

Report No.:

Test Time: 2024/8/6 11:01:17

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: InBright  
Luminaire Type: IBDL238D168-48W  
Lamp Type:  
Luminous Width: 135 mm  
Luminous Length: 135 mm  
Luminous Height: 55 mm

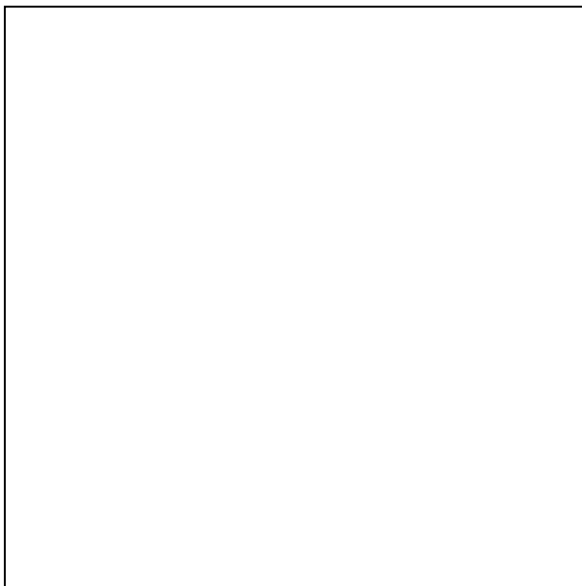
Voltage(V): 219.70 V  
Current(A): 0.2170 A  
Power(W): 46.65 W  
Power Factor: 0.9750  
Lamp Luminous Flux: 5353.74

### Photometric Results

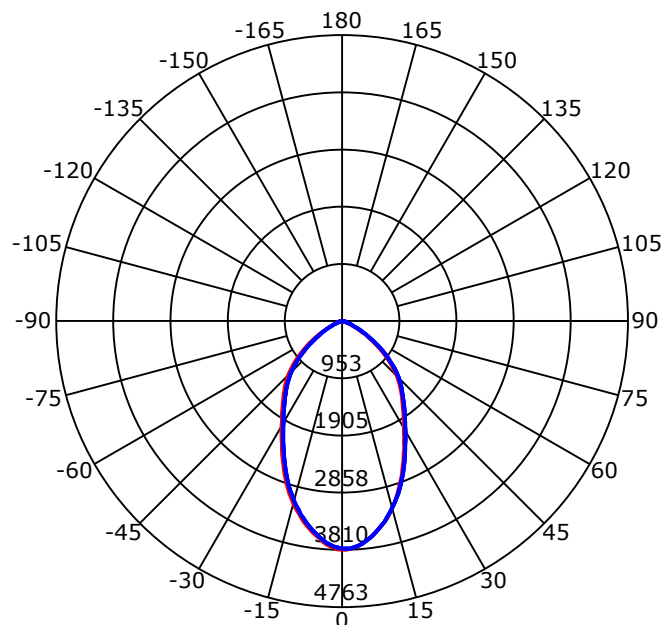
CIE Class: Direct  
Luminaire Luminous Flux: 5353.744 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 114.76 lm/W  
Beam Angle(50%) C0-180,C90-270: 64.2,64.4  
Field Angle(10%) C0-180,C90-270: 122.3,122.2  
S/MH C0-180,C90-270: 0.890,0.890

Max. Intensity: 3810.40 cd  
Max.Intensity Angle: C=0 Gamma=1  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 3806.31 cd  
Effective Luminous Flux: 5061.05 lm  
ERP( $\phi$ use)(120deg): 5017.24 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 64.2 deg,64.4 deg

C0-180 — C90-270 —

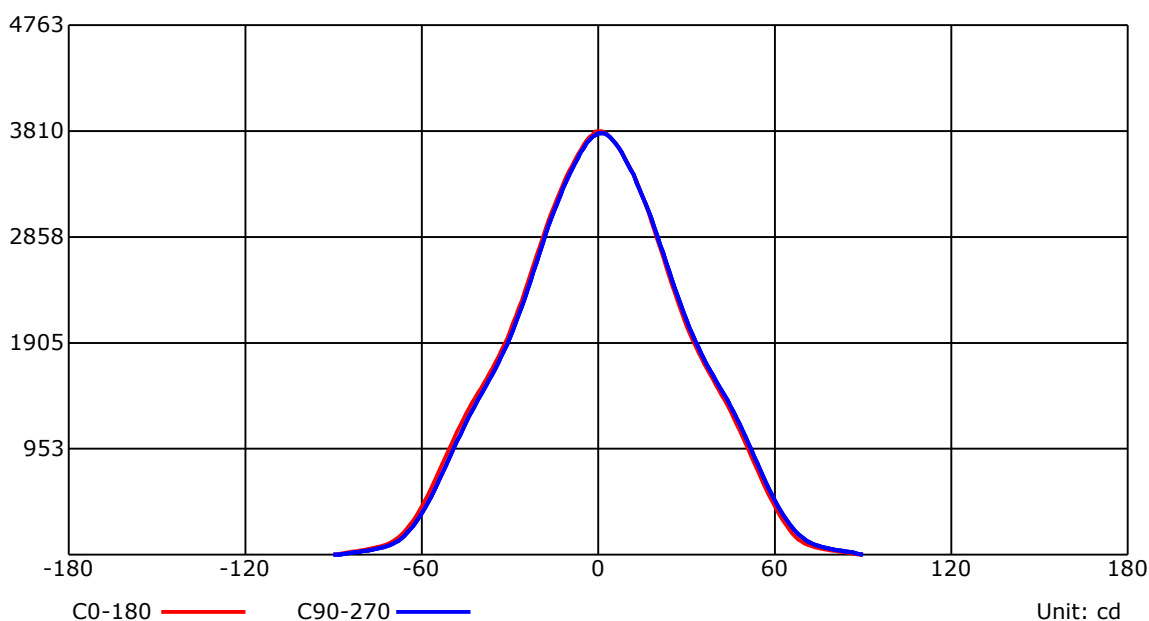
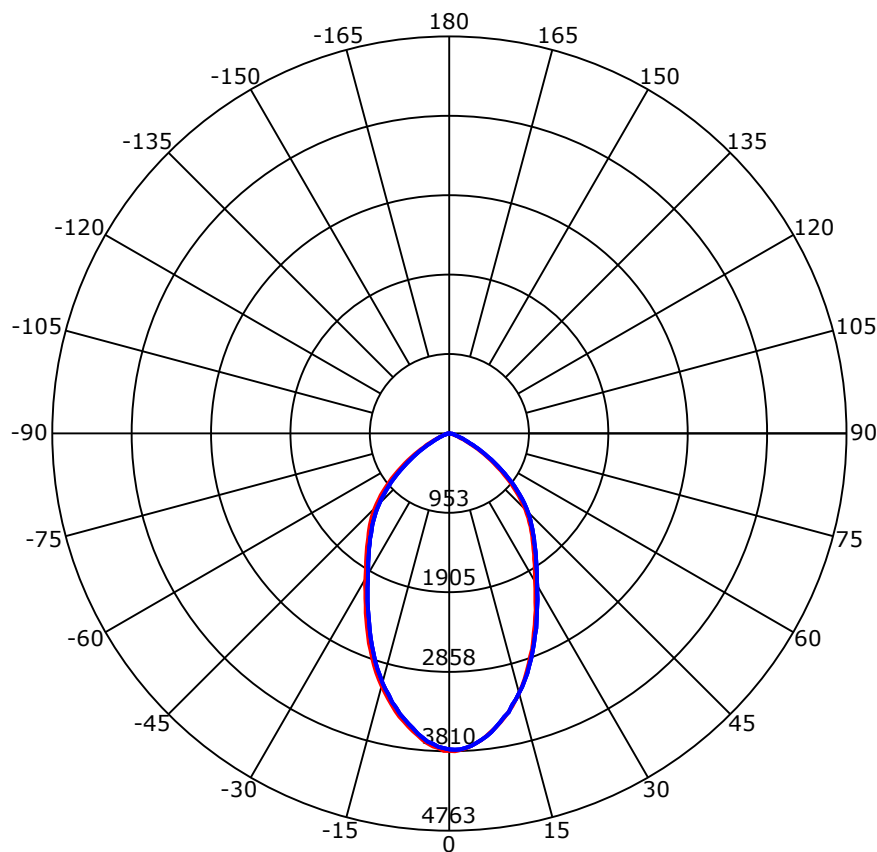
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## Luminous Intensity Distribution Curve



