

Report No.: KUPU-LD50C

Test Time: 2025/11/19 14:38:56

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: GZAILITELED
Luminaire Type:
Lamp Type:
Luminous Width: 130 mm
Luminous Length: 180 mm
Luminous Height: 1 mm

Voltage(V): 219.01 V
Current(A): 0.2420 A
Power(W): 49.82 W
Power Factor: 0.9390
Lamp Luminous Flux: 8713.01

Photometric Results

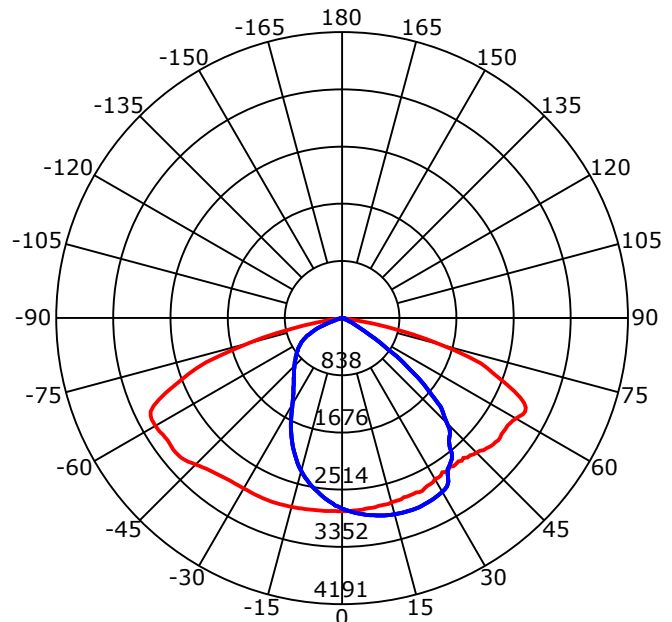
CIE Class: Direct
Luminaire Luminous Flux: 8713.006 lm
Downward Ratio: 100.00%
Luminaire Efficacy Rating(LER): 174.89 lm/W
Beam Angle(50%) C0-180,C90-270: 148.8,80.6
Field Angle(10%) C0-180,C90-270: 161.3,129.9
S/MH C0-180,C90-270: 1.507,1.155

Max. Intensity: 3352.48 cd
Max.Intensity Angle: C=170 Gamma=62
Upward Ratio: 0.00%
Efficacy: 100.00%
Center Intensity: 2828.83 cd
Effective Luminous Flux: 8549.93 lm
ERP(ϕ use)(120deg): 6981.19 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



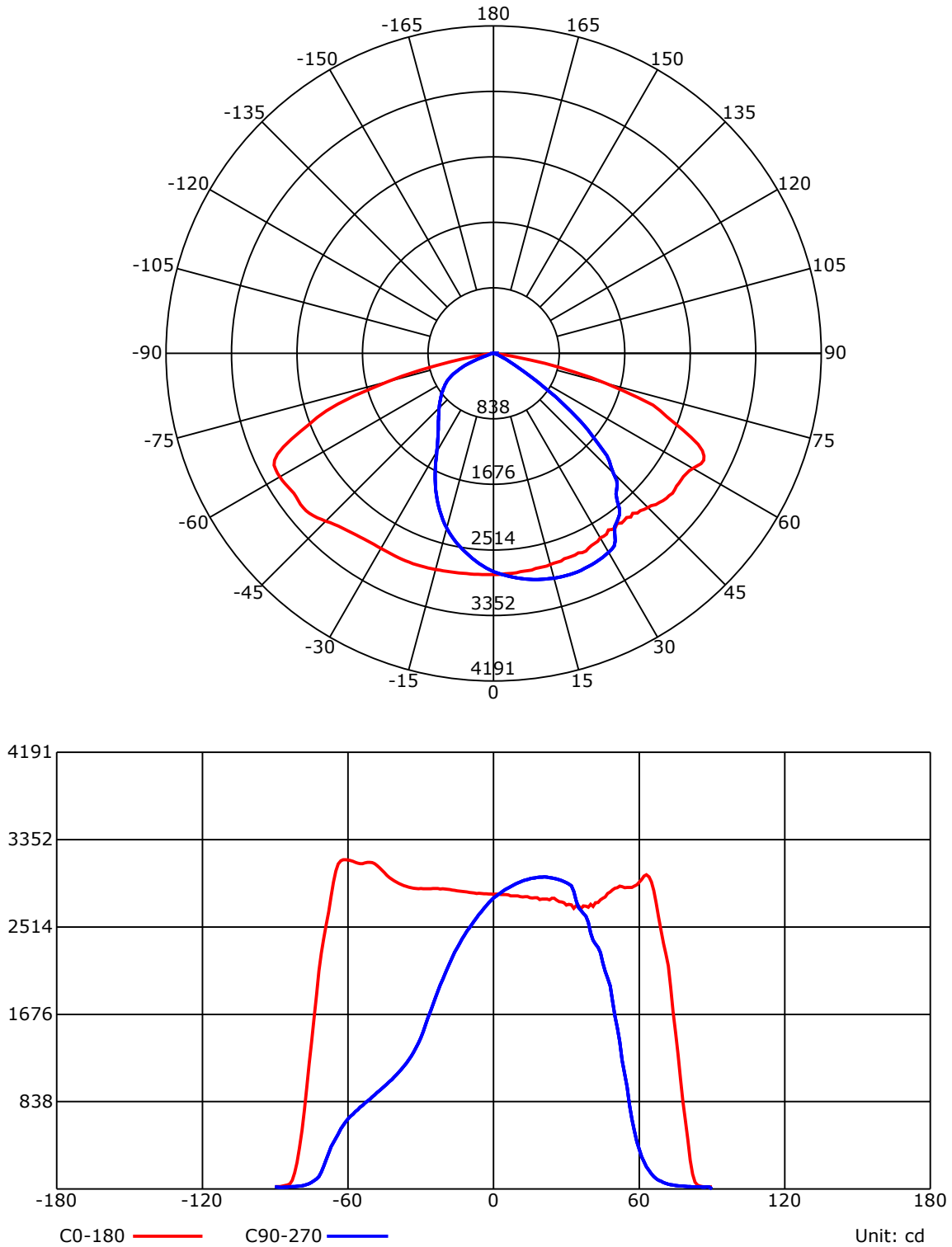
Beam Angle(50%) C0-180,C90-270: 148.8 deg,80.6 deg

