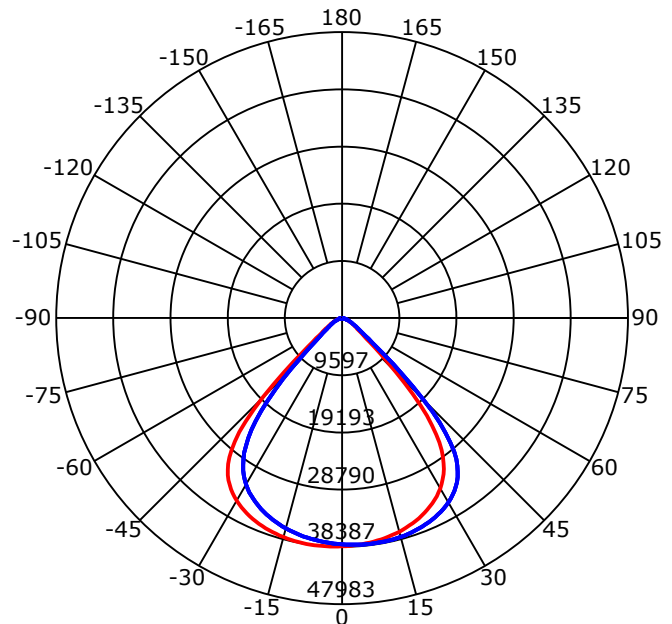
CIE Class: Direct
Luminaire Luminous Flux: 65856.52 lm
Downward Ratio: 0.00%
Luminaire Efficacy Rating(LER): 163.37 lm/W
Beam Angle(50%) C0-180,C90-270: 87.0,86.9
Field Angle(10%) C0-180,C90-270: 108.0,107.8
S/MH C0-180,C90-270: 1.299,1.299

Max. Intensity: 38386.66 cd
Max.Intensity Angle: C=180 Gamma=6
Upward Ratio: 100.00%
Efficacy: 100.00%
Center Intensity: 38288.55 cd
Effective Luminous Flux: 61881.81 lm
ERP(ϕ use)(120deg): 63553.18 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



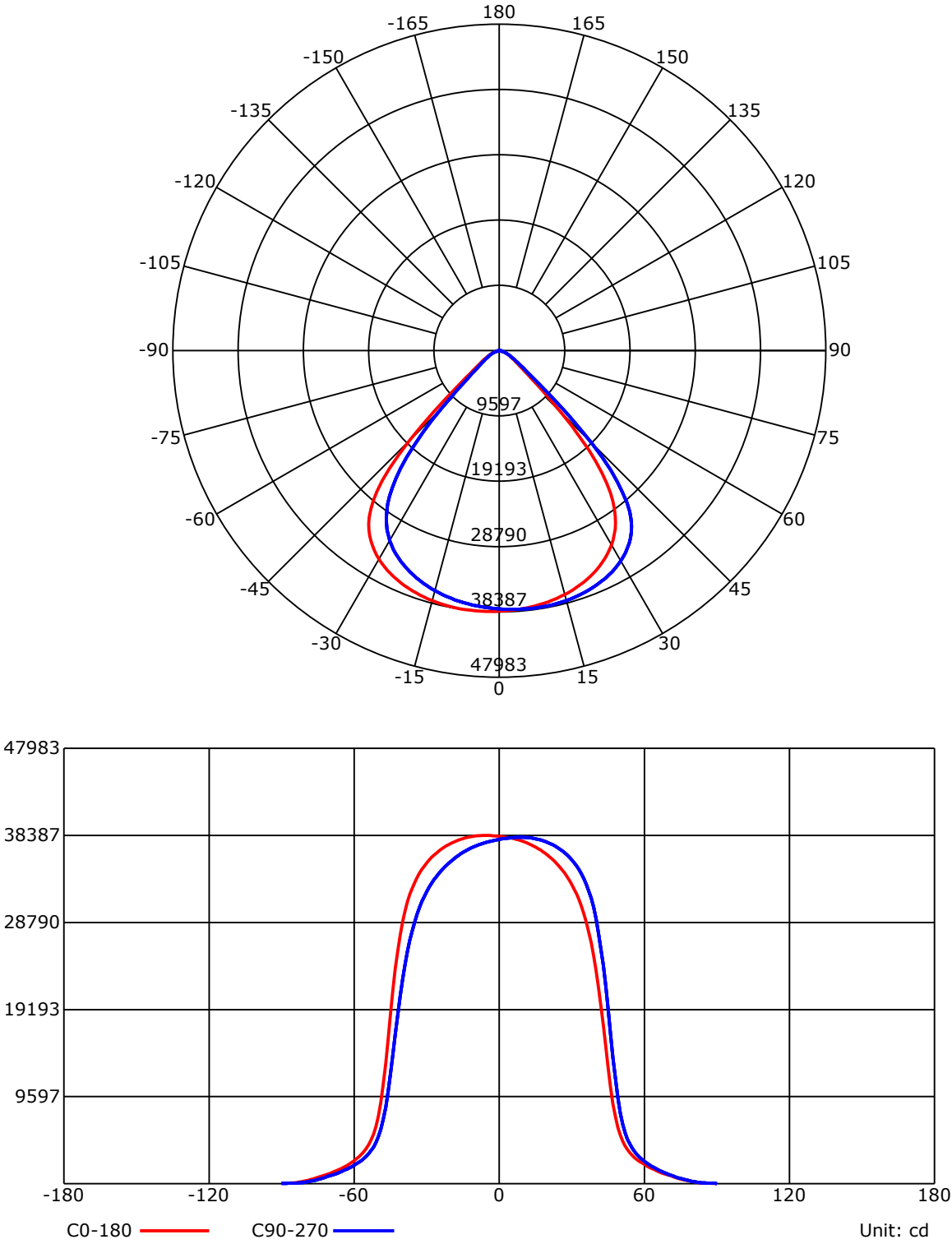
Beam Angle(50%) C0-180,C90-270: 87.0 deg,86.9 deg

C0-180 — C90-270 —

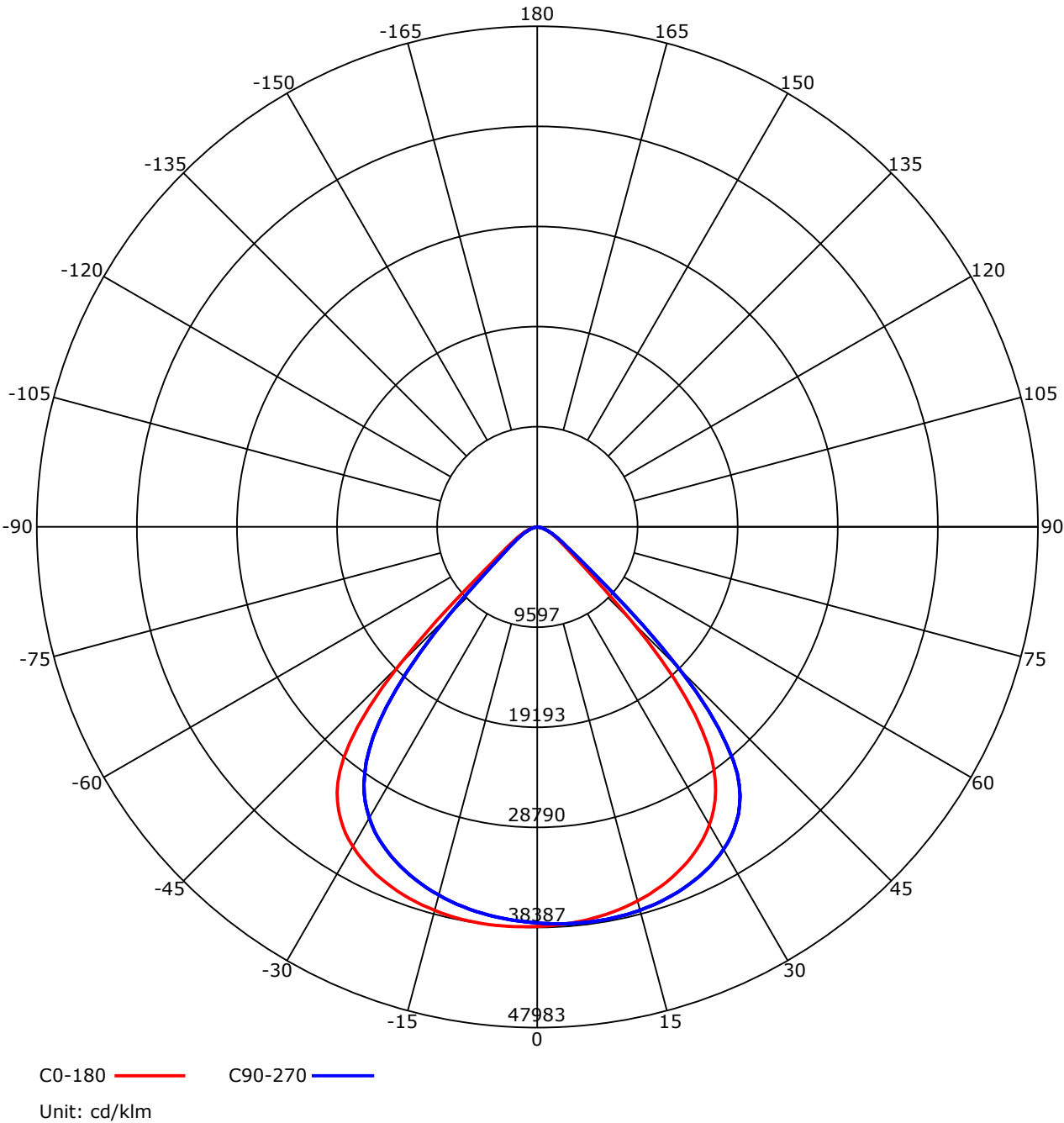
C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