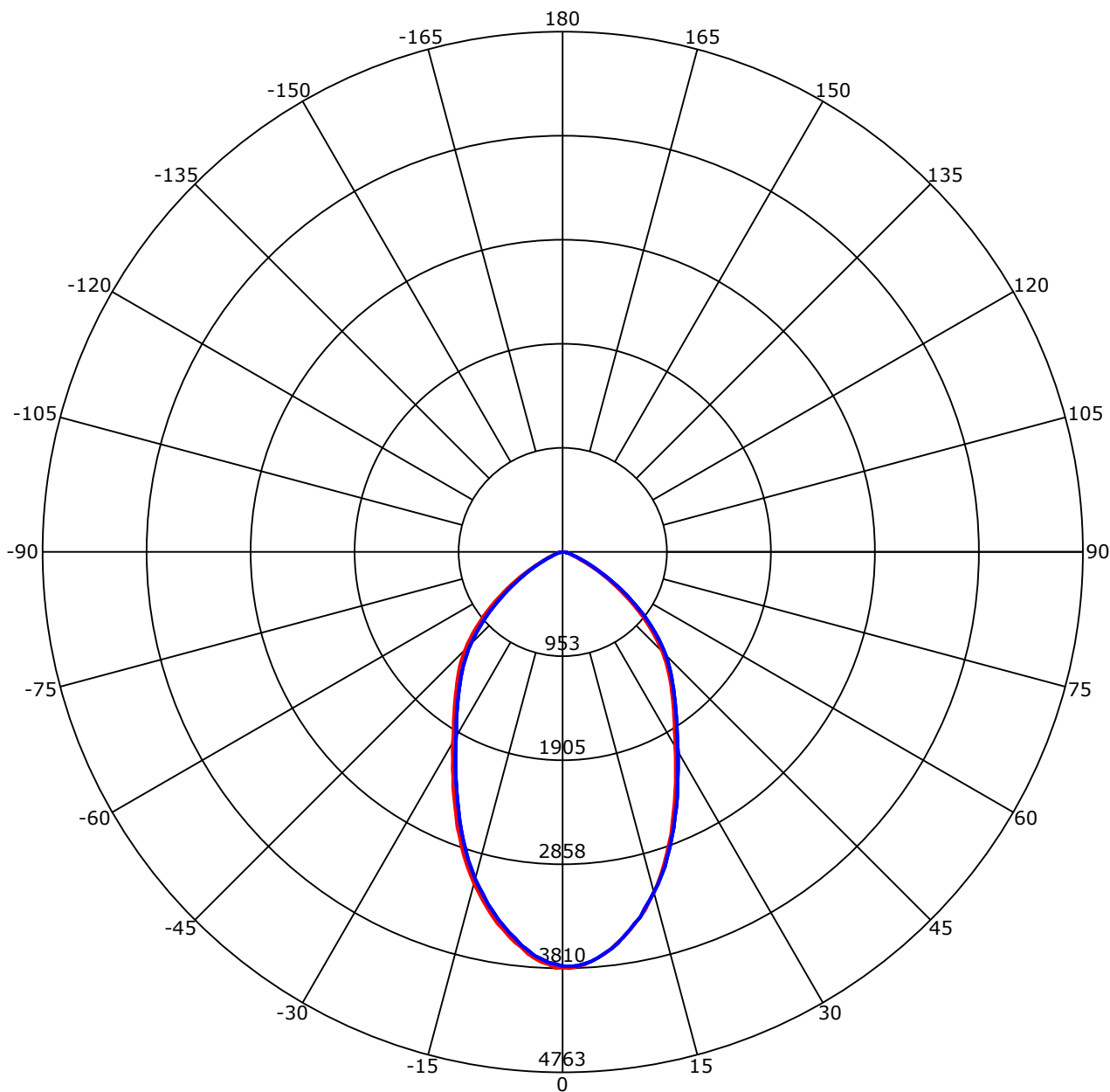
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## Luminous Intensity Distribution Curve