C0-180 — C90-270 —

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/11/19 14:38:56

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

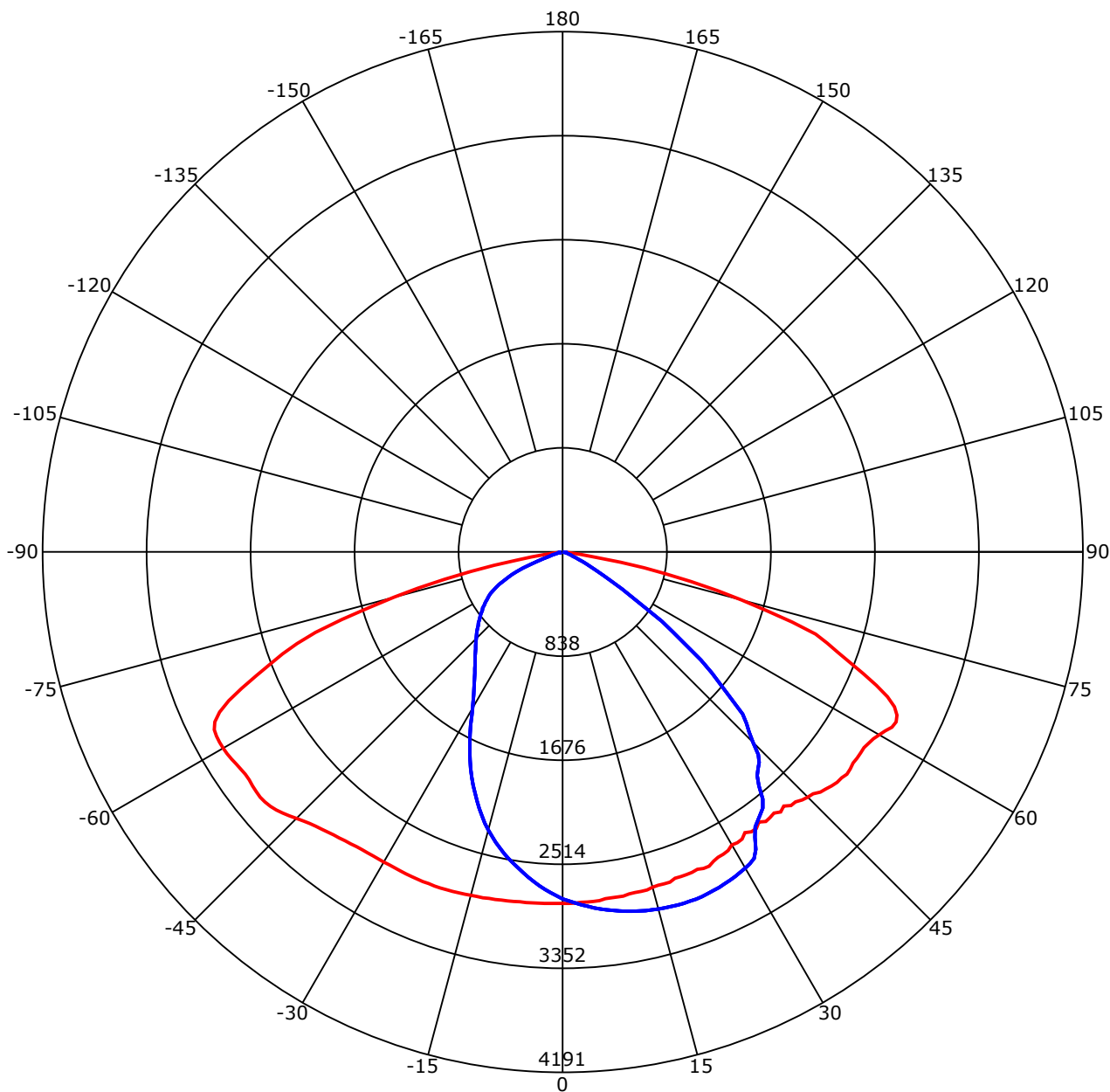
Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg
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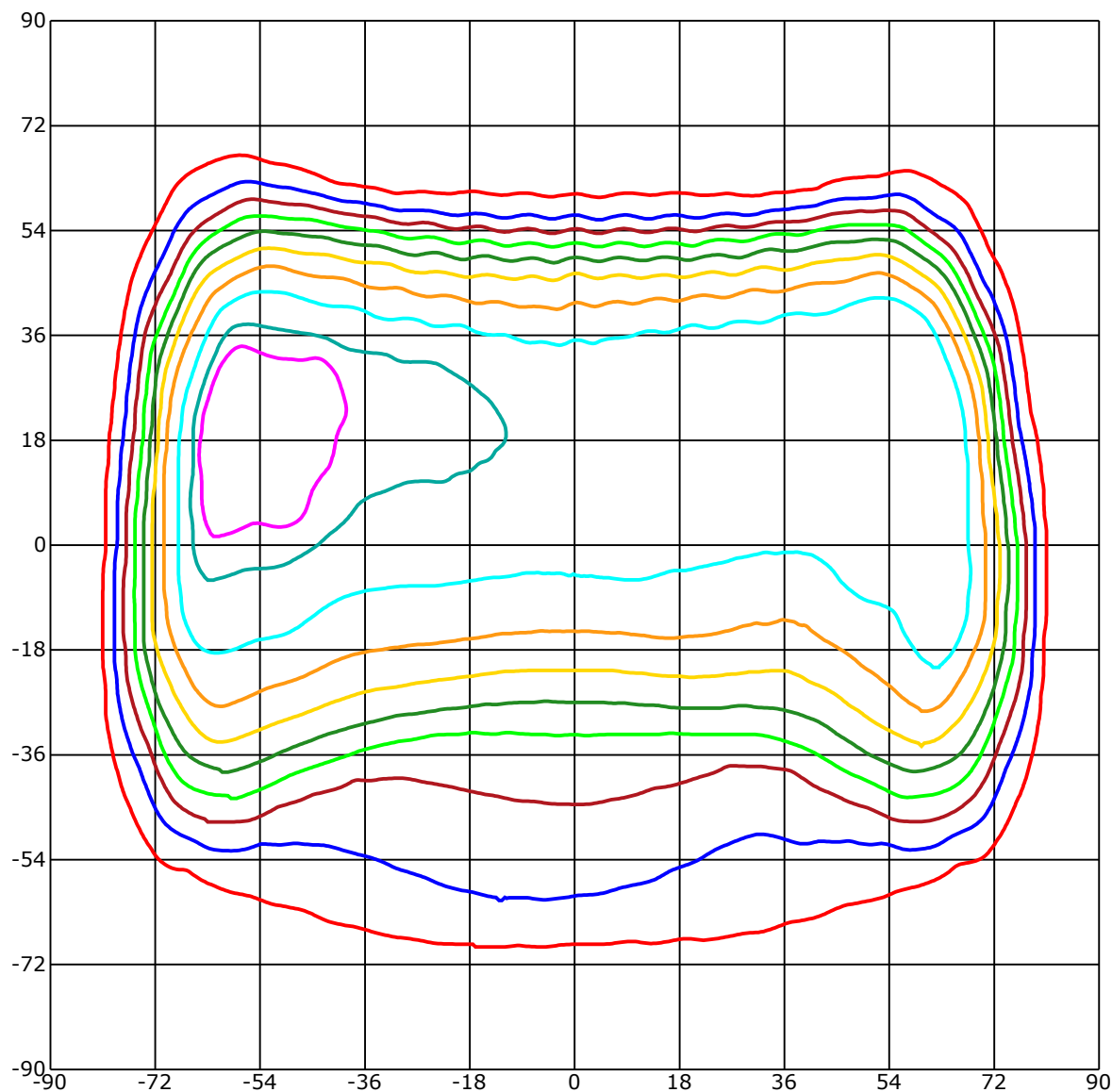
Luminous Intensity Distribution Curve



C0-180 — C90-270

Unit: cd/klm

ISOCANDELA DIAGRAM (RECTANGULAR)



Unit of intensity:cd I_{max}(100%): 3352.483 cd

3184.858(95%I _{max})	1676.241(50%I _{max})
3017.234(90%I _{max})	1340.993(40%I _{max})
2681.986(80%I _{max})	1005.745(30%I _{max})
2346.738(70%I _{max})	670.497(20%I _{max})
2011.49(60%I _{max})	335.248(10%I _{max})

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

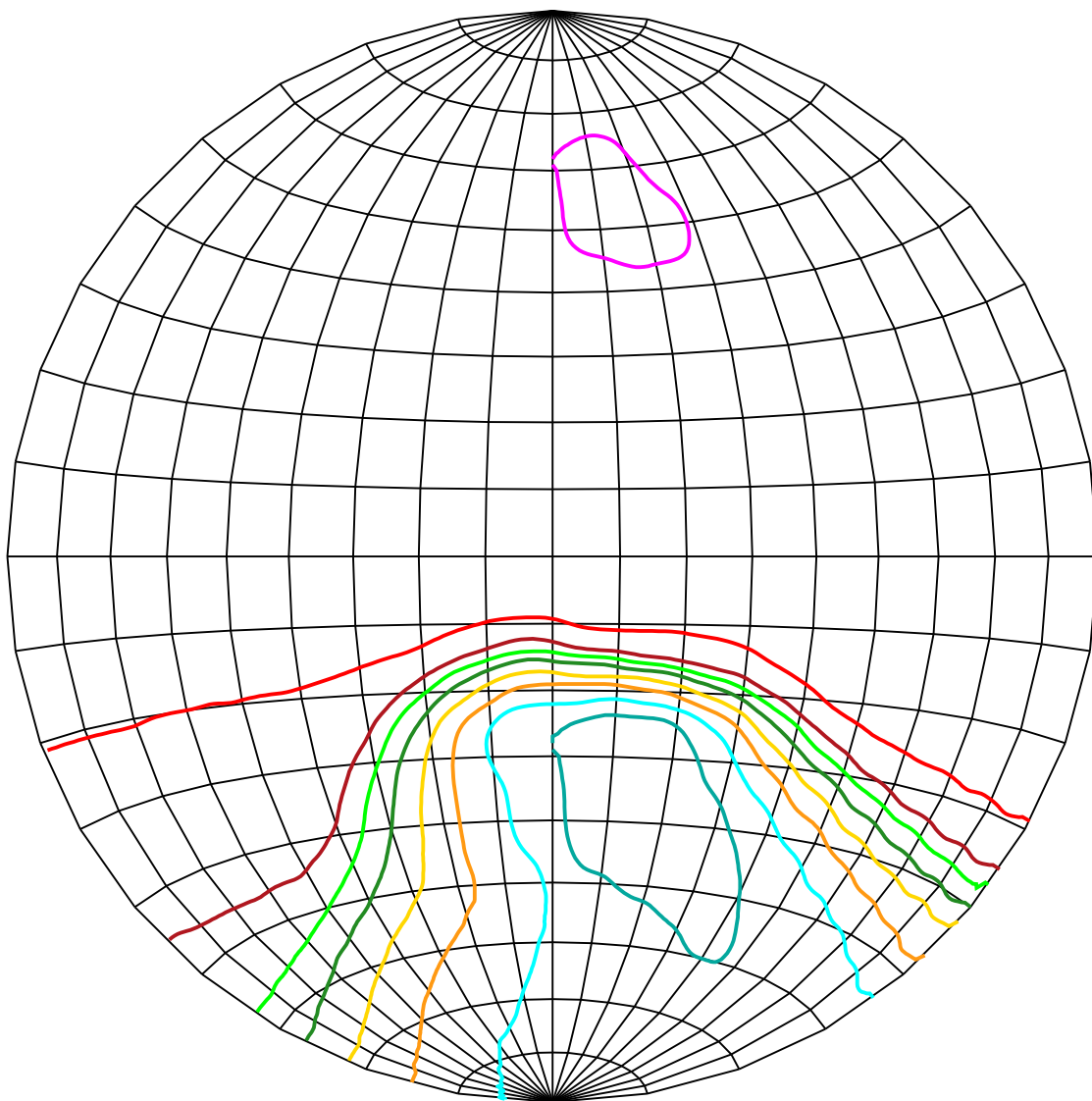
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

ISOCANDELA DIAGRAM (SPHERE)



Unit of intensity:cd Imax(100%): 3352.483 cd

3184.858(95%Imax)	1676.241(50%Imax)
3017.234(90%Imax)	1340.993(40%Imax)
2681.986(80%Imax)	1005.745(30%Imax)
2346.738(70%Imax)	670.497(20%Imax)
2011.49(60%Imax)	335.248(10%Imax)