Luminous Intensity Distribution Curve



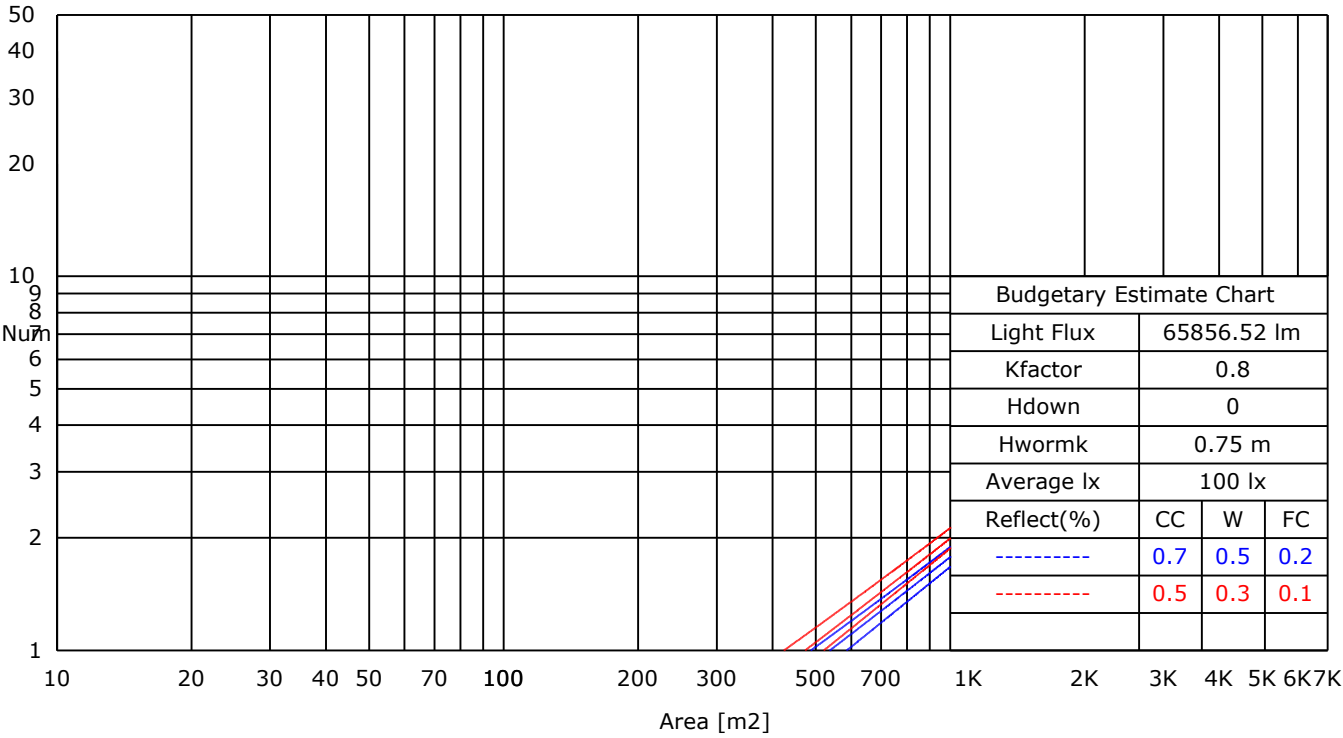
Luminous Intensity Distribution Curve



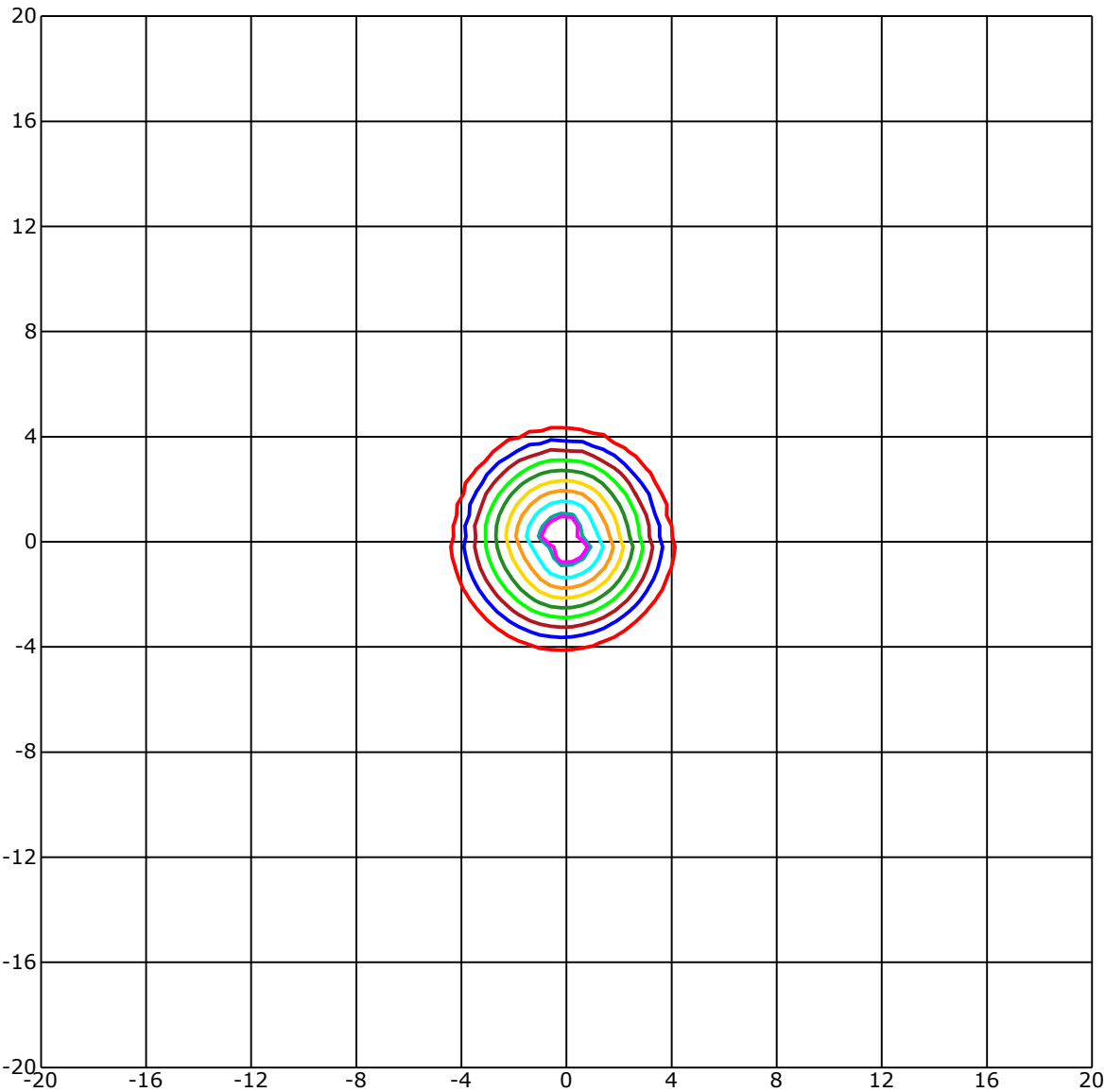
UTILIZATION FACTORS TABLE

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	1.11	1.10	1.09	1.10	1.08	1.07	1.05	1.04	1.03	1.00	0.99	0.97	0.93	0.92	0.90	0.85
2	1.01	0.99	0.98	0.99	0.97	0.96	0.96	0.94	0.92	0.92	0.89	0.87	0.86	0.84	0.81	0.76
3	0.91	0.89	0.88	0.90	0.88	0.86	0.88	0.84	0.82	0.84	0.81	0.78	0.80	0.76	0.73	0.68
4	0.82	0.80	0.79	0.82	0.79	0.77	0.80	0.76	0.74	0.77	0.73	0.70	0.74	0.69	0.66	0.62
5	0.74	0.72	0.71	0.74	0.71	0.69	0.73	0.69	0.66	0.71	0.67	0.63	0.68	0.63	0.59	0.56
6	0.68	0.66	0.64	0.68	0.65	0.63	0.67	0.63	0.60	0.65	0.61	0.57	0.63	0.58	0.54	0.50
7	0.62	0.60	0.58	0.62	0.59	0.57	0.61	0.57	0.55	0.60	0.56	0.52	0.59	0.53	0.49	0.46
8	0.57	0.55	0.53	0.57	0.54	0.52	0.57	0.53	0.50	0.56	0.51	0.47	0.55	0.49	0.45	0.42
9	0.52	0.50	0.49	0.52	0.49	0.48	0.52	0.48	0.46	0.52	0.47	0.43	0.51	0.45	0.41	0.38
10	0.48	0.46	0.45	0.48	0.46	0.44	0.49	0.45	0.42	0.48	0.43	0.40	0.48	0.42	0.38	0.35

LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



ISOLX DIAGRAM



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

- 2202.179(92%Emax)

2154.306(90%Emax)

1914.938(80%Emax)

1675.571(70%Emax)

1436.204(60%Emax)
- 1196.837(50%Emax)

957.469(40%Emax)

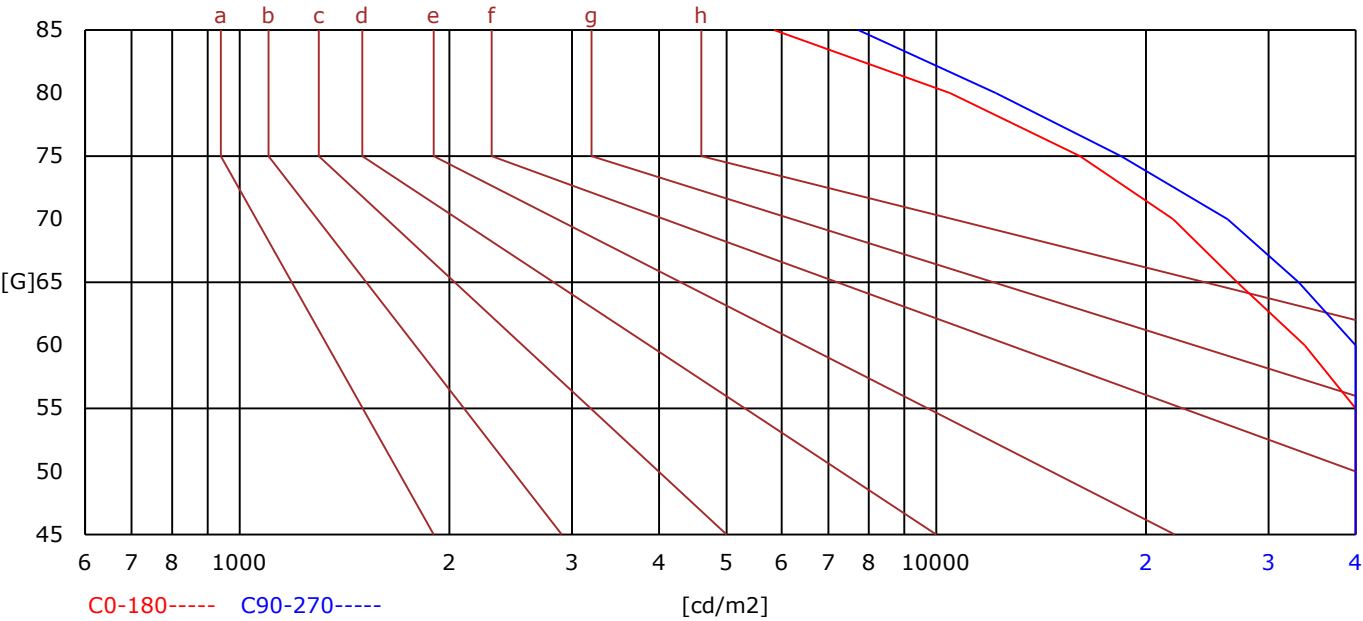
718.102(30%Emax)

478.735(20%Emax)

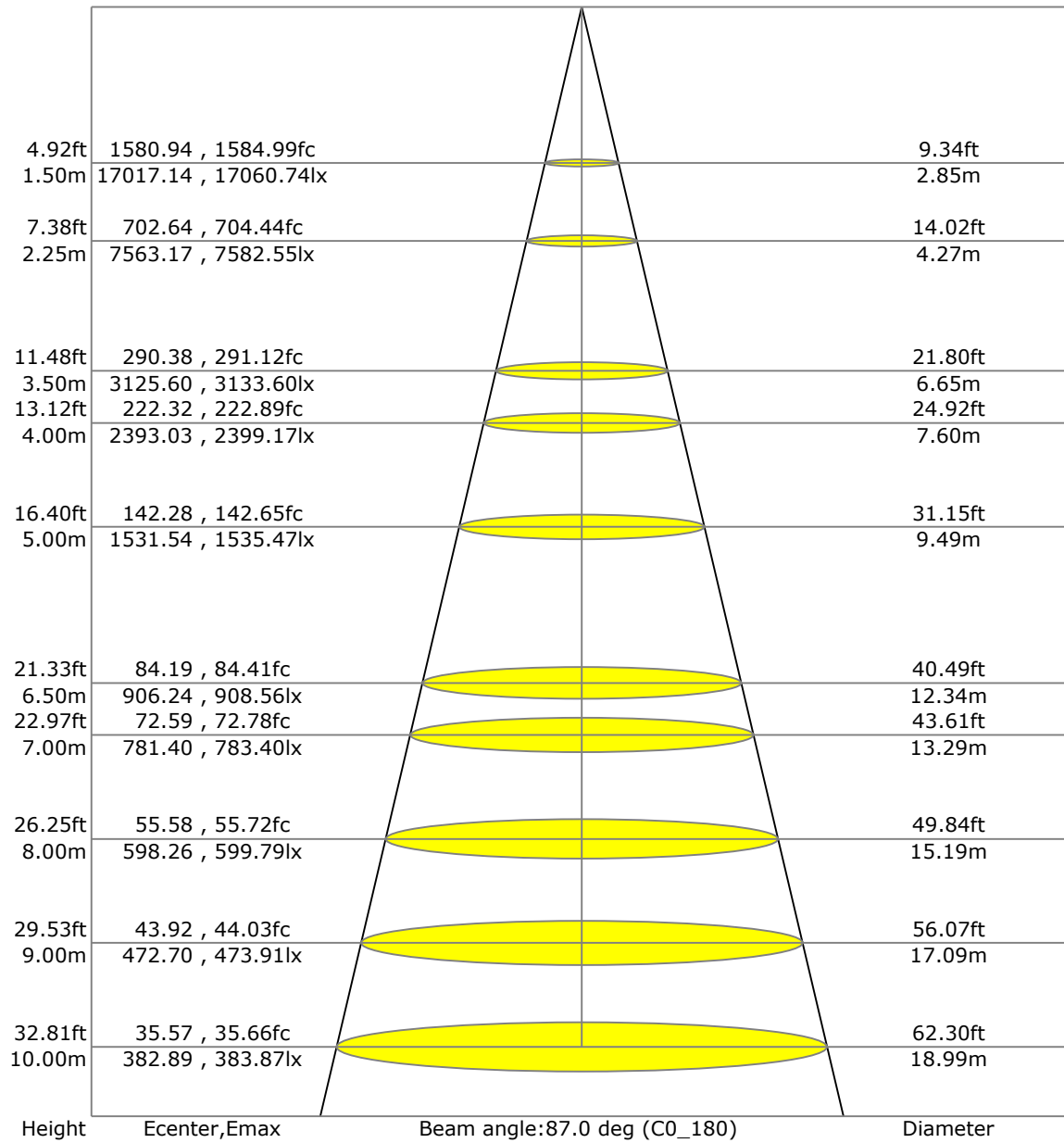
239.367(10%Emax)

BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	116527	61170	43507	33792	27037	21875	16078	10469	5852
C90	208223	95070	59964	43254	33123	26200	18405	12177	7729
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



LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

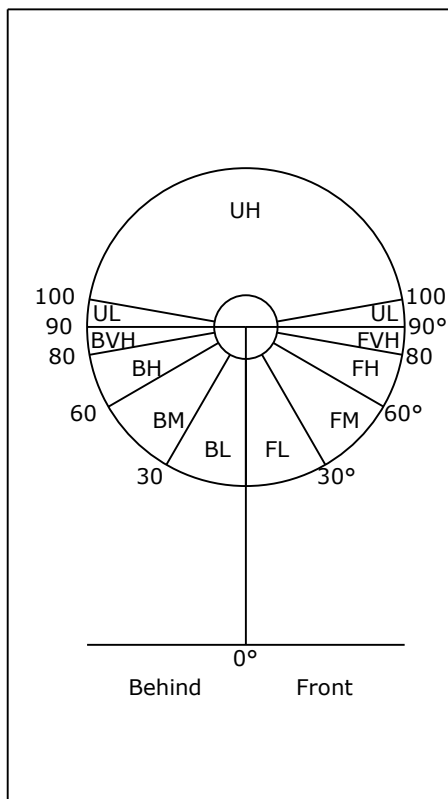
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

BUG Class



Zonal	Light Flux(lm)	Light Flux(%)
Front	34144.2	51.8
FL (0°-30°)	15242.1	23.1
FM (30°-60°)	17710.3	26.9
FH (60°-80°)	1127.8	1.7
FVH (80°-90°)	64.0	0.1
Behind	31712.3	48.2
BL (0°-30°)	14737.9	22.4
BM (30°-60°)	15863.0	24.1
BH (60°-80°)	1051.5	1.6
BVH (80°-90°)	60.0	0.1
Above	0.0	0.0
UL (90°-100°)	0.0	0.0
UH (100°-180°)	0.0	0.0
Limit Light	NA	NA

BUG Class(TM-15-07)	
Asymmetric Lighting Fixtures (Type I , II , III , IV)	B5 U0 G3
Symmetrical Lighting Fixtures (Type V , Area Light)	B5 U0 G1

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

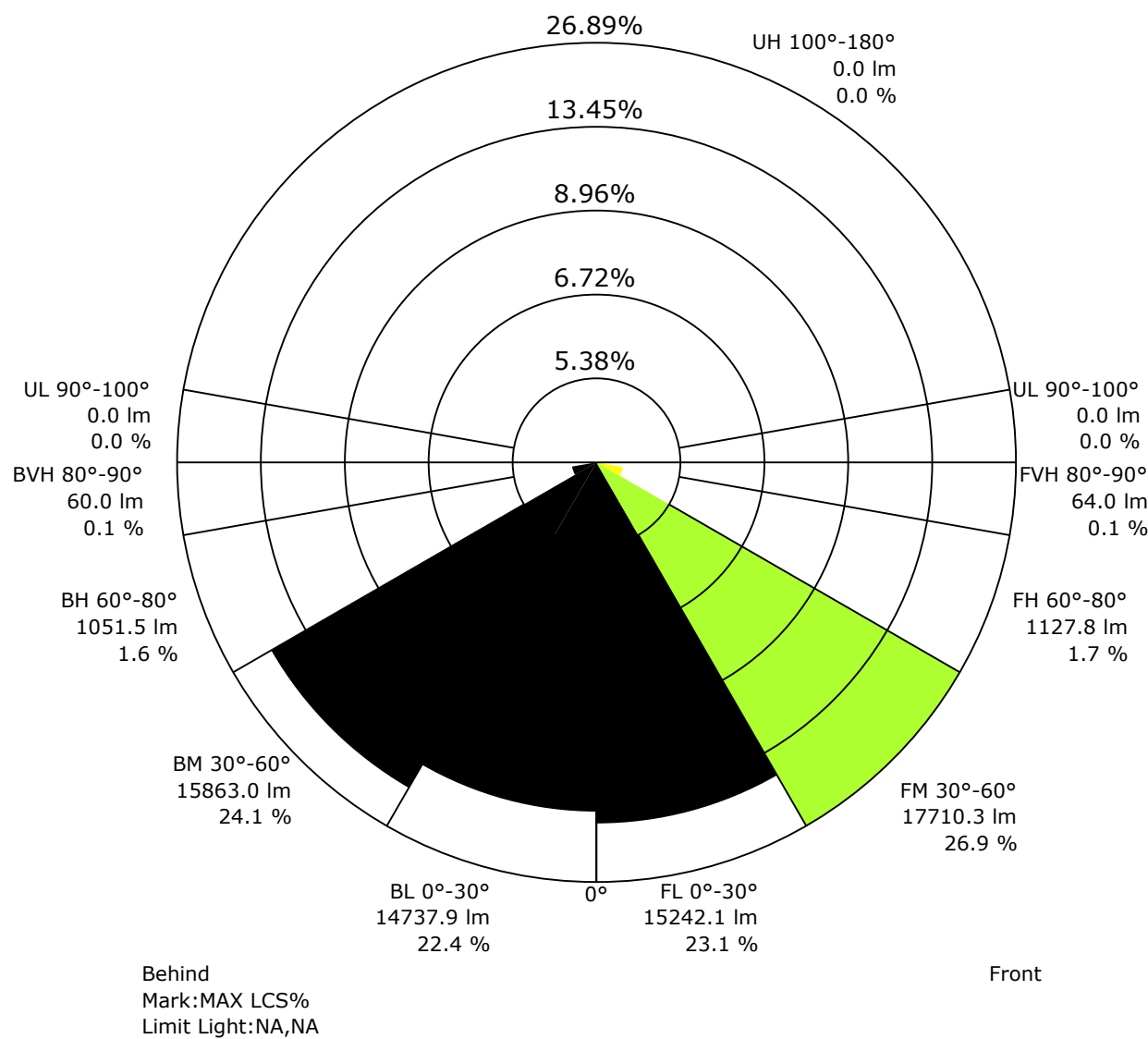
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LCS 图



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	26.29	26.77	26.32	27.02	27.34	27.29	27.77	27.31	28.02	28.34
3H	25.96	26.39	26.03	26.67	27.03	26.95	27.38	27.02	27.66	28.02
4H	25.78	26.19	25.88	26.49	26.87	26.76	27.17	26.87	27.47	27.86
6H	25.59	25.97	25.73	26.29	26.70	26.58	26.96	26.72	27.28	27.69
8H	25.49	25.87	25.65	26.19	26.61	26.48	26.85	26.64	27.18	27.60
12H	25.40	25.76	25.57	26.09	26.52	26.39	26.74	26.56	27.08	27.51
4H 2H	26.06	26.47	26.17	26.77	27.15	27.03	27.44	27.14	27.74	28.12
3H	25.74	26.09	25.91	26.42	26.86	26.69	27.05	26.87	27.38	27.82
4H	25.56	25.88	25.77	26.23	26.69	26.51	26.84	26.72	27.18	27.65
6H	25.37	25.66	25.62	26.02	26.52	26.32	26.61	26.57	26.98	27.47
8H	25.27	25.54	25.54	25.92	26.43	26.22	26.50	26.49	26.87	27.38
12H	25.18	25.43	25.47	25.81	26.34	26.13	26.38	26.42	26.76	27.29
8H 4H	25.83	26.20	25.99	26.52	26.95	26.79	27.16	26.95	27.49	27.91
6H	25.16	25.39	25.47	25.78	26.32	26.10	26.33	26.41	26.72	27.26
8H	25.07	25.27	25.40	25.67	26.23	26.01	26.21	26.34	26.61	27.17
12H	24.98	25.16	25.33	25.56	26.14	25.92	26.10	26.27	26.50	27.08
12H 4H	25.25	25.50	25.54	25.88	26.41	26.20	26.45	26.49	26.83	27.36
6H	25.08	25.28	25.41	25.68	26.24	26.02	26.22	26.35	26.62	27.18

ZONAL LUMINOUS FLUX TABLE-1

[illegible]

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

ZONAL LUMINOUS FLUX TABLE-2

γ	C0	C5	C10	C15	C20	C25	C30	C35	γ	φ zonal	φ total	%lum	%lamp
10	37709.3	35796.0	35769.3	35407.3	35424.3	35180.4	35273.5	35286.2	10	3554.0	3554.0	5.4	5.4
20	36205.1	34231.3	34431.8	33948.3	34190.9	33838.2	34145.5	34142.0	20	10356.6	13910.7	21.1	21.1
30	32961.7	30695.4	31339.0	30470.5	31274.6	30731.8	31305.2	31106.0	30	16069.3	29980.0	45.5	45.5
40	23516.4	19585.6	22153.1	19969.3	22525.6	20474.6	23132.8	21422.7	40	18806.7	48786.7	74.1	74.1
50	5366.9	4390.0	4951.6	4284.5	5081.7	4436.2	5321.2	4706.6	50	11490.5	60277.2	91.5	91.5
60	2119.5	1886.5	1973.0	1847.3	1998.8	1927.6	2055.3	1955.1	60	3276.0	63553.2	96.5	96.5
70	938.1	835.3	884.6	867.8	905.4	879.6	911.1	884.4	70	1546.7	65099.9	98.9	98.9
80	229.9	203.0	227.4	222.8	244.3	221.8	251.2	226.2	80	632.5	65732.4	99.8	99.8
90	44.9	48.3	0.0	37.8	0.0	65.1	0.0	59.1	90	124.0	65856.4	100.0	100.0

Conical surface Flux(90deg) : 56294.1 lm

%lum = 85.5%

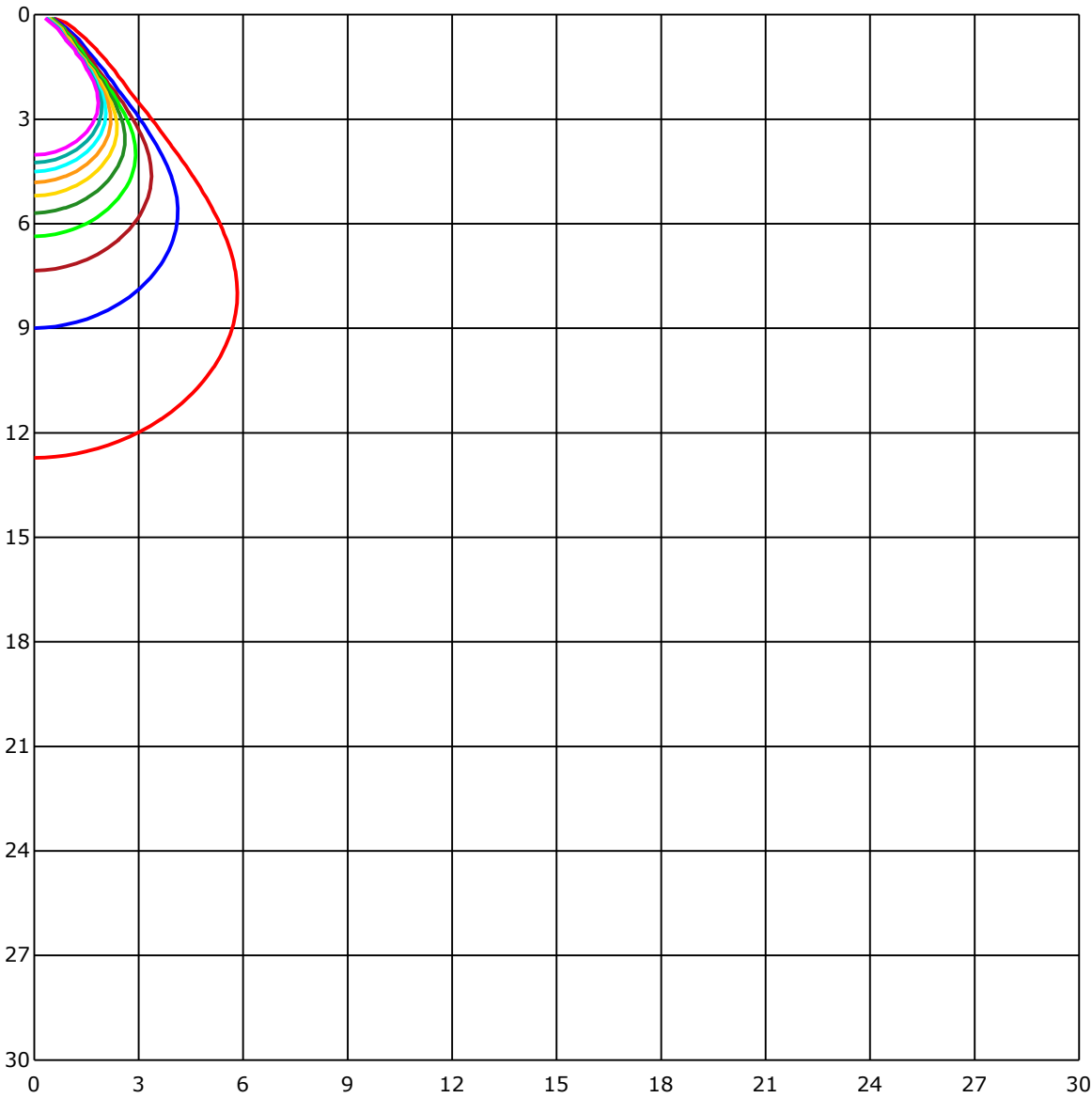
%lamp = 85.5%

Conical surface Flux(120deg) : 63553.2 lm

%lum = 96.5%

%lamp = 96.5%

SPACE ISOLX DIAGRAM



Unit of illumination:lx

- 2366.229
- 2129.606
- 1892.983
- 1656.36
- 1419.738
- 1183.115
- 946.492
- 709.869
- 473.246
- 236.623