C0-180 — C90-270

Unit: cd/klm

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

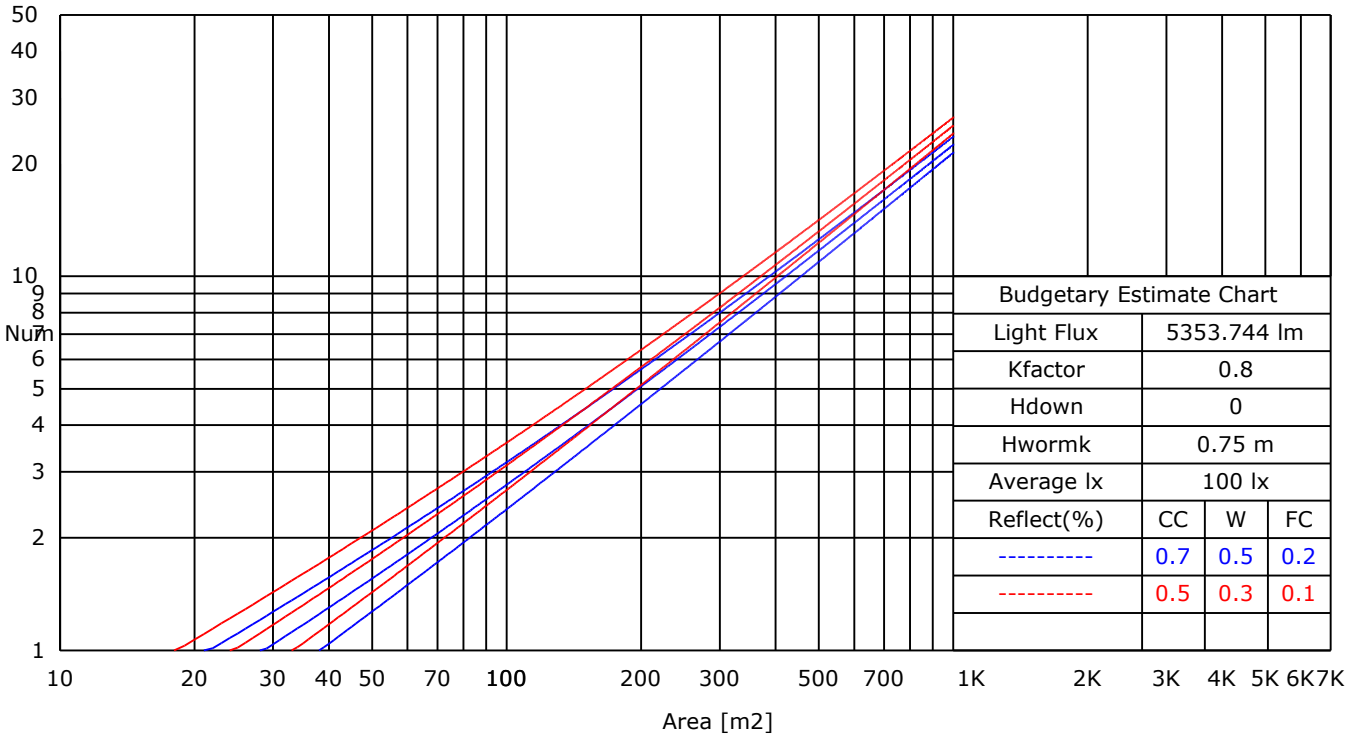
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UTILIZATION FACTORS TABLE

| 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     | 1.07                                    | 1.06 | 1.05 | 1.06 | 1.04 | 1.03 | 1.02 | 1.00 | 0.99 | 0.97 | 0.95 | 0.93 | 0.90 | 0.88 | 0.87 | 0.81 |
| 2     | 0.99                                    | 0.97 | 0.96 | 0.98 | 0.96 | 0.94 | 0.95 | 0.92 | 0.90 | 0.91 | 0.88 | 0.85 | 0.85 | 0.82 | 0.80 | 0.75 |
| 3     | 0.92                                    | 0.90 | 0.88 | 0.91 | 0.88 | 0.87 | 0.88 | 0.85 | 0.83 | 0.85 | 0.81 | 0.78 | 0.80 | 0.77 | 0.73 | 0.69 |
| 4     | 0.85                                    | 0.83 | 0.82 | 0.84 | 0.82 | 0.80 | 0.82 | 0.79 | 0.76 | 0.79 | 0.76 | 0.72 | 0.76 | 0.72 | 0.68 | 0.64 |
| 5     | 0.79                                    | 0.77 | 0.76 | 0.78 | 0.76 | 0.74 | 0.77 | 0.73 | 0.71 | 0.75 | 0.70 | 0.67 | 0.72 | 0.67 | 0.63 | 0.59 |
| 6     | 0.74                                    | 0.72 | 0.71 | 0.73 | 0.71 | 0.69 | 0.72 | 0.68 | 0.66 | 0.70 | 0.66 | 0.63 | 0.68 | 0.63 | 0.59 | 0.55 |
| 7     | 0.69                                    | 0.67 | 0.66 | 0.69 | 0.66 | 0.65 | 0.68 | 0.64 | 0.62 | 0.66 | 0.62 | 0.59 | 0.64 | 0.59 | 0.55 | 0.52 |
| 8     | 0.65                                    | 0.63 | 0.62 | 0.65 | 0.62 | 0.61 | 0.64 | 0.60 | 0.58 | 0.63 | 0.58 | 0.55 | 0.61 | 0.56 | 0.52 | 0.49 |
| 9     | 0.61                                    | 0.60 | 0.59 | 0.61 | 0.59 | 0.57 | 0.61 | 0.57 | 0.55 | 0.59 | 0.55 | 0.52 | 0.58 | 0.53 | 0.49 | 0.46 |
| 10    | 0.58                                    | 0.56 | 0.55 | 0.58 | 0.56 | 0.54 | 0.57 | 0.54 | 0.52 | 0.57 | 0.52 | 0.49 | 0.55 | 0.50 | 0.46 | 0.43 |

LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



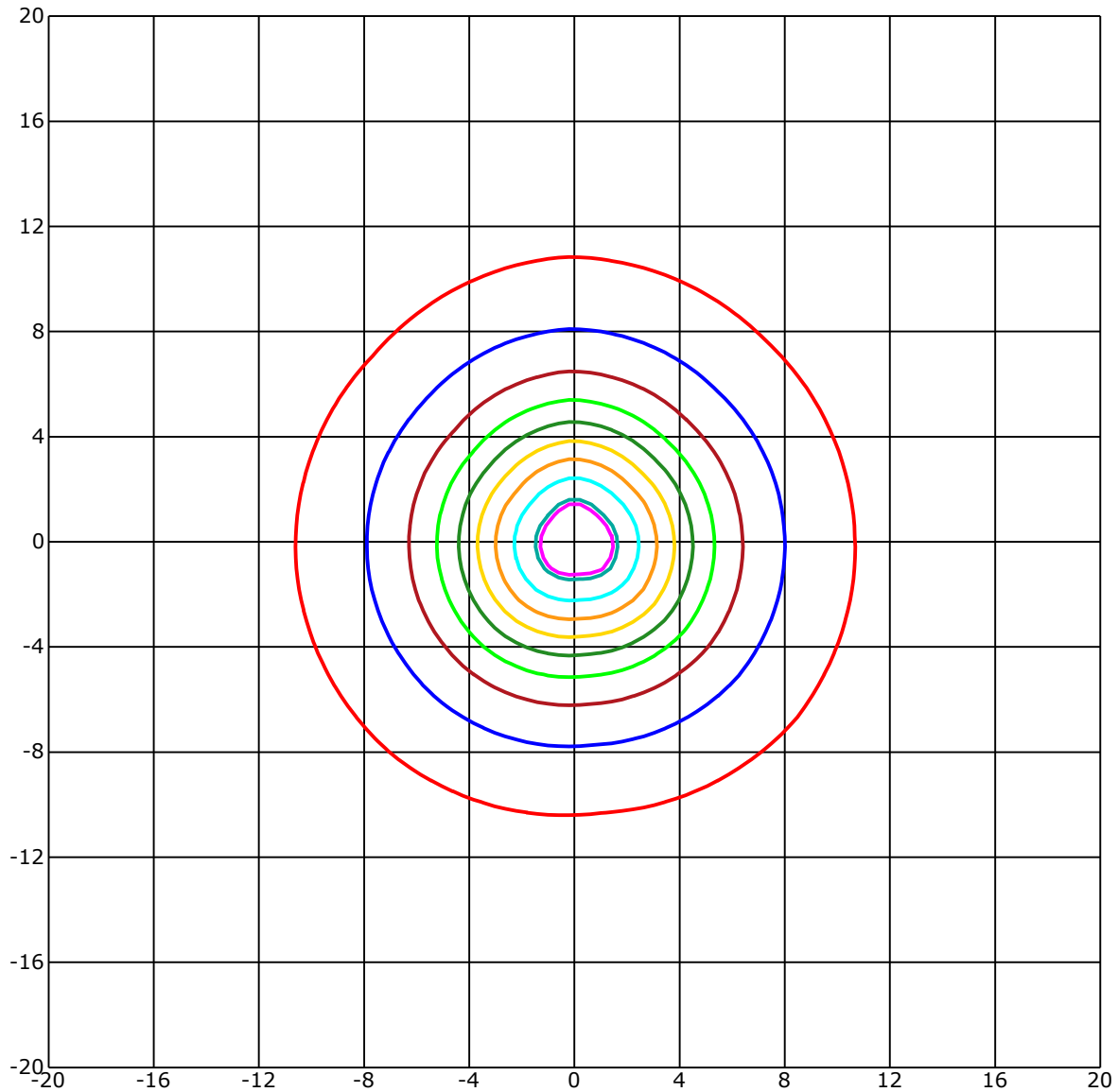
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## ISOLX DIAGRAM



Unit of illumination:lx      Height of plane:10.0(m)/32.81(ft)

|                 |                 |
|-----------------|-----------------|
| 35.04(92%Emax)  | 19.043(50%Emax) |
| 34.278(90%Emax) | 15.235(40%Emax) |
| 30.469(80%Emax) | 11.426(30%Emax) |
| 26.661(70%Emax) | 7.617(20%Emax)  |
| 22.852(60%Emax) | 3.809(10%Emax)  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

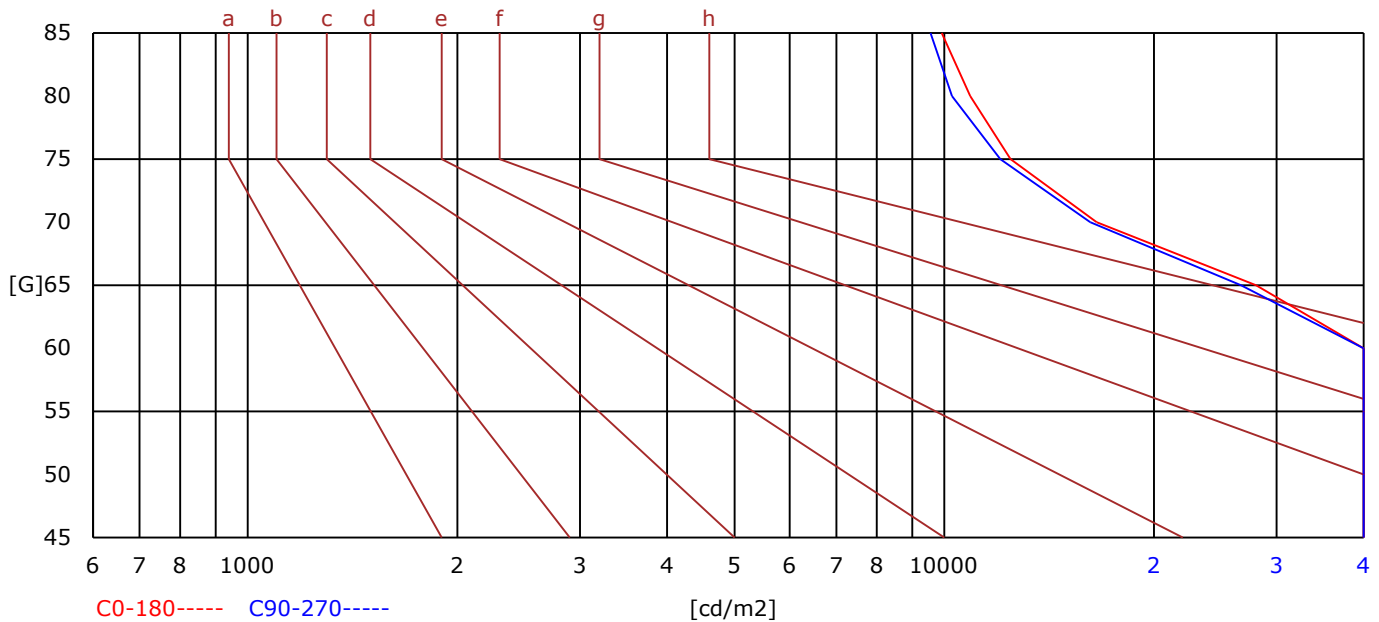
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## BRIGHT LIMIT DIAGRAM

| C/G    | 45      | 50          | 55    | 60    | 65    | 70    | 75    | 80    | 85    |
|--------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|
| C0     | 97098   | 82708       | 64298 | 44932 | 28022 | 16542 | 12448 | 10894 | 9920  |
| C90    | 94089   | 79194       | 60966 | 42390 | 26664 | 16204 | 12029 | 10255 | 9552  |
| Dazzle | Quality | Illuminance | ---   | ---   | ---   | ---   | ---   | ---   | ---   |
| 1.15   | A       | 2000        | 1000  | 500   | <=300 |       |       |       |       |
| 1.5    | B       |             | 2000  | 1000  | 500   | <=300 |       |       |       |
| 1.85   | C       |             |       | 2000  | 1000  | 500   | <=300 |       |       |
| 2.2    | D       |             |       |       | 2000  | 1000  | 500   | <=300 |       |
| 2.55   | E       |             |       |       |       | 2000  | 1000  | 500   | <=300 |
| ---    | ---     | a           | b     | c     | d     | e     | f     | g     | h     |



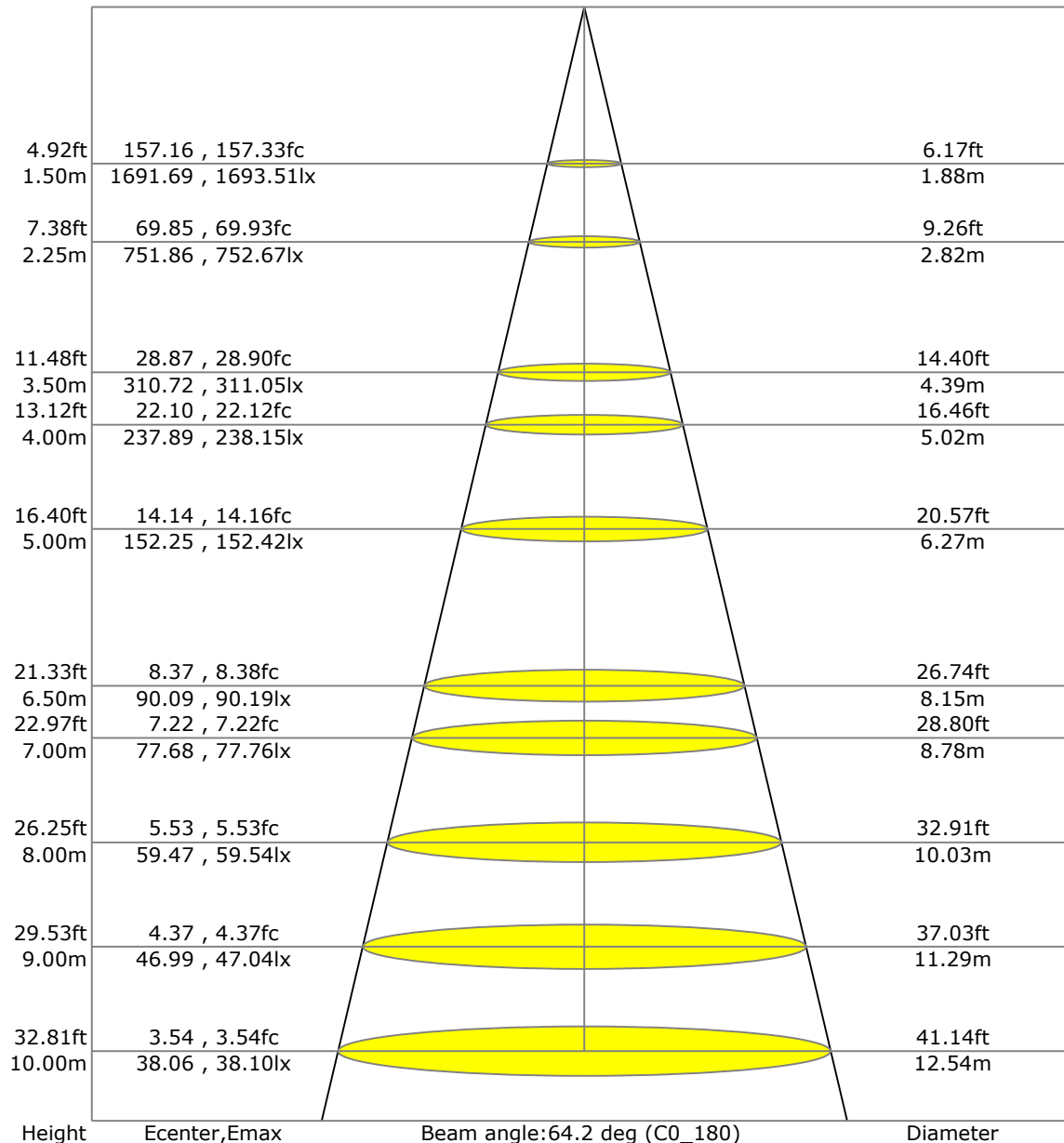
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

Report No.:

Test Time: 2024/8/6 11:01:17

LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity: 60

Test Distance: 6.7 m

Remarks:

Report No.:

Test Time: 2024/8/6 11:01:17

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<br>X Y |     | Viewed Endwise |       |       |       |       | Viewed Crosswise |       |       |       |       |
| 2H               | 2H  | 17.48          | 17.54 | 17.68 | 17.73 | 17.97 | 17.61            | 17.67 | 17.81 | 17.86 | 18.10 |
|                  | 3H  | 17.47          | 17.53 | 17.68 | 17.72 | 17.97 | 17.59            | 17.65 | 17.80 | 17.84 | 18.09 |
|                  | 4H  | 17.45          | 17.51 | 17.66 | 17.71 | 17.96 | 17.57            | 17.63 | 17.78 | 17.83 | 18.07 |
|                  | 6H  | 17.43          | 17.49 | 17.64 | 17.69 | 17.94 | 17.54            | 17.60 | 17.76 | 17.80 | 18.06 |
|                  | 8H  | 17.41          | 17.47 | 17.63 | 17.68 | 17.93 | 17.53            | 17.59 | 17.75 | 17.79 | 18.05 |
|                  | 12H | 17.40          | 17.46 | 17.62 | 17.66 | 17.92 | 17.52            | 17.58 | 17.74 | 17.78 | 18.04 |
| 4H               | 2H  | 17.78          | 17.84 | 17.99 | 18.04 | 18.29 | 18.01            | 18.07 | 18.22 | 18.26 | 18.51 |
|                  | 3H  | 17.79          | 17.84 | 18.01 | 18.05 | 18.30 | 18.00            | 18.06 | 18.23 | 18.27 | 18.52 |
|                  | 4H  | 17.77          | 17.82 | 18.00 | 18.04 | 18.29 | 17.99            | 18.04 | 18.21 | 18.25 | 18.51 |
|                  | 6H  | 17.74          | 17.79 | 17.98 | 18.02 | 18.28 | 17.96            | 18.01 | 18.20 | 18.23 | 18.50 |
|                  | 8H  | 17.73          | 17.78 | 17.97 | 18.00 | 18.27 | 17.94            | 17.99 | 18.19 | 18.22 | 18.49 |
|                  | 12H | 17.71          | 17.76 | 17.96 | 17.99 | 18.26 | 17.93            | 17.97 | 18.17 | 18.21 | 18.48 |
| 8H               | 4H  | 17.79          | 17.85 | 18.01 | 18.05 | 18.30 | 18.04            | 18.09 | 18.25 | 18.30 | 18.55 |
|                  | 6H  | 17.77          | 17.82 | 18.02 | 18.05 | 18.33 | 18.01            | 18.06 | 18.27 | 18.30 | 18.57 |
|                  | 8H  | 17.76          | 17.80 | 18.02 | 18.04 | 18.32 | 18.00            | 18.04 | 18.26 | 18.29 | 18.56 |
|                  | 12H | 17.74          | 17.78 | 18.01 | 18.03 | 18.31 | 17.98            | 18.02 | 18.25 | 18.27 | 18.55 |
| 12H              | 4H  | 17.79          | 17.84 | 18.04 | 18.07 | 18.34 | 18.05            | 18.10 | 18.30 | 18.33 | 18.60 |
|                  | 6H  | 17.77          | 17.82 | 18.04 | 18.06 | 18.34 | 18.03            | 18.08 | 18.29 | 18.32 | 18.60 |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

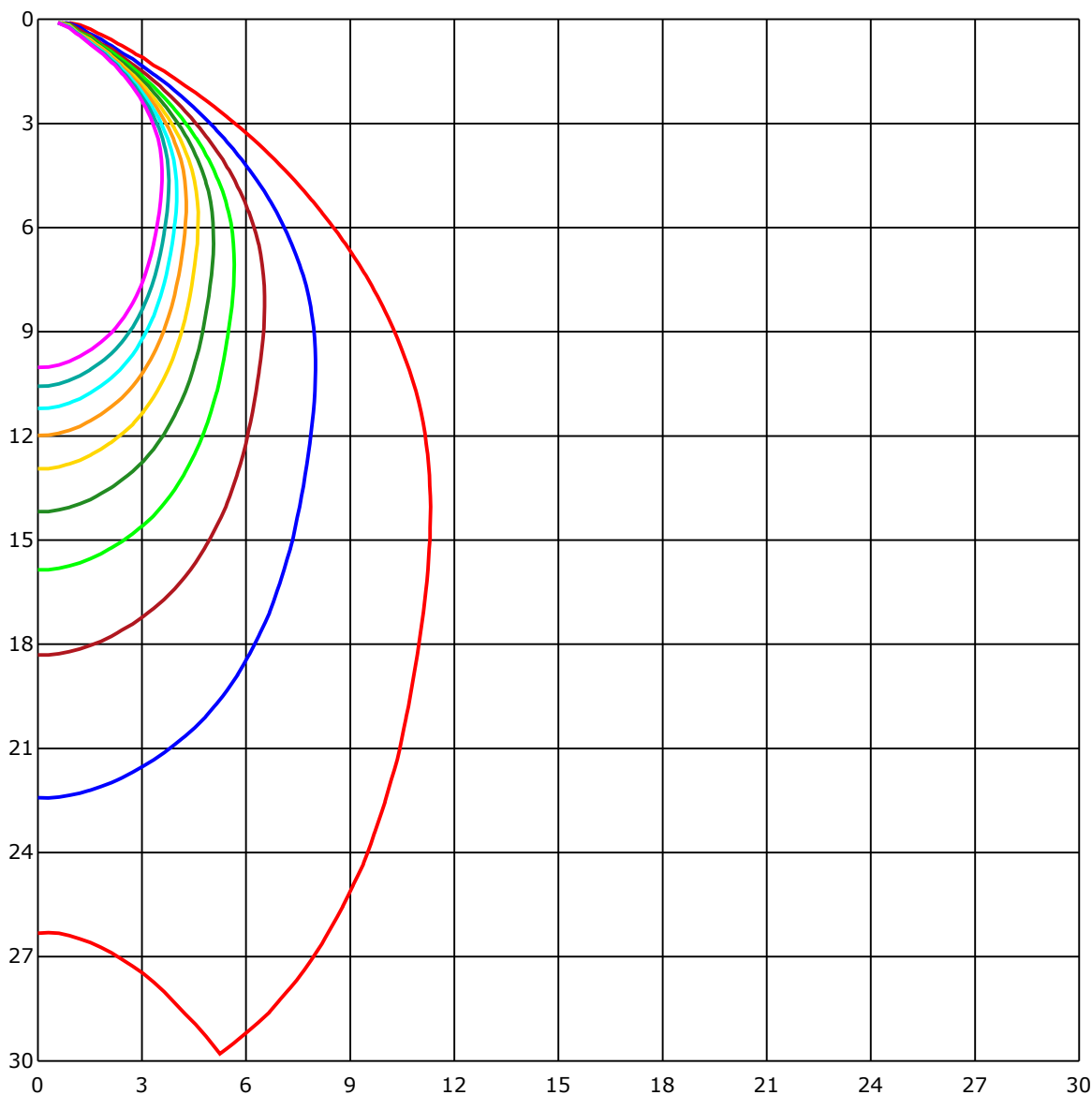
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## SPACE ISOLX DIAGRAM



Unit of illumination:lx

|        |        |
|--------|--------|
| 37.867 | 18.933 |
| 34.08  | 15.147 |
| 30.293 | 11.36  |
| 26.507 | 7.573  |
| 22.72  | 3.787  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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Test Time: 2024/8/6 11:01:17

LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G0      | 3806.31 | 3790.24 | 3790.2  | 3797.29 | 3806.31 | 3790.24 | 3790.2  | 3797.29 | 3806.31 |  |
| G1      | 3810.4  | 3779.47 | 3791.86 | 3781.35 | 3808.15 | 3783.87 | 3773.41 | 3800.34 | 3810.4  |  |
| G2      | 3797.65 | 3765.46 | 3789.48 | 3751.28 | 3775.79 | 3777.09 | 3758.55 | 3792.76 | 3797.65 |  |
| G3      | 3780.91 | 3743.92 | 3775.34 | 3734.04 | 3758.82 | 3749.26 | 3729.24 | 3793.79 | 3780.91 |  |
| G4      | 3756.49 | 3711.28 | 3755.68 | 3691.66 | 3726.77 | 3729.37 | 3703.65 | 3776.15 | 3756.49 |  |
| G5      | 3726.36 | 3669.53 | 3726.41 | 3651.49 | 3690.81 | 3691.57 | 3658.8  | 3740.5  | 3726.36 |  |
| G6      | 3696.47 | 3636.54 | 3692.34 | 3604.98 | 3638.2  | 3655.12 | 3619.03 | 3705.98 | 3696.47 |  |
| G7      | 3654.85 | 3594.03 | 3658.31 | 3568.49 | 3598.07 | 3627.38 | 3563.55 | 3667.65 | 3654.85 |  |
| G8      | 3608.48 | 3550.75 | 3616.92 | 3512.55 | 3549.32 | 3569.34 | 3516.91 | 3637.17 | 3608.48 |  |
| G9      | 3568.89 | 3494.78 | 3564.27 | 3465.1  | 3496.89 | 3511.07 | 3464.34 | 3582.22 | 3568.89 |  |
| G10     | 3518.34 | 3444.37 | 3515.16 | 3397.41 | 3449.75 | 3466.9  | 3412.54 | 3543.48 | 3518.34 |  |
| G11     | 3467.3  | 3385.33 | 3460.48 | 3344.8  | 3392.97 | 3406.16 | 3348.93 | 3483.6  | 3467.3  |  |
| G12     | 3413.53 | 3328.86 | 3417.75 | 3285.99 | 3329.58 | 3356.43 | 3294.48 | 3426.05 | 3413.53 |  |
| G13     | 3362.22 | 3277.1  | 3344.66 | 3222.47 | 3266.02 | 3293.98 | 3223.37 | 3372.41 | 3362.22 |  |
| G14     | 3290.26 | 3202.81 | 3287.12 | 3153.03 | 3204.47 | 3236.3  | 3160.93 | 3303.72 | 3290.26 |  |
| G15     | 3227.91 | 3130.76 | 3222.92 | 3096.29 | 3141.04 | 3168.65 | 3097.72 | 3251.07 | 3227.91 |  |
| G16     | 3154.96 | 3061.32 | 3164.25 | 3021.59 | 3070.43 | 3107.91 | 3022.04 | 3178.08 | 3154.96 |  |
| G17     | 3081.07 | 2991.74 | 3093.19 | 2956.9  | 3002.2  | 3042.2  | 2952.19 | 3112.58 | 3081.07 |  |
| G18     | 2999.73 | 2916.95 | 3028.55 | 2878.35 | 2924.05 | 2968.94 | 2873.41 | 3036.81 | 2999.73 |  |
| G19     | 2921.35 | 2840.37 | 2945.77 | 2798.94 | 2846.25 | 2898.01 | 2791.66 | 2959.33 | 2921.35 |  |
| G20     | 2839.79 | 2756.87 | 2873.5  | 2720.78 | 2766.8  | 2810.16 | 2713.42 | 2891.41 | 2839.79 |  |
| G21     | 2765.54 | 2672.3  | 2792.52 | 2648.38 | 2696.45 | 2730.97 | 2630.42 | 2801.68 | 2765.54 |  |
| G22     | 2678.77 | 2597.2  | 2714.95 | 2566.68 | 2608.29 | 2657.31 | 2548.45 | 2715.62 | 2678.77 |  |
| G23     | 2592.89 | 2513.21 | 2632.53 | 2484.93 | 2528.34 | 2567.8  | 2464.28 | 2632.44 | 2592.89 |  |
| G24     | 2513.12 | 2435.91 | 2558.64 | 2406.37 | 2448.12 | 2493.1  | 2387.88 | 2552.18 | 2513.12 |  |
| G25     | 2429.85 | 2351.2  | 2477.66 | 2328.22 | 2374.37 | 2408.03 | 2307.97 | 2467.47 | 2429.85 |  |
| G26     | 2358.52 | 2277.36 | 2399.95 | 2251.64 | 2289.75 | 2329.93 | 2236.78 | 2389.23 | 2358.52 |  |
| G27     | 2272.83 | 2203.43 | 2320.54 | 2181.56 | 2221.38 | 2251.32 | 2160.24 | 2314.89 | 2272.83 |  |
| G28     | 2199.61 | 2131.56 | 2250.11 | 2106.78 | 2146.06 | 2177.12 | 2092.41 | 2234.89 | 2199.61 |  |
| G29     | 2128.55 | 2059.15 | 2177.17 | 2042.32 | 2085.37 | 2112.7  | 2018.25 | 2165.85 | 2128.55 |  |
| G30     | 2058.07 | 1998.64 | 2110.64 | 1973.5  | 2013.63 | 2039.22 | 1954.65 | 2096.59 | 2058.07 |  |
| G31     | 1995.09 | 1935.84 | 2042.36 | 1913.89 | 1945.67 | 1974.89 | 1892.61 | 2032.98 | 1995.09 |  |
| G32     | 1931.39 | 1883.41 | 1979.96 | 1853.33 | 1887.49 | 1914.56 | 1836.05 | 1969.82 | 1931.39 |  |
| G33     | 1877.08 | 1825.95 | 1919.18 | 1806.1  | 1836.14 | 1850.64 | 1781.86 | 1914.11 | 1877.08 |  |
| G34     | 1819.48 | 1774.64 | 1865.94 | 1749.95 | 1778.5  | 1801.8  | 1725.89 | 1851.08 | 1819.48 |  |
| G35     | 1771.81 | 1721.62 | 1810.1  | 1699.09 | 1730.2  | 1742.23 | 1673.9  | 1797.8  | 1771.81 |  |
| G36     | 1716.59 | 1674.53 | 1758.07 | 1646.61 | 1680.05 | 1691.37 | 1624.75 | 1741.06 | 1716.59 |  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