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

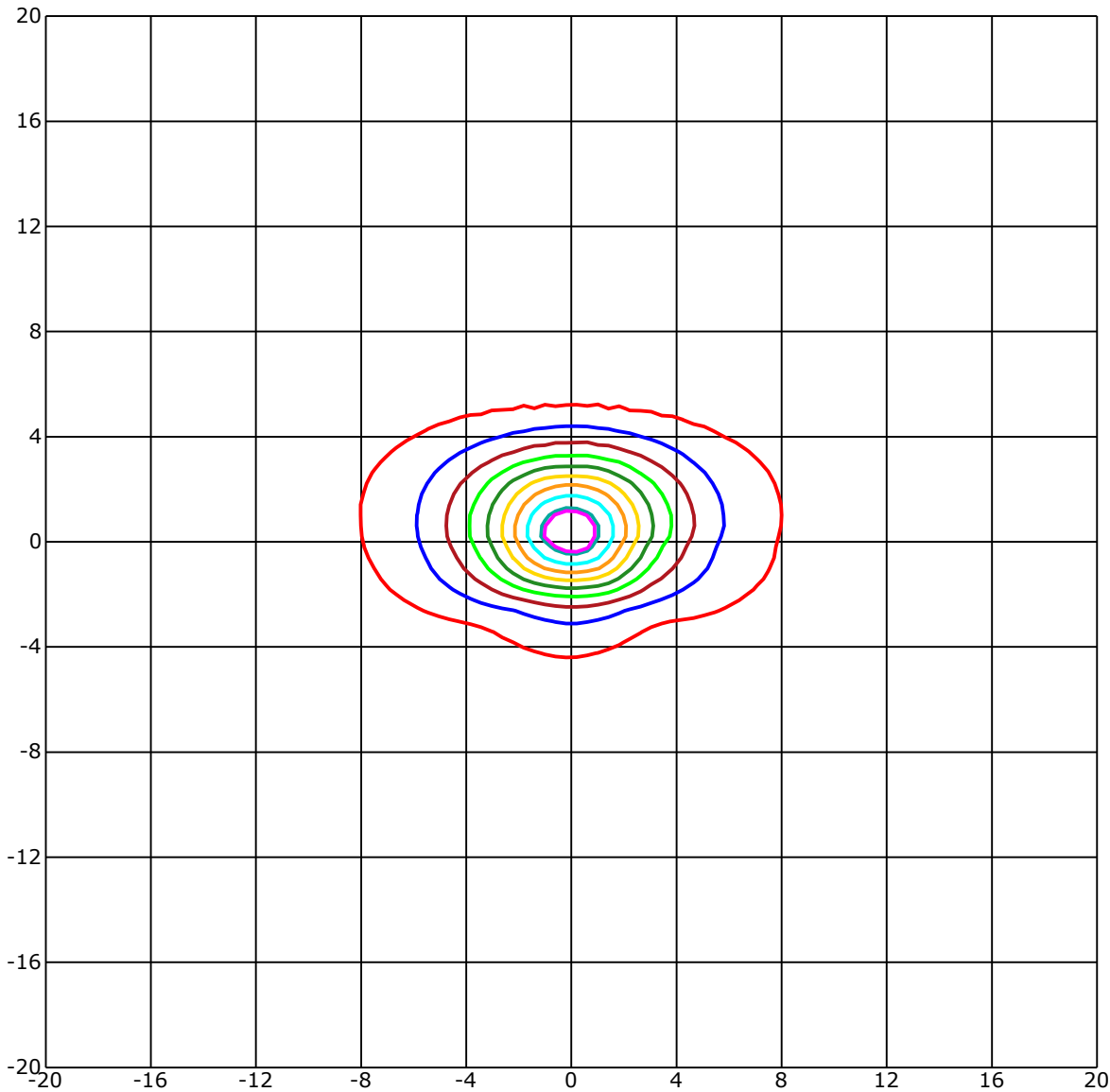
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

ISOLX DIAGRAM



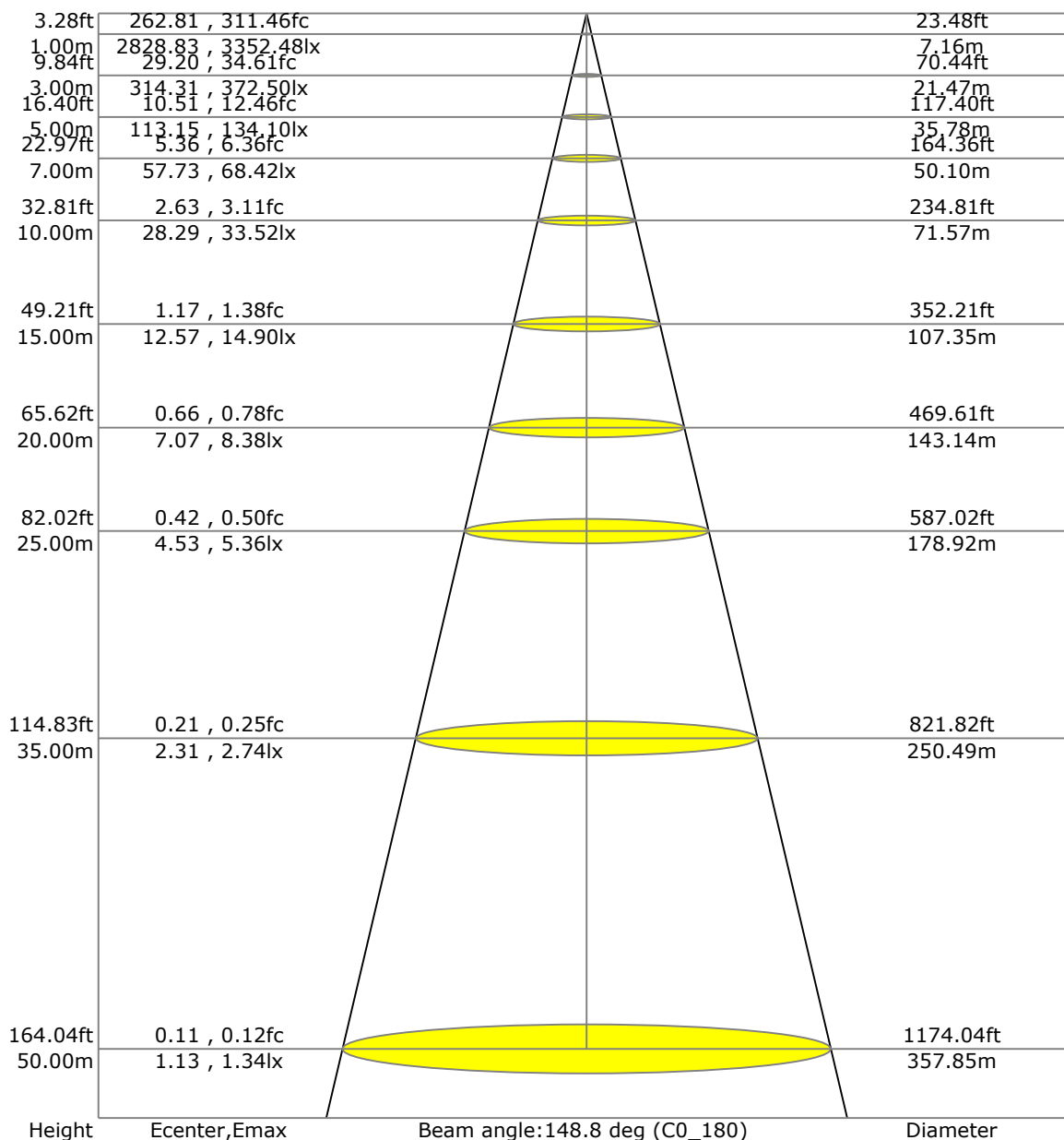
Unit of illumination:lx Height of plane:4.0(m)/13.12(ft)

164.617(92%Emax)	89.466(50%Emax)
161.038(90%Emax)	71.573(40%Emax)
143.145(80%Emax)	53.679(30%Emax)
125.252(70%Emax)	35.786(20%Emax)
107.359(60%Emax)	17.893(10%Emax)

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/11/19 14:38:56

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

LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

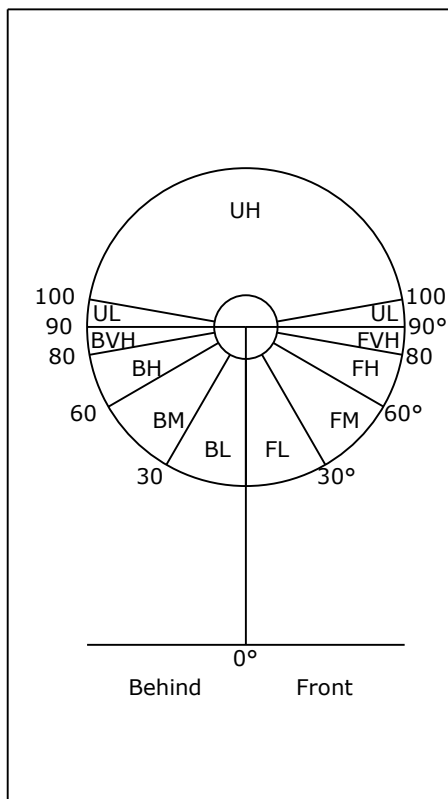
Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

