

Report No.: KUPU-FG150-90D

Test Time: 2025/9/20 16:20:08

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: GZAILITELED
Luminaire Type: KUPU-FG150
Lamp Type:
Luminous Width: 240 mm
Luminous Length: 190 mm
Luminous Height: 0.7 mm

Voltage(V): 221.22 V
Current(A): 0.6900 A
Power(W): 149.14 W
Power Factor: 0.9760
Lamp Luminous Flux: 24707.36

Photometric Results

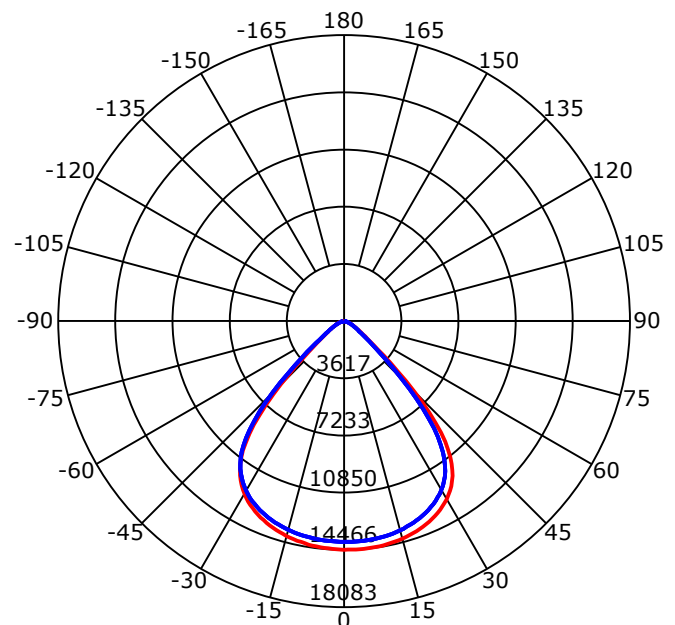
CIE Class: Direct
Luminaire Luminous Flux: 24707.36 lm
Downward Ratio: 0.00%
Luminaire Efficacy Rating(LER): 165.67 lm/W
Beam Angle(50%) C0-180,C90-270: 86.8,86.8
Field Angle(10%) C0-180,C90-270: 109.8,110.1
S/MH C0-180,C90-270: 1.299,1.250

Max. Intensity: 14466.19 cd
Max.Intensity Angle: C=0 Gamma=4
Upward Ratio: 100.00%
Efficacy: 100.00%
Center Intensity: 14459.28 cd
Effective Luminous Flux: 23292.13 lm
ERP(ϕ use)(120deg): 23833.54 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



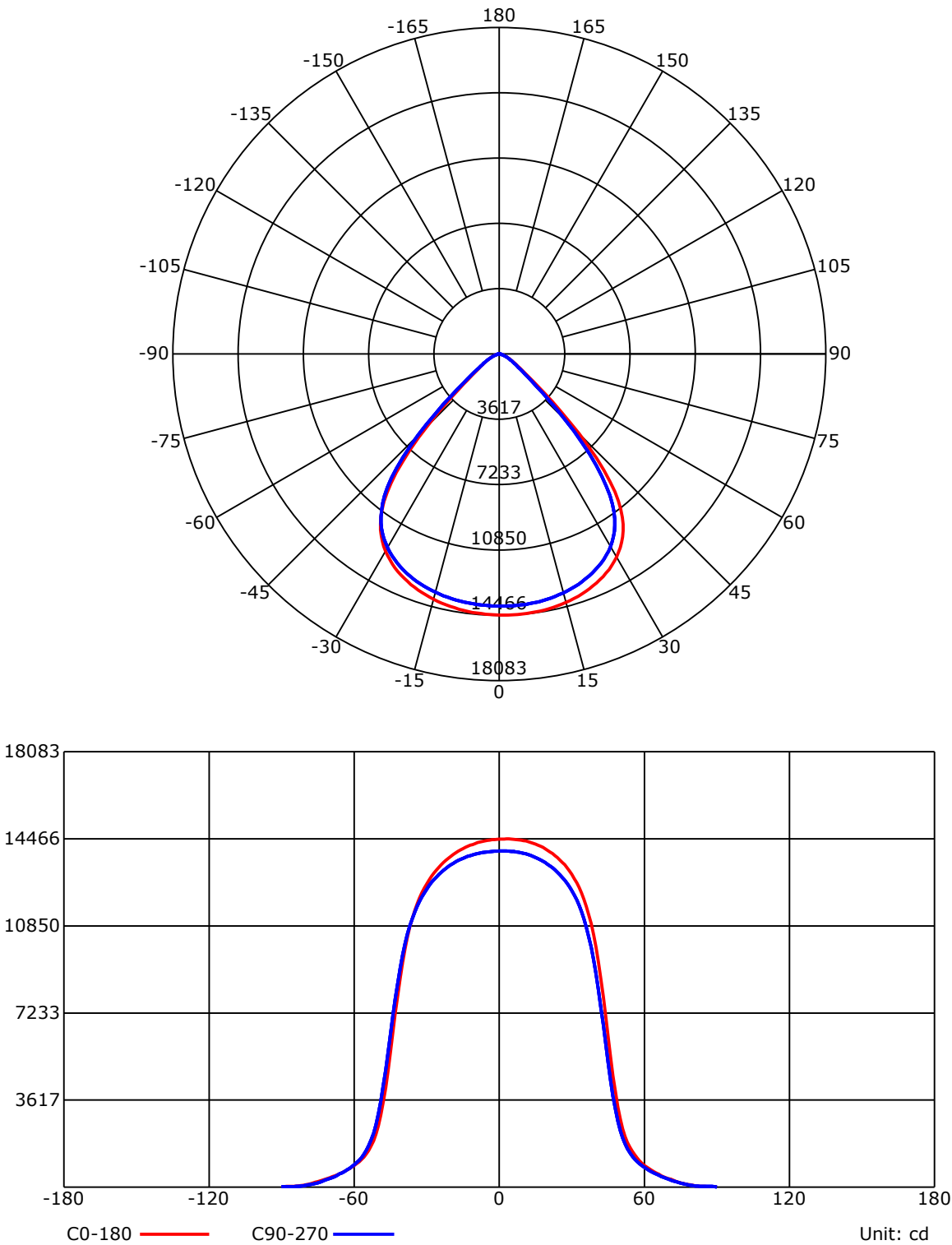
Beam Angle(50%) C0-180,C90-270: 86.8 deg,86.8 deg

C0-180 — C90-270 —

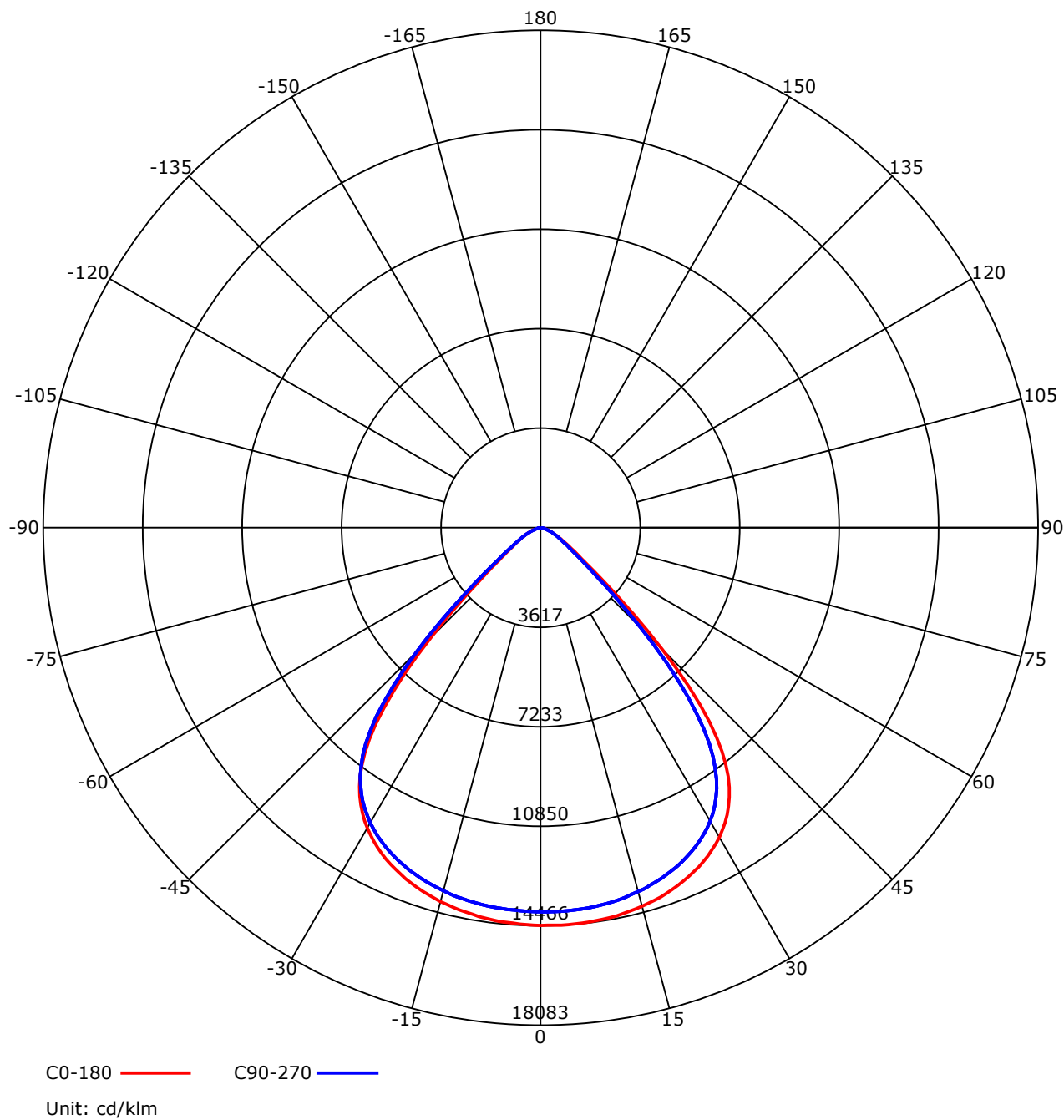
C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/20 16:20:08