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## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G37     | 1670.45 | 1627.04 | 1706.94 | 1601.99 | 1631.08 | 1643.83 | 1576.09 | 1693.34 | 1670.45 |  |
| G38     | 1618.15 | 1581.83 | 1658.01 | 1549.78 | 1583.05 | 1592.83 | 1527.02 | 1641.94 | 1618.15 |  |
| G39     | 1577.03 | 1532.86 | 1612.18 | 1508.62 | 1537.8  | 1552.93 | 1481.68 | 1601.36 | 1577.03 |  |
| G40     | 1525.32 | 1489.72 | 1564.28 | 1459.64 | 1493.8  | 1501.35 | 1434.28 | 1548.26 | 1525.32 |  |
| G41     | 1481.01 | 1442.23 | 1519.17 | 1413.86 | 1453.81 | 1459.1  | 1390.38 | 1503.37 | 1481.01 |  |
| G42     | 1432.8  | 1397.29 | 1474.5  | 1365.51 | 1408.02 | 1417.09 | 1340.01 | 1457.4  | 1432.8  |  |
| G43     | 1385.17 | 1349.44 | 1428.09 | 1320.48 | 1362.55 | 1368.92 | 1289.33 | 1416.91 | 1385.17 |  |
| G44     | 1337.0  | 1301.36 | 1385.08 | 1266.21 | 1314.83 | 1325.78 | 1241.97 | 1366.36 | 1337.0  |  |
| G45     | 1288.52 | 1251.31 | 1332.47 | 1212.52 | 1266.48 | 1276.58 | 1187.97 | 1319.86 | 1288.52 |  |
| G46     | 1230.75 | 1197.85 | 1283.67 | 1155.51 | 1213.33 | 1225.14 | 1133.65 | 1265.63 | 1230.75 |  |
| G47     | 1174.28 | 1140.97 | 1231.2  | 1100.03 | 1159.96 | 1172.26 | 1075.61 | 1213.11 | 1174.28 |  |
| G48     | 1117.94 | 1084.72 | 1174.77 | 1046.03 | 1106.18 | 1119.38 | 1022.19 | 1160.32 | 1117.94 |  |
| G49     | 1060.84 | 1024.84 | 1117.9  | 984.84  | 1050.29 | 1063.8  | 964.51  | 1105.19 | 1060.84 |  |
| G50     | 1001.63 | 968.91  | 1062.41 | 927.74  | 992.2   | 1009.44 | 907.95  | 1046.25 | 1001.63 |  |
| G51     | 945.74  | 907.0   | 1003.43 | 868.22  | 936.32  | 953.6   | 850.44  | 991.66  | 945.74  |  |
| G52     | 886.04  | 850.4   | 946.95  | 808.38  | 878.23  | 897.35  | 792.17  | 931.74  | 886.04  |  |
| G53     | 825.93  | 791.46  | 883.93  | 751.73  | 819.47  | 839.89  | 733.23  | 877.29  | 825.93  |  |
| G54     | 764.75  | 730.63  | 823.42  | 692.83  | 759.99  | 782.07  | 676.72  | 814.39  | 764.75  |  |
| G55     | 705.36  | 672.14  | 762.55  | 637.3   | 702.35  | 722.86  | 618.67  | 757.07  | 705.36  |  |
| G56     | 645.74  | 615.58  | 704.95  | 581.82  | 645.83  | 664.6   | 566.06  | 698.76  | 645.74  |  |
| G57     | 591.34  | 560.95  | 647.27  | 529.84  | 590.48  | 608.57  | 514.75  | 642.24  | 591.34  |  |
| G58     | 536.53  | 508.24  | 593.49  | 478.17  | 537.2   | 554.53  | 466.45  | 588.28  | 536.53  |  |
| G59     | 484.45  | 457.83  | 538.99  | 431.21  | 484.63  | 500.57  | 416.85  | 536.08  | 484.45  |  |
| G60     | 435.43  | 409.44  | 488.31  | 386.28  | 435.03  | 450.83  | 373.31  | 483.6   | 435.43  |  |
| G61     | 386.95  | 363.79  | 439.25  | 343.14  | 388.93  | 403.65  | 332.37  | 436.96  | 386.95  |  |
| G62     | 341.21  | 321.91  | 394.27  | 303.68  | 345.88  | 358.67  | 293.18  | 390.72  | 341.21  |  |
| G63     | 299.1   | 282.72  | 351.22  | 267.81  | 306.28  | 318.27  | 257.67  | 348.26  | 299.1   |  |
| G64     | 258.88  | 247.7   | 312.48  | 234.19  | 270.73  | 280.65  | 225.57  | 308.71  | 258.88  |  |
| G65     | 222.61  | 215.83  | 274.77  | 205.37  | 236.88  | 246.63  | 195.68  | 272.21  | 222.61  |  |
| G66     | 189.39  | 186.61  | 241.73  | 178.17  | 206.45  | 216.41  | 168.7   | 237.11  | 189.39  |  |
| G67     | 160.75  | 159.58  | 212.11  | 153.88  | 179.52  | 188.63  | 144.28  | 205.28  | 160.75  |  |
| G68     | 136.29  | 136.91  | 185.13  | 133.05  | 155.54  | 164.12  | 124.79  | 177.09  | 136.29  |  |
| G69     | 117.66  | 118.69  | 160.89  | 115.77  | 135.48  | 141.76  | 109.04  | 153.16  | 117.66  |  |
| G70     | 101.99  | 103.11  | 140.51  | 101.0   | 118.73  | 124.39  | 95.89   | 133.86  | 101.99  |  |
| G71     | 89.69   | 90.95   | 122.95  | 89.42   | 105.36  | 109.26  | 84.75   | 117.84  | 89.69   |  |
| G72     | 80.04   | 81.39   | 109.13  | 79.46   | 94.31   | 97.91   | 75.77   | 104.06  | 80.04   |  |
| G73     | 71.51   | 72.54   | 96.74   | 70.66   | 85.11   | 87.49   | 67.42   | 93.1    | 71.51   |  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

[illegible]

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2024/8/6 11:01:17

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.7 m  
Remarks: