

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: GZAILITELED
Luminaire Type: KUPU-FG300
Lamp Type:
Luminous Width: 290 mm
Luminous Length: 293 mm
Luminous Height: 0.7 mm

Voltage(V): 223.65 V
Current(A): 1.3610 A
Power(W): 298.95 W
Power Factor: 0.9720
Lamp Luminous Flux: 48686.58

Photometric Results

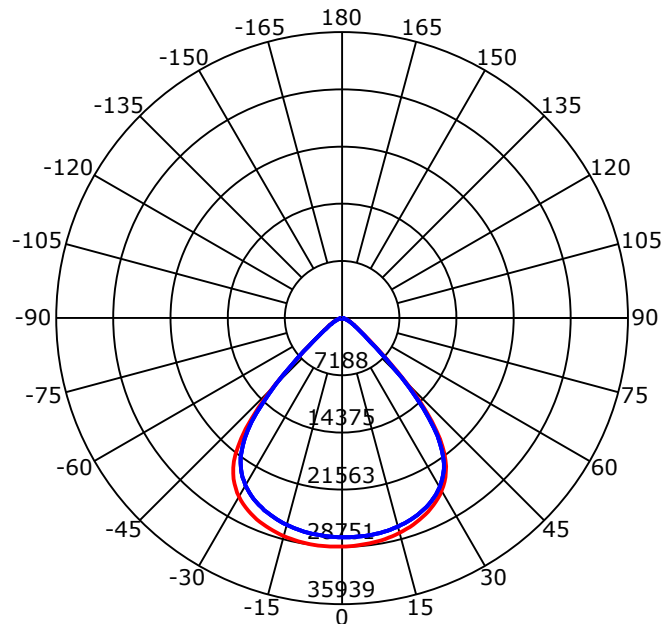
CIE Class: Direct
Luminaire Luminous Flux: 48686.58 lm
Downward Ratio: 0.00%
Luminaire Efficacy Rating(LER): 162.86 lm/W
Beam Angle(50%) C0-180,C90-270: 86.6,86.6
Field Angle(10%) C0-180,C90-270: 109.6,109.2
S/MH C0-180,C90-270: 1.299,1.250

Max. Intensity: 28750.85 cd
Max.Intensity Angle: C=180 Gamma=4
Upward Ratio: 100.00%
Efficacy: 100.00%
Center Intensity: 28715.01 cd
Effective Luminous Flux: 45823.07 lm
ERP(ϕ use)(120deg): 46948.04 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



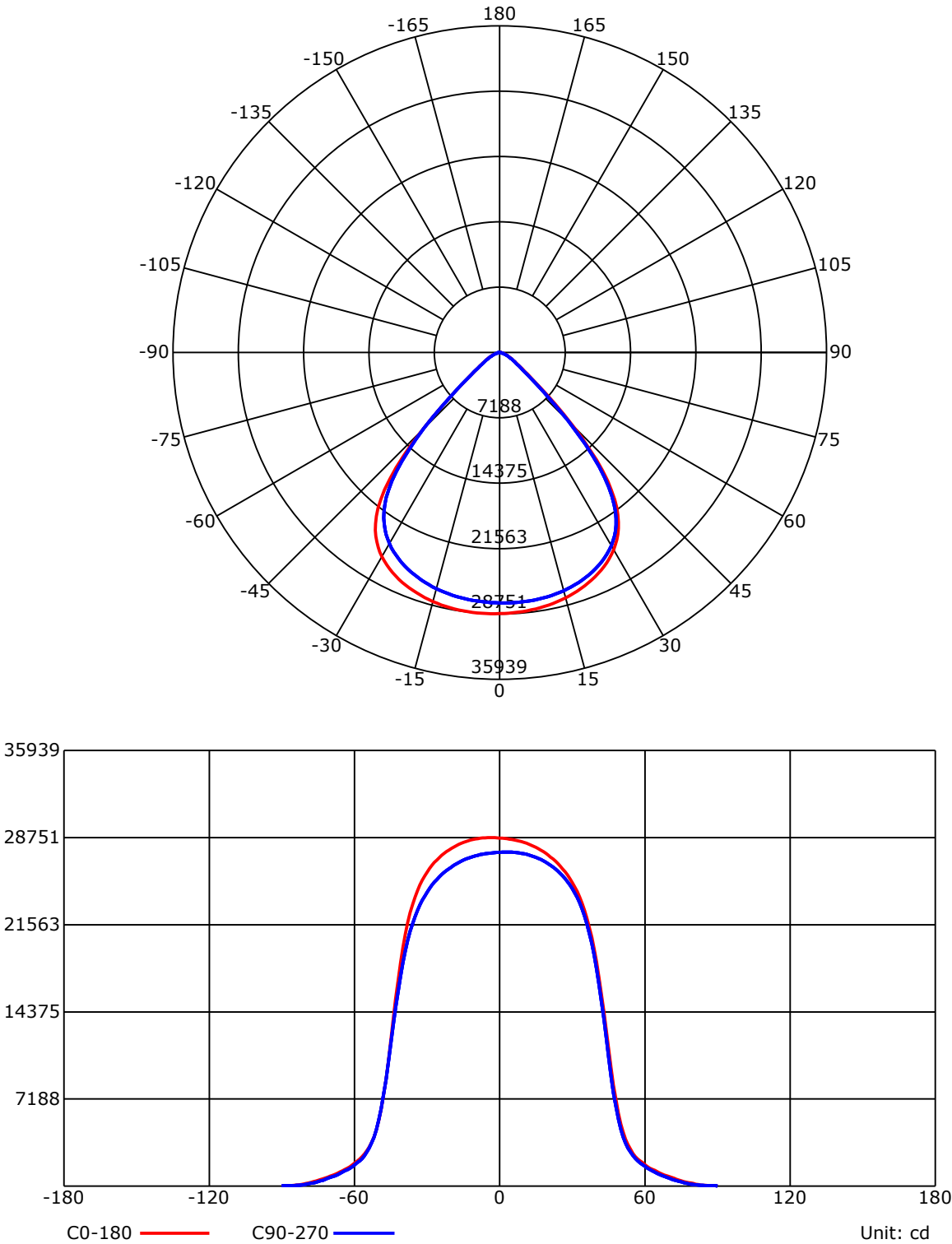
Beam Angle(50%) C0-180,C90-270: 86.6 deg,86.6 deg