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



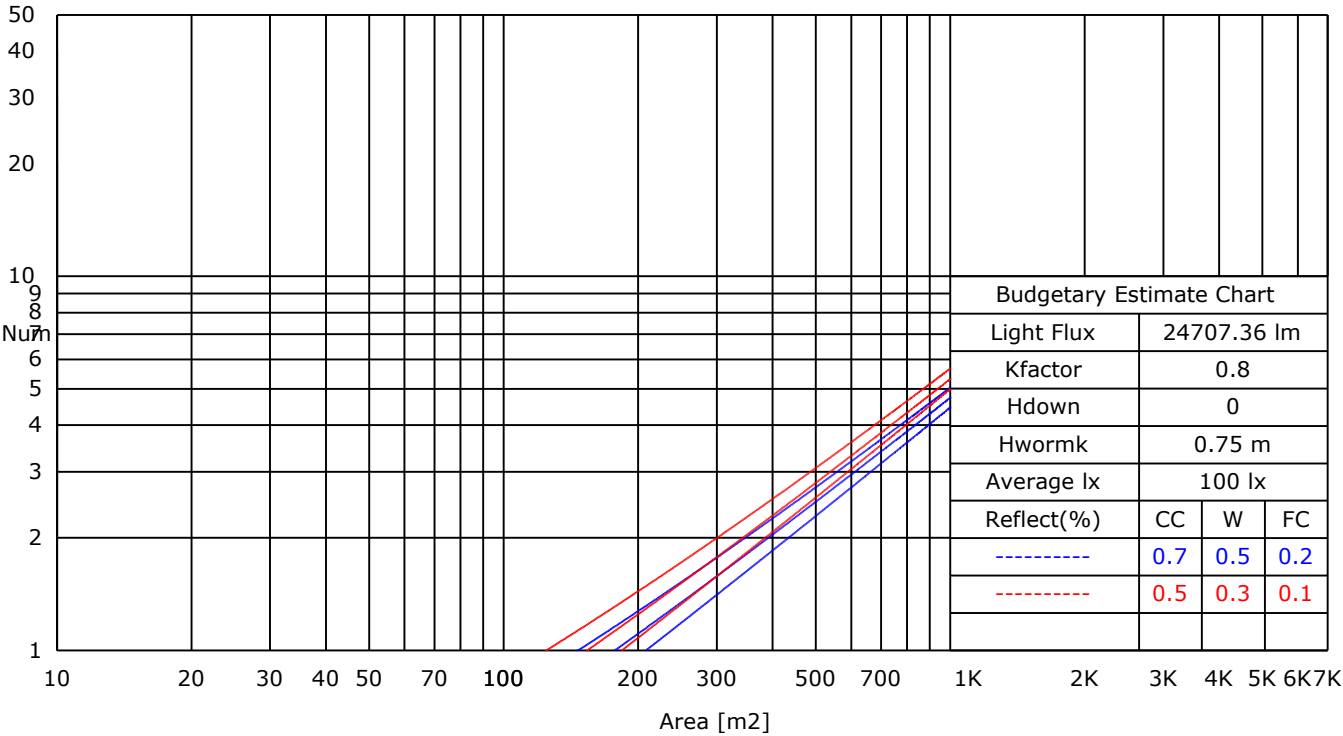
Luminous Intensity Distribution Curve



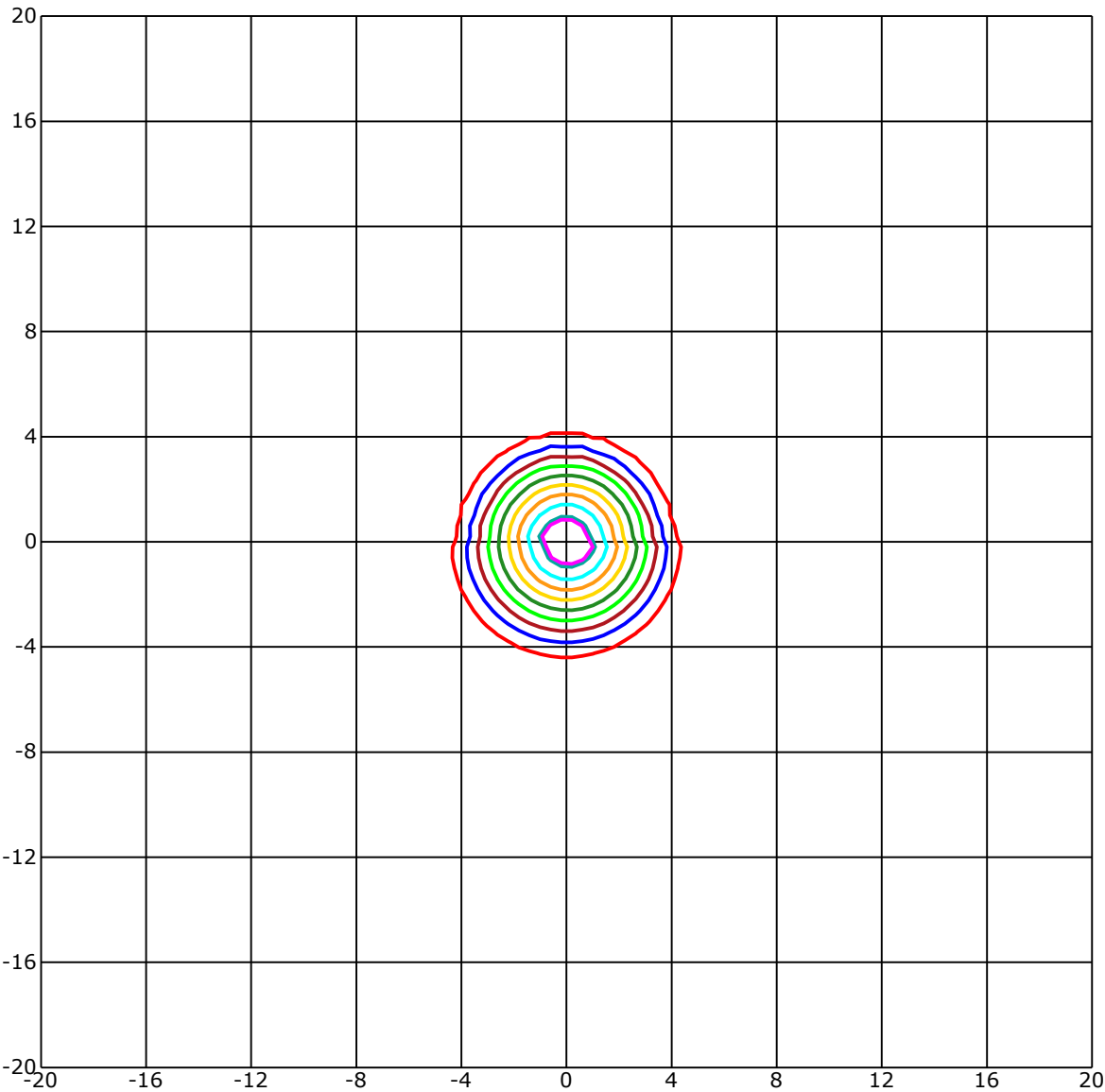
UTILIZATION FACTORS TABLE

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	1.09	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	1.00	0.99	0.98	0.99	0.97	0.96	0.96	0.94	0.91	0.92	0.89	0.87	0.86	0.83	0.81	0.76
3	0.91	0.89	0.87	0.90	0.87	0.86	0.87	0.84	0.82	0.84	0.80	0.78	0.80	0.76	0.73	0.68
4	0.82	0.80	0.78	0.81	0.79	0.77	0.80	0.76	0.73	0.77	0.73	0.70	0.74	0.69	0.65	0.61
5	0.74	0.72	0.71	0.74	0.71	0.69	0.73	0.69	0.66	0.71	0.66	0.63	0.68	0.63	0.59	0.55
6	0.67	0.65	0.64	0.67	0.64	0.63	0.67	0.63	0.60	0.65	0.60	0.57	0.63	0.58	0.54	0.50
7	0.62	0.59	0.58	0.62	0.59	0.57	0.61	0.57	0.54	0.60	0.55	0.52	0.59	0.53	0.49	0.45
8	0.56	0.54	0.53	0.57	0.54	0.52	0.56	0.52	0.50	0.56	0.51	0.47	0.55	0.49	0.45	0.41
9	0.52	0.50	0.49	0.52	0.49	0.48	0.52	0.48	0.45	0.52	0.47	0.43	0.51	0.45	0.41	0.38
10	0.48	0.46	0.45	0.48	0.45	0.44	0.48	0.44	0.42	0.48	0.43	0.40	0.48	0.42	0.38	0.35

LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



ISOLX DIAGRAM

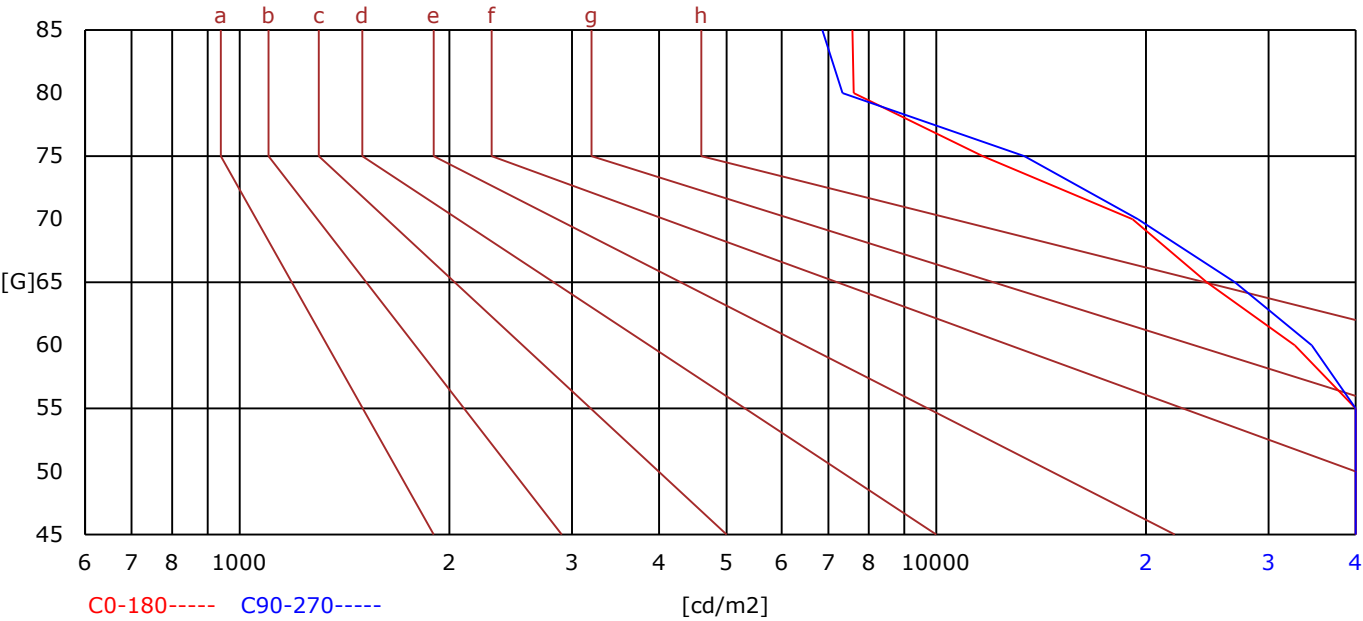


Unit of illumination:lx Height of plane:4.0(m)/13.12(ft)

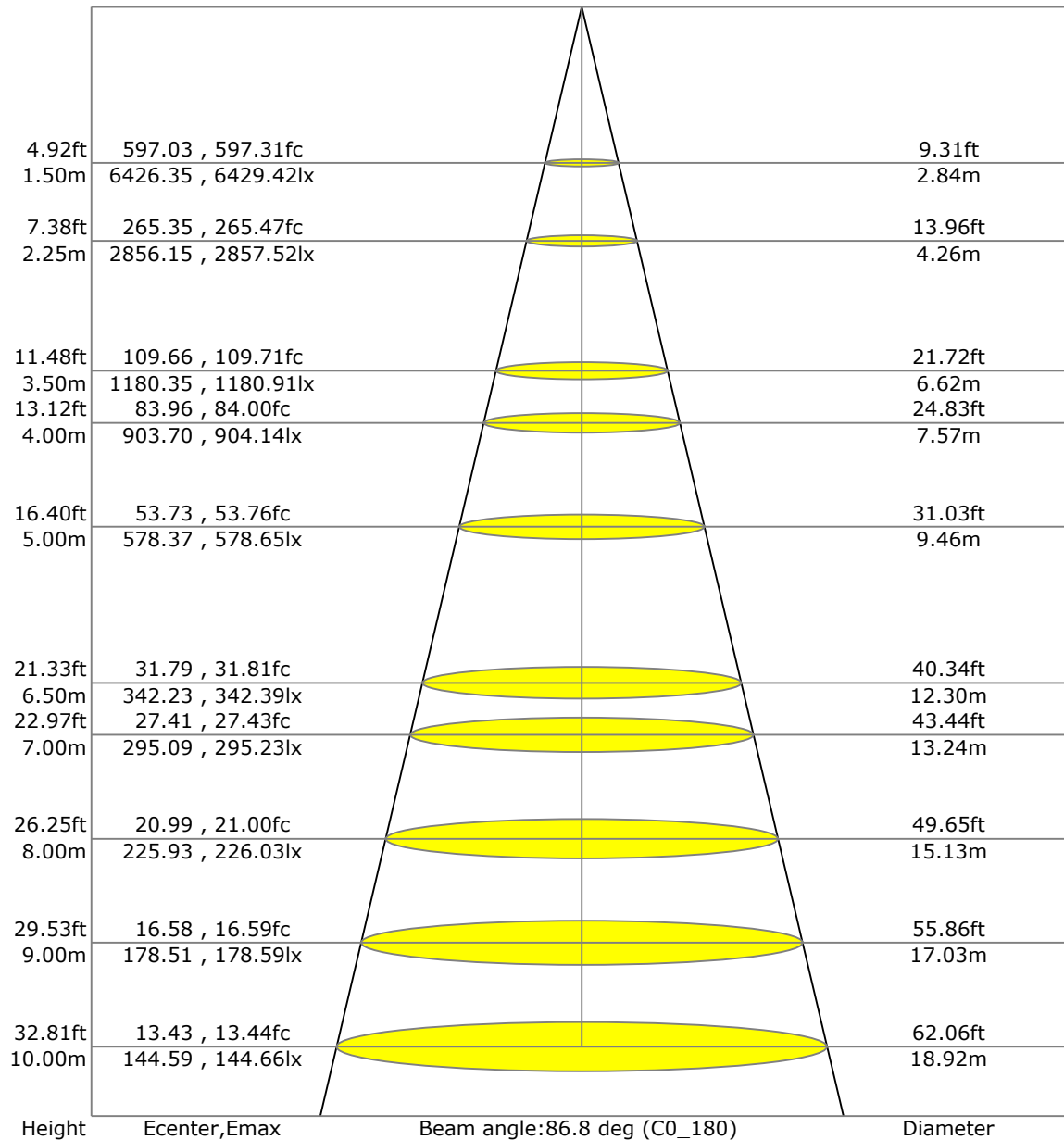
- | | |
|------------------|------------------|
| 831.408(92%Emax) | 451.852(50%Emax) |
| 813.334(90%Emax) | 361.482(40%Emax) |
| 722.964(80%Emax) | 271.112(30%Emax) |
| 632.593(70%Emax) | 180.741(20%Emax) |
| 542.223(60%Emax) | 90.37(10%Emax) |

BRIGHT LIMIT DIAGRAM

C/G	45	50	55	60	65	70	75	80	85
C0	131039	73781	46946	32719	24455	19134	11663	7612	7583
C90	132356	72248	46583	34602	26844	19470	13384	7336	6864
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: 2025/9/20 16:20:08

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

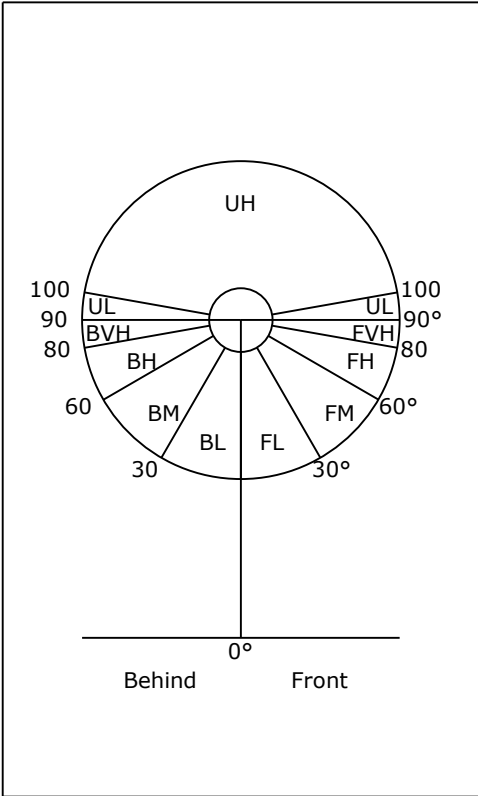
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

BUG Class



Zonal	Light Flux(lm)	Light Flux(%)
Front	11865.5	48.0
FL (0°-30°)	5581.1	22.6
FM (30°-60°)	5880.9	23.8
FH (60°-80°)	381.4	1.5
FVH (80°-90°)	22.1	0.1

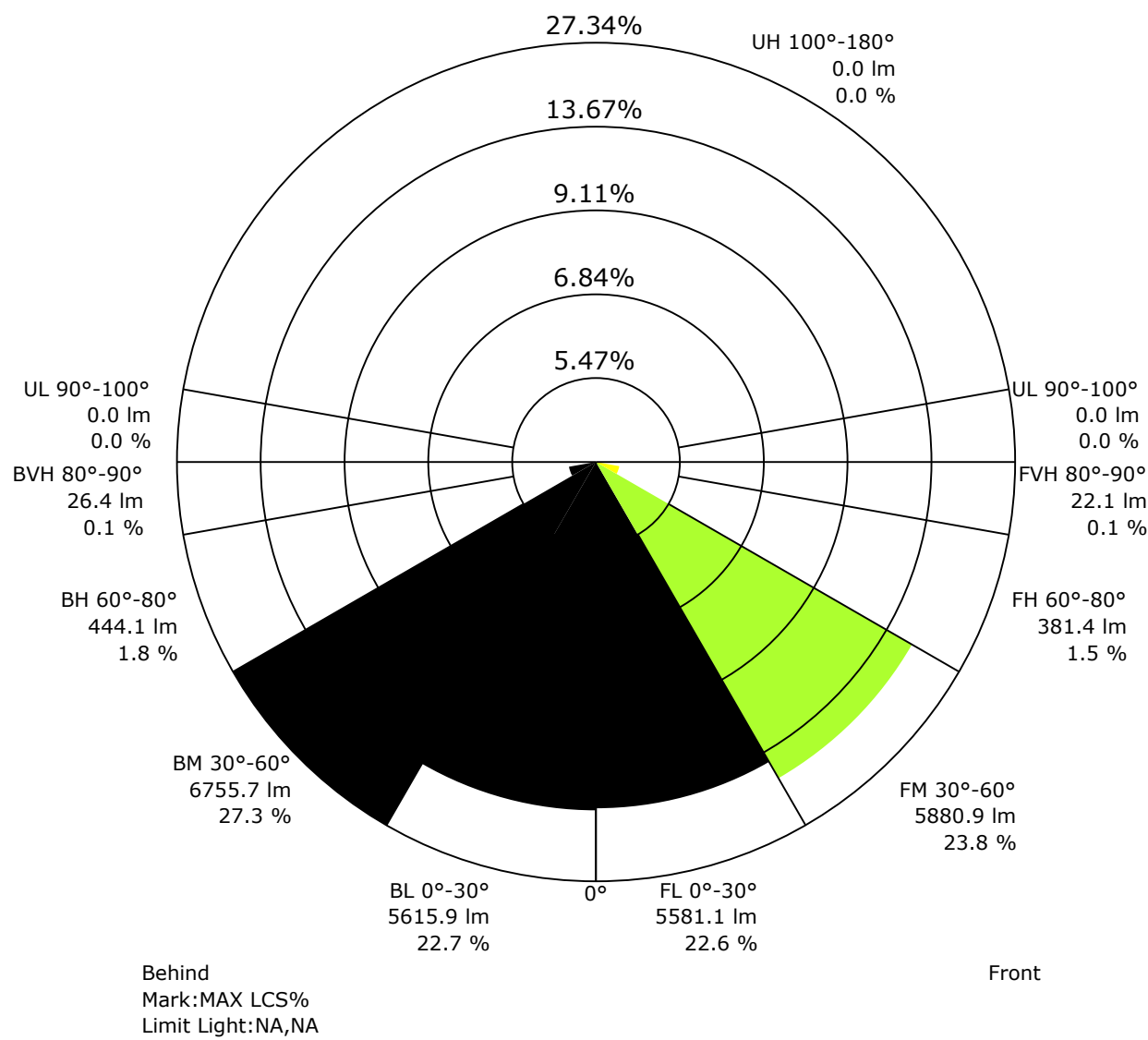
Behind	12842.0	52.0
BL (0°-30°)	5615.9	22.7
BM (30°-60°)	6755.7	27.3
BH (60°-80°)	444.1	1.8
BVH (80°-90°)	26.4	0.1

Above	0.0	0.0
UL (90°-100°)	0.0	0.0
UH (100°-180°)	0.0	0.0

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

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	26.32	26.79	26.33	27.05	27.36	26.33	26.81	26.34	27.06	27.37
3H	25.97	26.41	26.05	26.69	27.05	25.98	26.42	26.06	26.70	27.06
4H	25.79	26.20	25.89	26.50	26.88	25.80	26.21	25.90	26.51	26.89
6H	25.60	25.99	25.74	26.30	26.71	25.61	26.00	25.75	26.31	26.72
8H	25.51	25.88	25.66	26.20	26.62	25.52	25.89	25.67	26.21	26.63
12H	25.41	25.77	25.58	26.10	26.53	25.42	25.78	25.59	26.11	26.54
4H 2H	26.03	26.44	26.13	26.74	27.12	26.06	26.48	26.16	26.77	27.15
3H	25.69	26.05	25.86	26.38	26.81	25.72	26.08	25.89	26.41	26.84
4H	25.50	25.83	25.71	26.18	26.64	25.53	25.86	25.74	26.21	26.67
6H	25.31	25.61	25.56	25.97	26.46	25.34	25.64	25.59	26.00	26.49
8H	25.22	25.49	25.48	25.86	26.37	25.25	25.52	25.51	25.89	26.40
12H	25.12	25.37	25.41	25.75	26.28	25.15	25.40	25.44	25.78	26.31
8H 4H	25.77	26.15	25.93	26.47	26.89	25.81	26.18	25.96	26.50	26.92
6H	25.07	25.30	25.38	25.69	26.23	25.10	25.33	25.41	25.72	26.27
8H	24.98	25.18	25.31	25.58	26.14	25.01	25.22	25.34	25.61	26.18
12H	24.88	25.06	25.23	25.47	26.05	24.92	25.10	25.27	25.50	26.08
12H 4H	25.17	25.42	25.45	25.80	26.33	25.20	25.45	25.49	25.84	26.36
6H	24.98	25.19	25.31	25.59	26.15	25.02	25.23	25.35	25.62	26.18

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	14394.6	13717.8	13760.9	13742.0	13782.9	13756.4	13802.8	13779.2	10	1332.4	1332.4	5.4	5.4
20	13989.9	13232.3	13339.2	13259.2	13353.8	13278.0	13371.6	13289.9	20	3876.3	5208.7	21.1	21.1
30	12986.8	12040.1	12284.4	12056.0	12295.5	12059.5	12299.3	12072.0	30	5988.3	11197.0	45.3	45.3
40	9958.9	8076.2	8880.7	7994.0	8862.2	7982.0	8835.3	7961.5	40	6923.9	18120.9	73.3	73.3
50	2841.2	2162.6	2271.2	1987.2	2275.2	1992.7	2291.1	2035.8	50	4353.6	22474.4	91.0	91.0
60	903.1	746.0	789.3	762.0	802.7	785.2	841.5	821.0	60	1359.1	23833.6	96.5	96.5
70	354.4	298.4	316.0	294.4	323.6	309.6	333.8	314.6	70	599.3	24432.8	98.9	98.9
80	80.2	60.3	66.1	59.3	70.3	63.2	71.4	65.0	80	226.2	24659.0	99.8	99.8
90	28.1	32.7	0.0	20.8	0.0	29.4	0.0	42.1	90	48.4	24707.4	100.0	100.0

Conical surface Flux(90deg) : 20873.6 lm

%lum = 84.5%

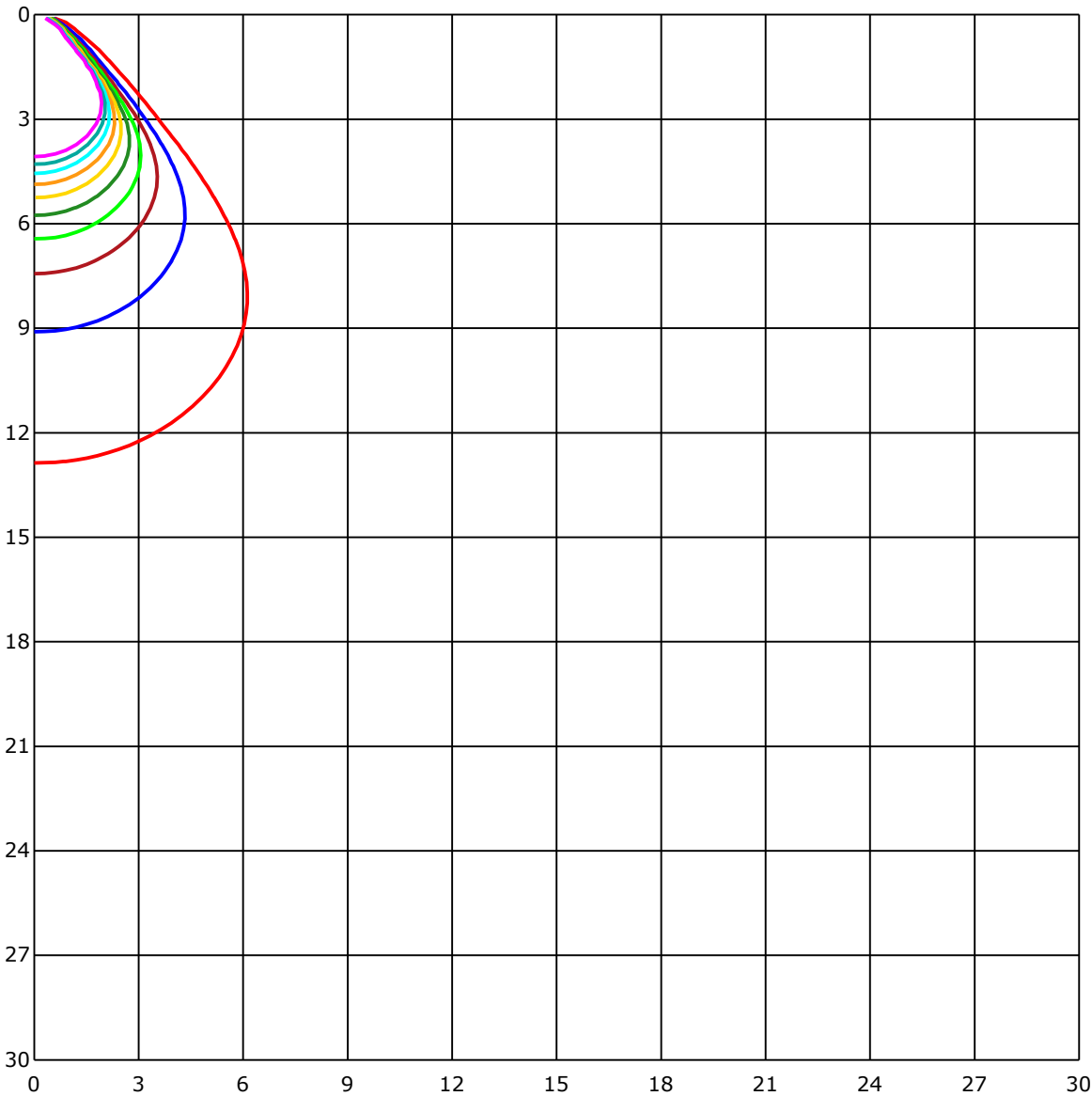
%lamp = 84.5%

Conical surface Flux(120deg) : 23833.5 lm

%lum = 96.5%

%lamp = 96.5%

SPACE ISOLX DIAGRAM



Unit of illumination:lx

- | | |
|---------|---------|
| 873.383 | 436.691 |
| 786.044 | 349.353 |
| 698.706 | 262.015 |
| 611.368 | 174.677 |
| 524.03 | 87.338 |

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/20 16:20:08

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

Gamma\C	C0	C5	C10	C15	C20	C25	C30	C35	C40	C45
G0	14459.28	13824.06	13828.58	13845.72	13851.8	13862.66	13861.94	13873.47	13878.82	13893.53
G1	14451.38	13824.47	13830.97	13846.66	13852.63	13863.81	13874.46	13875.5	13883.86	13894.72
G2	14458.08	13826.39	13832.84	13843.18	13852.12	13862.92	13873.58	13879.34	13885.89	13892.28
G3	14464.58	13823.95	13830.71	13840.89	13855.13	13856.95	13878.3	13871.91	13886.46	13888.85
G4	14466.19	13813.04	13827.9	13833.31	13855.96	13850.04	13875.24	13870.04	13885.94	13883.4
G5	14456.73	13807.84	13831.85	13828.0	13848.84	13848.11	13865.68	13861.47	13878.77	13877.78
G6	14450.29	13796.31	13821.56	13819.69	13843.23	13836.53	13859.44	13855.08	13870.51	13866.04
G7	14439.12	13783.74	13809.3	13809.04	13831.85	13819.17	13849.15	13841.41	13859.29	13846.19
G8	14424.98	13765.24	13799.84	13789.61	13820.42	13804.88	13840.73	13824.26	13847.39	13833.56
G9	14411.68	13742.79	13785.14	13764.04	13802.02	13780.46	13818.76	13797.66	13829.36	13817.25
G10	14394.59	13717.75	13760.87	13742.01	13782.9	13756.35	13802.75	13779.16	13813.72	13785.45
G11	14375.36	13684.18	13737.54	13711.82	13760.25	13728.86	13772.98	13752.04	13788.67	13760.92
G12	14341.95	13657.47	13710.31	13679.61	13735.98	13694.78	13751.83	13714.83	13762.9	13723.41
G13	14311.4	13616.99	13679.87	13642.35	13695.56	13663.97	13720.55	13677.84	13726.11	13687.61
G14	14281.78	13578.49	13644.17	13603.22	13664.69	13615.54	13683.45	13637.36	13693.95	13650.35
G15	14246.03	13536.04	13601.3	13560.15	13625.88	13573.61	13638.92	13594.55	13651.5	13601.77
G16	14201.65	13487.51	13557.39	13507.25	13579.79	13523.41	13596.05	13539.16	13607.07	13547.47
G17	14160.55	13430.56	13514.32	13459.92	13529.49	13471.97	13545.03	13486.05	13559.42	13493.9
G18	14112.08	13371.58	13459.03	13394.7	13478.83	13412.84	13492.91	13426.82	13507.25	13432.22
G19	14054.5	13304.29	13403.07	13331.16	13421.83	13344.56	13435.6	13357.24	13445.83	13370.07
G20	13989.91	13232.33	13339.16	13259.24	13353.81	13277.95	13371.58	13289.9	13381.61	13298.0
G21	13924.24	13158.54	13270.1	13181.35	13285.28	13198.45	13304.81	13214.45	13311.2	13219.23
G22	13851.75	13076.18	13196.01	13105.39	13208.01	13116.09	13222.97	13130.02	13236.02	13134.54
G23	13771.73	12984.79	13122.33	13010.82	13130.69	13019.91	13141.86	13032.75	13152.98	13041.53
G24	13687.61	12885.54	13031.76	12910.64	13036.95	12923.26	13054.93	12938.13	13061.06	12937.71
G25	13597.77	12778.76	12926.02	12800.48	12941.55	12806.46	12963.64	12820.95	12964.05	12825.01
G26	13494.42	12663.1	12824.96	12682.95	12841.37	12691.26	12851.35	12698.9	12855.61	12709.19
G27	13391.01	12522.54	12705.55	12548.06	12721.92	12552.32	12735.79	12569.72	12742.44	12570.71
G28	13260.33	12381.26	12581.62	12400.8	12592.64	12409.42	12604.43	12422.42	12608.12	12423.19
G29	13130.69	12216.6	12440.71	12238.58	12450.06	12242.74	12457.9	12256.3	12465.28	12254.11
G30	12986.81	12040.14	12284.36	12056.04	12295.53	12059.47	12299.27	12072.04	12301.66	12064.67
G31	12818.41	11838.43	12100.05	11848.61	12118.81	11854.17	12117.35	11860.3	12122.96	11861.19
G32	12642.88	11614.79	11905.87	11625.39	11916.37	11622.12	11923.28	11623.83	11928.16	11620.56
G33	12439.51	11354.52	11688.0	11362.57	11696.73	11354.05	11693.35	11359.71	11690.08	11350.46
G34	12210.36	11061.93	11439.89	11060.52	11443.84	11054.65	11438.23	11047.32	11433.29	11037.61
G35	11953.1	10709.32	11151.35	10714.98	11150.47	10697.26	11140.8	10687.18	11137.74	10675.18
G36	11660.41	10324.76	10822.18	10308.6	10815.63	10294.72	10802.38	10287.92	10797.81	10268.43

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	11322.25	9876.18	10435.33	9840.43	10431.8	9822.87	10416.47	9801.77	10402.18	9786.08
G38	10931.87	9327.27	9992.11	9298.01	9984.73	9280.3	9959.48	9265.18	9941.08	9242.78
G39	10473.78	8697.45	9465.54	8681.4	9463.09	8670.28	9428.59	8643.31	9418.35	8628.03
G40	9958.9	8076.21	8880.72	7994.01	8862.17	7981.95	8835.3	7961.53	8821.27	7934.93
G41	9353.82	7356.6	8206.01	7256.11	8188.65	7225.3	8166.88	7206.07	8146.2	7212.26
G42	8667.89	6553.5	7466.81	6468.44	7448.94	6440.85	7431.64	6432.12	7412.36	6430.46
G43	7896.17	5694.28	6684.34	5632.7	6659.66	5624.18	6646.72	5612.96	6632.17	5612.28
G44	7091.66	4844.35	5871.88	4857.34	5852.24	4846.54	5841.74	4854.8	5833.01	4854.02
G45	6249.32	4225.24	5068.46	4149.69	5056.93	4128.59	5051.94	4135.56	5050.59	4135.14
G46	5426.78	3712.91	4325.58	3500.8	4317.37	3487.5	4320.12	3492.23	4323.76	3512.5
G47	4640.41	3249.78	3669.21	2943.79	3663.29	2990.91	3668.74	2999.75	3676.43	3032.74
G48	3944.55	2832.07	3104.55	2551.74	3105.07	2593.93	3114.48	2615.03	3125.13	2638.98
G49	3331.52	2470.73	2639.09	2239.82	2640.33	2260.24	2655.56	2292.61	2667.72	2309.4
G50	2841.16	2162.61	2271.21	1987.19	2275.21	1992.7	2291.11	2035.82	2305.03	2043.1
G51	2434.73	1907.64	1972.79	1777.79	1979.45	1773.79	1995.97	1822.06	2011.92	1826.01
G52	2116.05	1690.54	1738.87	1602.73	1745.78	1590.62	1765.0	1641.28	1782.2	1647.99
G53	1859.88	1508.99	1547.39	1453.91	1554.56	1442.64	1575.87	1489.25	1592.86	1500.32
G54	1653.39	1358.83	1393.74	1322.82	1401.95	1318.14	1421.91	1356.44	1440.98	1369.74
G55	1485.66	1227.89	1260.57	1207.52	1276.31	1208.56	1288.99	1240.82	1312.06	1257.5
G56	1343.81	1096.53	1149.06	1106.71	1162.47	1115.86	1183.87	1138.62	1203.26	1157.79
G57	1211.67	986.48	1031.11	1001.34	1062.49	1027.42	1088.32	1049.04	1106.71	1067.69
G58	1093.88	890.92	934.62	904.01	964.7	936.75	1002.95	967.15	1020.04	984.86
G59	989.85	813.86	855.38	826.7	875.8	859.48	922.41	891.13	940.91	908.43
G60	903.08	746.0	789.28	762.0	802.74	785.23	841.45	820.98	871.59	838.65
G61	834.13	688.06	728.28	700.79	739.61	724.8	769.07	752.39	804.98	776.66
G62	768.45	621.14	671.44	651.8	684.79	671.18	704.22	689.83	744.49	716.59
G63	702.93	560.86	610.18	597.39	630.86	621.71	648.0	628.67	681.31	659.17
G64	637.56	512.96	553.43	542.73	575.0	567.2	596.77	583.31	619.42	601.81
G65	577.39	471.28	505.47	493.0	520.7	509.58	547.72	537.22	562.37	548.5
G66	533.33	432.05	464.01	447.38	476.32	459.75	497.11	491.86	511.35	493.52
G67	476.74	392.46	421.61	404.1	436.11	418.34	448.32	440.63	463.59	449.46
G68	431.48	358.63	381.18	362.58	396.25	379.63	407.74	391.06	421.04	402.49
G69	388.56	329.07	350.42	327.72	357.54	342.68	371.62	350.37	376.66	360.66
G70	354.37	298.41	315.97	294.41	323.61	309.58	333.8	314.62	336.34	318.83
G71	327.04	260.32	276.07	262.92	290.3	278.25	298.72	278.3	301.94	282.72
G72	289.84	225.25	246.35	233.2	255.18	245.57	263.8	248.11	269.94	249.78
G73	247.9	193.81	215.17	208.05	226.86	218.08	231.33	218.65	233.56	220.68

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	13892.33	13908.29	13909.79	13920.5	13926.94	13937.33	13943.57	13952.04	13962.22	13969.39
G1	13896.02	13908.91	13911.87	13914.31	13929.9	13939.88	13942.37	13953.54	13959.67	13971.47
G2	13901.58	13907.87	13915.66	13920.6	13925.64	13938.27	13947.36	13949.28	13959.31	13967.57
G3	13898.72	13908.7	13913.79	13917.64	13929.64	13928.86	13942.53	13950.89	13962.79	13962.79
G4	13897.89	13901.06	13911.04	13909.48	13921.79	13930.47	13943.83	13939.88	13956.45	13952.29
G5	13891.76	13889.79	13902.57	13897.42	13917.95	13920.55	13931.36	13925.54	13945.7	13941.54
G6	13883.66	13878.77	13895.61	13889.89	13910.88	13905.48	13921.95	13915.71	13942.99	13932.29
G7	13875.6	13864.58	13886.41	13870.46	13897.53	13886.62	13914.37	13896.59	13923.35	13915.66
G8	13863.6	13844.53	13869.0	13852.58	13880.9	13866.61	13899.19	13877.84	13910.31	13888.33
G9	13850.19	13830.81	13857.99	13834.14	13866.04	13842.61	13876.49	13852.58	13891.6	13865.05
G10	13831.59	13805.51	13834.08	13804.99	13844.01	13813.04	13855.39	13825.46	13866.51	13834.81
G11	13805.82	13773.86	13813.66	13777.86	13818.18	13786.7	13822.76	13795.74	13841.15	13804.21
G12	13776.51	13741.18	13781.97	13741.23	13790.13	13751.0	13795.32	13756.72	13814.55	13764.87
G13	13739.98	13700.75	13742.84	13698.47	13755.78	13714.0	13769.71	13721.64	13779.32	13727.41
G14	13708.76	13662.77	13714.94	13662.04	13725.8	13666.62	13730.11	13681.27	13730.79	13683.29
G15	13664.02	13615.95	13672.75	13613.98	13677.11	13620.21	13690.36	13629.2	13692.28	13630.87
G16	13620.01	13560.2	13626.45	13565.71	13635.85	13570.8	13637.93	13573.14	13649.67	13579.22
G17	13571.27	13508.97	13576.2	13514.42	13582.39	13517.54	13590.08	13516.6	13589.2	13525.7
G18	13519.36	13444.95	13520.81	13451.19	13531.72	13454.36	13531.83	13452.64	13538.22	13466.31
G19	13461.06	13376.26	13461.79	13385.46	13466.46	13380.88	13472.02	13392.57	13479.3	13386.91
G20	13394.7	13302.58	13402.34	13307.57	13398.81	13314.53	13406.4	13316.55	13411.02	13320.66
G21	13326.58	13231.18	13324.04	13231.91	13328.3	13231.34	13335.78	13236.38	13337.75	13227.65
G22	13246.93	13141.76	13246.15	13139.63	13252.38	13143.53	13258.67	13148.46	13261.17	13149.76
G23	13159.58	13048.75	13166.8	13048.54	13167.01	13048.65	13168.31	13053.74	13176.52	13054.73
G24	13072.86	12946.75	13072.13	12946.39	13075.61	12946.91	13076.6	12952.78	13080.81	12952.0
G25	12970.44	12832.13	12975.28	12829.58	12978.86	12835.66	12979.59	12837.58	12977.04	12837.89
G26	12867.51	12713.14	12868.55	12711.26	12869.17	12707.83	12866.99	12712.46	12870.06	12715.21
G27	12748.94	12576.22	12745.51	12575.08	12749.71	12575.28	12751.48	12584.06	12753.09	12577.83
G28	12618.62	12423.97	12618.1	12426.1	12621.42	12428.91	12620.18	12430.62	12616.96	12430.57
G29	12471.21	12256.09	12473.28	12256.45	12474.43	12258.01	12472.14	12263.52	12480.14	12261.75
G30	12304.98	12070.33	12305.97	12068.93	12309.5	12067.21	12308.2	12070.85	12312.88	12078.75
G31	12128.21	11856.72	12125.1	11852.98	12126.6	11856.04	12127.54	11857.34	12133.25	11868.93
G32	11924.47	11618.95	11918.29	11616.4	11923.9	11614.01	11923.64	11626.69	11929.67	11635.16
G33	11692.57	11341.11	11691.43	11342.05	11695.02	11350.26	11696.83	11348.85	11700.21	11360.29
G34	11435.52	11036.0	11423.99	11022.59	11428.2	11031.74	11431.11	11039.63	11438.12	11049.4
G35	11136.28	10672.43	11124.59	10662.35	11126.3	10668.12	11133.22	10679.29	11140.44	10692.38
G36	10792.51	10256.48	10779.36	10250.71	10780.4	10256.59	10785.13	10267.91	10795.16	10286.88

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	13978.74	13999.79	14006.28	14017.35	14042.13	14052.37	14075.39	14091.34	14117.79	14129.64
G1	13976.35	13998.18	14004.83	14013.92	14036.94	14045.36	14066.35	14074.35	14113.89	14128.86
G2	13984.2	13990.28	13999.06	14009.71	14034.76	14047.18	14066.45	14070.56	14101.01	14121.38
G3	13973.96	13984.2	13999.84	14002.44	14027.74	14034.6	14061.41	14058.76	14104.75	14108.02
G4	13970.38	13975.73	13995.01	13991.89	14021.25	14017.56	14052.27	14051.18	14094.15	14092.69
G5	13958.95	13958.95	13985.65	13980.41	14010.39	14006.13	14038.81	14041.2	14080.53	14073.16
G6	13949.07	13947.05	13972.2	13961.39	13995.21	13990.8	14027.9	14020.88	14063.85	14063.65
G7	13942.58	13931.93	13958.27	13941.75	13980.51	13967.78	14007.89	13999.27	14045.3	14040.63
G8	13921.07	13907.45	13942.27	13920.39	13961.44	13947.41	13997.5	13979.37	14024.37	14016.36
G9	13900.91	13869.05	13917.79	13896.13	13939.56	13922.89	13966.58	13943.67	13994.28	13983.47
G10	13878.35	13845.78	13896.59	13860.48	13915.97	13888.43	13937.17	13919.09	13974.64	13955.88
G11	13847.75	13813.25	13866.61	13827.28	13889.58	13853.26	13909.64	13876.64	13934.68	13917.12
G12	13819.69	13775.58	13833.04	13785.4	13854.4	13811.12	13876.54	13839.96	13905.89	13878.82
G13	13781.92	13733.75	13801.09	13755.88	13814.13	13771.58	13838.03	13790.91	13862.71	13835.85
G14	13748.35	13693.48	13759.57	13707.67	13772.3	13730.11	13796.15	13746.89	13818.6	13778.54
G15	13700.49	13641.16	13712.08	13657.83	13728.81	13676.07	13751.83	13701.64	13773.34	13732.29
G16	13649.16	13587.69	13660.95	13605.77	13680.85	13615.59	13693.58	13641.41	13723.04	13676.12
G17	13604.05	13527.05	13615.23	13545.65	13623.54	13559.68	13639.96	13579.16	13664.48	13613.87
G18	13541.86	13469.58	13557.5	13481.38	13567.99	13496.13	13587.17	13519.25	13607.59	13547.21
G19	13483.09	13400.58	13497.43	13411.9	13506.78	13426.09	13521.54	13451.71	13543.99	13478.99
G20	13417.05	13323.0	13424.17	13334.53	13430.71	13354.64	13450.25	13371.27	13478.05	13405.15
G21	13348.62	13241.37	13353.03	13254.41	13363.37	13271.56	13379.17	13286.63	13404.79	13318.06
G22	13268.13	13153.24	13278.36	13166.65	13287.04	13180.94	13296.65	13194.34	13320.24	13231.81
G23	13181.98	13062.0	13185.98	13073.9	13196.16	13083.62	13210.19	13102.74	13235.34	13135.26
G24	13084.29	12955.74	13096.35	12967.95	13102.58	12983.59	13122.22	12996.84	13143.47	13031.34
G25	12988.11	12838.62	12994.5	12855.3	13006.71	12869.9	13023.29	12887.31	13040.23	12914.69
G26	12876.76	12726.18	12884.61	12732.67	12896.5	12751.53	12912.61	12760.21	12930.9	12796.43
G27	12760.21	12584.48	12765.93	12604.95	12779.7	12615.86	12788.84	12630.67	12810.61	12657.59
G28	12626.0	12441.22	12639.87	12457.23	12646.89	12466.94	12659.56	12483.21	12679.52	12516.78
G29	12485.91	12273.44	12495.94	12284.09	12502.38	12302.38	12520.88	12317.61	12540.73	12353.05
G30	12322.65	12088.46	12327.22	12106.91	12346.6	12120.63	12355.85	12137.62	12379.5	12168.95
G31	12137.31	11878.96	12151.02	11900.1	12166.61	11918.24	12179.34	11935.75	12194.36	11968.02
G32	11936.63	11645.76	11951.34	11665.66	11969.37	11679.32	11984.65	11705.04	12007.04	11741.68
G33	11716.58	11378.68	11730.61	11405.65	11746.04	11422.48	11763.81	11446.23	11787.87	11490.6
G34	11454.64	11077.98	11466.75	11111.65	11492.89	11125.21	11511.7	11155.92	11536.17	11192.71
G35	11157.12	10714.93	11181.17	10749.07	11203.99	10777.34	11226.75	10812.25	11252.41	10850.45
G36	10814.85	10316.39	10840.21	10358.38	10872.42	10386.02	10898.51	10425.56	10926.62	10472.8

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	14167.57	14190.64	14237.56	14273.62	14331.35	14378.79	14459.28	13824.06	13828.58	13845.72
G1	14165.07	14183.62	14235.27	14260.99	14325.22	14368.14	14448.78	13817.15	13819.79	13837.98
G2	14164.97	14181.81	14227.9	14256.16	14321.06	14360.19	14436.21	13814.6	13815.38	13832.79
G3	14153.23	14162.74	14215.37	14243.69	14308.49	14344.24	14429.14	13805.66	13805.4	13823.07
G4	14145.8	14152.5	14208.93	14226.49	14296.48	14328.85	14408.09	13794.23	13796.46	13815.69
G5	14127.87	14131.04	14185.6	14209.14	14281.62	14305.16	14397.55	13784.46	13783.79	13799.48
G6	14116.49	14113.53	14176.92	14185.39	14259.54	14285.47	14384.82	13763.21	13760.77	13781.19
G7	14093.26	14088.22	14154.16	14157.49	14236.68	14264.42	14358.68	13749.23	13749.91	13765.6
G8	14074.09	14062.56	14132.24	14134.68	14216.15	14233.09	14332.54	13724.03	13724.4	13744.14
G9	14046.92	14029.56	14104.9	14102.36	14187.37	14207.01	14309.21	13699.71	13705.01	13724.45
G10	14013.92	14007.42	14075.65	14066.76	14157.64	14167.93	14267.49	13678.98	13677.89	13693.84
G11	13983.58	13963.67	14040.78	14029.87	14123.51	14136.7	14230.13	13648.38	13649.57	13658.46
G12	13945.49	13918.47	14003.84	13988.2	14084.22	14088.59	14202.9	13610.91	13616.52	13630.03
G13	13901.37	13879.45	13955.78	13942.16	14039.85	14041.1	14157.44	13585.35	13572.25	13595.58
G14	13868.95	13824.99	13914.88	13886.31	13992.56	13995.42	14111.71	13541.6	13537.96	13559.0
G15	13814.75	13774.38	13867.76	13836.22	13950.32	13934.53	14065.88	13497.85	13491.46	13506.94
G16	13763.68	13717.02	13815.43	13779.68	13896.54	13885.37	14006.49	13455.08	13442.2	13467.97
G17	13708.65	13654.51	13755.05	13723.82	13838.08	13816.21	13949.9	13405.1	13395.74	13415.96
G18	13639.75	13591.58	13702.31	13655.13	13774.54	13748.61	13886.77	13348.93	13343.11	13359.53
G19	13580.88	13519.57	13628.37	13581.09	13708.55	13677.68	13819.95	13291.41	13281.85	13300.92
G20	13519.88	13444.33	13564.41	13504.45	13634.56	13592.36	13747.57	13225.16	13215.96	13237.26
G21	13439.55	13360.25	13487.87	13419.02	13561.19	13510.06	13671.6	13160.31	13144.77	13166.7
G22	13355.89	13271.56	13402.19	13326.58	13480.7	13415.64	13578.39	13085.07	13072.91	13089.75
G23	13267.97	13171.38	13314.89	13229.52	13386.75	13320.56	13492.18	13005.31	12992.01	13014.82
G24	13175.95	13067.87	13213.1	13129.96	13287.98	13216.43	13396.0	12923.73	12898.06	12930.59
G25	13070.1	12954.49	13115.36	13011.34	13183.17	13099.46	13290.89	12829.74	12818.04	12839.97
G26	12962.08	12831.55	13003.85	12884.76	13071.04	12972.16	13173.82	12732.0	12717.24	12745.45
G27	12842.31	12702.02	12882.99	12750.29	12954.8	12836.7	13045.37	12629.89	12606.25	12637.17
G28	12716.51	12554.45	12752.05	12609.73	12815.34	12685.29	12912.61	12513.19	12494.74	12519.37
G29	12569.93	12388.8	12604.69	12442.16	12669.49	12516.72	12760.37	12389.47	12364.43	12395.5
G30	12407.66	12208.23	12449.7	12257.39	12509.71	12338.96	12601.52	12249.07	12221.9	12259.05
G31	12238.11	12005.38	12270.12	12054.32	12328.52	12124.37	12429.69	12103.64	12078.64	12118.03
G32	12036.66	11776.65	12075.47	11831.57	12138.97	11912.63	12225.07	11937.21	11911.22	11954.77
G33	11820.55	11526.51	11856.61	11577.64	11921.93	11652.2	12005.38	11765.27	11734.56	11780.49
G34	11569.22	11233.71	11607.46	11287.23	11671.84	11365.01	11757.84	11566.57	11534.14	11582.16
G35	11287.85	10897.99	11336.07	10955.67	11394.84	11036.0	11484.0	11353.06	11307.18	11365.17
G36	10970.16	10520.03	11014.12	10576.87	11078.55	10650.81	11165.9	11103.03	11059.07	11114.72

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	13851.8	13862.66	13861.94	13873.47	13878.82	13893.53	13892.33	13908.29	13909.79	13920.5
G1	13838.92	13855.65	13860.22	13866.2	13870.51	13886.72	13884.43	13905.84	13901.63	13919.98
G2	13834.76	13854.04	13848.74	13864.53	13866.51	13874.87	13881.11	13894.57	13896.49	13906.26
G3	13829.3	13846.81	13839.59	13850.82	13856.53	13867.13	13871.6	13889.53	13879.65	13903.92
G4	13820.37	13827.23	13825.61	13840.69	13845.2	13862.71	13853.21	13876.59	13870.3	13894.41
G5	13802.39	13809.4	13815.48	13830.4	13829.1	13844.16	13842.29	13865.47	13860.06	13879.08
G6	13787.27	13796.31	13793.29	13816.31	13810.81	13829.04	13833.25	13848.01	13850.66	13866.51
G7	13769.08	13778.07	13771.0	13798.96	13797.61	13812.73	13821.41	13831.69	13830.65	13851.13
G8	13749.18	13752.77	13755.1	13778.54	13776.25	13792.31	13799.22	13808.62	13810.44	13824.68
G9	13727.41	13732.81	13733.75	13748.66	13754.95	13769.71	13772.04	13786.28	13788.98	13802.86
G10	13692.91	13707.25	13708.55	13722.58	13727.04	13741.96	13751.73	13758.32	13763.94	13778.59
G11	13660.64	13674.56	13674.72	13692.91	13694.57	13713.9	13722.58	13732.97	13736.29	13753.08
G12	13634.04	13639.28	13641.62	13664.33	13662.3	13683.66	13690.52	13700.65	13706.63	13722.84
G13	13599.64	13604.16	13604.26	13627.02	13624.16	13647.34	13653.52	13664.85	13665.11	13683.4
G14	13551.37	13564.36	13566.17	13592.31	13588.52	13607.02	13611.9	13625.15	13622.97	13650.4
G15	13510.11	13518.32	13524.09	13541.18	13546.33	13565.55	13573.86	13584.52	13580.67	13606.76
G16	13463.86	13473.37	13473.58	13498.31	13496.29	13513.59	13525.64	13537.39	13536.92	13562.64
G17	13416.32	13422.24	13426.14	13441.37	13447.03	13464.18	13470.41	13482.62	13486.1	13506.06
G18	13354.17	13372.21	13371.48	13391.59	13384.83	13405.36	13411.13	13428.06	13427.75	13452.12
G19	13298.63	13310.74	13306.21	13322.27	13321.08	13343.05	13351.73	13367.48	13368.41	13392.0
G20	13228.12	13243.19	13239.71	13259.66	13256.8	13282.73	13289.59	13309.02	13302.94	13326.06
G21	13158.08	13176.94	13172.05	13191.49	13190.6	13216.84	13215.91	13237.68	13235.13	13253.68
G22	13085.07	13108.97	13097.28	13118.12	13111.99	13139.84	13140.46	13159.89	13158.54	13189.1
G23	13011.13	13022.98	13017.21	13038.67	13029.58	13056.7	13059.87	13082.11	13075.82	13103.72
G24	12921.24	12938.07	12930.07	12951.01	12947.48	12976.21	12971.59	12996.79	12986.24	13019.75
G25	12826.51	12844.54	12832.7	12864.08	12851.82	12885.64	12877.28	12906.27	12892.19	12929.45
G26	12732.83	12750.29	12733.56	12767.17	12749.66	12783.7	12775.07	12806.98	12795.86	12825.99
G27	12622.83	12646.05	12626.67	12663.25	12646.83	12678.58	12672.76	12699.0	12685.29	12719.47
G28	12505.14	12533.2	12514.02	12547.38	12531.01	12564.32	12554.81	12590.71	12566.61	12608.64
G29	12377.73	12401.06	12387.86	12420.28	12399.14	12437.38	12426.26	12459.52	12445.49	12477.54
G30	12239.62	12270.43	12247.0	12283.21	12263.62	12300.31	12279.37	12320.42	12302.59	12339.38
G31	12088.05	12124.73	12095.68	12135.8	12112.37	12154.19	12131.9	12170.92	12143.85	12191.24
G32	11927.33	11960.22	11935.49	11978.77	11951.7	11998.47	11970.93	12009.85	11980.13	12027.67
G33	11744.22	11788.49	11755.6	11801.64	11766.31	11820.92	11783.5	11834.06	11795.87	11843.21
G34	11549.11	11585.43	11551.92	11603.46	11569.79	11616.24	11583.87	11630.12	11592.96	11645.08
G35	11319.24	11371.92	11324.22	11387.05	11339.03	11399.26	11353.43	11409.49	11361.27	11420.09
G36	11063.48	11118.3	11070.29	11138.2	11087.44	11154.73	11101.0	11161.79	11105.26	11165.8

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	13926.94	13937.33	13943.57	13952.04	13962.22	13969.39	13978.74	13999.79	14006.28	14017.35
G1	13921.79	13935.46	13939.88	13948.24	13956.61	13966.53	13982.12	13995.63	14000.93	14022.08
G2	13913.74	13923.87	13939.62	13945.28	13953.65	13963.42	13974.85	13992.2	13999.68	14023.01
G3	13903.87	13921.79	13934.37	13934.06	13942.16	13958.43	13969.81	13985.24	13995.47	14016.31
G4	13895.97	13911.35	13920.75	13925.48	13930.16	13953.59	13957.39	13980.46	13993.86	14004.46
G5	13882.82	13898.05	13904.49	13919.14	13925.33	13941.8	13946.84	13969.29	13986.59	13999.06
G6	13869.57	13885.21	13897.89	13901.89	13908.8	13925.74	13936.34	13963.67	13968.61	13992.77
G7	13853.0	13864.33	13877.89	13889.37	13896.13	13915.3	13924.91	13945.07	13959.99	13972.82
G8	13832.37	13849.57	13857.47	13875.03	13880.43	13894.88	13903.92	13919.04	13940.66	13956.14
G9	13811.95	13830.24	13839.54	13848.22	13853.83	13875.76	13885.99	13904.39	13921.59	13942.94
G10	13787.01	13805.04	13809.61	13826.5	13832.0	13846.97	13865.73	13888.7	13898.72	13918.31
G11	13756.82	13775.16	13778.02	13801.92	13803.12	13825.36	13836.73	13865.05	13872.74	13891.66
G12	13724.24	13741.07	13749.65	13770.64	13771.99	13795.58	13808.16	13822.24	13845.93	13861.52
G13	13694.52	13710.37	13713.38	13727.2	13744.35	13767.57	13772.77	13798.75	13812.63	13829.46
G14	13648.74	13669.52	13673.21	13698.67	13703.51	13729.64	13736.09	13759.31	13776.46	13797.76
G15	13606.03	13630.81	13628.58	13657.78	13659.44	13683.55	13692.96	13718.63	13736.24	13761.7
G16	13553.6	13583.01	13587.58	13603.17	13613.04	13644.53	13647.54	13682.36	13688.44	13716.91
G17	13507.3	13536.25	13535.99	13566.23	13566.59	13590.91	13601.4	13622.86	13639.7	13667.81
G18	13448.28	13478.88	13483.04	13504.29	13513.59	13541.08	13544.61	13572.31	13584.93	13616.37
G19	13392.47	13419.59	13423.18	13444.28	13455.55	13482.83	13488.86	13517.7	13533.49	13560.15
G20	13328.66	13353.5	13361.45	13385.14	13392.31	13422.71	13426.87	13457.37	13465.89	13496.18
G21	13257.06	13289.54	13290.89	13320.3	13324.87	13356.36	13355.42	13391.01	13393.61	13431.7
G22	13179.28	13211.08	13209.26	13242.72	13247.14	13280.75	13281.9	13317.23	13323.62	13363.43
G23	13097.49	13133.08	13128.35	13161.24	13170.6	13202.24	13203.8	13243.65	13245.94	13278.52
G24	13015.18	13051.97	13049.89	13080.29	13083.82	13117.39	13117.6	13152.72	13163.32	13196.27
G25	12921.6	12955.95	12957.35	12989.25	12989.57	13028.69	13025.0	13062.52	13066.88	13112.3
G26	12816.9	12855.25	12855.46	12890.42	12882.37	12922.43	12923.63	12962.86	12967.43	13008.38
G27	12708.82	12749.82	12744.05	12780.32	12777.2	12814.87	12814.3	12860.34	12856.29	12903.73
G28	12593.52	12635.25	12624.23	12669.54	12659.62	12703.21	12694.69	12739.22	12740.47	12787.39
G29	12459.41	12504.62	12500.1	12536.62	12526.65	12571.75	12560.73	12609.42	12614.77	12653.64
G30	12322.44	12363.08	12351.44	12395.97	12382.51	12427.97	12417.89	12469.02	12462.58	12517.45
G31	12171.5	12213.48	12197.01	12246.16	12225.17	12276.56	12263.26	12314.75	12306.96	12359.07
G32	12001.32	12043.46	12025.38	12079.06	12054.64	12104.36	12090.54	12146.5	12137.72	12193.68
G33	11812.45	11864.15	11834.89	11893.66	11865.45	11923.85	11904.37	11959.08	11945.83	12009.38
G34	11610.06	11655.99	11633.44	11685.97	11657.71	11714.71	11691.43	11752.8	11735.18	11797.01
G35	11375.14	11439.16	11396.29	11458.85	11418.53	11487.17	11455.32	11521.1	11500.16	11568.02
G36	11118.2	11182.68	11137.63	11198.69	11154.99	11224.62	11186.11	11259.17	11228.93	11304.27

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	14042.13	14052.37	14075.39	14091.34	14117.79	14129.64	14167.57	14190.64	14237.56	14273.62
G1	14040.99	14052.94	14064.95	14089.89	14117.01	14137.33	14171.73	14198.69	14242.18	14280.17
G2	14035.9	14055.91	14067.08	14084.59	14118.0	14135.15	14173.13	14206.9	14238.39	14274.92
G3	14032.0	14053.88	14063.96	14087.81	14113.74	14138.89	14165.59	14200.98	14249.72	14279.13
G4	14029.72	14037.1	14061.83	14081.16	14108.54	14138.26	14164.92	14205.71	14241.72	14277.83
G5	14016.1	14031.59	14055.02	14081.83	14103.14	14132.86	14165.23	14196.72	14235.01	14272.95
G6	14010.65	14025.35	14042.45	14071.18	14099.4	14118.67	14155.15	14192.41	14233.3	14269.31
G7	13991.37	14009.24	14033.82	14060.53	14086.35	14112.08	14139.98	14182.06	14215.79	14259.49
G8	13975.73	13998.7	14016.88	14042.19	14067.02	14099.76	14131.82	14170.43	14205.5	14251.54
G9	13957.33	13981.5	13991.79	14024.31	14051.18	14085.57	14104.96	14152.55	14192.25	14234.34
G10	13941.49	13957.02	13973.03	14006.18	14027.53	14068.74	14089.26	14140.08	14167.31	14211.94
G11	13913.01	13937.02	13950.53	13978.9	14010.96	14046.24	14065.83	14112.28	14153.17	14193.55
G12	13886.51	13904.85	13922.57	13954.94	13978.79	14017.77	14044.06	14084.64	14122.1	14163.52
G13	13855.7	13878.15	13892.44	13928.76	13947.26	13988.93	14007.89	14053.83	14092.17	14134.36
G14	13817.04	13842.66	13856.95	13889.21	13908.02	13959.05	13979.37	14024.68	14058.29	14100.28
G15	13773.86	13805.71	13816.83	13849.0	13876.07	13917.12	13943.57	13978.38	14026.44	14062.3
G16	13736.61	13760.4	13780.56	13814.75	13836.01	13871.55	13893.32	13944.03	13973.5	14022.13
G17	13687.76	13710.0	13726.16	13767.21	13783.63	13828.21	13849.98	13896.54	13928.34	13981.5
G18	13634.76	13666.2	13671.55	13716.39	13731.93	13775.84	13800.05	13848.48	13883.19	13930.83
G19	13572.88	13605.25	13619.33	13656.22	13672.12	13724.29	13740.56	13794.08	13823.8	13876.17
G20	13509.48	13542.53	13561.03	13603.48	13612.21	13661.06	13688.91	13732.14	13762.27	13817.15
G21	13449.83	13481.69	13487.97	13535.1	13544.56	13594.39	13619.33	13665.06	13698.21	13759.21
G22	13373.56	13409.36	13421.41	13461.73	13477.43	13523.1	13545.7	13596.36	13623.69	13679.08
G23	13292.19	13337.91	13337.23	13386.7	13399.02	13444.28	13470.72	13519.15	13548.35	13602.5
G24	13214.92	13247.92	13258.46	13303.46	13317.39	13362.38	13388.83	13435.44	13467.55	13525.07
G25	13123.52	13161.45	13163.69	13219.7	13226.51	13274.31	13298.21	13347.37	13376.78	13430.09
G26	13019.81	13056.39	13067.71	13120.3	13128.82	13176.31	13195.85	13247.66	13277.9	13334.43
G27	12910.43	12950.49	12954.49	13011.29	13016.33	13067.2	13086.63	13144.62	13164.99	13233.31
G28	12792.01	12839.92	12840.91	12891.36	12903.0	12956.73	12969.3	13024.9	13046.0	13107.36
G29	12660.71	12709.81	12717.71	12767.69	12771.49	12829.42	12838.2	12899.78	12910.9	12981.62
G30	12520.0	12565.31	12570.09	12627.09	12632.08	12682.84	12694.01	12756.37	12769.93	12836.33
G31	12362.76	12413.69	12415.19	12471.52	12475.83	12529.25	12537.92	12608.33	12615.14	12684.45
G32	12193.06	12236.34	12243.46	12310.13	12304.72	12362.71	12365.57	12428.39	12436.29	12503.37
G33	11998.78	12054.74	12043.67	12119.38	12112.42	12172.38	12170.09	12240.5	12238.99	12320.16
G34	11786.1	11844.04	11837.08	11911.38	11894.86	11960.69	11956.74	12026.94	12018.32	12099.58
G35	11546.46	11616.61	11598.06	11677.56	11655.47	11728.43	11706.24	11794.1	11768.02	11854.95
G36	11277.72	11350.98	11327.6	11409.91	11380.55	11454.49	11430.95	11516.38	11488.73	11581.43

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/20 16:20:08

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	14331.35	14378.79	14459.28							
G1	14333.38	14392.77	14451.38							
G2	14334.93	14388.3	14458.08							
G3	14329.12	14390.22	14464.58							
G4	14336.13	14393.6	14466.19							
G5	14330.98	14389.6	14456.73							
G6	14320.85	14379.72	14450.29							
G7	14311.24	14373.18	14439.12							
G8	14300.9	14357.07	14424.98							
G9	14283.6	14343.35	14411.68							
G10	14265.93	14328.49	14394.59							
G11	14243.22	14304.22	14375.36							
G12	14215.27	14278.97	14341.95							
G13	14186.17	14247.95	14311.4							
G14	14155.31	14216.88	14281.78							
G15	14119.3	14181.23	14246.03							
G16	14075.08	14137.85	14201.65							
G17	14029.4	14097.63	14160.55							
G18	13981.29	14037.82	14112.08							
G19	13919.04	13984.77	14054.5							
G20	13864.22	13927.98	13989.91							
G21	13790.75	13856.95	13924.24							
G22	13720.76	13786.44	13851.75							
G23	13645.78	13710.68	13771.73							
G24	13554.95	13622.45	13687.61							
G25	13473.63	13540.3	13597.77							
G26	13364.1	13437.21	13494.42							
G27	13262.78	13328.4	13391.01							
G28	13140.36	13209.83	13260.33							
G29	13009.78	13079.61	13130.69							
G30	12861.79	12934.23	12986.81							
G31	12702.43	12777.1	12818.41							
G32	12527.43	12599.34	12642.88							
G33	12323.84	12411.3	12439.51							
G34	12106.44	12187.81	12210.36							
G35	11856.04	11943.49	11953.1							
G36	11563.87	11656.31	11660.41							