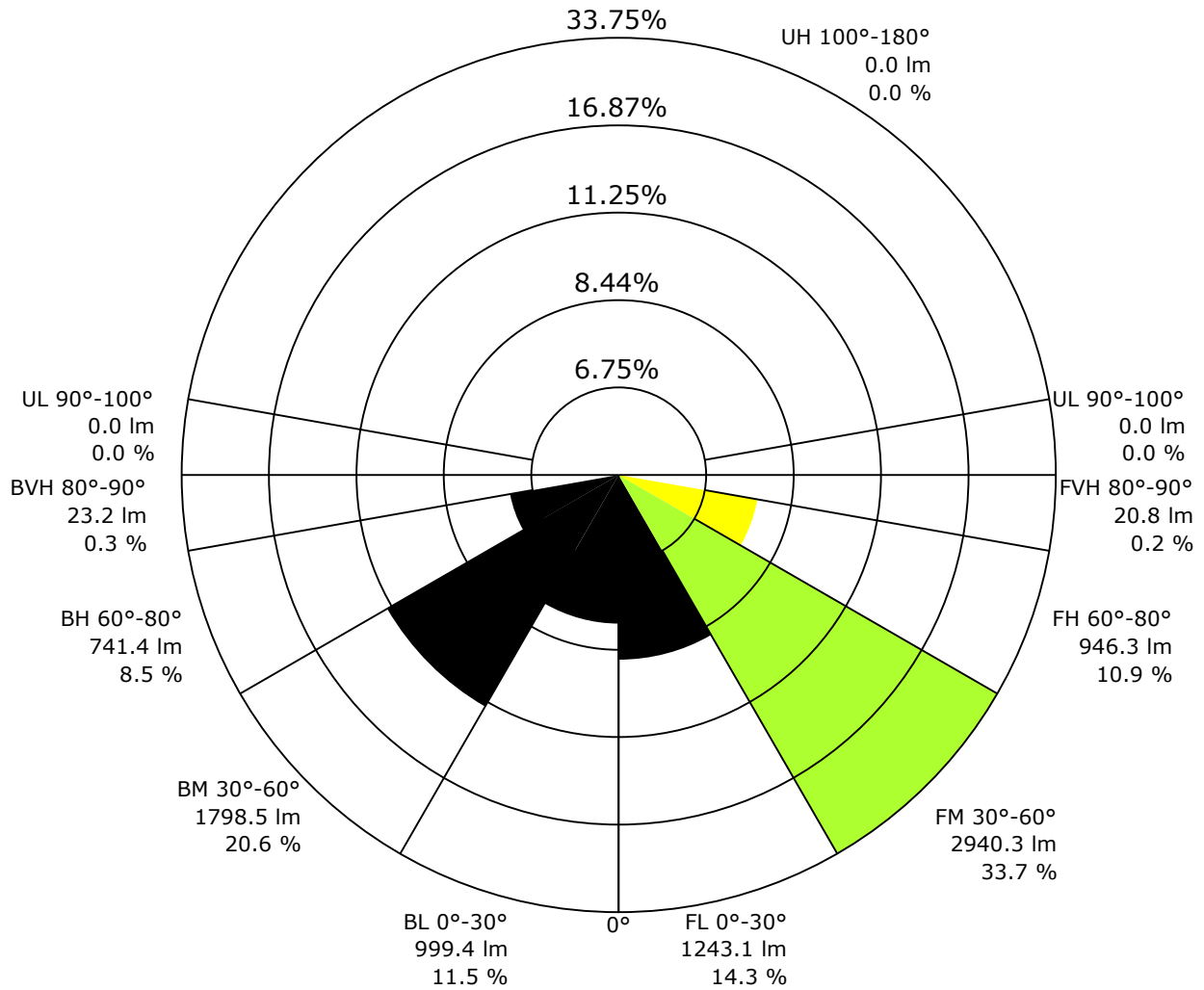
BUG Class



Zonal	Light Flux(lm)	Light Flux(%)
Front	5150.5	59.1
FL (0°-30°)	1243.1	14.3
FM (30°-60°)	2940.3	33.7
FH (60°-80°)	946.3	10.9
FVH (80°-90°)	20.8	0.2
Behind	3562.6	40.9
BL (0°-30°)	999.4	11.5
BM (30°-60°)	1798.5	20.6
BH (60°-80°)	741.4	8.5
BVH (80°-90°)	23.2	0.3
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)	B2 U0 G2
Symmetrical Lighting Fixtures (Type V , Area Light)	B2 U0 G1

LCS 图



Behind
Mark:MAX LCS%
Limit Light:NA,NA

Front

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

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	34.81	35.59	34.56	35.63	35.73	30.32	31.10	30.07	31.13	31.24
3H	34.38	35.09	34.20	35.18	35.34	30.43	31.14	30.25	31.23	31.39
4H	34.14	34.82	34.02	34.93	35.13	30.27	30.95	30.15	31.06	31.26
6H	33.90	34.53	33.82	34.68	34.92	30.04	30.67	29.96	30.82	31.06
8H	33.77	34.38	33.72	34.55	34.81	29.91	30.52	29.86	30.69	30.95
12H	33.64	34.23	33.62	34.41	34.70	29.78	30.37	29.76	30.55	30.83
4H 2H	37.73	38.41	37.61	38.52	38.72	29.71	30.39	29.58	30.50	30.70
3H	37.24	37.83	37.22	38.01	38.30	29.77	30.36	29.75	30.54	30.82
4H	36.98	37.52	37.02	37.73	38.06	29.60	30.13	29.64	30.35	30.68
6H	36.71	37.18	36.81	37.44	37.82	29.35	29.82	29.45	30.08	30.46
8H	36.57	37.01	36.71	37.29	37.70	29.21	29.65	29.35	29.93	30.34
12H	36.43	36.84	36.61	37.13	37.57	29.07	29.48	29.25	29.77	30.21
8H 4H	37.50	38.12	37.46	38.28	38.54	29.35	29.96	29.30	30.13	30.39
6H	36.45	36.81	36.66	37.13	37.60	28.95	29.32	29.16	29.63	30.10
8H	36.31	36.63	36.55	36.97	37.47	28.81	29.14	29.06	29.48	29.97
12H	36.17	36.45	36.45	36.81	37.33	28.68	28.96	28.96	29.32	29.84
12H 4H	36.59	36.99	36.76	37.29	37.73	29.07	29.48	29.25	29.77	30.21
6H	36.31	36.63	36.56	36.97	37.47	28.82	29.14	29.07	29.48	29.98

ZONAL LUMINOUS FLUX TABLE-2

γ	C0	C5	C10	C15	C20	C25	C30	C35	γ	φ zonal	φ total	%lum	%lamp
10	2813.8	2800.7	2812.3	2833.6	2837.1	2861.7	2862.4	2884.5	10	265.9	265.9	3.1	3.1
20	2782.1	2840.4	2862.2	2893.7	2907.2	2935.2	2943.4	2965.6	20	773.3	1039.1	11.9	11.9
30	2723.9	2856.5	2894.0	2931.6	2956.0	2983.7	2997.3	3014.3	30	1203.3	2242.5	25.7	25.7
40	2731.7	2946.5	2977.2	3034.4	3034.9	3059.8	3047.0	3040.5	40	1500.7	3743.2	43.0	43.0
50	2886.2	3137.5	3205.8	3234.0	3229.3	3182.9	3125.7	2938.6	50	1657.8	5400.9	62.0	62.0
60	2944.7	3248.5	3297.8	3287.3	3187.0	2998.2	2759.2	2362.2	60	1580.2	6981.2	80.1	80.1
70	2354.7	2358.0	2454.2	2299.8	2164.2	1796.4	1529.5	979.3	70	1220.0	8201.2	94.1	94.1
80	471.7	214.4	209.9	165.9	193.7	145.2	123.8	68.3	80	467.8	8669.0	99.5	99.5
90	20.8	22.2	0.0	23.4	0.0	20.9	0.0	20.5	90	44.0	8713.0	100.0	100.0

Conical surface Flux(90deg) : 4561.0 lm

%lum = 52.3%

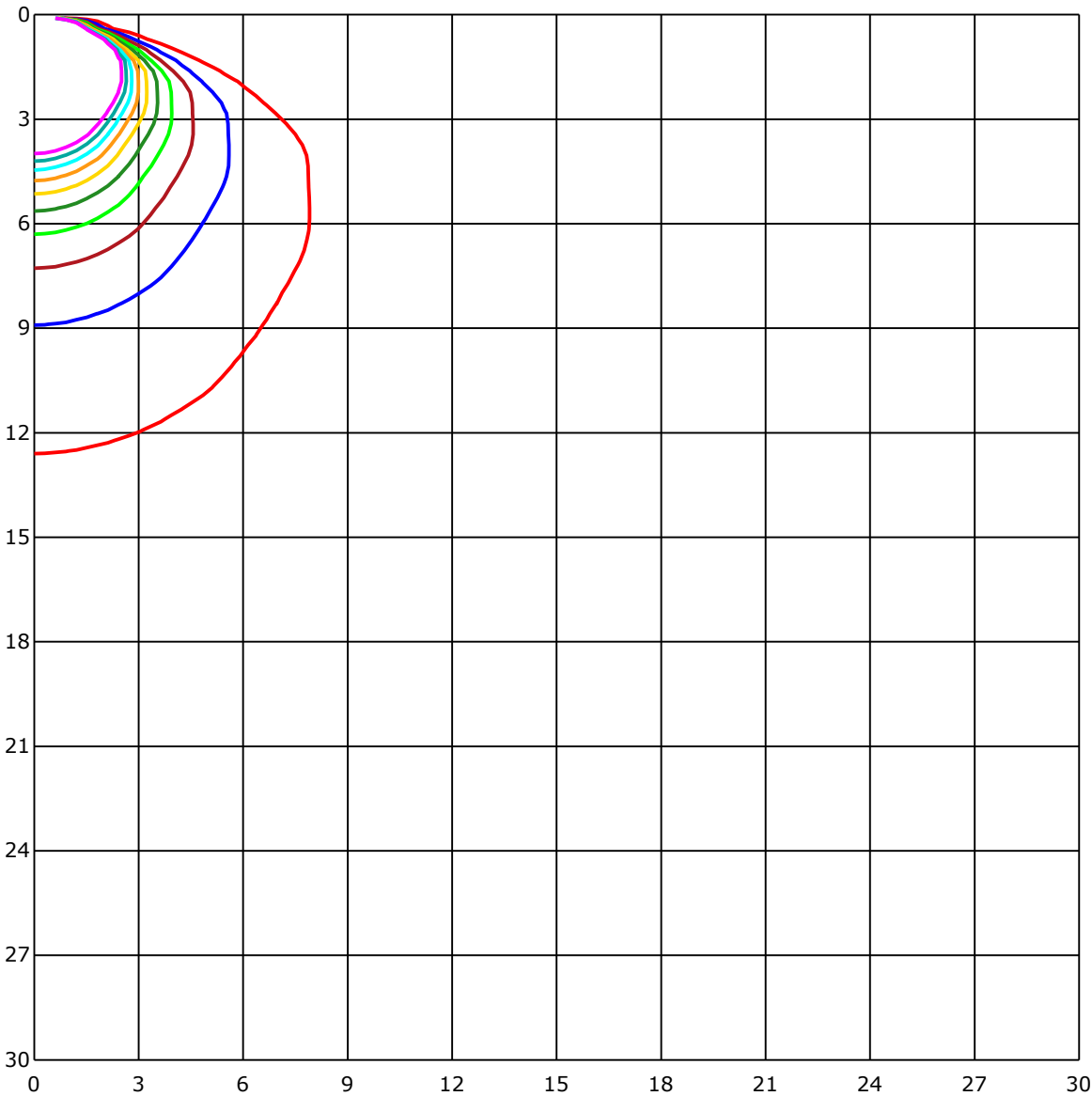
%lamp = 52.3%

Conical surface Flux(120deg) : 6981.2 lm

%lum = 80.1%

%lamp = 80.1%

SPACE ISOLX DIAGRAM



Unit of illumination:lx

- | | |
|---------|--------|
| 178.337 | 89.168 |
| 160.503 | 71.335 |
| 142.669 | 53.501 |
| 124.836 | 35.667 |
| 107.002 | 17.834 |