LUMINOUS DISTRIBUTION INTENSITY DATA

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G0	38288.55	36280.9	36251.88	35987.18	35754.77	35449.18	35616.82	35569.22	35754.71	36034.58
G1	38258.75	36341.21	36196.08	35890.87	35764.95	35591.79	35613.46	35609.95	35757.29	36081.14
G2	38224.58	36379.63	36221.49	35970.59	35711.67	35588.59	35462.46	35567.17	35790.3	36027.75
G3	38185.58	36363.21	36208.1	35889.29	35748.04	35539.88	35535.52	35603.07	35756.02	36124.65
G4	38141.02	36290.98	36100.87	35822.31	35651.99	35520.93	35565.18	35637.03	35823.52	35880.84
G5	38088.95	36089.32	36116.09	35803.84	35711.09	35527.86	35489.33	35526.55	35893.28	36000.46
G6	38030.59	36154.98	36030.69	35600.66	35626.91	35445.93	35487.34	35459.47	35740.96	36064.86
G7	37961.25	36069.91	35996.84	35684.59	35549.17	35388.98	35410.29	35511.64	35776.07	35958.36
G8	37885.14	35986.39	35906.82	35575.94	35446.66	35282.69	35357.27	35347.41	35678.03	36039.56
G9	37800.58	35883.94	35839.38	35486.45	35387.87	35300.43	35308.98	35158.4	35597.14	35867.51
G10	37709.25	35796.02	35769.3	35407.34	35424.25	35180.43	35273.45	35286.15	35514.27	35876.22
G11	37607.01	35681.59	35683.33	35318.12	35310.2	35065.49	35005.61	35153.57	35548.38	35771.61
G12	37495.31	35558.67	35605.86	35240.75	35207.0	34997.68	35012.74	35089.01	35475.59	35775.39
G13	37372.65	35443.36	35476.11	35087.43	35136.46	34892.65	35014.79	34964.87	35339.27	35624.17
G14	37241.96	35274.14	35333.97	34963.14	34996.84	34743.22	34943.04	34863.21	35400.0	35500.04
G15	37100.66	35210.15	35232.56	34847.14	34923.62	34637.77	34814.02	34795.76	35251.46	35411.75
G16	36949.13	35045.34	35121.45	34730.98	34789.83	34534.58	34699.39	34699.97	34909.13	35206.22
G17	36785.46	34858.95	34976.0	34520.46	34687.32	34368.46	34542.14	34519.52	34973.06	35262.16
G18	36603.07	34636.41	34785.42	34382.52	34476.84	34209.58	34413.49	34381.95	34776.23	35123.91
G19	36415.38	34427.45	34637.2	34147.48	34371.19	34056.68	34269.04	34236.29	34663.75	34885.14
G20	36205.05	34231.3	34431.8	33948.34	34190.89	33838.17	34145.49	34141.97	34526.75	34692.78
G21	35981.88	33963.72	34213.14	33761.28	34011.75	33647.8	33939.84	33860.64	34330.4	34600.82
G22	35739.33	33724.32	33969.71	33481.25	33769.83	33410.24	33738.13	33636.51	34046.02	34463.25
G23	35482.25	33429.77	33742.38	33061.19	33570.17	33154.3	33537.31	33502.46	33966.66	34247.63
G24	35207.05	33115.57	33478.21	32971.44	33290.25	32844.11	33295.29	33063.5	33805.11	33995.79
G25	34906.5	32775.82	33210.2	32691.99	32985.61	32587.75	33076.89	32904.36	33641.13	33630.84
G26	34574.57	32361.79	32856.13	32160.82	32618.72	32307.21	32806.94	32747.68	33364.84	33372.03
G27	34230.83	32061.72	32570.12	31899.11	32437.95	31964.78	32507.76	32270.09	33113.84	33038.52
G28	33841.11	31653.05	32172.42	31572.8	32040.41	31603.87	32174.99	31986.03	32711.26	32714.62
G29	33419.69	31067.86	31793.4	31047.76	31700.97	31170.32	31711.89	31555.89	32443.57	32383.63
G30	32961.68	30695.36	31338.96	30470.45	31274.61	30731.84	31305.16	31105.97	31993.43	32071.74
G31	32448.45	29967.82	30858.38	29950.24	30825.48	30191.84	30999.47	30650.21	31633.68	31438.48
G32	31881.27	29475.64	30330.83	29478.85	30331.98	29597.83	30527.24	30194.57	31178.51	31098.78
G33	31258.6	28681.24	29737.45	28773.51	29755.72	28946.51	29981.99	29470.13	30506.88	30383.84
G34	30539.73	27902.22	29029.55	27962.16	29100.88	28199.35	29354.71	28859.33	30098.1	29777.61
G35	29728.58	26943.05	28257.72	27067.24	28329.05	27307.01	28650.48	27928.46	29450.71	28804.32
G36	28806.74	25812.0	27355.66	26037.01	27458.64	26388.41	27841.86	27059.26	28694.52	27913.66

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G37	27735.62	24508.2	26326.9	24789.63	26488.09	25185.39	26926.21	25946.26	27727.48	27017.69
G38	26521.79	23104.62	25123.14	23409.25	25359.07	23827.53	25852.93	24594.01	26654.37	25692.64
G39	25100.47	21412.41	23757.93	21755.63	23923.85	22293.58	24593.23	23087.82	25443.27	24322.29
G40	23516.38	19585.63	22153.12	19969.26	22525.63	20474.56	23132.8	21422.7	24026.46	22662.46
G41	21687.66	17572.82	20363.97	17970.05	20806.28	18548.04	21505.37	19434.3	22397.03	20666.46
G42	19666.77	15296.21	18350.38	15755.48	18856.78	16410.53	19560.64	17313.58	20599.11	18558.65
G43	17412.89	13134.19	16201.47	13492.79	16710.92	14142.74	17455.93	15019.39	18444.12	16120.43
G44	15121.9	11108.94	13959.82	11340.21	14410.06	11899.1	15184.0	12700.27	16138.12	13729.24
G45	12784.15	9199.65	11726.78	9361.47	12194.13	9901.15	12895.53	10569.89	13800.78	11475.94
G46	10637.71	7591.11	9721.17	7770.98	10137.4	8254.08	10752.97	8794.02	11601.86	9508.85
G47	8803.21	6273.45	8053.37	6497.73	8376.48	6850.82	8896.32	7234.45	9571.89	7896.06
G48	7352.5	5460.36	6734.4	5513.27	6977.16	5741.54	7378.22	6103.08	7940.78	6589.22
G49	6198.87	4870.19	5714.25	4820.75	5885.72	4973.54	6199.34	5308.51	6603.81	5674.56
G50	5366.93	4389.98	4951.6	4284.48	5081.66	4436.22	5321.22	4706.58	5639.98	4950.29
G51	4702.54	3973.96	4324.47	3850.09	4440.47	3986.45	4631.16	4190.42	4896.07	4393.81
G52	4181.23	3618.93	3857.07	3480.68	3952.75	3610.22	4102.66	3787.84	4327.73	3964.3
G53	3766.0	3289.36	3487.66	3174.04	3555.11	3317.07	3676.46	3442.57	3856.7	3598.04
G54	3412.92	3017.47	3169.64	2911.45	3226.11	3051.33	3334.6	3158.93	3457.01	3281.07
G55	3121.92	2786.21	2888.46	2663.5	2942.89	2821.9	3053.43	2898.38	3160.4	3004.72
G56	2857.6	2572.9	2658.25	2470.34	2700.66	2603.24	2803.59	2683.23	2917.01	2776.34
G57	2634.0	2385.36	2458.16	2296.19	2491.6	2409.35	2587.81	2473.02	2673.05	2567.18
G58	2449.56	2210.05	2287.26	2143.55	2308.31	2232.2	2391.24	2290.15	2464.25	2371.35
G59	2292.04	2047.76	2121.87	1988.13	2144.29	2074.74	2208.01	2110.75	2278.34	2195.62
G60	2119.46	1886.47	1972.97	1847.31	1998.84	1927.56	2055.27	1955.07	2117.78	2035.58
G61	1946.98	1737.3	1822.9	1706.22	1852.56	1791.67	1900.22	1812.41	1953.81	1875.18
G62	1798.92	1607.44	1686.33	1579.57	1722.55	1662.66	1767.42	1683.18	1807.84	1742.96
G63	1680.24	1483.73	1563.61	1476.8	1590.8	1526.03	1637.52	1559.1	1675.25	1603.71
G64	1573.06	1380.43	1453.34	1373.24	1469.19	1415.28	1513.59	1450.82	1550.54	1483.25
G65	1438.06	1275.77	1347.94	1277.66	1366.63	1311.41	1394.08	1332.04	1429.66	1375.23
G66	1306.63	1173.1	1243.12	1183.5	1270.31	1212.15	1286.9	1221.97	1321.54	1274.35
G67	1194.83	1082.14	1144.81	1096.63	1167.54	1121.25	1186.54	1128.38	1219.24	1183.23
G68	1100.88	995.75	1062.46	1018.0	1068.86	1026.93	1088.28	1040.2	1110.17	1095.0
G69	1017.37	913.66	970.13	934.44	990.87	948.98	1003.41	960.42	1017.27	1014.17
G70	938.06	835.34	884.63	867.83	905.42	879.64	911.14	884.42	932.81	916.65
G71	867.68	763.28	804.48	771.89	820.17	805.27	835.92	812.3	851.83	817.03
G72	768.37	701.08	730.32	687.01	742.76	720.61	758.19	739.13	764.75	726.69
G73	669.9	618.83	653.84	602.4	669.01	635.31	675.05	640.19	693.31	638.09

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

G Range: 0 - 90 Deg
G Interval: 1.0 Deg
Test System: Huipu CPM-1600B Goniophotometer
Humidity:
Test Distance: 7.061 m
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 3)

Gamma\C	C50	C55	C60	C65	C70	C75	C80	C85	C90	C95
G0	36377.21	36816.49	37325.04	37611.41	37827.09	37965.55	37954.54	38017.62	37953.48	38008.12
G1	36242.06	36877.59	37272.29	37696.6	37854.64	37982.61	37992.43	38055.3	38001.24	38051.68
G2	36430.34	36851.61	37362.67	37651.67	37848.29	37983.92	38027.96	38087.63	38042.92	38088.11
G3	36518.72	36930.02	37391.07	37668.21	37901.52	38045.7	38057.51	38113.3	38079.45	38129.16
G4	36499.46	36932.65	37325.46	37673.98	37923.83	38041.29	38086.95	38137.76	38111.47	38150.41
G5	36368.61	36864.4	37321.63	37682.06	37927.5	38055.98	38102.13	38152.25	38137.76	38173.82
G6	36356.43	36873.28	37420.04	37672.77	37919.36	38054.31	38113.72	38162.27	38159.34	38192.67
G7	36338.58	36970.28	37318.43	37710.83	37925.4	38026.18	38124.54	38164.64	38176.08	38203.06
G8	36430.54	36796.75	37276.07	37698.75	37937.26	38031.0	38126.48	38157.86	38186.0	38201.12
G9	36319.84	36770.35	37278.85	37621.55	37908.92	38027.33	38120.76	38146.74	38185.32	38201.54
G10	36224.21	36711.82	37299.59	37566.85	37860.26	37982.98	38105.27	38126.43	38183.38	38181.53
G11	36083.38	36756.13	37190.99	37509.8	37817.95	37960.36	38071.16	38091.46	38169.31	38164.85
G12	36240.38	36671.15	37163.54	37487.75	37768.77	37900.63	38044.76	38051.21	38145.85	38130.05
G13	36135.98	36503.34	37154.72	37393.17	37755.29	37837.48	37998.83	38003.81	38113.15	38089.05
G14	36114.36	36494.52	36980.72	37316.54	37679.86	37768.41	37952.8	37945.24	38068.38	38039.09
G15	35871.5	36213.93	36909.18	37267.88	37590.27	37694.66	37892.23	37877.05	38019.67	37979.57
G16	35787.51	36324.52	36820.48	37134.35	37550.74	37599.61	37823.41	37799.27	37957.89	37915.9
G17	35692.3	36166.27	36627.59	37041.45	37438.78	37504.65	37750.3	37712.93	37887.71	37828.98
G18	35569.38	35938.52	36595.36	36921.09	37343.41	37374.44	37652.52	37612.57	37805.14	37737.65
G19	35454.79	35840.05	36509.17	36777.02	37249.04	37270.2	37549.54	37496.0	37714.77	37634.88
G20	35293.87	35691.78	36383.62	36645.48	37087.95	37143.22	37434.11	37374.44	37610.05	37520.4
G21	35107.91	35599.45	36284.52	36463.51	36978.62	36986.18	37308.14	37234.19	37497.2	37391.75
G22	35086.07	35374.8	36083.07	36295.76	36798.17	36823.58	37168.63	37073.89	37365.72	37247.67
G23	34775.97	35062.71	35942.88	36106.64	36651.41	36650.73	37018.98	36908.39	37222.16	37086.33
G24	34668.26	35014.32	35732.93	35920.68	36460.36	36440.26	36849.4	36723.27	37056.83	36904.61
G25	34414.12	34759.07	35515.16	35720.64	36257.71	36234.87	36664.9	36512.69	36891.12	36715.23
G26	34191.31	34445.4	35247.78	35454.59	36035.63	35993.16	36455.48	36287.15	36695.55	36497.3
G27	33909.76	34239.55	34978.1	35189.05	35821.32	35733.98	36227.1	36035.05	36480.67	36257.33
G28	33437.11	33848.35	34699.39	34843.99	35524.4	35430.29	35979.78	35760.11	36242.43	35997.36
G29	33286.11	33488.5	34392.7	34500.73	35236.81	35103.02	35698.76	35446.5	35982.03	35698.71
G30	32944.62	33156.82	34048.44	34124.75	34940.25	34732.93	35395.38	35104.02	35686.42	35374.64
G31	32518.57	32648.43	33673.83	33678.66	34572.95	34333.5	35052.53	34715.61	35362.0	35002.87
G32	32073.16	32181.81	33261.54	33234.4	34097.77	33862.73	34659.19	34277.55	34997.26	34594.84
G33	31547.02	31556.0	32811.93	32670.16	33680.61	33330.25	34222.02	33771.41	34589.17	34119.56
G34	30992.28	30898.8	32297.6	32011.44	33160.92	32717.45	33726.79	33210.52	34121.61	33591.74
G35	30237.35	30143.45	31671.11	31332.93	32564.87	32031.33	33167.11	32537.68	33592.84	32957.32
G36	29577.36	29242.28	30923.63	30439.48	31883.42	31224.49	32514.69	31790.46	32984.93	32261.33

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 4)

Gamma\C	C100	C105	C110	C115	C120	C125	C130	C135	C140	C145
G0	37935.11	37997.88	37917.0	37987.34	37910.86	37980.04	37897.37	37979.57	37915.48	37993.84
G1	37983.61	38047.64	37971.64	38036.62	37964.61	38031.16	37960.83	38030.53	37965.24	38040.29
G2	38039.14	38086.85	38022.92	38081.92	38017.88	38076.82	38006.7	38075.2	38014.84	38082.07
G3	38075.52	38125.9	38068.48	38127.58	38065.48	38121.91	38055.57	38114.82	38060.77	38119.34
G4	38112.68	38157.66	38110.52	38157.92	38107.64	38153.51	38102.18	38147.95	38102.07	38149.68
G5	38145.48	38184.79	38146.32	38186.94	38143.9	38184.79	38138.13	38169.99	38135.4	38174.66
G6	38172.62	38207.31	38176.76	38211.46	38175.98	38204.37	38170.3	38198.75	38165.21	38193.51
G7	38194.72	38227.36	38202.11	38230.72	38202.59	38226.26	38193.51	38213.66	38188.41	38204.84
G8	38210.62	38232.08	38221.9	38243.42	38222.27	38238.02	38212.3	38223.37	38204.42	38211.51
G9	38218.86	38233.77	38233.08	38247.25	38236.6	38235.92	38224.68	38226.78	38208.25	38209.99
G10	38219.43	38226.52	38242.63	38242.43	38244.05	38239.01	38237.6	38221.9	38219.28	38200.86
G11	38213.77	38203.53	38239.7	38229.3	38242.63	38225.05	38231.66	38207.99	38214.29	38180.54
G12	38197.55	38183.95	38227.62	38205.0	38233.45	38204.16	38222.79	38189.73	38200.02	38153.35
G13	38172.62	38141.7	38206.41	38172.36	38214.55	38179.75	38203.85	38150.94	38177.65	38118.92
G14	38134.09	38102.86	38175.98	38131.15	38187.47	38131.78	38177.34	38109.58	38145.85	38072.73
G15	38091.16	38048.86	38134.82	38080.03	38150.78	38081.34	38137.87	38059.25	38105.32	38017.77
G16	38037.67	37985.76	38084.39	38018.46	38099.61	38022.08	38091.21	37997.73	38054.73	37949.7
G17	37974.0	37909.8	38026.44	37948.65	38046.85	37952.95	38033.53	37922.77	37999.04	37873.01
G18	37899.94	37824.41	37957.2	37873.96	37979.46	37872.65	37965.44	37839.0	37925.08	37784.05
G19	37814.34	37727.15	37878.63	37774.76	37902.77	37781.32	37879.84	37743.53	37838.74	37677.61
G20	37718.54	37618.39	37787.98	37672.67	37814.7	37679.65	37797.27	37639.55	37744.31	37573.68
G21	37611.94	37503.24	37687.37	37553.42	37715.65	37554.63	37695.71	37521.34	37641.07	37449.7
G22	37491.53	37367.29	37572.47	37424.09	37602.29	37431.07	37582.5	37391.34	37525.6	37314.18
G23	37355.85	37208.94	37445.92	37275.39	37476.52	37285.52	37455.42	37238.7	37389.66	37163.43
G24	37206.63	37041.77	37302.52	37117.82	37334.02	37126.27	37316.28	37084.39	37247.94	36998.14
G25	37044.55	36857.06	37147.89	36933.75	37185.89	36949.44	37162.54	36906.14	37100.29	36820.53
G26	36857.69	36653.78	36962.88	36729.94	37007.07	36755.5	36996.36	36714.29	36925.77	36618.19
G27	36657.24	36421.62	36772.98	36510.16	36823.63	36535.57	36803.15	36493.9	36735.55	36396.43
G28	36428.19	36174.46	36553.37	36266.47	36602.49	36299.17	36593.46	36260.43	36521.45	36158.82
G29	36179.02	35888.29	36311.87	35993.95	36370.08	36030.16	36365.62	35996.84	36289.19	35888.34
G30	35899.47	35571.05	36041.71	35695.55	36108.9	35748.88	36109.79	35708.41	36032.21	35593.79
G31	35591.79	35216.45	35744.05	35356.06	35822.63	35411.55	35828.14	35377.8	35746.63	35258.75
G32	35245.63	34833.81	35411.91	34978.57	35502.45	35046.23	35512.9	35012.95	35431.86	34886.41
G33	34858.22	34386.46	35040.93	34554.47	35144.54	34623.18	35159.71	34586.44	35070.27	34455.48
G34	34416.48	33876.8	34626.38	34063.61	34735.29	34150.63	34754.35	34114.68	34664.8	33981.3
G35	33917.16	33294.97	34142.13	33500.25	34275.76	33589.48	34293.19	33558.73	34204.48	33414.17
G36	33341.84	32612.32	33596.52	32846.99	33748.26	32961.31	33774.5	32929.97	33678.92	32783.74

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 5)

Gamma\C	C150	C155	C160	C165	C170	C175	C180	C185	C190	C195
G0	37939.1	38034.26	38005.13	38109.16	38117.66	38238.64	38288.55	36280.9	36251.88	35987.18
G1	37991.01	38075.77	38047.75	38147.84	38154.51	38266.63	38316.27	36459.83	36152.25	35981.77
G2	38038.82	38112.73	38090.63	38177.71	38189.88	38289.04	38342.36	36563.08	36294.34	35998.57
G3	38079.98	38138.08	38124.85	38201.8	38218.75	38311.34	38363.14	36374.23	36318.12	36026.28
G4	38111.15	38167.99	38155.24	38220.54	38241.16	38321.0	38382.14	36519.66	36289.04	36046.96
G5	38145.74	38187.36	38181.86	38231.51	38256.7	38320.52	38384.77	36513.06	36248.83	36044.28
G6	38170.36	38200.54	38198.07	38240.59	38266.41	38320.58	38386.66	36566.96	36252.19	36021.61
G7	38187.68	38208.88	38208.88	38241.32	38272.39	38312.07	38382.52	36536.99	36225.37	35978.46
G8	38200.28	38208.63	38217.7	38233.71	38270.61	38295.59	38369.6	36512.38	36214.55	35986.6
G9	38206.26	38199.7	38210.67	38214.24	38260.64	38270.03	38350.45	36483.4	36236.02	35937.05
G10	38203.48	38182.53	38205.95	38193.55	38243.37	38237.7	38321.42	36471.23	36167.73	35918.52
G11	38191.93	38158.34	38187.36	38154.19	38208.88	38194.13	38284.94	36410.18	36102.07	35846.83
G12	38172.56	38124.01	38162.43	38118.34	38179.91	38142.96	38239.43	36388.4	36057.51	35849.09
G13	38151.52	38083.8	38126.21	38065.75	38135.19	38080.77	38181.91	36324.0	36025.86	35751.14
G14	38107.64	38031.69	38082.6	38007.33	38080.08	38008.64	38116.56	36217.6	35859.32	35708.26
G15	38064.54	37970.48	38029.48	37936.69	38016.83	37927.29	38042.5	36169.26	35794.23	35578.51
G16	38006.23	37898.11	37965.61	37859.11	37946.87	37835.8	37957.73	36099.61	35670.78	35379.64
G17	37941.57	37812.81	37891.75	37761.42	37859.21	37733.98	37864.04	35987.55	35663.8	35463.19
G18	37864.09	37710.98	37811.71	37659.91	37764.47	37621.86	37759.17	35914.11	35548.27	35263.64
G19	37774.71	37609.89	37715.45	37550.53	37661.39	37498.41	37644.38	35832.39	35305.05	35178.82
G20	37672.62	37493.37	37601.44	37421.2	37546.86	37361.15	37516.52	35705.11	35161.44	35034.11
G21	37567.17	37361.63	37485.55	37281.38	37420.47	37211.25	37378.58	35583.76	35189.52	34906.24
G22	37445.19	37219.7	37354.22	37125.21	37278.38	37046.18	37224.42	35437.89	35040.77	34717.29
G23	37311.71	37060.55	37211.14	36961.51	37125.28	36864.99	37057.78	35253.61	34844.05	34559.46
G24	37161.65	36888.82	37056.56	36780.01	36956.58	36671.36	36874.64	35161.55	34699.39	34423.94
G25	36999.88	36699.75	36885.09	36570.64	36773.92	36453.59	36678.44	34946.51	34474.58	34209.89
G26	36818.27	36497.73	36692.98	36360.73	36569.9	36221.49	36458.26	34732.2	34266.16	34014.74
G27	36623.02	36264.73	36490.75	36118.34	36351.5	35957.95	36222.69	34504.87	34036.05	33792.24
G28	36401.68	36017.99	36261.32	35855.22	36107.32	35686.85	35967.18	34266.41	33792.93	33564.08
G29	36163.64	35737.34	36010.38	35568.54	35844.31	35368.66	35680.7	33994.59	33512.12	33281.96
G30	35896.48	35431.7	35737.18	35250.09	35552.37	35038.62	35369.35	33702.54	33249.84	32975.32
G31	35606.8	35083.44	35435.69	34880.52	35230.83	34652.73	35028.75	33409.14	32893.7	32650.21
G32	35276.29	34699.13	35094.84	34482.25	34875.33	34230.83	34646.95	33070.22	32508.6	32285.95
G33	34911.34	34265.37	34714.4	34029.22	34473.64	33750.57	34225.69	32711.68	32125.39	31930.34
G34	34496.94	33763.38	34282.79	33513.7	34019.93	33210.1	33747.73	32112.74	31708.32	31412.71
G35	34026.18	33191.46	33797.7	32919.32	33513.53	32581.98	33208.42	31654.1	31234.99	30924.89
G36	33490.8	32540.41	33240.18	32237.19	32942.46	31864.05	32589.59	31103.87	30597.15	30353.35

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 6)

Gamma\C	C200	C205	C210	C215	C220	C225	C230	C235	C240	C245
G0	35754.77	35449.18	35616.82	35569.22	35754.71	36034.58	36377.21	36816.49	37325.04	37611.41
G1	35781.59	35638.4	35590.79	35507.7	35759.65	36158.23	36276.91	36912.48	37217.07	37588.22
G2	35686.37	35628.95	35405.72	35577.35	35823.37	36166.21	36427.55	36884.98	37210.67	37538.04
G3	35788.56	35625.96	35595.93	35587.86	35752.03	36018.52	36309.98	36783.53	37234.76	37522.23
G4	35783.16	35642.02	35599.3	35547.49	35709.1	36094.04	36411.7	36765.26	37132.2	37471.17
G5	35776.96	35453.9	35503.55	35529.86	35685.38	35948.24	36374.85	36763.79	37091.95	37415.38
G6	35748.15	35600.24	35548.8	35502.82	35698.13	36023.03	36250.2	36776.75	37040.34	37343.78
G7	35724.22	35594.15	35519.2	35457.89	35603.81	35833.29	36146.79	36606.32	36997.52	37293.29
G8	35665.48	35607.27	35430.75	35407.82	35654.62	35929.65	36112.84	36409.5	36920.05	37210.93
G9	35647.38	35471.64	35358.32	35384.78	35514.95	35875.22	36077.57	36448.97	36861.73	37107.11
G10	35595.09	35460.26	35417.84	35330.34	35484.09	35704.16	36137.92	36479.36	36824.2	37049.43
G11	35532.37	35419.52	35167.16	35270.93	35393.8	35690.63	36028.91	36383.2	36661.6	36875.32
G12	35479.68	35382.46	35258.65	35089.32	35251.04	35643.38	35813.55	36217.6	36576.2	36840.47
G13	35443.41	35274.34	35149.89	35110.32	35229.63	35444.61	35741.11	36079.24	36554.63	36761.63
G14	35348.14	35185.22	35083.29	35146.75	35112.84	35419.16	35608.21	36065.38	36371.81	36639.5
G15	35279.96	35115.41	34953.44	34915.64	34993.85	35164.07	35565.28	35795.86	36219.39	36503.88
G16	35172.67	34992.75	34892.91	34895.28	34974.43	35206.0	35360.69	35690.21	36069.11	36343.68
G17	34940.78	34902.36	34766.63	34682.12	34626.38	34941.78	35218.92	35640.71	35897.54	36211.04
G18	34780.43	34730.98	34455.48	34649.63	34697.08	34925.77	35096.73	35408.08	35748.26	35955.69
G19	34811.09	34606.33	34454.01	34415.12	34489.91	34687.95	35029.75	35115.36	35494.26	35807.82
G20	34694.61	34489.6	34348.82	34385.36	34299.8	34494.74	34827.3	35037.78	35389.29	35618.77
G21	34546.6	34385.62	34113.68	34082.13	34190.63	34296.86	34555.31	34841.06	35190.1	35446.82
G22	34394.13	34188.11	33937.95	33927.29	33981.67	34146.01	34345.52	34647.48	35043.71	35134.09
G23	34199.08	34067.17	33808.46	33710.0	33823.47	34024.97	34144.39	34416.85	34827.88	34933.17
G24	34012.43	33810.88	33618.61	33557.57	33646.38	33702.7	33991.49	34217.02	34563.66	34625.86
G25	33821.06	33626.64	33375.44	33411.66	33452.65	33457.11	33666.32	33871.87	34255.61	34424.88
G26	33572.11	33261.9	33224.27	33168.01	33198.08	33242.28	33415.75	33703.8	33964.14	34124.02
G27	33312.77	33145.39	32783.27	32904.68	32829.67	32952.7	33129.58	33342.37	33635.46	33780.07
G28	33090.74	32906.72	32617.14	32525.19	32524.19	32729.42	32804.74	33013.95	33374.12	33517.73
G29	32798.6	32570.59	32366.62	32267.63	32293.24	32329.14	32447.45	32681.08	33015.06	33093.73
G30	32496.74	32307.15	32030.02	31914.76	31849.56	32087.49	32089.38	32288.62	32531.17	32705.27
G31	32091.79	31942.73	31646.54	31594.84	31406.36	31680.45	31773.41	31854.29	32069.8	32219.92
G32	31779.86	31540.52	31254.67	31122.87	31001.31	31245.74	31273.2	31511.7	31579.31	31718.19
G33	31328.36	31174.62	30833.92	30721.7	30564.5	30765.9	30709.47	30901.11	31045.08	31216.51
G34	30895.18	30709.32	30371.24	30217.56	30033.7	30231.58	30166.49	30379.22	30474.7	30525.61
G35	30364.84	30184.6	29771.57	29677.04	29513.54	29626.18	29560.15	29705.96	29750.79	29830.94
G36	29717.19	29576.32	29127.34	29002.73	28856.92	28916.39	28775.25	29024.09	28980.79	29014.43

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 7)

Gamma\C	C250	C255	C260	C265	C270	C275	C280	C285	C290	C295
G0	37827.09	37965.55	37954.54	38017.62	37953.48	38008.12	37935.11	37997.88	37917.0	37987.34
G1	37788.36	37925.45	37912.22	37972.8	37901.67	37958.62	37885.93	37943.72	37862.57	37931.38
G2	37755.39	37877.89	37871.49	37923.77	37846.98	37900.15	37831.87	37885.14	37805.04	37870.02
G3	37686.16	37824.78	37823.05	37866.35	37786.78	37842.68	37774.18	37813.91	37744.73	37801.21
G4	37633.2	37786.78	37760.95	37811.45	37722.84	37775.65	37708.46	37748.93	37678.29	37727.89
G5	37574.99	37717.34	37702.11	37742.11	37655.3	37701.65	37639.23	37663.12	37603.13	37640.18
G6	37537.62	37643.9	37632.3	37663.07	37580.77	37619.76	37560.55	37584.17	37519.61	37551.42
G7	37426.45	37568.43	37556.93	37580.39	37499.14	37529.53	37471.54	37489.7	37428.34	37460.25
G8	37341.31	37502.71	37479.25	37489.48	37410.13	37435.16	37376.27	37389.07	37329.61	37357.16
G9	37256.28	37391.86	37378.58	37393.8	37311.14	37327.45	37269.19	37276.91	37219.59	37242.12
G10	37198.34	37299.69	37281.95	37280.16	37210.77	37214.87	37150.78	37160.91	37109.16	37125.21
G11	37129.89	37189.57	37168.16	37171.93	37088.43	37098.93	37029.27	37031.58	36976.78	36995.78
G12	36985.29	37074.62	37049.96	37048.17	36963.14	36963.03	36891.54	36897.32	36838.07	36857.58
G13	36885.98	36927.08	36910.49	36915.06	36825.52	36825.83	36745.79	36758.02	36689.05	36707.16
G14	36737.39	36809.66	36766.1	36773.39	36679.13	36673.2	36589.11	36604.33	36530.27	36550.95
G15	36582.7	36665.16	36624.28	36615.61	36521.35	36508.23	36422.15	36436.16	36361.16	36388.14
G16	36464.19	36506.91	36463.3	36449.91	36350.87	36340.16	36245.95	36255.44	36180.28	36210.98
G17	36303.26	36338.85	36284.79	36271.61	36166.74	36155.98	36059.41	36068.12	35990.07	36013.22
G18	36107.8	36173.3	36102.39	36087.7	35968.39	35964.71	35859.37	35870.29	35785.68	35812.18
G19	35937.0	35986.71	35903.3	35884.68	35763.0	35746.42	35645.8	35656.82	35564.34	35598.4
G20	35707.47	35766.52	35688.84	35671.62	35542.98	35535.41	35420.79	35433.27	35339.17	35375.12
G21	35520.46	35548.27	35464.66	35446.97	35306.25	35300.27	35181.28	35195.19	35093.68	35128.27
G22	35294.18	35324.46	35219.49	35199.87	35055.99	35047.86	34923.52	34931.23	34832.61	34870.09
G23	35035.52	35074.89	34969.07	34941.52	34789.73	34779.91	34652.36	34667.16	34555.89	34596.36
G24	34763.59	34797.91	34690.78	34668.47	34503.71	34496.0	34359.79	34375.33	34259.17	34304.26
G25	34484.93	34492.48	34390.55	34372.81	34197.61	34198.18	34044.39	34066.44	33944.2	33987.92
G26	34177.24	34219.55	34074.42	34048.49	33868.24	33866.62	33707.37	33726.48	33594.42	33647.17
G27	33859.8	33879.95	33728.05	33707.27	33512.59	33511.33	33339.8	33364.52	33223.96	33279.33
G28	33490.44	33506.34	33354.65	33324.63	33122.45	33118.93	32937.37	32967.19	32812.03	32876.17
G29	33121.34	33111.74	32940.26	32917.32	32692.36	32693.67	32493.27	32528.96	32355.13	32431.71
G30	32688.38	32684.91	32485.09	32464.67	32216.5	32219.13	32002.62	32047.34	31864.05	31935.12
G31	32180.76	32221.23	31979.63	31966.29	31688.9	31698.66	31458.63	31508.76	31307.52	31393.23
G32	31673.05	31688.27	31431.55	31401.11	31110.27	31106.86	30856.6	30911.24	30680.71	30780.28
G33	31065.97	31108.7	30802.22	30783.06	30449.5	30469.29	30171.16	30241.18	29989.29	30106.07
G34	30392.45	30414.18	30099.25	30068.86	29708.48	29724.96	29407.3	29475.86	29203.81	29328.1
G35	29653.95	29660.66	29292.93	29276.98	28856.5	28899.85	28527.66	28627.02	28304.96	28472.81
G36	28790.99	28803.17	28383.43	28355.61	27913.4	27938.75	27544.77	27637.26	27299.87	27462.26

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 8)

Gamma\C	C300	C305	C310	C315	C320	C325	C330	C335	C340	C345
G0	37910.86	37980.04	37897.37	37979.57	37915.48	37993.84	37939.1	38034.26	38005.13	38109.16
G1	37855.7	37926.97	37837.54	37922.77	37853.96	37940.2	37888.03	37986.96	37961.51	38070.11
G2	37797.33	37861.31	37769.61	37862.73	37795.38	37882.98	37832.39	37932.22	37912.07	38024.59
G3	37734.24	37792.39	37704.0	37793.76	37731.72	37818.59	37773.92	37871.02	37858.59	37970.32
G4	37667.84	37719.43	37631.36	37720.8	37663.33	37747.83	37709.09	37811.03	37800.64	37909.45
G5	37591.26	37630.1	37554.57	37646.11	37588.84	37670.57	37644.17	37731.04	37734.97	37841.21
G6	37507.96	37547.38	37471.33	37552.68	37499.98	37587.59	37563.55	37659.76	37661.96	37769.09
G7	37411.28	37441.61	37380.36	37457.88	37414.79	37495.16	37475.63	37564.49	37581.81	37688.68
G8	37311.45	37344.62	37288.25	37355.12	37311.45	37397.16	37384.46	37472.95	37493.27	37600.55
G9	37201.07	37231.72	37175.19	37244.58	37210.41	37288.46	37281.48	37369.08	37395.95	37502.4
G10	37082.07	37112.73	37062.71	37127.27	37095.62	37170.36	37170.05	37259.96	37288.56	37400.68
G11	36953.06	36980.36	36935.27	36998.93	36967.55	37046.18	37040.4	37138.08	37167.58	37288.67
G12	36810.55	36842.78	36800.48	36863.99	36832.13	36914.64	36914.16	37004.13	37042.76	37161.65
G13	36657.14	36699.28	36653.2	36715.66	36687.48	36767.0	36769.72	36870.66	36905.93	37027.59
G14	36499.52	36536.83	36497.83	36558.56	36532.58	36615.61	36621.18	36719.8	36759.8	36889.18
G15	36328.14	36366.25	36332.24	36389.81	36366.93	36450.44	36457.89	36562.19	36603.97	36735.13
G16	36141.39	36188.36	36153.35	36211.57	36189.95	36275.18	36284.42	36393.18	36436.57	36565.59
G17	35954.06	35999.04	35955.27	36019.2	36002.56	36087.7	36101.29	36209.25	36253.5	36395.9
G18	35751.62	35797.39	35744.37	35818.59	35801.79	35891.96	35899.47	36024.24	36056.72	36208.57
G19	35532.27	35581.87	35524.23	35605.75	35587.96	35681.34	35684.95	35815.02	35845.52	36003.04
G20	35298.86	35356.28	35296.96	35380.26	35356.33	35459.21	35458.73	35595.3	35623.86	35786.36
G21	35049.17	35111.95	35056.46	35140.66	35117.04	35221.43	35220.65	35350.24	35388.88	35551.22
G22	34791.09	34851.5	34797.38	34880.52	34854.7	34961.2	34960.41	35093.16	35134.36	35305.1
G23	34514.0	34575.57	34518.25	34607.33	34577.88	34686.11	34680.92	34817.91	34858.01	35035.89
G24	34210.36	34281.95	34215.98	34316.02	34273.71	34391.86	34382.47	34527.23	34558.09	34740.07
G25	33887.67	33963.51	33894.96	33997.52	33950.91	34071.21	34054.31	34210.57	34237.13	34431.34
G26	33541.88	33617.77	33546.13	33650.63	33598.36	33724.32	33704.69	33862.95	33894.17	34091.38
G27	33165.12	33250.73	33169.89	33279.96	33220.55	33352.03	33326.68	33495.85	33518.26	33728.63
G28	32752.41	32844.16	32744.95	32868.35	32801.85	32944.14	32911.23	33092.16	33110.58	33331.09
G29	32299.13	32398.48	32293.77	32416.48	32342.74	32493.27	32452.6	32645.8	32660.5	32898.95
G30	31793.66	31899.06	31780.59	31919.47	31831.3	31995.38	31950.18	32156.09	32163.44	32419.01
G31	31234.72	31353.08	31208.95	31370.77	31264.38	31451.03	31391.97	31623.92	31620.93	31897.7
G32	30604.76	30731.84	30584.19	30751.0	30643.61	30836.76	30773.51	31018.26	31018.11	31310.67
G33	29901.32	30051.7	29869.67	30067.03	29922.89	30160.45	30079.2	30354.92	30334.87	30666.91
G34	29106.76	29263.91	29076.05	29275.62	29143.5	29380.54	29292.72	29593.69	29577.89	29922.84
G35	28185.33	28390.57	28156.73	28405.78	28232.73	28522.73	28398.91	28748.21	28706.7	29100.41
G36	27176.94	27373.19	27130.8	27396.45	27200.61	27516.33	27397.91	27761.39	27710.16	28140.46

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 9)

Gamma\C	C350	C355	C360							
G0	38117.66	38238.64	38288.55							
G1	38078.66	38203.69	38258.75							
G2	38033.89	38165.69	38224.58							
G3	37986.75	38119.08	38185.58							
G4	37934.64	38066.48	38141.02							
G5	37874.54	38008.86	38088.95							
G6	37808.72	37943.4	38030.59							
G7	37732.66	37864.3	37961.25							
G8	37651.3	37790.19	37885.14							
G9	37557.46	37698.39	37800.58							
G10	37462.35	37602.75	37709.25							
G11	37349.4	37494.74	37607.01							
G12	37231.93	37380.0	37495.31							
G13	37101.5	37256.81	37372.65							
G14	36965.61	37121.13	37241.96							
G15	36817.06	36973.11	37100.66							
G16	36657.19	36824.1	36949.13							
G17	36480.62	36648.68	36785.46							
G18	36287.41	36469.49	36603.07							
G19	36083.38	36272.03	36415.38							
G20	35867.55	36063.97	36205.05							
G21	35638.24	35836.59	35981.88							
G22	35391.18	35589.95	35739.33							
G23	35120.45	35328.25	35482.25							
G24	34826.73	35052.85	35207.05							
G25	34516.05	34750.15	34906.5							
G26	34178.4	34421.1	34574.57							
G27	33813.55	34069.38	34230.83							
G28	33414.75	33683.54	33841.11							
G29	32978.0	33263.85	33419.69							
G30	32491.86	32794.5	32961.68							
G31	31970.07	32291.36	32448.45							
G32	31387.41	31725.43	31881.27							
G33	30727.01	31103.4	31258.6							
G34	29990.71	30387.51	30539.73							
G35	29147.54	29595.11	29728.58							
G36	28185.44	28669.64	28806.74							

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 16:06:36

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