C0-180 — C90-270 —

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/22 11:32:18

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

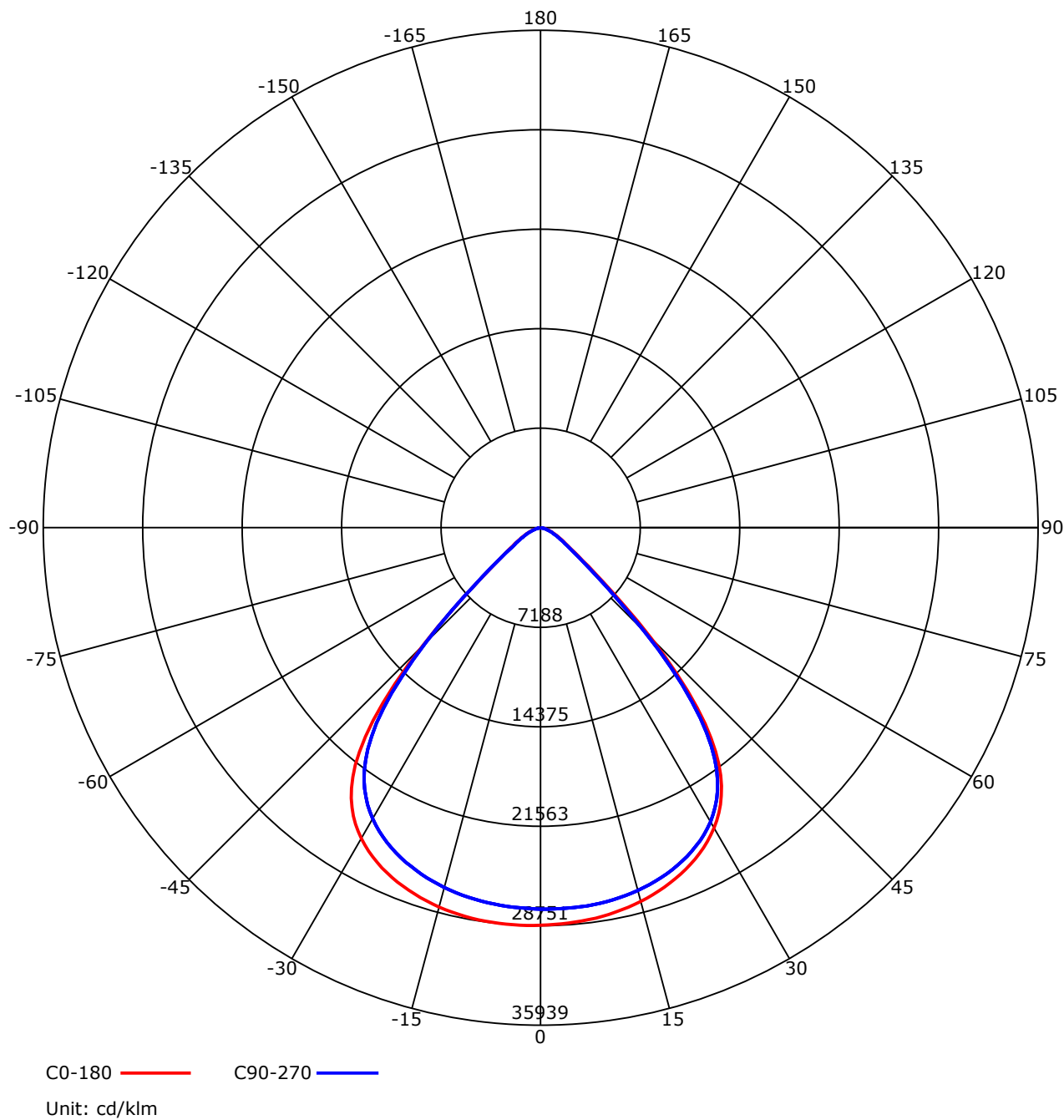
Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg
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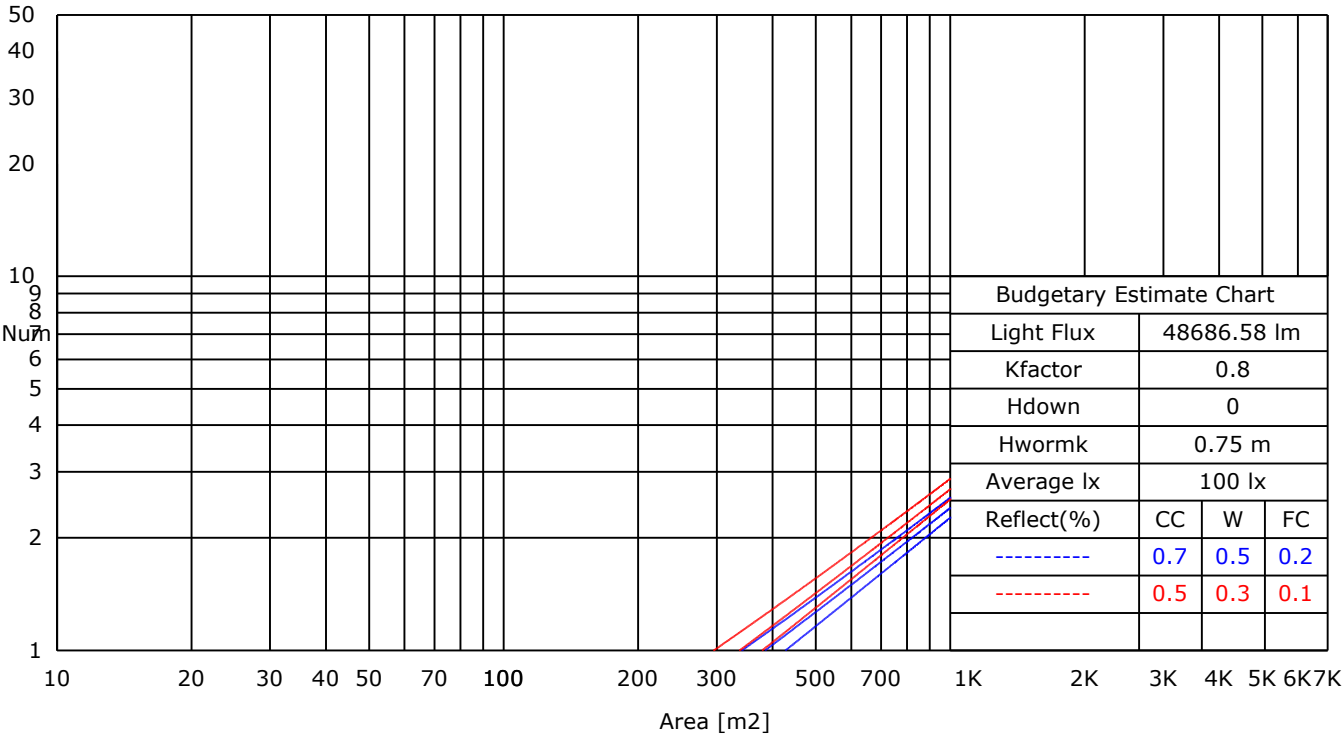
Luminous Intensity Distribution Curve



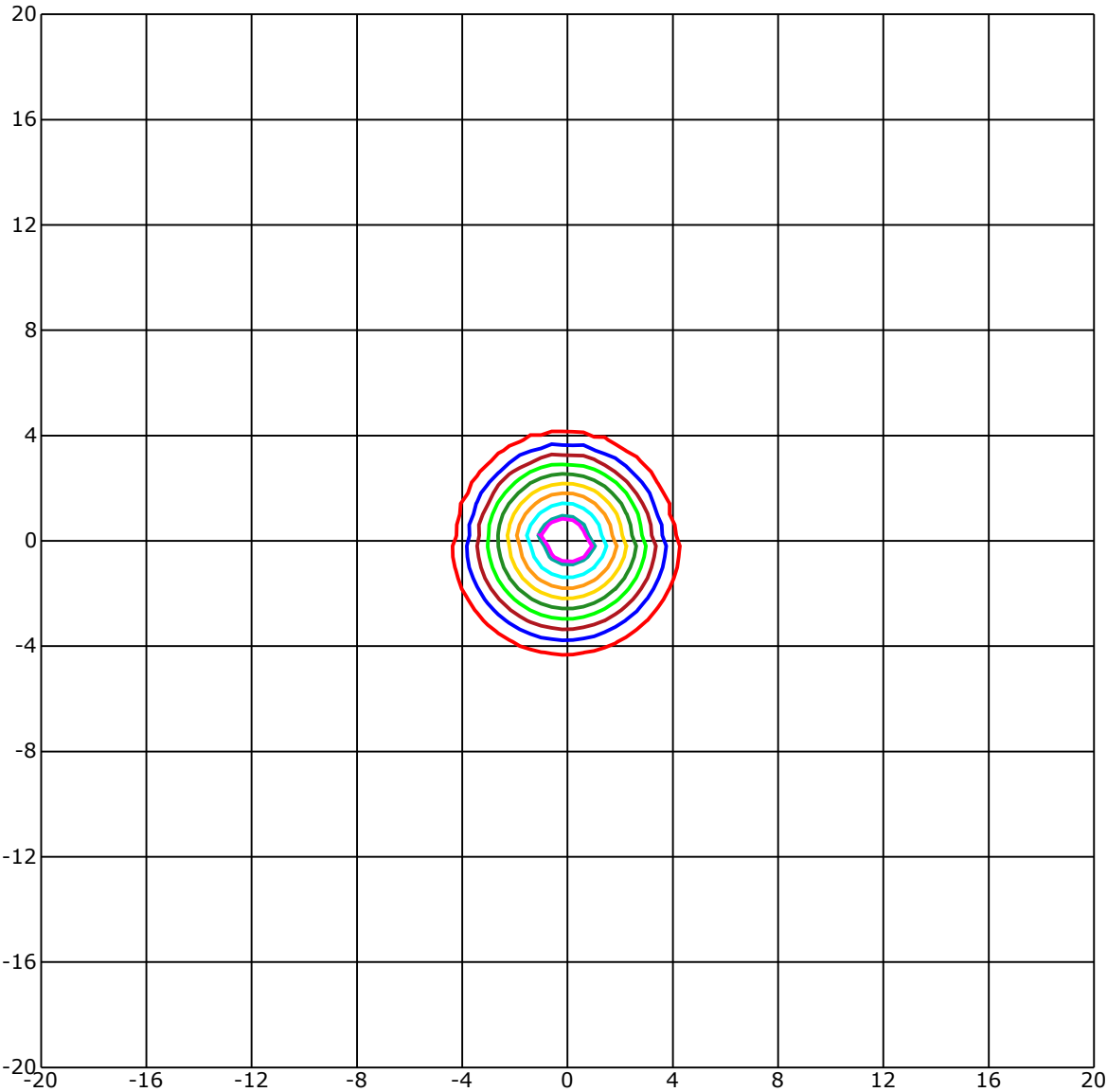
UTILIZATION FACTORS TABLE

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	0.92	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	0.81	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	0.66	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	0.68	0.65	0.64	0.67	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	0.54	0.60	0.55	0.52	0.59	0.53	0.49	0.46
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	0.42
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	0.45	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)

- 1651.476(92%Emax)

1615.574(90%Emax)

1436.066(80%Emax)

1256.558(70%Emax)

1077.05(60%Emax)

897.541(50%Emax)

718.033(40%Emax)

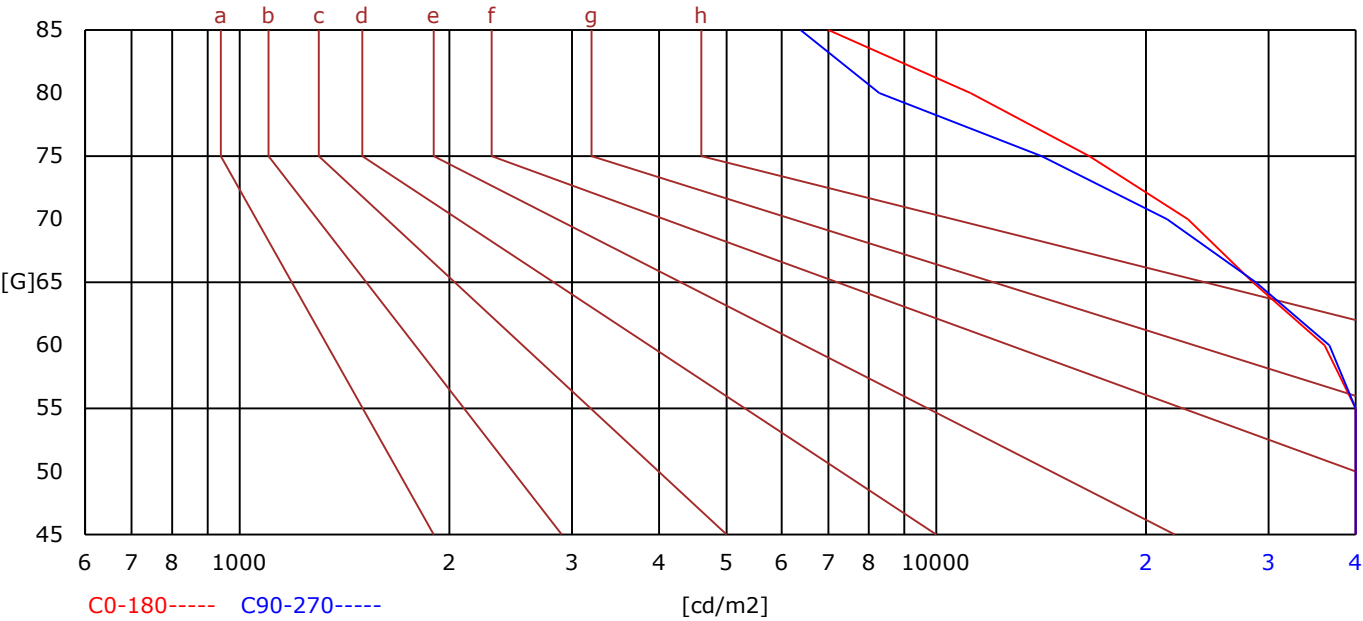
538.525(30%Emax)

359.017(20%Emax)

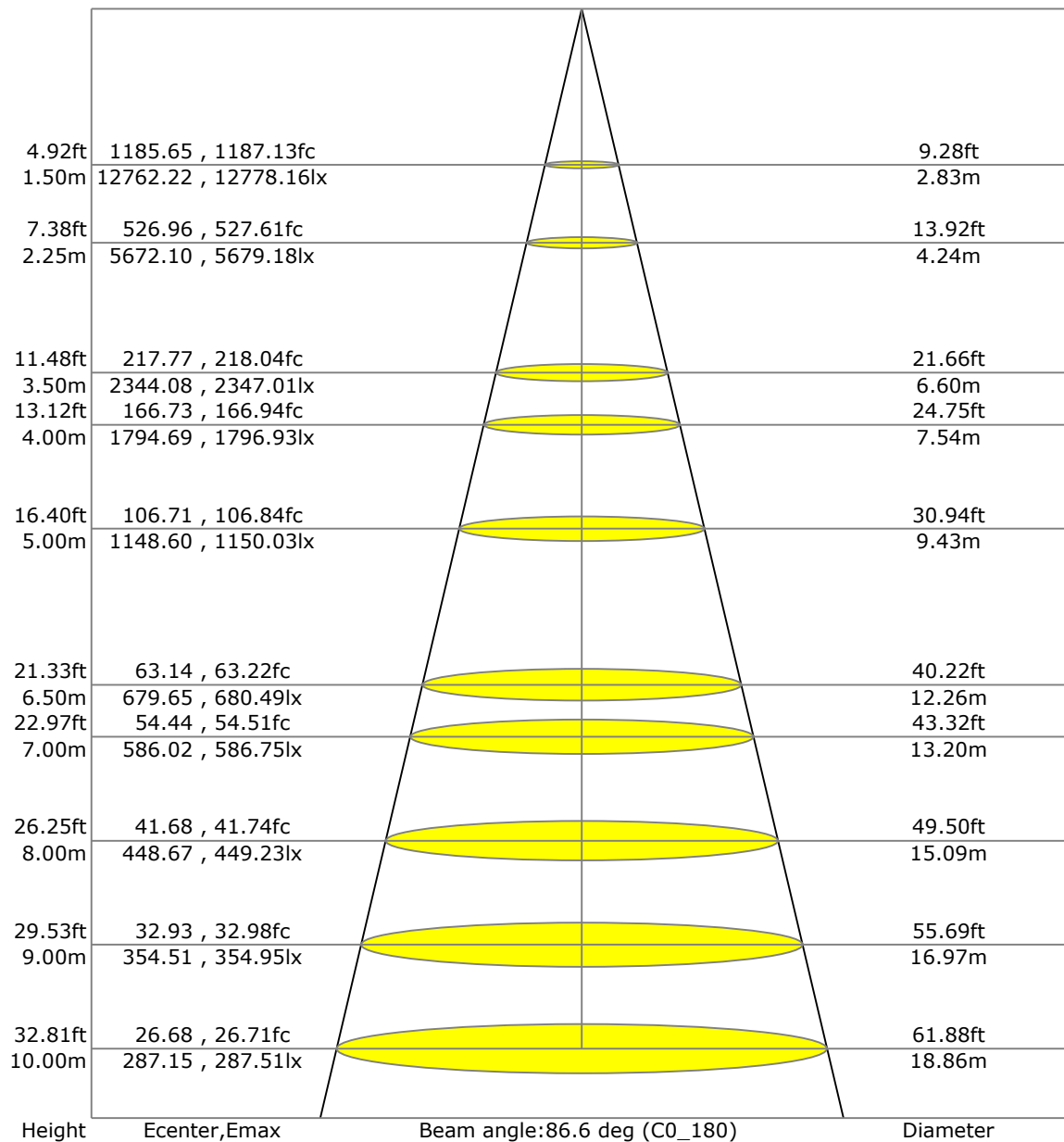
179.508(10%Emax)

BRIGHT LIMIT DIAGRAM

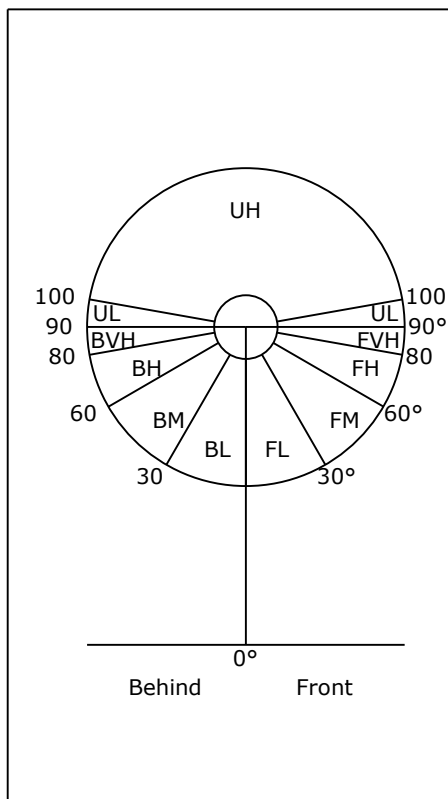
C/G	45	50	55	60	65	70	75	80	85
C0	127930	65188	45700	36099	28468	22963	16591	11198	7002
C90	146442	73265	48157	36654	28750	21433	14167	8282	6389
Dazzle	Quality	Illuminance	---	---	---	---	---	---	---
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
---	---	a	b	c	d	e	f	g	h



LX-DISTANCE DIAGRAM



BUG Class



Zonal	Light Flux(lm)	Light Flux(%)
Front	23713.0	48.7
FL (0°-30°)	11075.0	22.7
FM (30°-60°)	11821.3	24.3
FH (60°-80°)	775.9	1.6
FVH (80°-90°)	40.8	0.1

Behind	24973.7	51.3
BL (0°-30°)	11068.6	22.7
BM (30°-60°)	12983.2	26.7
BH (60°-80°)	871.2	1.8
BVH (80°-90°)	50.6	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 G2
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 11:32:18

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

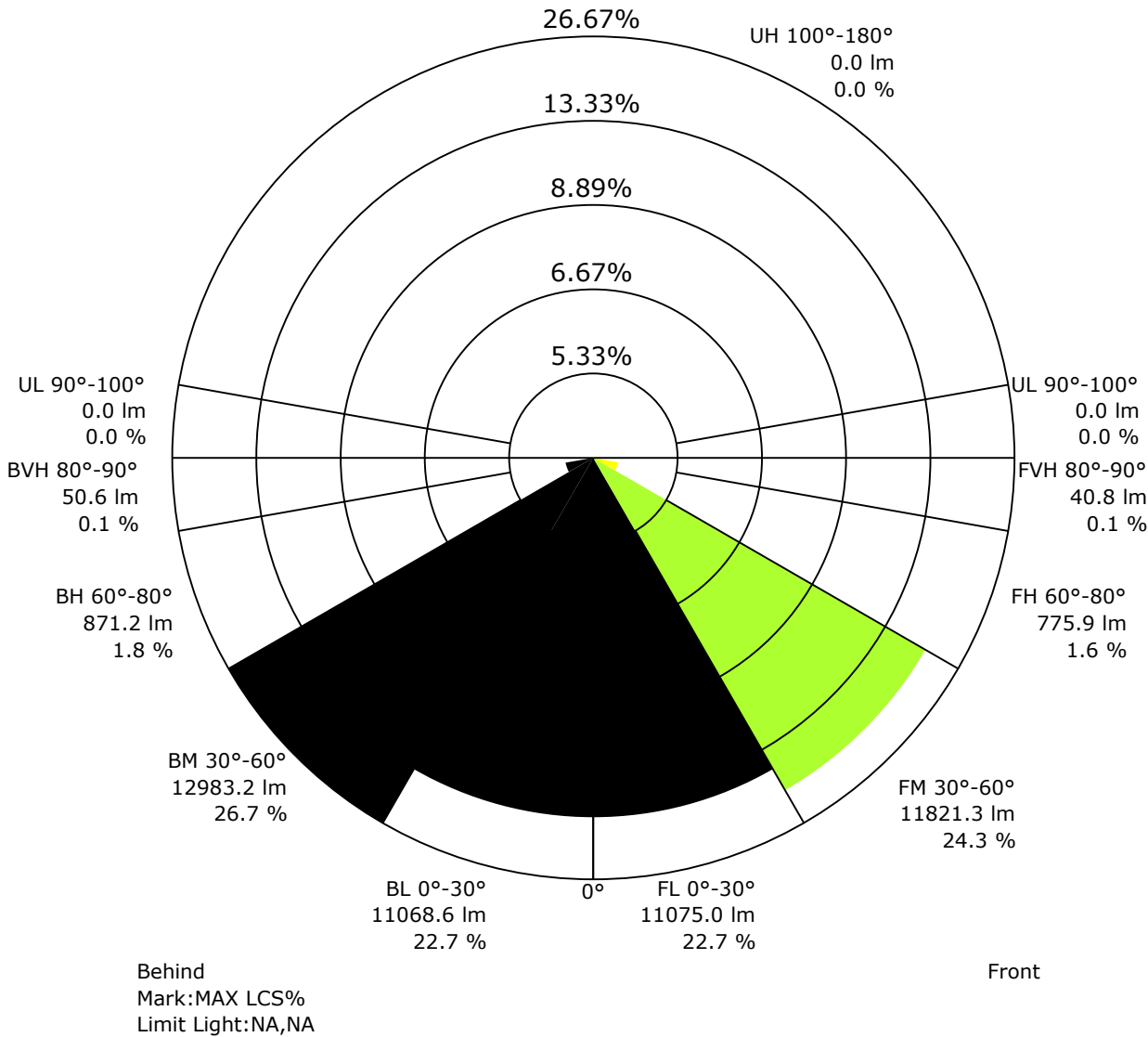
Test System: Huipu CPM-1600B Goniophotometer

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	26.28	26.75	26.29	27.01	27.32	26.44	26.92	26.46	27.17	27.49
3H	25.94	26.37	26.01	26.65	27.01	26.10	26.54	26.18	26.82	27.18
4H	25.75	26.17	25.86	26.46	26.85	25.92	26.33	26.02	26.63	27.01
6H	25.57	25.95	25.70	26.27	26.67	25.73	26.12	25.87	26.43	26.84
8H	25.47	25.84	25.63	26.17	26.59	25.64	26.01	25.79	26.33	26.75
12H	25.37	25.73	25.55	26.06	26.50	25.54	25.90	25.71	26.23	26.67
4H 2H	26.08	26.49	26.18	26.79	27.17	26.18	26.59	26.29	26.89	27.27
3H	25.74	26.10	25.92	26.43	26.87	25.85	26.21	26.02	26.54	26.97
4H	25.56	25.89	25.77	26.24	26.70	25.67	25.99	25.87	26.34	26.80
6H	25.37	25.66	25.62	26.03	26.52	25.48	25.77	25.72	26.13	26.63
8H	25.27	25.55	25.54	25.92	26.43	25.38	25.65	25.65	26.03	26.54
12H	25.18	25.43	25.47	25.81	26.34	25.28	25.54	25.57	25.92	26.44
8H 4H	25.85	26.22	26.00	26.55	26.97	25.93	26.30	26.08	26.62	27.05
6H	25.17	25.40	25.48	25.79	26.33	25.24	25.47	25.55	25.86	26.40
8H	25.08	25.28	25.40	25.68	26.24	25.15	25.35	25.48	25.75	26.31
12H	24.98	25.16	25.33	25.57	26.15	25.05	25.23	25.40	25.64	26.22
12H 4H	25.26	25.52	25.55	25.90	26.42	25.33	25.58	25.62	25.97	26.49
6H	25.09	25.29	25.42	25.69	26.25	25.15	25.36	25.48	25.76	26.32

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 11:32:18

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	28360.6	26685.7	26814.1	26759.1	26884.4	26832.6	26955.4	26911.8	10	2632.6	2632.6	5.4	5.4
20	27310.9	25543.9	25785.9	25635.3	25877.6	25724.7	25968.6	25816.5	20	7663.0	10295.6	21.1	21.1
30	25042.9	22984.5	23510.6	23077.7	23600.2	23163.0	23696.5	23268.1	30	11848.0	22143.6	45.5	45.5
40	18494.0	14890.5	16560.1	14927.1	16628.6	15022.7	16717.6	15105.3	40	13687.3	35830.9	73.6	73.6
50	5136.2	3560.4	4249.5	3605.8	4278.5	4011.0	4329.4	3816.3	50	8497.4	44328.4	91.0	91.0
60	1765.5	1533.7	1571.7	1528.1	1592.8	1533.9	1629.0	1536.2	60	2619.7	46948.1	96.4	96.4
70	780.1	667.3	697.0	676.0	716.4	674.5	709.4	686.3	70	1183.1	48131.2	98.9	98.9
80	215.8	165.2	186.8	174.6	190.4	166.7	187.3	171.0	80	464.0	48595.2	99.8	99.8
90	35.6	37.8	0.0	36.0	0.0	56.1	0.0	39.9	90	91.5	48686.6	100.0	100.0

Conical surface Flux(90deg) : 41236.4 lm

%lum = 84.7%

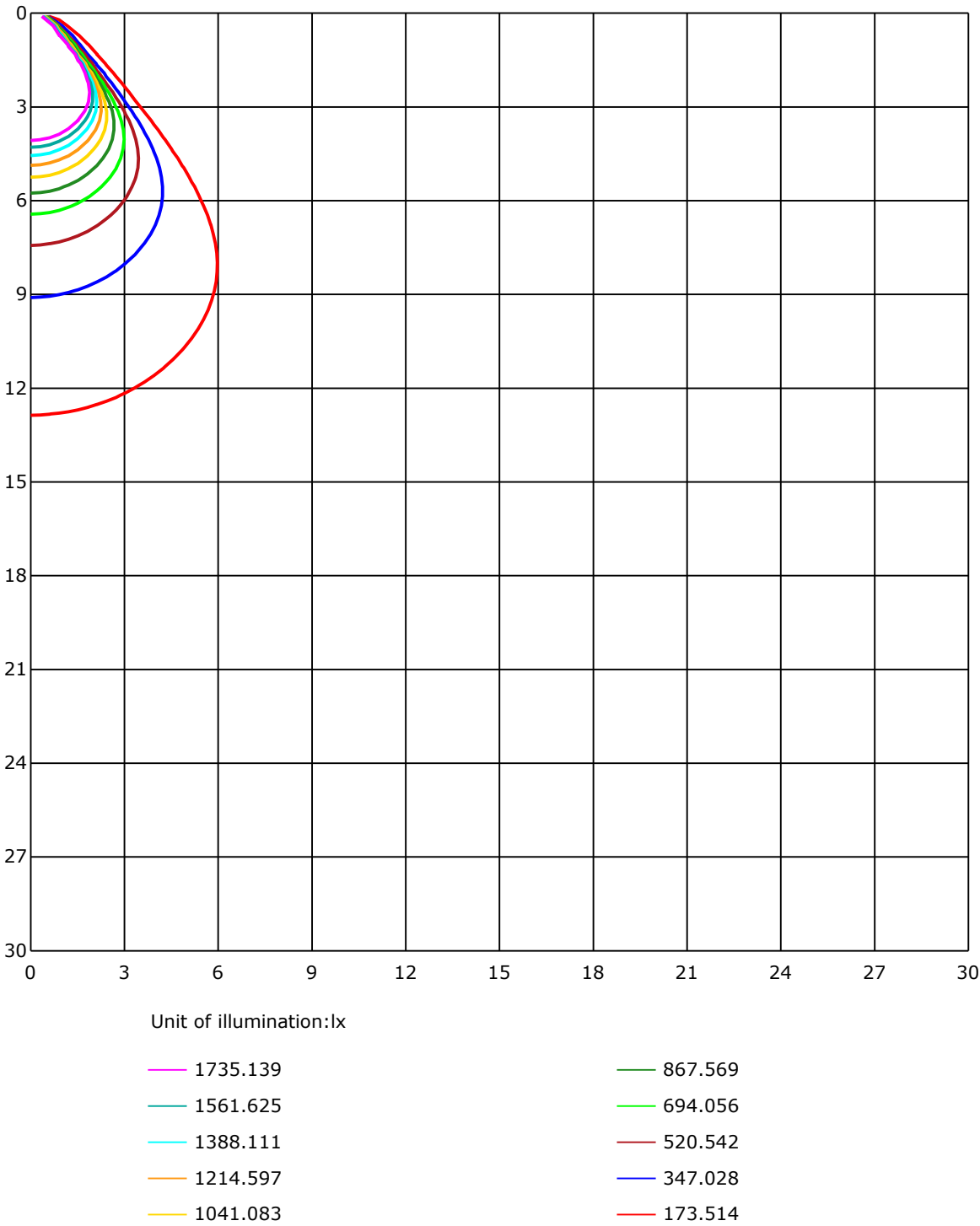
%lamp = 84.7%

Conical surface Flux(120deg) : 46948.0 lm

%lum = 96.4%

%lamp = 96.4%

SPACE ISOLX DIAGRAM



C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/9/22 11:32:18

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	28715.01	27124.79	27168.37	27178.59	27222.52	27232.29	27268.18	27280.75	27310.71	27321.23
G1	28699.3	27103.85	27155.8	27160.94	27208.05	27217.88	27256.32	27266.44	27300.84	27312.21
G2	28677.46	27076.88	27139.85	27139.25	27195.04	27194.89	27239.81	27251.33	27293.36	27297.4
G3	28657.37	27050.11	27119.06	27112.43	27176.49	27171.86	27233.04	27226.55	27280.4	27284.94
G4	28630.15	27016.4	27090.29	27082.76	27144.44	27142.79	27209.15	27198.68	27259.11	27255.07
G5	28597.49	26978.61	27057.33	27044.17	27120.8	27105.95	27182.38	27167.72	27237.42	27226.5
G6	28564.44	26935.23	27024.28	26998.25	27087.7	27064.96	27148.03	27128.78	27201.82	27190.21
G7	28522.95	26880.14	26980.3	26947.6	27046.12	27018.2	27106.89	27083.66	27177.04	27150.22
G8	28479.93	26820.16	26933.54	26893.65	27002.89	26964.1	27066.61	27032.8	27124.64	27102.9
G9	28421.54	26758.29	26874.11	26831.43	26948.05	26900.93	27012.81	26972.53	27082.31	27042.93
G10	28360.57	26685.74	26814.08	26759.14	26884.38	26832.58	26955.43	26911.8	27029.81	26984.84
G11	28292.96	26608.57	26745.68	26685.85	26817.92	26760.88	26892.76	26839.31	26965.6	26910.6
G12	28210.79	26525.9	26672.73	26609.06	26743.78	26682.21	26820.46	26760.78	26896.15	26828.19
G13	28130.52	26435.01	26588.17	26517.53	26666.9	26595.4	26743.93	26676.32	26820.46	26752.26
G14	28040.33	26335.44	26500.38	26421.9	26581.89	26500.47	26663.31	26580.84	26738.2	26662.21
G15	27941.36	26227.71	26403.7	26312.76	26485.92	26397.27	26571.22	26471.86	26646.41	26560.6
G16	27833.52	26110.59	26299.35	26196.94	26387.3	26275.81	26465.22	26366.46	26545.25	26451.81
G17	27718.0	25984.99	26185.38	26073.59	26276.27	26158.7	26358.03	26244.75	26438.05	26332.3
G18	27593.8	25848.84	26060.63	25936.43	26152.77	26026.38	26237.28	26114.28	26325.03	26207.31
G19	27460.48	25700.16	25934.39	25790.85	26020.04	25879.7	26105.6	25969.19	26198.24	26061.68
G20	27310.86	25543.9	25785.91	25635.34	25877.6	25724.74	25968.59	25816.53	26059.68	25907.92
G21	27154.46	25369.25	25630.66	25463.63	25725.89	25554.72	25820.37	25651.45	25907.42	25750.51
G22	26988.13	25187.17	25464.78	25279.31	25556.72	25373.44	25656.19	25468.42	25747.82	25570.98
G23	26808.35	24990.93	25287.04	25079.63	25377.18	25174.66	25476.65	25272.53	25573.02	25375.63
G24	26612.65	24775.75	25092.94	24866.94	25186.63	24961.77	25284.79	25066.67	25385.61	25167.08
G25	26405.69	24540.42	24886.73	24630.06	24979.91	24723.54	25078.78	24832.83	25184.03	24937.44
G26	26173.56	24290.03	24650.45	24377.38	24751.32	24473.61	24853.47	24576.31	24955.88	24687.4
G27	25933.39	24009.08	24409.14	24097.68	24502.97	24191.96	24605.33	24293.77	24710.68	24402.11
G28	25667.0	23709.64	24140.71	23794.3	24230.55	23887.63	24331.36	23991.04	24437.61	24101.37
G29	25371.79	23366.52	23840.62	23456.76	23932.25	23545.76	24041.49	23643.58	24139.36	23757.35
G30	25042.93	22984.51	23510.56	23077.74	23600.15	23162.95	23696.48	23268.05	23805.17	23376.29
G31	24685.8	22561.81	23144.25	22641.09	23232.95	22728.44	23328.63	22827.41	23436.92	22940.28
G32	24289.43	22078.24	22729.64	22166.44	22818.08	22248.86	22913.16	22345.58	23018.66	22454.67
G33	23842.21	21536.49	22263.27	21606.59	22349.47	21689.8	22443.45	21793.56	22549.3	21902.7
G34	23345.03	20915.76	21739.36	20981.42	21816.69	21066.13	21909.88	21169.29	22018.22	21274.44
G35	22774.61	20197.06	21132.54	20252.46	21214.36	20335.67	21302.61	20435.93	21407.66	20557.29
G36	22130.35	19390.91	20444.76	19447.2	20523.68	19523.49	20613.63	19616.02	20717.23	19740.12

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	21393.85	18435.39	19655.06	18485.7	19732.54	18574.09	19820.69	18669.07	19929.97	18786.99
G38	20539.49	17388.13	18751.89	17433.5	18824.58	17503.35	18911.88	17612.34	19026.75	17738.98
G39	19559.98	16191.54	17723.82	16243.05	17789.23	16330.45	17881.02	16419.39	17988.17	16543.44
G40	18493.97	14890.46	16560.09	14927.1	16628.55	15022.68	16717.64	15105.34	16831.07	15245.39
G41	17239.25	13472.15	15269.28	13514.43	15334.34	13555.92	15423.74	13693.42	15541.45	13808.64
G42	15895.29	12005.99	13884.38	12045.58	13937.53	12154.66	14023.43	12219.03	14139.6	12328.82
G43	14394.12	10474.21	12404.4	10504.07	12465.23	10684.96	12539.86	10674.49	12658.08	10798.93
G44	12851.97	9035.71	10899.55	9060.49	10951.2	9209.37	11036.6	9233.3	11144.8	9321.15
G45	11295.67	7686.42	9415.78	7710.55	9464.24	7747.79	9546.06	7868.65	9654.35	7983.02
G46	9756.91	6512.12	8049.43	6526.38	8090.71	6618.76	8163.95	6682.73	8269.9	6815.05
G47	8329.83	5527.78	6820.69	5530.97	6864.11	5812.76	6933.07	5739.42	7030.89	5789.83
G48	7103.08	4733.69	5783.7	4724.97	5823.73	5129.71	5888.9	4964.28	5978.34	4915.97
G49	5995.79	4073.87	4924.9	4079.51	4960.69	4528.68	5021.17	4328.05	5104.13	4275.05
G50	5136.19	3560.39	4249.47	3605.76	4278.54	4011.0	4329.45	3816.31	4405.33	3824.59
G51	4449.65	3192.14	3703.53	3220.61	3728.56	3571.46	3776.02	3396.26	3843.28	3451.55
G52	3867.51	2882.28	3265.38	2909.0	3295.99	3196.98	3341.17	3058.57	3401.74	3139.59
G53	3434.75	2621.62	2907.25	2639.67	2944.0	2883.32	2987.67	2789.99	3039.53	2871.06
G54	3047.06	2409.87	2610.55	2409.23	2657.32	2616.04	2703.64	2553.21	2751.8	2631.69
G55	2696.85	2227.29	2355.93	2213.04	2403.39	2384.25	2464.47	2345.86	2513.38	2417.05
G56	2436.2	2063.06	2149.17	2045.61	2187.46	2165.52	2262.54	2156.35	2300.09	2229.14
G57	2239.46	1916.98	1976.96	1897.44	2008.17	1970.23	2077.97	1990.52	2113.12	2063.36
G58	2081.01	1784.01	1827.73	1763.72	1850.97	1804.1	1908.7	1832.47	1946.2	1909.2
G59	1931.64	1663.7	1690.48	1637.58	1714.56	1661.46	1757.49	1676.22	1796.27	1767.81
G60	1765.51	1533.67	1571.67	1528.14	1592.81	1533.92	1628.95	1536.22	1663.5	1626.21
G61	1623.12	1403.99	1451.36	1420.4	1479.38	1417.75	1511.89	1418.4	1529.24	1497.63
G62	1494.09	1293.16	1340.38	1309.01	1372.88	1309.01	1404.44	1318.24	1403.84	1378.77
G63	1390.58	1195.04	1241.31	1222.26	1264.14	1200.87	1300.24	1213.44	1292.26	1255.52
G64	1304.23	1104.2	1152.91	1135.86	1169.01	1106.84	1200.28	1127.08	1194.69	1144.83
G65	1205.81	1022.28	1068.3	1048.76	1086.3	1024.98	1098.81	1035.45	1096.47	1056.19
G66	1101.36	937.23	984.49	963.85	1008.32	945.05	1015.85	951.24	1008.32	963.95
G67	999.65	863.74	905.67	880.64	929.65	871.31	931.14	875.9	918.13	892.4
G68	918.78	790.24	837.31	807.74	852.37	793.59	854.66	806.35	839.11	809.54
G69	842.6	731.11	766.21	741.18	781.22	737.65	779.92	745.22	766.11	729.87
G70	780.12	667.35	697.01	676.02	716.36	674.48	709.38	686.34	698.01	658.17
G71	726.98	612.75	633.09	615.44	648.85	626.91	643.11	610.21	633.49	597.3
G72	653.58	550.33	580.29	562.2	590.96	567.48	580.14	530.98	567.03	540.61
G73	573.11	480.93	513.19	498.83	527.35	496.58	517.72	461.83	507.45	483.97

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	27354.29	27371.39	27395.17	27414.87	27438.75	27470.41	27493.49	27523.3	27543.7	27586.18
G1	27348.95	27357.98	27395.32	27414.52	27440.59	27466.37	27495.38	27526.45	27551.08	27593.3
G2	27344.66	27353.24	27388.89	27403.75	27441.54	27457.94	27496.83	27524.1	27557.31	27593.95
G3	27327.66	27334.6	27378.87	27390.83	27431.32	27451.46	27489.4	27518.57	27559.8	27591.11
G4	27316.65	27312.66	27368.8	27371.29	27419.15	27436.26	27485.91	27506.05	27547.94	27581.09
G5	27289.57	27287.53	27347.46	27350.65	27411.58	27418.21	27474.35	27489.65	27546.74	27572.27
G6	27265.39	27252.18	27326.47	27323.97	27390.29	27393.97	27459.99	27469.66	27535.02	27552.72
G7	27231.74	27214.99	27297.55	27287.93	27367.05	27360.62	27439.79	27440.84	27518.52	27526.95
G8	27193.15	27169.07	27267.49	27246.0	27334.24	27321.43	27408.78	27411.52	27495.78	27495.84
G9	27150.87	27122.75	27219.77	27189.06	27294.36	27279.3	27372.89	27371.69	27458.34	27458.94
G10	27093.58	27060.58	27171.11	27138.5	27249.88	27227.95	27330.81	27316.35	27422.99	27410.93
G11	27040.38	26992.42	27115.77	27074.04	27201.28	27163.83	27282.59	27259.71	27373.58	27357.53
G12	26973.72	26916.73	27052.45	27003.39	27138.4	27098.47	27226.55	27196.94	27321.53	27295.85
G13	26901.23	26838.21	26980.6	26925.96	27068.55	27022.53	27160.79	27125.84	27261.0	27229.15
G14	26814.43	26746.67	26905.52	26836.37	27002.59	26934.98	27094.83	27046.52	27194.99	27154.06
G15	26729.07	26646.71	26817.97	26740.84	26909.76	26844.04	27014.61	26952.73	27120.8	27069.05
G16	26628.46	26541.26	26722.14	26642.07	26817.12	26743.98	26925.11	26859.2	27035.05	26974.37
G17	26527.2	26424.79	26615.05	26525.95	26716.46	26636.44	26828.59	26750.56	26943.06	26872.41
G18	26409.04	26297.46	26507.3	26406.39	26607.87	26511.69	26715.71	26636.04	26838.66	26759.94
G19	26286.44	26155.86	26386.6	26266.84	26489.46	26378.42	26604.23	26506.31	26727.43	26627.11
G20	26147.08	26012.57	26251.68	26121.31	26361.02	26239.27	26480.28	26364.81	26602.04	26494.14
G21	26003.14	25851.78	26108.14	25958.82	26219.53	26078.18	26341.58	26212.74	26470.46	26349.8
G22	25844.05	25677.32	25951.29	25788.66	26068.16	25912.1	26190.61	26047.12	26321.14	26187.72
G23	25670.49	25484.97	25781.13	25600.54	25899.29	25725.29	26027.47	25866.04	26162.69	26010.38
G24	25485.57	25276.92	25601.54	25394.23	25718.66	25524.61	25849.98	25668.7	25988.78	25816.18
G25	25284.84	25046.17	25397.02	25162.84	25525.41	25304.39	25659.13	25450.47	25799.97	25603.59
G26	25062.13	24796.09	25173.66	24923.13	25302.84	25064.32	25443.59	25217.63	25591.47	25375.63
G27	24816.58	24519.53	24936.79	24645.62	25068.76	24793.89	25210.91	24956.58	25365.12	25117.87
G28	24545.45	24217.29	24668.0	24351.06	24805.11	24504.12	24956.78	24671.84	25112.73	24847.59
G29	24250.25	23874.67	24374.69	24009.38	24513.79	24172.62	24669.25	24346.47	24837.67	24522.92
G30	23916.85	23496.25	24043.04	23638.04	24186.88	23809.4	24355.64	23991.54	24530.35	24178.0
G31	23544.51	23058.95	23677.73	23206.92	23827.2	23387.06	24004.25	23580.56	24186.08	23776.95
G32	23133.83	22581.76	23265.41	22734.82	23421.76	22919.34	23606.28	23127.2	23799.68	23337.65
G33	22664.02	22030.58	22804.57	22185.99	22965.11	22381.33	23161.0	22597.76	23363.23	22821.42
G34	22127.15	21407.51	22270.95	21566.6	22439.21	21767.63	22645.53	22005.2	22863.1	22238.39
G35	21522.58	20684.67	21667.92	20854.39	21848.35	21060.45	22061.89	21309.09	22291.19	21566.21
G36	20835.84	19881.36	20986.21	20049.48	21169.39	20272.1	21396.89	20529.12	21645.63	20798.05

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	27608.86	27654.23	27682.55	27743.73	27776.23	27844.74	27873.96	27947.74	27989.63	28076.03
G1	27617.64	27665.1	27694.96	27753.3	27784.71	27853.06	27887.72	27967.14	28006.78	28091.08
G2	27625.71	27670.04	27705.19	27759.38	27794.38	27862.94	27906.31	27971.23	28021.73	28101.46
G3	27627.71	27672.88	27710.57	27764.42	27807.1	27863.04	27910.45	27978.36	28030.31	28101.71
G4	27625.86	27665.9	27713.86	27761.38	27814.58	27859.8	27915.29	27975.56	28034.89	28101.56
G5	27623.52	27655.43	27713.76	27753.6	27809.84	27854.41	27915.99	27969.23	28038.44	28098.17
G6	27621.43	27644.16	27706.08	27741.58	27803.56	27843.99	27914.34	27957.87	28031.75	28086.65
G7	27600.09	27623.02	27687.74	27722.59	27793.69	27826.49	27898.54	27942.51	28020.84	28071.89
G8	27578.15	27590.46	27676.62	27696.51	27775.59	27805.15	27884.52	27918.03	28004.78	28045.02
G9	27550.53	27557.96	27651.89	27659.07	27746.82	27772.69	27860.59	27887.52	27984.09	28018.59
G10	27516.28	27515.58	27616.04	27622.22	27720.29	27728.62	27832.97	27851.87	27956.07	27981.3
G11	27472.4	27464.67	27576.21	27565.84	27680.71	27686.69	27794.08	27806.3	27920.37	27930.99
G12	27421.85	27408.43	27529.59	27517.82	27639.37	27634.14	27756.74	27757.14	27877.79	27884.08
G13	27367.2	27342.27	27476.69	27451.26	27585.33	27576.01	27704.89	27698.11	27829.33	27827.84
G14	27301.84	27268.68	27412.32	27381.66	27525.7	27501.72	27645.26	27624.52	27772.84	27759.83
G15	27230.69	27187.41	27341.92	27299.59	27455.75	27427.83	27577.95	27551.18	27703.74	27687.59
G16	27149.03	27096.82	27260.26	27213.89	27381.76	27344.07	27502.07	27459.44	27629.2	27601.08
G17	27059.63	26993.52	27171.01	27118.31	27294.71	27248.94	27417.9	27363.76	27548.44	27507.1
G18	26960.91	26883.68	27075.23	27006.98	27205.26	27134.71	27324.52	27265.84	27454.8	27404.0
G19	26843.79	26757.34	26968.49	26893.4	27100.51	27021.09	27220.87	27146.98	27352.69	27289.57
G20	26730.02	26626.46	26851.07	26757.89	26983.7	26894.35	27108.09	27026.77	27243.6	27164.28
G21	26597.25	26481.83	26722.34	26617.34	26851.47	26756.74	26989.43	26888.77	27125.44	27030.26
G22	26455.95	26322.68	26582.89	26465.13	26721.99	26603.73	26855.01	26740.69	26991.03	26878.4
G23	26299.5	26151.32	26433.96	26293.92	26576.41	26436.86	26708.38	26574.76	26844.79	26717.36
G24	26128.39	25958.22	26265.79	26107.5	26405.39	26257.12	26547.29	26396.17	26682.16	26538.47
G25	25946.11	25753.21	26087.4	25905.62	26232.49	26055.34	26374.19	26200.53	26516.03	26345.52
G26	25740.64	25530.34	25884.88	25681.96	26032.51	25839.31	26179.39	25985.59	26324.28	26132.03
G27	25518.78	25274.07	25673.19	25438.01	25827.35	25588.78	25970.24	25746.13	26117.22	25896.2
G28	25277.71	25009.83	25427.59	25165.78	25582.2	25331.31	25735.96	25487.42	25884.78	25646.01
G29	25008.58	24697.82	25163.54	24869.83	25326.67	25035.21	25479.84	25194.8	25629.36	25347.66
G30	24705.1	24366.32	24870.48	24537.08	25033.21	24704.95	25197.64	24873.27	25349.06	25028.23
G31	24369.01	23973.24	24543.31	24156.02	24714.22	24334.26	24878.7	24504.82	25036.1	24662.47
G32	23995.17	23546.95	24177.35	23736.21	24355.6	23922.08	24531.49	24098.58	24681.66	24257.03
G33	23574.97	23050.42	23766.78	23249.65	23950.95	23446.54	24131.73	23624.58	24288.49	23789.31
G34	23084.77	22480.1	23291.63	22702.31	23485.18	22908.22	23669.65	23091.45	23835.38	23257.68
G35	22536.04	21826.61	22754.41	22056.91	22961.47	22278.62	23149.54	22470.53	23323.84	22641.59
G36	21899.11	21076.05	22135.28	21329.68	22353.51	21565.66	22556.68	21756.51	22732.88	21937.94

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	28125.19	28224.8	28280.25	28400.4	28479.38	28614.89	28715.01	27124.79	27168.37	27178.59
G1	28144.93	28239.31	28303.83	28414.61	28495.93	28625.16	28734.45	27140.95	27182.78	27193.5
G2	28156.95	28245.2	28316.19	28421.2	28509.89	28635.23	28746.41	27152.86	27183.13	27205.76
G3	28165.97	28245.54	28325.27	28420.4	28516.52	28637.97	28746.07	27162.63	27189.26	27212.0
G4	28171.56	28250.63	28332.1	28420.84	28519.61	28633.39	28750.85	27167.17	27192.8	27213.14
G5	28172.7	28243.35	28329.31	28412.87	28522.9	28626.06	28747.76	27164.18	27190.65	27210.55
G6	28164.82	28229.29	28323.42	28399.3	28507.5	28607.96	28740.23	27161.09	27176.74	27202.77
G7	28152.51	28211.04	28310.06	28380.01	28494.73	28585.77	28722.04	27147.28	27169.57	27193.4
G8	28143.88	28186.11	28294.65	28356.28	28477.58	28556.56	28701.74	27130.63	27148.03	27171.96
G9	28115.91	28158.99	28269.23	28323.07	28448.22	28523.55	28671.13	27108.09	27118.81	27149.77
G10	28089.84	28120.85	28241.36	28282.59	28415.36	28483.92	28637.18	27079.47	27090.29	27117.41
G11	28053.79	28076.38	28205.41	28238.71	28376.62	28431.96	28594.35	27047.21	27058.58	27083.36
G12	28013.91	28023.28	28161.19	28182.52	28333.34	28376.97	28546.14	27005.63	27013.81	27040.73
G13	27963.45	27967.24	28110.13	28123.1	28279.95	28312.7	28491.99	26958.27	26963.8	26987.73
G14	27908.06	27902.17	28052.64	28057.53	28219.37	28238.77	28427.13	26904.77	26908.11	26932.34
G15	27838.41	27826.04	27985.24	27982.54	28150.87	28162.63	28354.98	26843.35	26850.53	26867.53
G16	27769.01	27743.83	27912.0	27891.46	28077.13	28074.53	28275.41	26774.64	26772.25	26797.08
G17	27687.69	27648.95	27829.38	27800.41	27992.81	27979.3	28188.31	26697.66	26694.02	26721.25
G18	27596.1	27547.54	27738.09	27696.01	27898.98	27871.61	28089.34	26616.2	26609.61	26635.84
G19	27493.34	27434.21	27635.34	27579.7	27794.63	27753.5	27976.26	26519.17	26515.88	26542.5
G20	27388.29	27308.62	27525.0	27455.4	27679.16	27629.65	27865.13	26423.94	26416.02	26441.69
G21	27264.99	27168.27	27397.07	27315.25	27554.77	27488.75	27740.84	26314.65	26302.89	26330.01
G22	27124.79	27022.73	27263.95	27171.06	27419.6	27339.68	27604.13	26192.5	26176.7	26202.18
G23	26983.0	26856.56	27121.55	27000.75	27272.62	27169.37	27455.25	26064.22	26050.26	26077.08
G24	26821.61	26680.81	26959.87	26824.9	27114.07	26988.98	27286.93	25926.16	25906.82	25936.13
G25	26652.74	26483.52	26790.15	26627.51	26936.08	26787.4	27111.53	25774.2	25750.42	25778.59
G26	26459.24	26271.23	26597.2	26415.07	26743.43	26571.37	26914.39	25613.55	25581.95	25610.62
G27	26254.98	26030.91	26393.83	26176.95	26535.18	26328.12	26700.9	25427.14	25393.38	25431.87
G28	26025.38	25776.14	26160.69	25916.19	26299.5	26067.41	26467.22	25227.81	25192.66	25229.85
G29	25772.95	25486.87	25908.61	25626.02	26048.96	25773.75	26208.51	25009.63	24969.04	25012.92
G30	25489.51	25164.19	25627.47	25300.45	25759.89	25444.44	25916.09	24767.57	24720.26	24763.78
G31	25177.65	24800.33	25313.76	24932.45	25445.24	25074.0	25596.06	24503.13	24450.92	24497.84
G32	24826.5	24394.88	24966.6	24527.21	25094.34	24669.75	25236.48	24210.56	24151.93	24207.47
G33	24438.51	23938.29	24568.59	24065.37	24695.97	24191.51	24833.38	23886.78	23815.98	23878.26
G34	23980.96	23402.27	24116.53	23538.63	24242.92	23660.73	24370.75	23516.39	23433.93	23504.53
G35	23474.46	22786.92	23607.63	22915.55	23729.43	23027.54	23848.94	23101.87	23009.69	23090.55
G36	22888.28	22089.51	23023.45	22214.46	23139.32	22322.2	23253.04	22629.12	22527.76	22612.62

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	27222.52	27232.29	27268.18	27280.75	27310.71	27321.23	27354.29	27371.39	27395.17	27414.87
G1	27227.95	27244.9	27270.58	27290.57	27309.37	27333.85	27350.05	27373.33	27393.23	27417.06
G2	27233.58	27253.23	27275.46	27295.6	27316.25	27331.46	27351.45	27373.08	27383.66	27411.87
G3	27236.82	27257.86	27275.91	27296.9	27316.84	27330.06	27345.46	27368.15	27380.02	27403.15
G4	27236.18	27255.12	27272.52	27294.41	27305.68	27324.47	27336.84	27356.03	27369.25	27394.43
G5	27229.69	27251.83	27264.84	27284.29	27301.39	27317.29	27324.62	27346.26	27348.9	27376.32
G6	27218.13	27242.61	27251.33	27275.86	27280.65	27298.7	27303.38	27326.77	27330.46	27352.04
G7	27204.22	27225.66	27236.32	27255.22	27263.1	27281.84	27281.29	27298.5	27305.63	27326.22
G8	27183.23	27208.35	27216.28	27236.13	27236.47	27254.37	27250.48	27271.63	27276.61	27297.45
G9	27156.1	27181.28	27180.43	27201.77	27205.66	27221.17	27221.62	27240.36	27240.31	27255.12
G10	27124.19	27150.72	27155.85	27169.86	27170.91	27189.16	27185.37	27202.17	27199.73	27217.53
G11	27087.65	27111.58	27108.49	27130.18	27122.6	27143.39	27138.4	27155.46	27151.12	27170.11
G12	27044.67	27067.96	27061.28	27086.25	27070.85	27094.98	27088.85	27106.2	27097.92	27113.53
G13	26990.63	27015.75	27008.58	27031.56	27025.53	27038.69	27038.09	27047.02	27041.78	27050.41
G14	26934.44	26956.47	26946.05	26969.49	26960.46	26978.71	26964.35	26983.1	26966.59	26983.99
G15	26869.32	26887.72	26879.14	26899.44	26890.56	26908.56	26889.91	26908.86	26888.22	26908.06
G16	26797.13	26816.52	26809.34	26822.95	26816.17	26836.21	26809.69	26829.29	26807.3	26823.7
G17	26708.38	26736.5	26716.31	26744.23	26727.13	26739.84	26724.79	26740.04	26713.82	26731.31
G18	26626.66	26648.95	26636.29	26652.99	26632.65	26648.2	26627.66	26636.54	26615.99	26633.85
G19	26531.24	26553.92	26535.92	26554.37	26530.04	26546.69	26521.36	26536.07	26508.9	26527.5
G20	26426.44	26448.52	26430.53	26449.27	26424.04	26436.21	26406.14	26422.85	26395.13	26403.35
G21	26309.02	26336.04	26311.32	26334.3	26302.84	26314.86	26284.14	26297.71	26263.0	26282.75
G22	26184.33	26214.14	26181.49	26206.71	26166.73	26183.98	26150.47	26165.18	26125.59	26142.7
G23	26051.61	26079.77	26045.77	26061.68	26031.66	26045.72	26007.08	26020.54	25977.52	25995.62
G24	25903.73	25934.14	25897.59	25914.0	25873.66	25895.05	25846.69	25865.04	25815.68	25831.23
G25	25747.62	25770.86	25734.51	25759.59	25707.69	25729.13	25677.92	25696.67	25638.63	25659.32
G26	25573.32	25604.03	25555.52	25581.74	25527.2	25549.14	25494.45	25510.25	25449.72	25467.67
G27	25387.5	25418.66	25365.12	25390.84	25333.55	25355.49	25292.67	25310.67	25245.36	25257.02
G28	25182.94	25214.45	25161.89	25184.03	25113.78	25135.92	25076.79	25097.48	25020.3	25040.19
G29	24953.44	24992.58	24924.17	24955.53	24884.84	24912.71	24832.29	24857.26	24771.71	24794.49
G30	24703.9	24741.54	24670.35	24702.66	24621.74	24646.62	24563.65	24590.97	24502.03	24518.78
G31	24430.23	24475.01	24393.24	24429.09	24340.34	24368.71	24272.33	24302.05	24200.69	24226.61
G32	24127.75	24170.17	24082.82	24123.96	24027.08	24054.95	23953.29	23981.31	23867.49	23894.06
G33	23790.06	23839.62	23738.71	23788.31	23677.33	23714.43	23598.66	23630.42	23499.64	23538.38
G34	23410.34	23465.39	23354.2	23403.41	23284.5	23322.49	23188.13	23229.56	23089.11	23120.32
G35	22966.51	23047.33	22914.91	22982.12	22831.84	22892.67	22736.17	22789.91	22621.0	22676.09
G36	22493.81	22565.11	22429.34	22490.47	22336.21	22389.41	22228.56	22276.63	22101.78	22147.0

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	27438.75	27470.41	27493.49	27523.3	27543.7	27586.18	27608.86	27654.23	27682.55	27743.73
G1	27434.36	27463.08	27487.01	27509.6	27530.19	27574.51	27596.2	27639.97	27664.45	27728.52
G2	27422.99	27456.75	27476.84	27504.61	27518.27	27559.9	27572.27	27625.02	27647.65	27710.62
G3	27409.78	27444.93	27458.84	27490.3	27502.22	27542.0	27558.65	27603.48	27624.82	27687.09
G4	27398.26	27427.83	27441.89	27470.31	27478.98	27519.92	27531.08	27579.74	27599.94	27658.77
G5	27379.52	27402.1	27420.6	27447.42	27455.0	27490.4	27503.71	27552.57	27569.42	27617.34
G6	27356.13	27387.79	27393.38	27417.21	27423.89	27459.44	27474.49	27517.72	27537.31	27587.62
G7	27325.22	27358.23	27362.86	27386.4	27387.89	27424.99	27436.9	27475.69	27494.29	27544.89
G8	27295.6	27316.45	27326.32	27346.96	27353.84	27384.35	27396.12	27435.71	27452.76	27498.48
G9	27259.86	27273.12	27282.29	27302.94	27300.24	27336.79	27349.95	27385.35	27399.16	27446.28
G10	27213.29	27235.68	27238.22	27253.53	27255.87	27281.35	27291.87	27329.56	27340.43	27387.34
G11	27166.72	27180.04	27178.74	27196.44	27197.93	27224.16	27228.55	27265.84	27277.41	27320.78
G12	27108.94	27122.6	27119.16	27136.36	27132.82	27161.04	27159.05	27199.08	27207.61	27246.64
G13	27042.03	27057.04	27046.72	27067.36	27063.62	27087.1	27083.36	27115.37	27126.79	27168.27
G14	26966.99	26984.54	26971.63	26988.93	26982.4	27010.32	27003.24	27038.74	27040.04	27089.24
G15	26889.76	26909.51	26887.02	26906.02	26894.7	26920.53	26912.7	26943.51	26948.75	26987.93
G16	26802.91	26819.56	26796.48	26813.73	26802.51	26823.15	26816.67	26846.49	26846.59	26888.97
G17	26708.18	26720.2	26694.67	26714.66	26696.51	26721.1	26709.53	26741.69	26742.14	26782.32
G18	26600.74	26613.85	26591.36	26608.07	26584.83	26606.02	26582.04	26624.87	26618.88	26661.31
G19	26488.76	26500.03	26472.75	26484.97	26462.63	26484.67	26455.4	26499.18	26489.51	26531.59
G20	26365.46	26385.05	26340.68	26362.57	26328.41	26357.83	26330.86	26365.86	26354.59	26397.42
G21	26237.18	26253.03	26208.96	26229.3	26185.87	26215.39	26186.82	26220.52	26210.7	26251.49
G22	26094.68	26107.0	26060.48	26077.48	26042.78	26058.44	26032.41	26064.17	26046.72	26092.89
G23	25943.46	25952.99	25903.88	25920.03	25876.76	25899.09	25863.54	25900.14	25875.51	25923.67
G24	25772.9	25788.9	25730.12	25748.37	25700.91	25729.43	25680.26	25720.75	25693.48	25736.95
G25	25596.8	25610.91	25545.2	25563.3	25508.96	25533.73	25487.81	25527.2	25496.29	25546.2
G26	25402.01	25413.23	25345.52	25359.23	25301.25	25326.18	25279.11	25317.7	25275.12	25327.12
G27	25189.37	25203.58	25125.2	25142.9	25076.39	25106.85	25047.87	25093.19	25047.97	25102.66
G28	24956.08	24971.69	24896.65	24910.66	24833.38	24867.98	24805.56	24848.29	24789.06	24853.47
G29	24699.17	24717.46	24629.37	24651.45	24561.56	24598.15	24525.51	24578.16	24514.99	24577.26
G30	24424.15	24437.46	24334.31	24353.55	24261.96	24300.95	24226.37	24276.62	24208.77	24274.38
G31	24111.29	24135.32	24017.01	24044.53	23935.14	23981.51	23888.68	23949.3	23870.93	23943.97
G32	23775.7	23794.3	23677.08	23699.22	23588.43	23631.16	23527.76	23587.64	23506.62	23575.27
G33	23398.38	23432.68	23287.14	23318.65	23189.17	23241.28	23120.02	23190.32	23088.86	23175.61
G34	22969.1	23003.5	22852.29	22886.19	22742.3	22796.89	22665.07	22735.92	22618.6	22706.6
G35	22490.62	22541.22	22360.64	22408.1	22237.44	22308.49	22149.54	22236.14	22091.66	22193.56
G36	21963.47	22003.81	21813.65	21856.08	21669.56	21743.55	21575.13	21658.29	21503.38	21604.0

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	27776.23	27844.74	27873.96	27947.74	27989.63	28076.03	28125.19	28224.8	28280.25	28400.4
G1	27754.54	27825.04	27856.55	27935.18	27976.71	28056.93	28105.34	28205.56	28259.46	28379.41
G2	27737.79	27799.37	27836.31	27911.45	27950.84	28034.89	28084.3	28181.78	28239.26	28359.67
G3	27710.97	27775.64	27806.65	27886.92	27926.85	28004.78	28057.48	28154.85	28214.53	28333.39
G4	27681.95	27746.52	27781.92	27856.06	27896.34	27976.46	28027.87	28125.39	28182.52	28302.83
G5	27650.49	27711.77	27751.05	27818.61	27864.58	27942.81	27992.47	28093.73	28150.91	28269.72
G6	27608.16	27676.82	27712.32	27781.77	27824.2	27903.42	27953.43	28046.56	28110.48	28227.1
G7	27571.37	27631.6	27667.1	27731.61	27784.11	27857.55	27908.21	28004.53	28064.91	28180.78
G8	27516.53	27576.46	27616.94	27679.41	27733.71	27805.4	27860.34	27950.63	28013.76	28127.88
G9	27470.86	27523.7	27559.85	27622.32	27672.93	27746.37	27802.51	27892.85	27956.52	28074.28
G10	27405.49	27466.22	27499.77	27562.64	27610.41	27681.6	27745.02	27832.47	27897.19	28010.37
G11	27339.83	27398.81	27437.35	27492.24	27541.45	27612.1	27672.43	27760.58	27823.9	27937.92
G12	27266.34	27326.02	27357.68	27415.12	27464.47	27532.68	27595.0	27680.96	27749.26	27857.9
G13	27183.72	27242.16	27269.18	27334.89	27379.46	27449.67	27506.3	27596.7	27665.4	27778.48
G14	27098.27	27160.69	27186.91	27247.74	27284.24	27357.68	27417.86	27504.26	27572.37	27687.14
G15	27001.3	27061.92	27088.95	27147.88	27185.37	27259.91	27315.35	27405.49	27478.44	27586.18
G16	26896.74	26956.57	26979.66	27043.42	27081.42	27152.71	27208.05	27292.37	27371.44	27478.88
G17	26789.25	26846.49	26860.75	26929.55	26963.2	27044.17	27095.38	27184.32	27252.43	27363.41
G18	26666.05	26727.13	26734.31	26806.2	26838.61	26919.33	26974.12	27062.42	27124.1	27237.47
G19	26533.03	26595.95	26607.92	26672.43	26708.33	26786.96	26834.07	26927.9	26985.39	27104.3
G20	26395.13	26451.91	26466.12	26533.93	26564.54	26648.35	26689.19	26786.81	26841.25	26959.27
G21	26246.35	26301.54	26314.26	26386.3	26411.03	26495.59	26537.62	26635.69	26692.43	26808.54
G22	26087.11	26141.9	26149.18	26220.52	26243.16	26331.46	26383.21	26467.07	26528.24	26637.18
G23	25913.45	25972.13	25978.02	26050.11	26071.25	26158.3	26194.7	26300.95	26349.41	26461.49
G24	25725.14	25790.2	25797.98	25861.5	25885.38	25969.74	26003.79	26103.51	26158.0	26273.77
G25	25522.67	25592.32	25588.38	25665.21	25669.89	25769.21	25796.93	25899.89	25948.15	26070.2
G26	25311.72	25378.93	25366.76	25441.5	25452.96	25547.94	25574.77	25675.33	25727.53	25843.45
G27	25076.19	25146.24	25133.43	25209.56	25215.79	25309.22	25332.06	25441.15	25484.77	25604.63
G28	24818.77	24894.96	24878.95	24954.09	24955.88	25049.02	25070.8	25179.84	25222.27	25344.47
G29	24542.31	24619.29	24592.17	24676.03	24662.47	24768.12	24777.54	24895.01	24927.02	25059.24
G30	24226.17	24309.58	24279.96	24365.96	24352.95	24453.42	24455.51	24580.2	24601.24	24740.95
G31	23888.58	23979.27	23935.99	24029.33	24003.95	24114.78	24106.71	24239.73	24248.4	24397.38
G32	23516.44	23606.03	23556.93	23653.6	23616.71	23732.87	23721.9	23858.86	23864.25	24012.77
G33	23088.96	23195.71	23130.99	23242.87	23192.07	23321.0	23287.24	23431.53	23430.84	23587.79
G34	22609.13	22725.55	22650.06	22769.52	22705.3	22845.36	22807.46	22952.2	22931.01	23101.97
G35	22075.1	22205.98	22103.42	22247.01	22157.97	22316.46	22243.92	22422.61	22375.1	22566.9
G36	21468.58	21606.14	21496.71	21637.4	21542.57	21698.08	21631.17	21797.89	21745.54	21935.95

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

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	28479.38	28614.89	28715.01							
G1	28460.98	28600.08	28699.3							
G2	28438.0	28576.85	28677.46							
G3	28410.07	28551.57	28657.37							
G4	28389.24	28523.45	28630.15							
G5	28352.09	28489.15	28597.49							
G6	28317.74	28448.47	28564.44							
G7	28275.81	28404.44	28522.95							
G8	28224.51	28357.23	28479.93							
G9	28168.21	28299.74	28421.54							
G10	28105.59	28235.92	28360.57							
G11	28039.63	28165.57	28292.96							
G12	27963.0	28089.99	28210.79							
G13	27878.79	28002.34	28130.52							
G14	27785.11	27913.49	28040.33							
G15	27682.2	27816.22	27941.36							
G16	27573.01	27707.68	27833.52							
G17	27454.3	27591.61	27718.0							
G18	27329.91	27464.67	27593.8							
G19	27195.34	27330.71	27460.48							
G20	27056.04	27184.77	27310.86							
G21	26895.85	27032.55	27154.46							
G22	26727.53	26862.94	26988.13							
G23	26548.34	26685.74	26808.35							
G24	26355.89	26497.63	26612.65							
G25	26144.49	26292.72	26405.69							
G26	25920.68	26068.36	26173.56							
G27	25685.5	25825.9	25933.39							
G28	25411.93	25565.89	25667.0							
G29	25120.91	25273.18	25371.79							
G30	24793.64	24957.38	25042.93							
G31	24433.27	24608.47	24685.8							
G32	24050.32	24216.44	24289.43							
G33	23607.33	23794.45	23842.21							
G34	23109.3	23302.25	23345.03							
G35	22547.06	22762.14	22774.61							
G36	21909.93	22125.71	22130.35							

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/9/22 11:32:18

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