C Range: 0 - 360 Deg
C Interval: 5.0 Deg
Test Speed: High
Temperature:
Operators:
Test Date: 2025/11/19 14:38:56

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	2828.83	2774.03	2773.49	2780.17	2774.93	2786.4	2776.23	2791.93	2778.67	2796.52
G1	2829.97	2774.58	2778.57	2784.8	2780.57	2793.78	2785.95	2802.7	2789.89	2809.03
G2	2829.03	2775.78	2778.62	2790.14	2786.5	2800.91	2794.77	2812.18	2801.95	2821.6
G3	2825.34	2777.82	2781.41	2791.68	2793.13	2807.94	2803.8	2821.7	2812.97	2829.87
G4	2824.59	2780.32	2784.95	2800.56	2799.16	2815.52	2813.02	2830.97	2823.69	2844.18
G5	2824.49	2782.91	2788.64	2805.74	2805.54	2822.99	2821.7	2840.15	2834.36	2855.05
G6	2823.14	2788.84	2792.83	2810.58	2812.62	2830.52	2829.97	2849.37	2841.19	2862.93
G7	2813.32	2789.94	2798.26	2816.86	2819.3	2838.2	2838.45	2858.29	2855.25	2874.35
G8	2811.83	2793.48	2802.8	2822.55	2826.19	2849.22	2847.03	2866.67	2860.74	2884.72
G9	2812.97	2796.92	2807.74	2828.13	2833.07	2853.61	2854.35	2875.44	2873.4	2893.79
G10	2813.77	2800.71	2812.27	2833.61	2837.05	2861.73	2862.38	2884.47	2882.52	2902.62
G11	2805.49	2803.95	2816.51	2839.9	2846.63	2869.46	2870.56	2892.75	2892.55	2911.49
G12	2803.95	2808.54	2820.8	2846.53	2851.46	2877.74	2878.54	2901.17	2899.88	2920.96
G13	2804.55	2813.27	2827.18	2851.76	2860.59	2882.57	2887.11	2910.25	2909.05	2929.44
G14	2805.89	2817.21	2831.02	2861.48	2867.77	2893.04	2895.49	2921.11	2917.97	2938.07
G15	2795.22	2821.7	2836.41	2864.28	2874.05	2900.27	2904.21	2928.04	2926.75	2946.69
G16	2792.33	2821.85	2841.59	2870.21	2880.58	2907.9	2911.84	2935.42	2935.62	2954.62
G17	2794.33	2827.73	2846.63	2876.49	2887.01	2914.73	2920.32	2943.95	2944.05	2963.84
G18	2795.72	2832.47	2851.81	2882.57	2893.74	2921.71	2928.54	2951.98	2951.93	2969.78
G19	2778.27	2834.96	2856.8	2888.36	2902.62	2928.69	2936.27	2958.96	2959.75	2975.66
G20	2782.06	2840.44	2862.18	2893.74	2907.15	2935.17	2943.4	2965.64	2967.23	2983.44
G21	2783.41	2843.09	2866.52	2898.93	2912.94	2941.31	2950.08	2971.92	2974.51	2988.92
G22	2782.36	2845.83	2870.86	2901.07	2919.47	2947.34	2953.47	2977.5	2980.64	2994.21
G23	2774.68	2845.23	2874.2	2907.6	2925.15	2952.43	2960.85	2982.64	2986.18	2998.79
G24	2790.24	2846.53	2878.79	2911.79	2931.09	2961.85	2968.08	2988.12	2991.71	3002.98
G25	2790.89	2847.62	2881.43	2914.88	2937.12	2963.09	2973.22	2992.81	2996.3	3007.07
G26	2771.24	2849.17	2884.02	2917.92	2941.11	2967.58	2978.6	2997.9	3002.63	3010.36
G27	2757.88	2850.07	2885.77	2920.57	2944.8	2972.72	2983.29	3002.63	3004.68	3011.51
G28	2754.89	2850.72	2887.41	2923.36	2948.69	2976.21	2988.87	3009.91	3008.47	3015.25
G29	2748.31	2853.86	2889.85	2926.45	2949.73	2981.09	2992.66	3010.66	3012.55	3016.84
G30	2723.93	2856.5	2894.04	2931.63	2956.01	2983.69	2997.3	3014.3	3016.09	3018.74
G31	2731.11	2861.04	2895.59	2936.97	2960.85	2991.16	3001.39	3018.24	3019.08	3019.38
G32	2727.22	2866.87	2899.83	2946.09	2965.44	2994.26	3006.42	3021.48	3021.28	3019.28
G33	2693.51	2873.2	2905.96	2952.13	2971.27	3001.73	3011.71	3025.67	3022.82	3018.59
G34	2718.19	2880.78	2913.54	2960.5	2977.45	3007.32	3015.35	3028.56	3024.77	3017.14
G35	2718.24	2888.11	2921.56	2969.48	2984.38	3013.75	3019.68	3031.5	3025.92	3016.99
G36	2689.18	2896.78	2930.39	2980.1	2992.51	3021.18	3021.78	3034.24	3026.81	3013.3

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2717.89	2905.86	2939.96	2987.97	3001.44	3029.8	3030.7	3036.63	3027.11	3009.16
G38	2714.35	2916.98	2949.28	3003.73	3014.45	3040.97	3036.39	3038.63	3026.36	3003.28
G39	2704.03	2929.64	2963.44	3017.84	3022.72	3049.0	3038.63	3039.28	3026.16	2995.75
G40	2731.71	2946.49	2977.2	3034.39	3034.94	3059.82	3047.01	3040.52	3022.87	2985.43
G41	2712.56	2969.83	2993.56	3053.74	3049.45	3072.63	3053.69	3041.67	3020.18	2955.12
G42	2746.91	2991.16	3013.5	3077.52	3064.75	3089.38	3061.16	3042.97	3014.5	2905.16
G43	2750.2	3018.69	3036.83	3103.74	3086.24	3107.78	3068.99	3045.06	3007.62	2862.43
G44	2775.38	3048.15	3063.96	3133.61	3110.08	3127.63	3080.96	3043.76	2997.9	2829.87
G45	2790.29	3077.77	3094.62	3163.27	3131.36	3147.12	3089.83	3048.5	2974.01	2806.19
G46	2802.35	3104.44	3125.83	3190.1	3160.83	3165.32	3101.7	3043.37	2932.93	2780.47
G47	2836.36	3125.18	3154.3	3213.38	3185.76	3178.53	3112.82	3027.51	2896.04	2745.42
G48	2851.21	3138.05	3181.42	3230.93	3207.45	3189.2	3121.74	2998.39	2868.46	2682.05
G49	2870.21	3139.14	3196.08	3234.92	3221.76	3190.84	3128.97	2966.88	2848.77	2621.17
G50	2886.16	3137.5	3205.75	3234.02	3229.28	3182.87	3125.68	2938.56	2823.44	2566.13
G51	2890.8	3128.77	3205.7	3227.84	3227.39	3169.46	3112.52	2905.66	2786.2	2511.33
G52	2905.71	3119.75	3199.27	3218.22	3219.86	3150.01	3084.75	2869.21	2725.27	2446.42
G53	2900.72	3121.49	3189.8	3209.24	3207.05	3128.62	3045.76	2816.96	2662.2	2365.1
G54	2891.25	3133.61	3184.31	3207.3	3192.89	3108.08	3001.63	2749.35	2598.58	2278.0
G55	2895.04	3148.12	3187.7	3216.77	3184.61	3093.97	2960.9	2689.87	2539.7	2192.29
G56	2894.99	3163.32	3206.1	3227.54	3176.73	3074.98	2928.79	2636.93	2462.37	2097.27
G57	2894.04	3182.17	3225.5	3240.6	3177.78	3059.02	2893.84	2581.18	2375.67	1986.98
G58	2905.56	3207.25	3245.64	3254.86	3181.27	3040.42	2855.75	2514.77	2287.12	1874.7
G59	2919.32	3226.94	3272.16	3272.51	3184.36	3021.03	2811.08	2441.73	2200.07	1763.27
G60	2944.7	3248.48	3297.79	3287.32	3187.01	2998.19	2759.23	2362.16	2098.51	1641.62
G61	2971.27	3265.53	3322.07	3298.79	3183.17	2966.34	2701.44	2276.35	1989.47	1512.88
G62	3004.28	3270.82	3335.83	3301.38	3173.84	2925.8	2633.68	2185.21	1868.97	1379.61
G63	3014.6	3244.39	3328.25	3284.23	3153.55	2872.5	2555.71	2076.97	1741.63	1233.48
G64	2995.55	3172.15	3274.11	3226.69	3109.43	2802.35	2465.56	1963.2	1602.43	1073.29
G65	2948.19	3060.97	3173.29	3114.81	3022.13	2693.61	2355.83	1837.86	1455.8	893.75
G66	2863.18	2922.36	3043.62	2973.42	2889.4	2551.67	2227.84	1702.04	1298.84	701.3
G67	2744.87	2778.82	2891.55	2813.12	2729.11	2384.4	2060.92	1550.23	1126.29	523.21
G68	2610.25	2643.11	2746.16	2650.84	2549.57	2203.56	1889.46	1386.19	931.74	390.29
G69	2473.69	2509.89	2603.02	2485.56	2363.46	2009.47	1715.85	1201.02	733.86	294.01
G70	2354.68	2358.02	2454.25	2299.79	2164.22	1796.37	1529.54	979.26	564.94	226.01
G71	2252.97	2157.44	2264.74	2081.41	1940.81	1564.59	1330.7	762.87	428.43	178.94
G72	2142.69	1918.97	2016.75	1811.78	1682.15	1320.23	1122.7	580.09	325.57	146.38
G73	1933.13	1682.3	1736.99	1521.86	1397.16	1065.86	903.97	441.14	247.84	124.69

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2782.76	2801.66	2782.16	2805.59	2784.7	2810.13	2786.8	2814.42	2793.18	2816.36
G1	2794.68	2816.26	2798.66	2821.8	2803.05	2827.08	2807.59	2831.97	2809.58	2833.27
G2	2809.98	2829.18	2814.82	2836.85	2819.6	2842.39	2823.64	2848.57	2827.33	2851.11
G3	2823.54	2843.98	2828.58	2852.26	2835.86	2857.75	2841.09	2863.98	2844.48	2866.52
G4	2833.81	2855.1	2842.79	2864.48	2850.72	2871.66	2856.6	2878.54	2860.24	2880.88
G5	2845.53	2866.47	2856.3	2876.39	2864.97	2884.77	2871.21	2892.45	2875.69	2895.04
G6	2857.1	2877.14	2865.02	2887.61	2878.14	2897.13	2887.31	2904.21	2890.25	2907.0
G7	2868.36	2887.71	2880.58	2898.48	2889.95	2906.21	2899.33	2915.68	2902.67	2919.67
G8	2878.84	2900.22	2888.31	2908.65	2901.22	2920.32	2908.9	2927.0	2914.63	2930.74
G9	2889.21	2907.5	2902.17	2920.07	2911.24	2926.35	2922.01	2938.86	2926.0	2941.41
G10	2895.24	2917.38	2910.74	2930.09	2921.36	2939.41	2930.74	2946.24	2937.57	2951.53
G11	2905.36	2926.95	2920.17	2938.96	2930.99	2947.69	2940.51	2955.07	2947.54	2959.85
G12	2917.52	2936.72	2929.44	2948.19	2939.56	2955.37	2949.48	2962.0	2956.16	2968.38
G13	2927.1	2945.69	2942.1	2955.17	2948.19	2962.15	2957.51	2969.48	2964.14	2975.41
G14	2935.92	2950.03	2946.84	2962.55	2956.11	2971.17	2965.14	2975.61	2969.68	2981.14
G15	2944.25	2961.15	2956.31	2969.23	2963.34	2973.96	2971.27	2980.59	2977.45	2985.98
G16	2952.33	2968.08	2962.45	2975.21	2970.32	2979.15	2976.66	2984.93	2981.94	2990.12
G17	2960.95	2973.86	2968.93	2979.95	2975.76	2983.39	2981.34	2986.83	2985.83	2992.81
G18	2966.04	2979.8	2975.81	2984.23	2980.89	2986.83	2984.78	2990.47	2989.47	2994.46
G19	2972.77	2985.03	2980.74	2987.57	2983.14	2988.42	2987.18	2990.77	2991.86	2994.6
G20	2979.4	2989.42	2982.99	2989.87	2988.22	2989.17	2988.42	2990.72	2993.11	2995.9
G21	2985.03	2992.66	2989.27	2991.26	2986.03	2989.17	2988.62	2988.97	2994.6	2991.41
G22	2990.17	2996.7	2991.61	2991.96	2990.82	2988.07	2987.57	2983.64	2993.11	2987.87
G23	2996.75	2998.59	2994.46	2991.46	2990.12	2986.23	2985.93	2982.24	2987.82	2984.18
G24	2999.29	3002.43	2995.65	2992.76	2989.42	2982.74	2983.34	2977.2	2984.03	2979.25
G25	3002.38	3001.49	2998.24	2990.67	2987.67	2978.55	2979.9	2969.93	2979.55	2973.42
G26	3005.27	3002.98	2999.64	2988.27	2984.58	2972.02	2974.66	2963.09	2973.96	2966.09
G27	3006.37	3003.23	2996.15	2984.08	2980.49	2965.99	2969.03	2955.47	2967.23	2958.76
G28	3009.96	3003.33	2994.55	2980.05	2976.21	2961.8	2962.6	2946.79	2959.6	2948.84
G29	3012.0	3002.18	2994.26	2974.81	2970.47	2950.73	2955.32	2935.77	2948.98	2937.82
G30	3012.75	2999.19	2989.87	2968.73	2964.39	2940.36	2946.94	2922.31	2938.96	2923.36
G31	3013.8	2998.09	2985.68	2961.75	2956.91	2930.09	2935.32	2901.07	2927.7	2902.77
G32	3012.9	2994.95	2982.99	2952.67	2948.39	2903.02	2918.57	2832.72	2908.4	2840.29
G33	3011.21	2988.27	2978.0	2940.81	2935.92	2833.07	2890.15	2748.31	2857.1	2747.36
G34	3008.12	2983.84	2970.92	2907.7	2912.89	2761.57	2809.43	2688.88	2768.6	2677.66
G35	3005.17	2972.87	2961.6	2842.29	2842.69	2718.39	2738.83	2666.84	2702.19	2646.6
G36	3000.14	2961.7	2944.55	2783.71	2776.63	2694.36	2692.92	2641.81	2673.97	2621.72

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2792.58	2816.21	2796.72	2820.95	2799.41	2820.95	2802.4	2823.99	2807.49	2825.04
G1	2812.62	2836.8	2815.67	2837.7	2816.86	2836.71	2818.66	2837.65	2821.25	2836.26
G2	2829.97	2853.26	2831.97	2854.11	2833.71	2851.01	2833.36	2850.12	2834.31	2846.98
G3	2847.87	2867.22	2848.42	2867.97	2848.87	2865.02	2846.93	2860.49	2846.28	2857.5
G4	2864.48	2882.97	2863.38	2882.52	2863.48	2879.88	2859.99	2874.3	2857.84	2868.02
G5	2878.79	2895.84	2877.69	2895.79	2877.29	2891.2	2874.35	2885.57	2867.97	2879.33
G6	2889.55	2908.45	2891.45	2908.1	2888.56	2902.77	2887.56	2896.29	2880.28	2889.16
G7	2906.41	2922.31	2904.16	2919.92	2902.02	2914.78	2896.09	2906.66	2891.2	2899.18
G8	2914.13	2930.94	2916.08	2930.94	2913.34	2922.71	2907.45	2916.88	2897.63	2908.6
G9	2930.09	2941.31	2928.24	2938.27	2924.06	2936.12	2919.92	2926.7	2911.44	2918.37
G10	2940.26	2951.98	2937.52	2950.43	2934.53	2945.4	2928.89	2936.67	2920.57	2926.85
G11	2950.38	2961.15	2948.39	2959.31	2945.2	2954.82	2939.26	2948.74	2930.29	2935.47
G12	2958.61	2969.08	2957.71	2967.93	2954.72	2963.99	2945.54	2956.11	2938.76	2944.65
G13	2966.93	2976.46	2966.34	2977.55	2963.04	2971.17	2954.67	2965.44	2947.69	2952.82
G14	2973.47	2982.94	2974.61	2981.74	2971.52	2979.2	2966.98	2973.56	2956.26	2963.39
G15	2980.1	2987.62	2981.14	2988.17	2979.2	2986.48	2975.36	2981.79	2965.29	2969.68
G16	2984.88	2992.91	2983.29	2993.16	2985.93	2995.5	2982.64	2989.47	2973.66	2977.95
G17	2989.07	2993.21	2991.91	2997.8	2993.11	3002.23	2989.37	2996.75	2983.74	2986.13
G18	2996.25	2995.55	2996.15	3001.68	2998.19	3004.23	2995.8	3003.83	2989.37	2994.11
G19	2994.8	2997.35	2998.14	3004.78	3002.93	3012.75	3002.93	3010.46	2997.35	3002.63
G20	2998.59	2998.44	3000.89	3006.97	3006.07	3014.05	3008.81	3016.94	3004.63	3010.86
G21	2995.5	2996.85	3001.88	3008.91	3010.21	3017.44	3013.95	3021.88	3012.1	3016.54
G22	2994.65	2994.26	3002.38	3009.71	3012.0	3020.63	3018.69	3028.71	3017.19	3023.02
G23	2991.86	2991.51	3002.13	3008.37	3013.7	3023.27	3024.87	3031.3	3024.87	3024.97
G24	2986.78	2987.18	2999.44	3006.97	3015.25	3025.27	3027.21	3035.49	3030.55	3034.54
G25	2982.09	2983.09	2997.25	3004.23	3015.25	3026.02	3028.71	3042.57	3035.59	3039.18
G26	2979.05	2979.1	2993.76	3001.19	3014.6	3024.62	3034.29	3043.62	3039.73	3044.01
G27	2970.12	2970.72	2989.82	2997.15	3014.1	3026.66	3036.88	3047.25	3044.86	3048.15
G28	2964.94	2964.04	2984.23	2992.51	3012.85	3025.22	3038.83	3050.4	3049.15	3052.89
G29	2954.82	2955.96	2979.95	2987.03	3010.56	3025.32	3039.68	3053.79	3052.99	3056.58
G30	2948.19	2945.3	2972.27	2981.94	3008.42	3023.47	3040.57	3052.24	3056.78	3061.16
G31	2936.22	2932.33	2964.59	2974.01	3004.98	3021.03	3041.47	3057.57	3060.47	3065.4
G32	2922.46	2908.9	2955.72	2965.59	3000.69	3018.99	3041.07	3057.97	3063.21	3070.54
G33	2889.06	2842.49	2944.25	2955.37	2996.05	3016.09	3040.62	3059.82	3068.44	3074.58
G34	2800.96	2755.44	2924.36	2928.64	2990.82	3010.36	3040.12	3059.22	3068.99	3079.51
G35	2717.99	2697.7	2861.83	2859.64	2982.94	3003.53	3038.48	3059.57	3071.19	3085.05
G36	2669.03	2670.28	2777.03	2785.1	2970.42	2993.61	3035.44	3058.67	3073.23	3088.84

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2812.92	2826.43	2817.31	2827.53	2821.15	2829.53	2828.83	2774.03	2773.49	2780.17
G1	2823.89	2835.16	2825.64	2834.21	2826.53	2831.77	2830.57	2773.54	2770.69	2775.48
G2	2832.47	2843.83	2829.97	2837.4	2826.83	2831.37	2830.62	2772.44	2767.45	2771.14
G3	2842.99	2852.51	2840.79	2845.48	2836.16	2836.51	2832.77	2771.14	2764.46	2766.31
G4	2852.51	2861.58	2847.77	2851.81	2837.85	2840.94	2834.51	2770.34	2762.07	2761.12
G5	2863.13	2870.26	2855.1	2858.24	2845.13	2844.08	2836.01	2768.65	2759.63	2755.89
G6	2871.51	2878.89	2862.63	2864.13	2850.12	2850.12	2838.5	2767.9	2757.43	2753.09
G7	2880.88	2887.26	2869.11	2870.56	2855.85	2851.86	2837.0	2767.25	2751.65	2747.11
G8	2889.8	2895.69	2876.79	2877.44	2860.89	2856.3	2842.04	2767.0	2754.19	2742.62
G9	2898.68	2903.81	2883.57	2885.77	2866.52	2860.34	2844.43	2766.75	2751.9	2739.08
G10	2907.75	2912.19	2891.85	2891.15	2871.46	2865.22	2846.98	2768.2	2750.55	2735.74
G11	2916.63	2919.87	2900.37	2897.68	2877.14	2870.01	2850.07	2766.75	2751.35	2732.35
G12	2925.75	2927.8	2907.65	2903.61	2882.97	2874.95	2852.71	2767.1	2750.35	2724.23
G13	2934.48	2935.67	2914.83	2912.19	2888.56	2879.98	2857.15	2768.4	2746.91	2721.38
G14	2943.2	2943.45	2920.87	2916.48	2894.69	2885.07	2858.89	2769.5	2746.16	2721.73
G15	2951.83	2953.72	2930.59	2926.05	2900.97	2890.35	2862.38	2771.54	2745.71	2718.09
G16	2959.31	2959.55	2938.46	2933.18	2907.05	2895.04	2865.62	2773.93	2745.17	2716.6
G17	2965.74	2967.88	2945.84	2940.36	2911.09	2897.93	2869.41	2774.38	2744.97	2711.46
G18	2975.71	2975.46	2953.27	2946.99	2920.32	2903.76	2873.5	2776.28	2744.52	2708.67
G19	2983.49	2985.53	2960.75	2952.57	2925.95	2907.1	2875.99	2777.77	2744.12	2706.08
G20	2991.76	2990.92	2968.03	2958.11	2931.44	2910.49	2879.23	2779.32	2743.42	2702.69
G21	2998.84	2997.45	2973.61	2963.09	2935.52	2916.13	2881.38	2778.37	2742.77	2699.4
G22	3005.67	3003.53	2979.75	2968.78	2939.46	2914.98	2879.73	2781.46	2740.88	2694.91
G23	3012.1	3009.81	2985.98	2972.27	2942.85	2916.33	2883.37	2781.76	2738.49	2690.72
G24	3017.69	3015.4	2991.11	2976.21	2945.2	2918.62	2883.47	2780.86	2735.49	2685.19
G25	3022.92	3019.73	2995.3	2979.9	2947.44	2919.42	2882.77	2779.02	2731.46	2679.9
G26	3028.01	3024.22	2999.59	2983.34	2950.13	2920.77	2882.47	2777.13	2727.57	2671.08
G27	3033.74	3028.66	3003.73	2986.83	2953.02	2922.26	2881.63	2774.98	2725.77	2666.89
G28	3036.53	3032.4	3008.32	2990.42	2954.57	2921.56	2881.03	2772.34	2718.34	2660.61
G29	3040.77	3037.43	3012.7	2994.26	2957.76	2923.01	2880.63	2772.59	2714.16	2649.79
G30	3047.95	3042.42	3017.79	2998.04	2960.7	2928.79	2882.87	2766.71	2709.42	2641.71
G31	3052.84	3048.55	3022.23	3004.18	2964.59	2932.48	2882.57	2764.96	2704.93	2637.03
G32	3058.07	3053.84	3027.11	3009.81	2967.53	2936.42	2884.72	2765.36	2701.04	2628.85
G33	3061.02	3060.07	3032.3	3016.09	2974.21	2942.5	2887.01	2764.06	2697.6	2621.57
G34	3068.74	3068.99	3038.83	3024.17	2980.99	2949.98	2891.3	2762.67	2694.01	2613.84
G35	3074.88	3074.18	3046.21	3033.34	2989.52	2960.7	2896.83	2762.72	2691.42	2606.41
G36	3080.96	3082.4	3054.43	3044.61	2996.25	2970.92	2904.51	2764.71	2689.97	2599.33

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2774.93	2786.4	2776.23	2791.93	2778.67	2796.52	2782.76	2801.66	2782.16	2805.59
G1	2768.2	2775.23	2767.3	2781.26	2767.95	2783.11	2764.96	2786.85	2764.41	2788.49
G2	2761.97	2767.0	2756.58	2769.55	2754.39	2771.54	2748.81	2770.84	2746.21	2770.44
G3	2755.29	2762.47	2745.91	2757.43	2737.69	2754.09	2730.86	2753.04	2725.17	2751.4
G4	2748.21	2752.1	2734.8	2747.01	2723.63	2740.38	2711.56	2734.0	2703.54	2729.86
G5	2741.73	2744.02	2723.48	2731.75	2707.42	2721.28	2692.32	2713.56	2679.85	2703.39
G6	2735.1	2734.55	2712.16	2718.19	2692.62	2703.54	2671.28	2691.02	2652.58	2681.25
G7	2728.21	2724.97	2701.39	2706.68	2673.87	2686.68	2650.29	2667.44	2630.19	2655.17
G8	2723.78	2715.95	2691.27	2690.17	2663.55	2665.34	2629.2	2644.9	2604.07	2626.21
G9	2718.24	2707.22	2677.76	2675.62	2648.29	2645.75	2609.7	2618.78	2577.79	2597.14
G10	2710.02	2697.9	2666.94	2660.86	2632.64	2624.46	2587.72	2592.95	2551.07	2567.37
G11	2707.82	2689.67	2656.87	2646.8	2615.84	2605.76	2568.42	2566.53	2523.4	2536.66
G12	2701.89	2680.75	2649.49	2631.69	2598.73	2581.18	2546.03	2539.6	2494.03	2503.56
G13	2694.61	2671.68	2637.77	2617.08	2580.94	2563.39	2521.46	2511.58	2463.97	2469.45
G14	2689.97	2663.4	2625.86	2602.57	2562.39	2540.4	2495.23	2483.71	2432.81	2432.91
G15	2684.64	2652.78	2614.79	2587.12	2546.33	2514.82	2469.0	2451.16	2401.25	2396.51
G16	2678.76	2646.05	2603.32	2570.71	2525.09	2492.09	2442.83	2417.95	2367.64	2357.62
G17	2672.97	2636.98	2590.61	2551.87	2503.61	2466.66	2416.06	2386.34	2332.39	2318.53
G18	2667.49	2627.4	2577.35	2535.81	2479.92	2440.39	2386.19	2351.69	2295.15	2276.6
G19	2661.75	2617.88	2564.43	2518.01	2457.84	2414.51	2352.14	2317.24	2257.26	2234.32
G20	2655.07	2608.01	2550.62	2499.12	2435.2	2386.94	2320.83	2280.24	2216.33	2187.86
G21	2648.49	2597.89	2536.66	2480.62	2413.26	2358.92	2289.57	2242.05	2174.4	2139.89
G22	2641.71	2586.37	2522.05	2460.93	2389.93	2328.31	2254.42	2200.42	2129.22	2089.34
G23	2633.93	2574.7	2506.35	2441.33	2365.05	2301.38	2216.92	2157.99	2080.71	2039.33
G24	2626.9	2562.29	2489.4	2419.84	2337.63	2268.98	2175.99	2113.27	2030.41	1986.33
G25	2616.63	2549.92	2472.49	2401.5	2310.01	2233.83	2137.45	2069.44	1980.5	1932.78
G26	2606.86	2536.26	2454.3	2375.37	2281.14	2197.98	2093.83	2020.88	1928.85	1876.74
G27	2593.6	2522.2	2435.65	2350.84	2250.33	2160.88	2052.59	1972.52	1875.65	1819.41
G28	2586.67	2507.79	2415.86	2326.06	2218.17	2122.29	2007.97	1922.12	1821.6	1760.63
G29	2575.35	2492.74	2394.62	2300.59	2184.67	2082.81	1961.1	1870.41	1761.77	1700.35
G30	2560.44	2477.23	2373.58	2273.81	2149.67	2041.18	1909.3	1819.51	1703.74	1636.63
G31	2550.92	2460.88	2350.59	2246.09	2113.47	1998.75	1861.59	1761.87	1642.91	1573.81
G32	2538.81	2444.13	2327.31	2216.13	2076.67	1953.97	1810.63	1705.48	1577.1	1505.75
G33	2525.64	2425.93	2302.43	2184.57	2037.14	1908.5	1757.44	1644.96	1510.64	1439.59
G34	2513.58	2406.98	2277.25	2151.16	1997.1	1860.99	1704.64	1582.38	1444.88	1376.42
G35	2501.86	2387.49	2250.93	2116.81	1954.92	1811.73	1642.96	1516.32	1380.36	1324.37
G36	2488.1	2368.59	2223.7	2081.66	1908.75	1759.43	1581.19	1448.32	1321.53	1279.95

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2784.7	2810.13	2786.8	2814.42	2793.18	2816.36	2792.58	2816.21	2796.72	2820.95
G1	2765.56	2791.83	2768.05	2795.82	2768.75	2797.22	2771.74	2800.01	2776.58	2802.8
G2	2745.02	2771.79	2745.37	2773.88	2746.66	2773.49	2748.76	2779.82	2754.39	2783.26
G3	2722.03	2750.45	2716.6	2751.0	2720.24	2754.09	2723.73	2757.83	2730.86	2762.52
G4	2696.95	2727.77	2694.31	2726.77	2694.56	2729.26	2696.9	2733.5	2705.03	2739.63
G5	2669.58	2702.94	2665.34	2700.79	2663.35	2702.64	2668.24	2707.62	2677.66	2716.55
G6	2642.51	2674.77	2635.48	2671.63	2635.48	2673.07	2638.87	2679.55	2651.23	2691.17
G7	2617.28	2645.7	2605.37	2641.81	2603.37	2646.05	2609.15	2649.74	2624.96	2663.3
G8	2589.06	2615.44	2576.75	2610.2	2571.81	2610.75	2579.89	2618.93	2599.53	2635.48
G9	2560.14	2583.68	2548.48	2577.35	2539.3	2577.54	2550.07	2587.87	2572.11	2607.11
G10	2531.88	2552.82	2515.87	2542.64	2507.59	2542.1	2518.86	2554.51	2543.84	2577.2
G11	2500.61	2515.32	2485.16	2506.9	2473.79	2506.85	2484.81	2520.31	2513.18	2546.53
G12	2467.26	2478.23	2449.26	2467.81	2436.2	2467.91	2448.51	2483.21	2483.06	2513.68
G13	2432.01	2443.38	2409.18	2427.77	2399.75	2428.32	2409.47	2445.52	2444.52	2477.48
G14	2394.92	2400.2	2371.53	2384.15	2357.87	2385.69	2369.24	2404.89	2407.23	2443.03
G15	2354.93	2359.72	2329.5	2341.92	2315.99	2342.17	2327.36	2360.96	2368.09	2406.13
G16	2316.54	2315.74	2283.98	2295.7	2274.01	2296.1	2283.28	2320.23	2327.51	2366.65
G17	2274.41	2272.02	2238.76	2248.83	2223.75	2249.68	2237.22	2276.65	2285.88	2326.76
G18	2229.44	2221.26	2188.16	2196.83	2172.55	2198.03	2188.06	2228.24	2239.46	2284.88
G19	2182.02	2173.65	2136.45	2143.43	2120.75	2144.83	2136.9	2179.28	2194.04	2242.45
G20	2132.17	2120.55	2078.87	2087.84	2066.9	2089.29	2084.6	2126.88	2144.33	2196.48
G21	2082.96	2068.1	2029.41	2036.49	2013.4	2034.89	2033.1	2074.83	2094.97	2150.56
G22	2031.35	2010.81	1973.32	1974.86	1956.52	1976.26	1978.4	2019.49	2043.62	2101.05
G23	1977.11	1956.17	1915.33	1916.43	1896.14	1921.12	1920.42	1964.44	1990.12	2051.6
G24	1920.12	1897.54	1853.96	1856.45	1833.82	1857.75	1860.09	1907.01	1934.58	2000.29
G25	1863.98	1841.99	1794.38	1795.43	1772.74	1797.82	1800.51	1850.22	1878.54	1948.34
G26	1805.55	1777.28	1728.87	1731.36	1709.57	1733.55	1738.94	1789.64	1819.56	1893.7
G27	1745.27	1715.36	1665.35	1667.34	1644.11	1668.84	1674.97	1728.57	1760.58	1838.4
G28	1683.3	1651.29	1601.13	1598.79	1578.84	1602.78	1606.72	1665.3	1699.55	1781.12
G29	1619.13	1586.17	1535.27	1533.62	1511.59	1537.56	1543.84	1600.68	1639.47	1721.39
G30	1552.72	1519.61	1472.6	1473.4	1452.7	1474.49	1477.48	1530.93	1570.17	1660.06
G31	1486.46	1456.49	1415.41	1418.35	1401.55	1418.75	1418.45	1468.36	1503.01	1596.59
G32	1423.84	1399.91	1365.25	1369.19	1354.04	1369.79	1369.19	1408.28	1438.05	1531.43
G33	1366.65	1350.35	1320.68	1325.27	1311.21	1325.92	1324.22	1357.33	1378.77	1460.13
G34	1318.49	1306.62	1281.39	1285.88	1273.47	1286.33	1283.74	1312.65	1328.71	1394.12
G35	1276.16	1267.33	1245.45	1249.48	1238.82	1250.18	1247.49	1273.02	1285.18	1336.29
G36	1239.66	1231.93	1209.35	1216.33	1206.61	1217.28	1214.34	1237.12	1246.04	1288.07

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2799.41	2820.95	2802.4	2823.99	2807.49	2825.04	2812.92	2826.43	2817.31	2827.53
G1	2780.81	2804.6	2785.2	2808.98	2793.13	2814.32	2801.51	2816.76	2809.08	2821.35
G2	2759.92	2787.65	2767.2	2793.58	2777.72	2800.01	2789.94	2807.49	2800.26	2814.07
G3	2738.44	2769.3	2748.06	2777.22	2762.42	2787.15	2777.57	2797.22	2792.58	2806.49
G4	2715.95	2747.91	2727.97	2759.38	2746.91	2773.04	2765.06	2789.04	2782.36	2799.76
G5	2691.22	2728.17	2707.27	2741.78	2730.31	2759.68	2752.4	2776.33	2773.98	2793.03
G6	2669.48	2705.78	2686.68	2726.02	2713.71	2745.57	2741.28	2766.61	2766.01	2786.8
G7	2645.0	2680.05	2667.54	2703.88	2695.91	2731.06	2729.51	2756.09	2762.27	2780.96
G8	2620.77	2658.02	2648.94	2683.99	2682.2	2712.86	2719.94	2746.56	2752.74	2767.5
G9	2594.95	2633.39	2632.84	2664.45	2666.14	2701.69	2708.77	2736.69	2744.17	2755.74
G10	2569.72	2607.76	2610.95	2644.15	2651.13	2685.94	2698.8	2726.92	2727.22	2750.15
G11	2546.28	2581.13	2589.11	2623.86	2635.23	2672.57	2687.73	2715.25	2720.29	2737.34
G12	2514.72	2553.51	2566.28	2602.52	2618.18	2657.67	2675.91	2707.72	2712.91	2728.86
G13	2486.55	2525.14	2542.0	2580.74	2600.38	2639.02	2664.2	2694.76	2692.37	2720.94
G14	2453.35	2494.43	2512.78	2558.0	2581.63	2624.91	2651.43	2672.82	2686.38	2708.17
G15	2420.09	2464.07	2489.2	2534.37	2561.89	2606.36	2637.62	2662.1	2678.21	2698.95
G16	2384.25	2431.91	2461.03	2509.54	2541.2	2588.86	2611.45	2643.41	2653.38	2693.51
G17	2347.75	2400.6	2431.56	2484.46	2518.91	2570.86	2596.64	2626.7	2648.49	2676.01
G18	2309.06	2363.61	2400.75	2457.34	2496.38	2552.02	2575.8	2615.84	2639.47	2666.24
G19	2270.37	2329.8	2368.39	2429.72	2473.24	2529.38	2553.91	2590.46	2613.14	2663.15
G20	2229.39	2292.16	2335.69	2400.95	2449.56	2500.91	2537.66	2580.79	2608.36	2646.85
G21	2188.16	2254.82	2303.08	2374.87	2424.98	2481.12	2503.56	2566.08	2597.79	2652.53
G22	2143.23	2215.33	2271.22	2341.42	2388.48	2446.42	2491.14	2527.74	2585.87	2649.19
G23	2097.66	2174.64	2232.93	2310.96	2362.06	2428.42	2475.19	2527.29	2587.47	2615.74
G24	2046.66	2129.42	2195.34	2279.74	2324.87	2402.39	2431.26	2510.34	2560.59	2609.0
G25	2000.79	2088.89	2156.3	2248.78	2296.6	2363.56	2423.73	2494.28	2537.06	2597.49
G26	1948.99	2038.73	2112.37	2205.66	2261.2	2343.96	2391.18	2490.14	2526.64	2564.43
G27	1896.44	1991.82	2072.04	2164.87	2218.87	2295.35	2388.93	2439.84	2483.81	2563.39
G28	1842.44	1943.9	2026.37	2122.99	2192.0	2280.49	2362.81	2429.77	2481.22	2537.86
G29	1786.9	1892.6	1967.34	2073.68	2134.91	2248.63	2312.6	2404.24	2458.29	2527.84
G30	1731.46	1841.15	1920.32	2033.8	2109.48	2221.16	2295.95	2369.74	2435.7	2522.1
G31	1668.49	1785.55	1860.34	1975.86	2060.47	2198.73	2241.7	2356.08	2426.33	2475.84
G32	1605.27	1728.47	1811.13	1932.78	2033.3	2132.51	2227.0	2306.02	2376.02	2484.26
G33	1537.41	1662.21	1745.17	1870.36	1987.38	2109.98	2177.29	2301.83	2382.9	2461.63
G34	1468.16	1600.98	1694.66	1828.73	1927.65	2045.61	2155.95	2253.12	2341.87	2462.97
G35	1396.17	1524.45	1624.37	1768.25	1884.62	2020.83	2114.32	2245.79	2362.36	2472.0
G36	1327.51	1455.6	1560.25	1726.27	1820.16	1963.3	2080.71	2205.46	2323.97	2412.37

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

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	2821.15	2829.53	2828.83							
G1	2816.16	2825.64	2829.97							
G2	2810.48	2822.84	2829.03							
G3	2805.74	2818.71	2825.34							
G4	2799.11	2817.91	2824.59							
G5	2782.96	2810.88	2824.49							
G6	2779.72	2796.57	2823.14							
G7	2775.83	2794.08	2813.32							
G8	2766.26	2792.38	2811.83							
G9	2759.08	2780.96	2812.97							
G10	2757.28	2778.82	2813.77							
G11	2749.95	2777.77	2805.49							
G12	2737.94	2767.5	2803.95							
G13	2734.5	2761.72	2804.55							
G14	2730.01	2757.58	2805.89							
G15	2714.2	2754.29	2795.22							
G16	2708.47	2743.77	2792.33							
G17	2706.33	2742.37	2794.33							
G18	2696.06	2737.84	2795.72							
G19	2704.93	2734.75	2778.27							
G20	2702.44	2744.52	2782.06							
G21	2678.71	2744.42	2783.41							
G22	2665.89	2719.99	2782.36							
G23	2665.44	2711.71	2774.68							
G24	2632.49	2711.71	2790.24							
G25	2639.12	2688.33	2790.89							
G26	2627.2	2688.63	2771.24							
G27	2595.84	2679.45	2757.88							
G28	2602.77	2656.87	2754.89							
G29	2591.31	2656.07	2748.31							
G30	2561.54	2656.92	2723.93							
G31	2568.72	2629.75	2731.11							
G32	2542.84	2622.72	2727.22							
G33	2558.7	2630.79	2693.51							
G34	2567.32	2600.93	2718.19							
G35	2508.44	2637.97	2718.24							
G36	2512.38	2638.37	2689.18							

C Range: 0 - 360 Deg

C Interval: 5.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2025/11/19 14:38:56

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity:

Test Distance: 7.061 m

Remarks:

