

Report No.:

Test Time: 2025/6/12 10:35:47

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: InBright  
Luminaire Type: IBDL125CT220-48W  
Lamp Type:  
Luminous Width: 209 mm  
Luminous Length: 209 mm  
Luminous Height: 138 mm

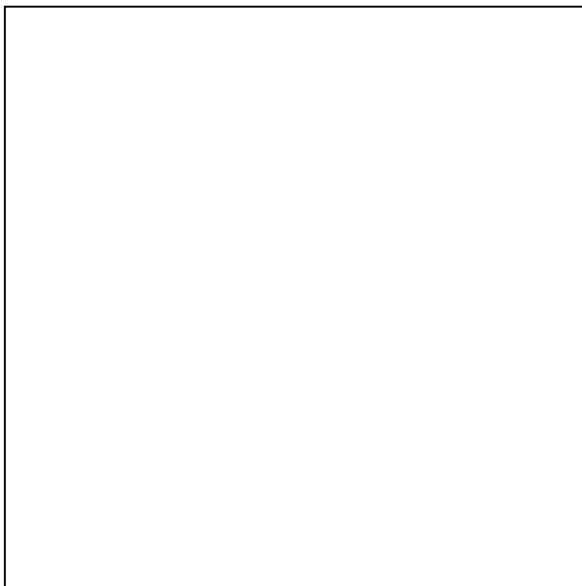
Voltage(V): 219.50 V  
Current(A): 0.2220 A  
Power(W): 46.89 W  
Power Factor: 0.9590  
Lamp Luminous Flux: 6191.31

### Photometric Results

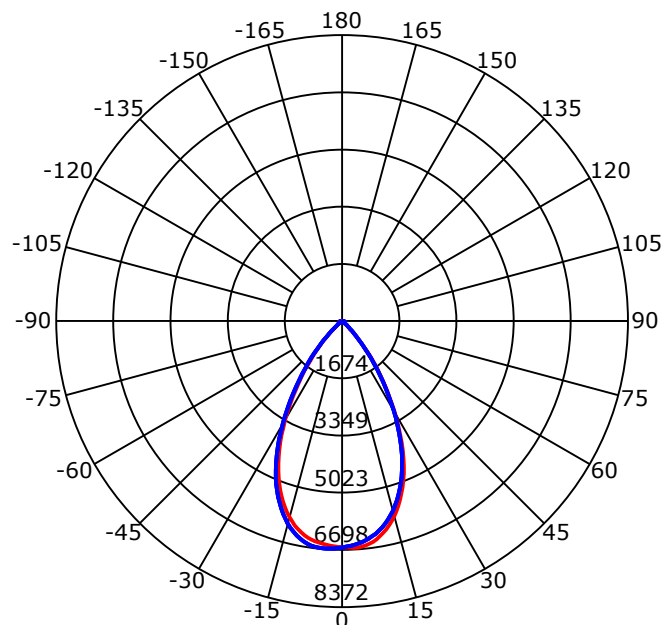
CIE Class: Direct  
Luminaire Luminous Flux: 6191.308 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 132.05 lm/W  
Beam Angle(50%) C0-180,C90-270: 58.9,59.1  
Field Angle(10%) C0-180,C90-270: 86.8,87.4  
S/MH C0-180,C90-270: 0.933,0.933

Max. Intensity: 6697.52 cd  
Max.Intensity Angle: C=315 Gamma=6  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 6623.80 cd  
Effective Luminous Flux: 5806.64 lm  
ERP( $\phi$ use)(120deg): 6086.88 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 58.9 deg,59.1 deg

C0-180 — C90-270 —

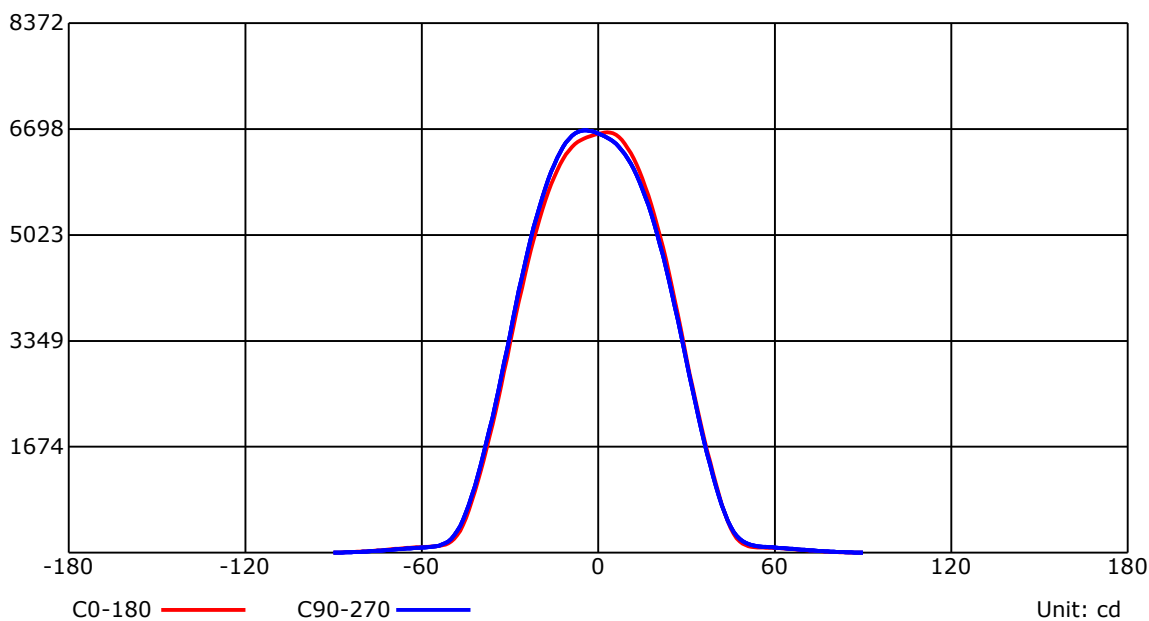
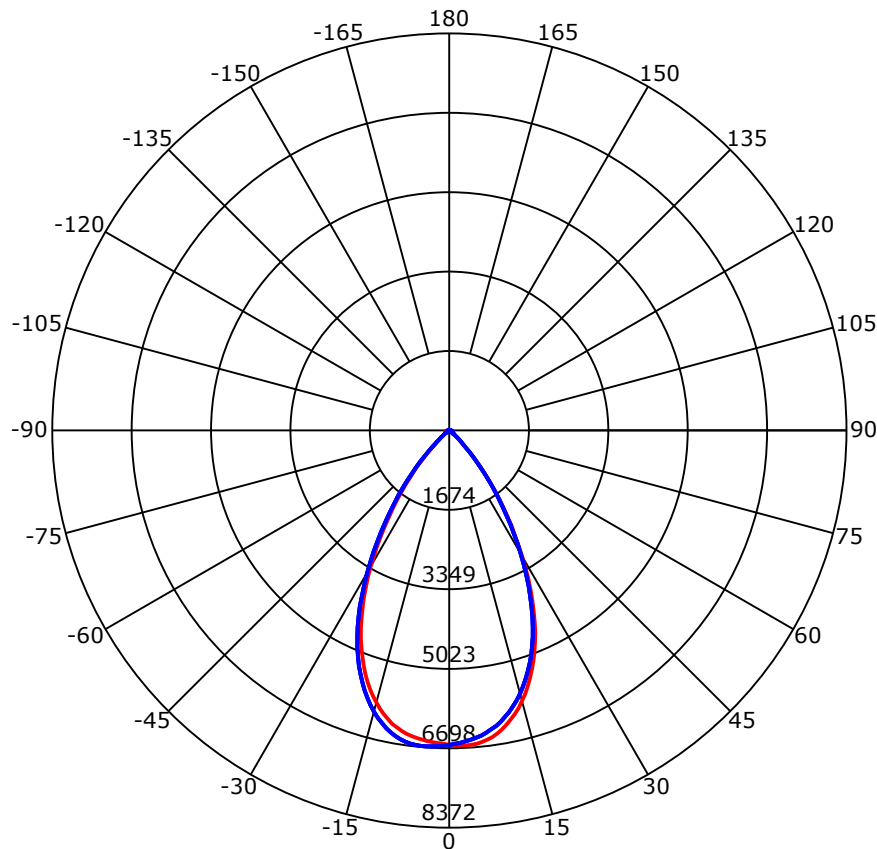
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

Report No.:

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## Luminous Intensity Distribution Curve



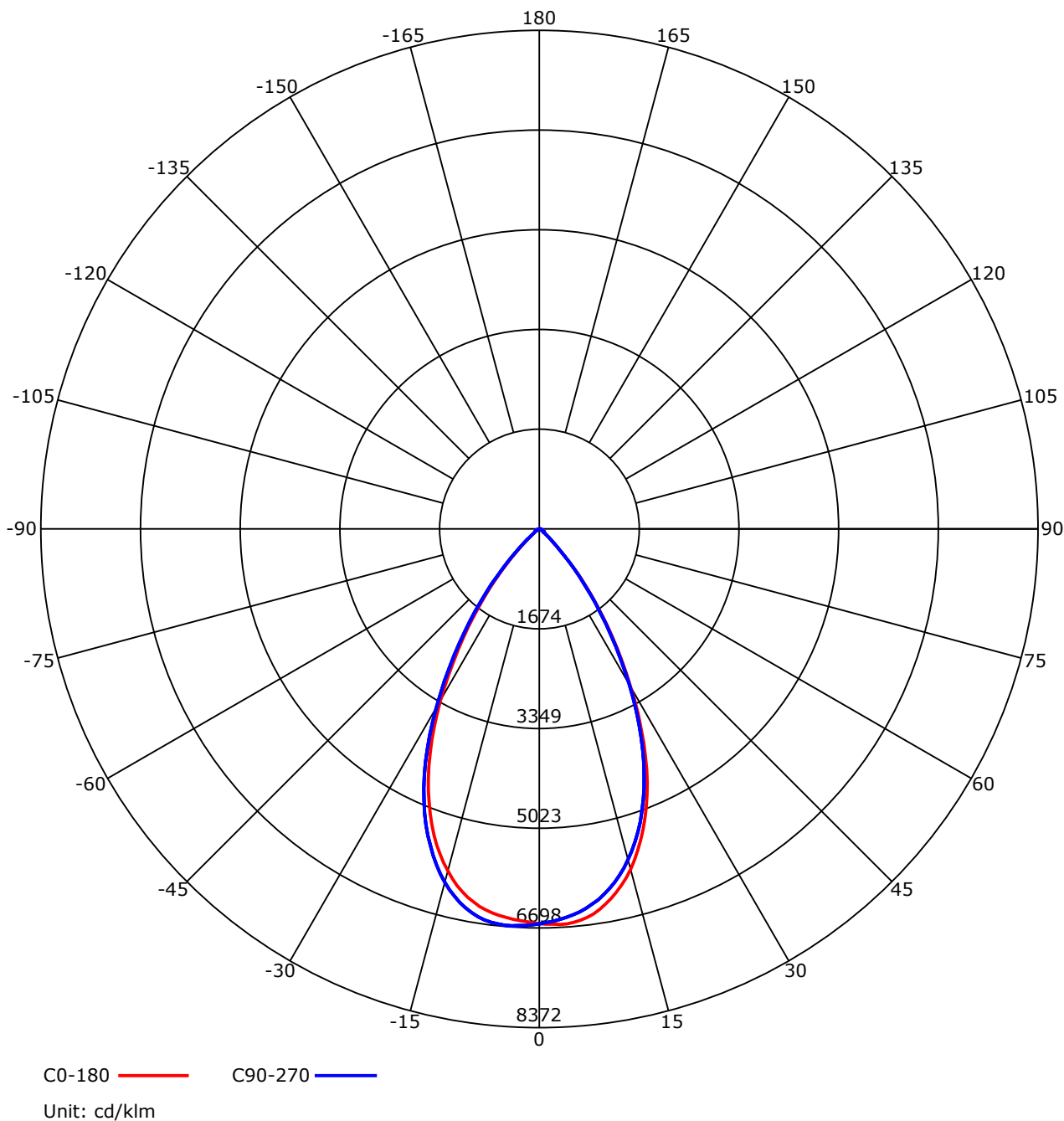
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
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Test Date: 2025/6/12 10:35:47

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Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg  
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Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
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Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

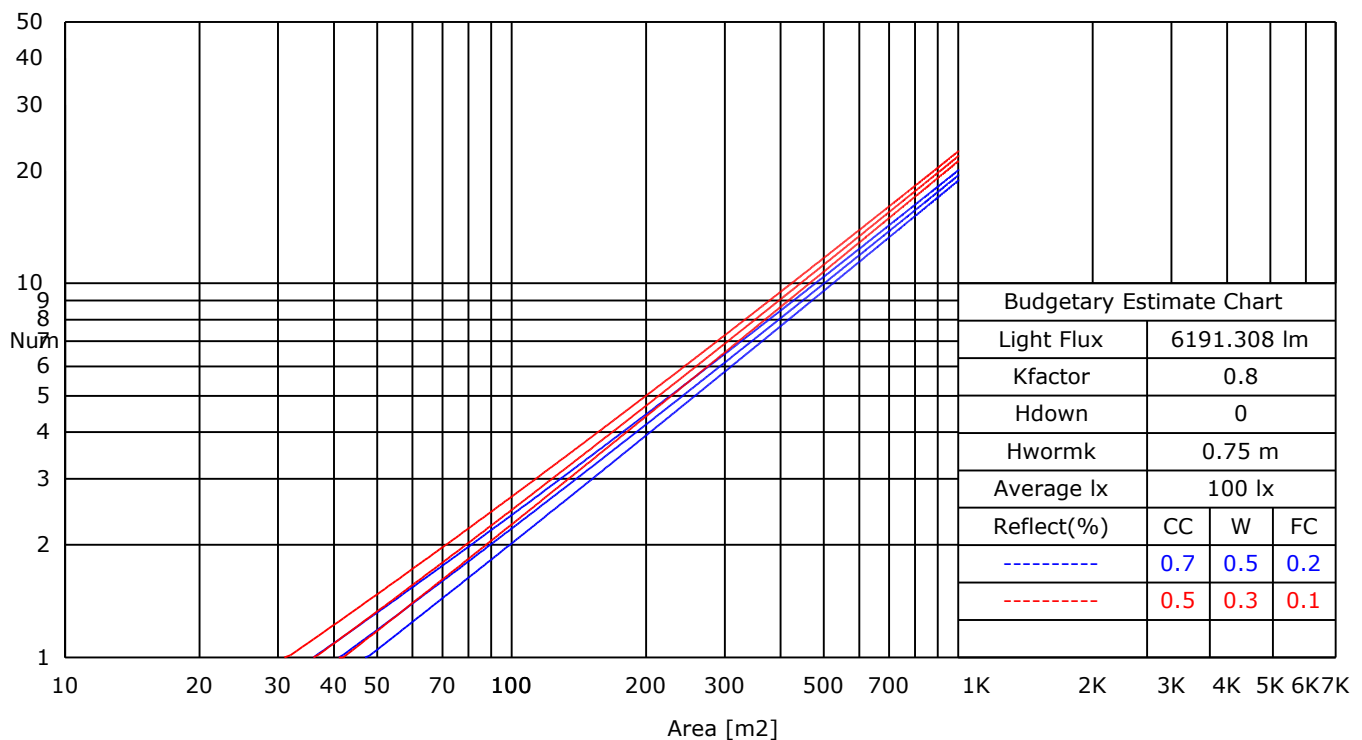
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## UTILIZATION FACTORS TABLE

| 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   | COEFFICIENTS 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                                     | 1.05 | 1.04 | 1.05 | 1.03 | 1.02 | 1.01 | 0.99 | 0.98 | 0.96 | 0.94 | 0.92 | 0.90 | 0.88 | 0.86 | 0.81 |
| 2     | 1.01                                     | 1.00 | 0.99 | 1.00 | 0.98 | 0.97 | 0.97 | 0.94 | 0.92 | 0.92 | 0.90 | 0.88 | 0.87 | 0.84 | 0.82 | 0.77 |
| 3     | 0.97                                     | 0.95 | 0.94 | 0.96 | 0.93 | 0.92 | 0.93 | 0.90 | 0.88 | 0.89 | 0.86 | 0.83 | 0.84 | 0.81 | 0.78 | 0.74 |
| 4     | 0.92                                     | 0.91 | 0.90 | 0.91 | 0.89 | 0.88 | 0.89 | 0.86 | 0.84 | 0.85 | 0.82 | 0.79 | 0.81 | 0.78 | 0.75 | 0.70 |
| 5     | 0.89                                     | 0.87 | 0.86 | 0.88 | 0.85 | 0.84 | 0.85 | 0.82 | 0.80 | 0.82 | 0.79 | 0.76 | 0.78 | 0.75 | 0.71 | 0.68 |
| 6     | 0.85                                     | 0.84 | 0.83 | 0.84 | 0.82 | 0.81 | 0.82 | 0.79 | 0.77 | 0.79 | 0.76 | 0.73 | 0.76 | 0.72 | 0.69 | 0.65 |
| 7     | 0.82                                     | 0.80 | 0.79 | 0.81 | 0.79 | 0.78 | 0.79 | 0.76 | 0.74 | 0.76 | 0.73 | 0.70 | 0.73 | 0.69 | 0.66 | 0.62 |
| 8     | 0.79                                     | 0.77 | 0.77 | 0.78 | 0.76 | 0.75 | 0.76 | 0.73 | 0.71 | 0.74 | 0.70 | 0.67 | 0.71 | 0.67 | 0.64 | 0.60 |
| 9     | 0.76                                     | 0.75 | 0.74 | 0.75 | 0.73 | 0.72 | 0.73 | 0.71 | 0.69 | 0.71 | 0.68 | 0.65 | 0.69 | 0.65 | 0.61 | 0.58 |
| 10    | 0.74                                     | 0.72 | 0.71 | 0.73 | 0.71 | 0.70 | 0.71 | 0.68 | 0.66 | 0.69 | 0.65 | 0.63 | 0.67 | 0.62 | 0.59 | 0.56 |

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



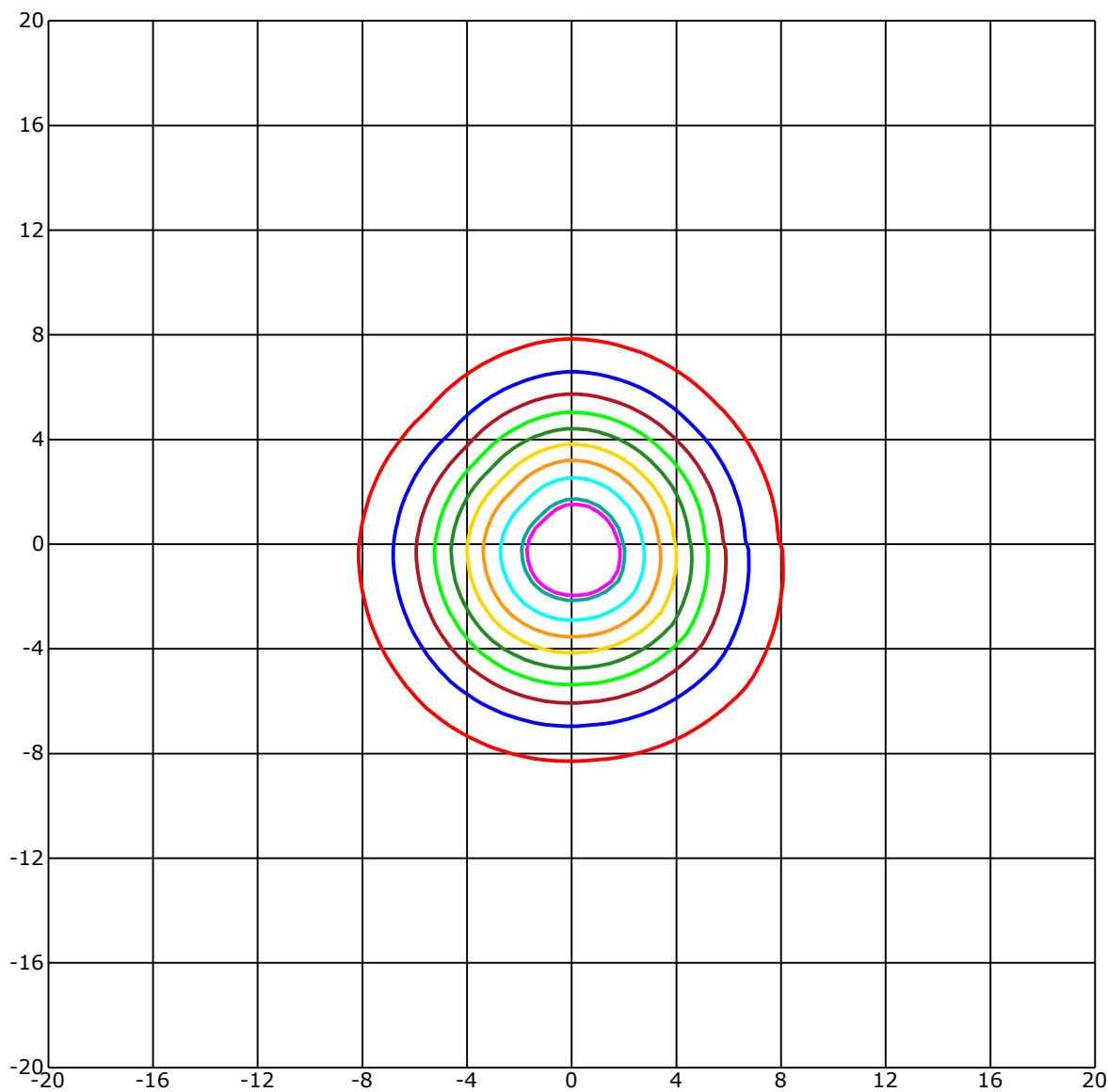
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

Report No.:

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## ISOLX DIAGRAM



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

|                 |                 |
|-----------------|-----------------|
| 61.163(92%Emax) | 33.241(50%Emax) |
| 59.834(90%Emax) | 26.593(40%Emax) |
| 53.185(80%Emax) | 19.945(30%Emax) |
| 46.537(70%Emax) | 13.296(20%Emax) |
| 39.889(60%Emax) | 6.648(10%Emax)  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/6/12 10:35:47

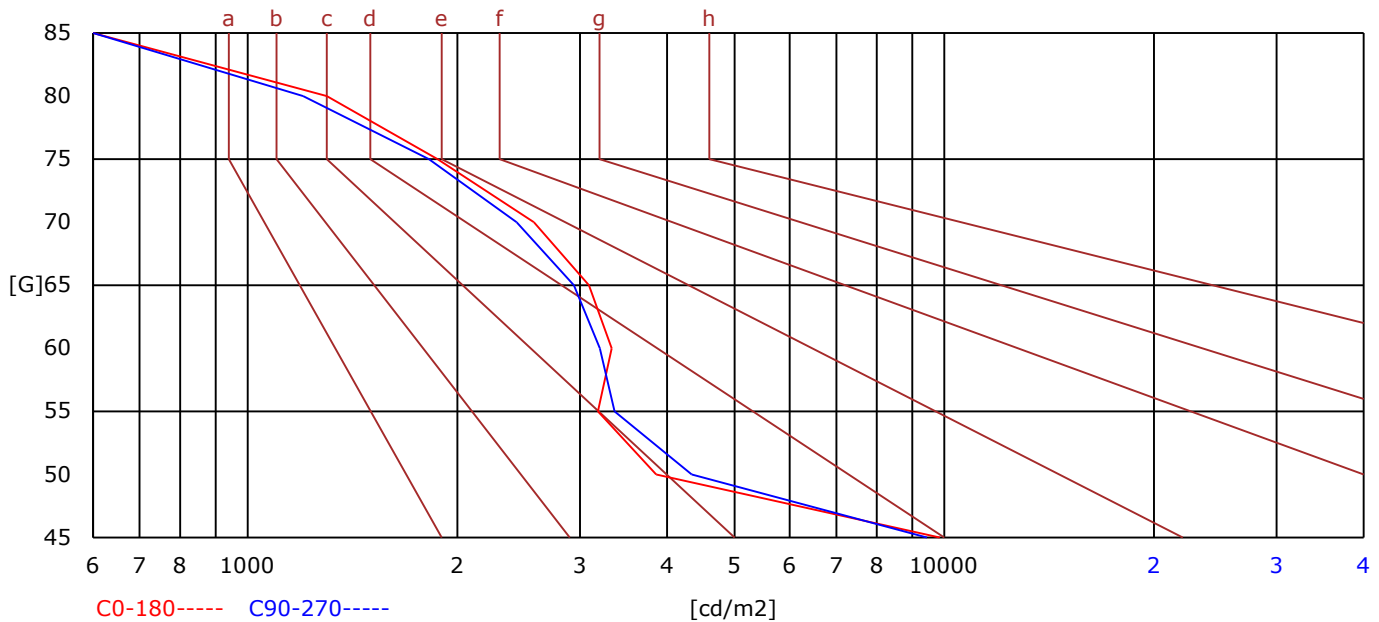
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

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## BRIGHT LIMIT DIAGRAM

| C/G    | 45      | 50          | 55   | 60   | 65    | 70    | 75    | 80    | 85    |
|--------|---------|-------------|------|------|-------|-------|-------|-------|-------|
| C0     | 9856    | 3861        | 3185 | 3330 | 3091  | 2575  | 1874  | 1300  | 360   |
| C90    | 9442    | 4342        | 3363 | 3205 | 2940  | 2433  | 1820  | 1201  | 285   |
| 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     |



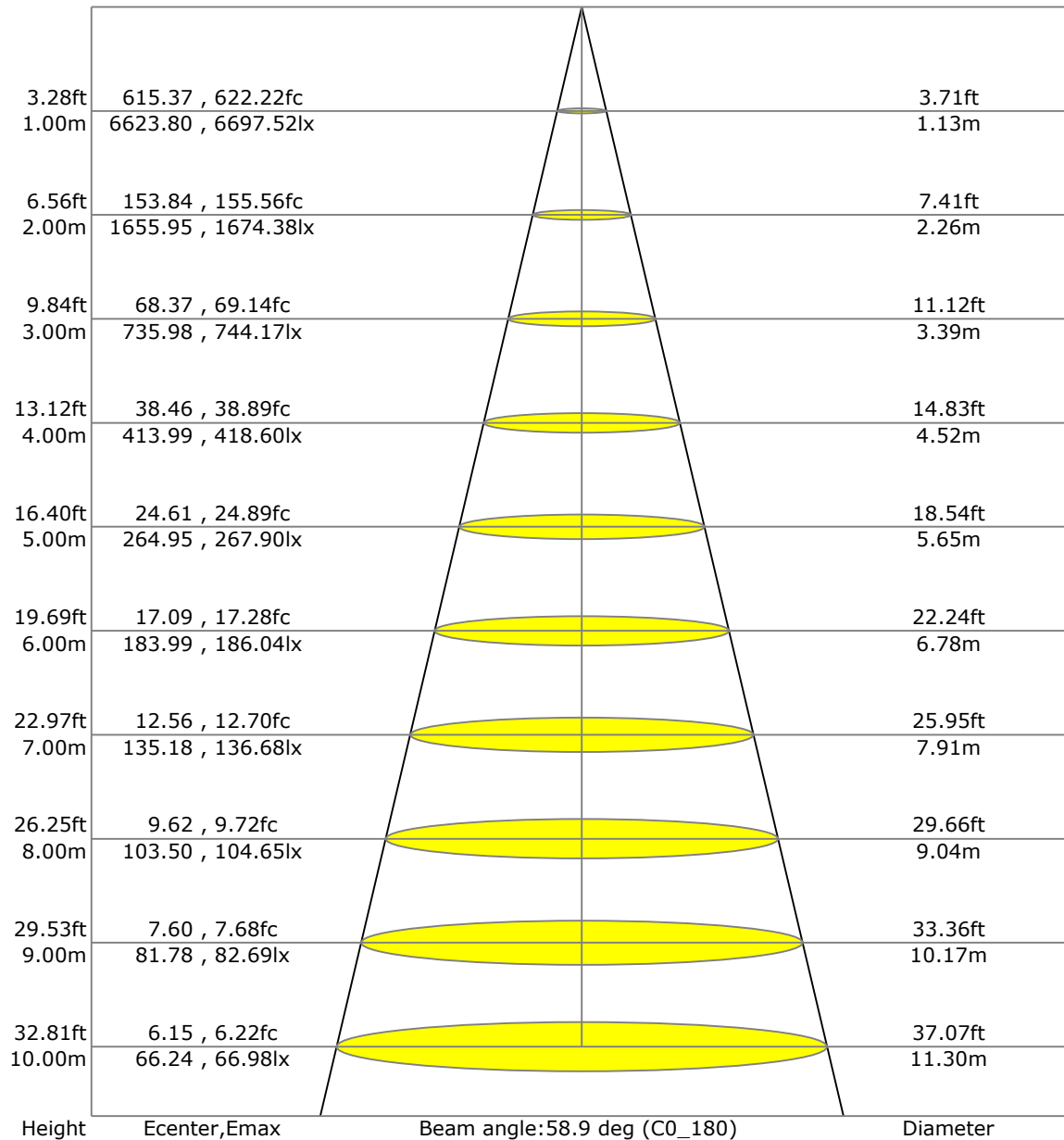
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

Report No.:

Test Time: 2025/6/12 10:35:47

## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.87 m  
 Remarks:

Report No.:

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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            | 8.05           | 8.10 | 8.25 | 8.29 | 8.53 | 8.09             | 8.14 | 8.29 | 8.33 | 8.57 |
| 3H               | 8.04           | 8.09 | 8.24 | 8.28 | 8.53 | 8.07             | 8.12 | 8.27 | 8.31 | 8.56 |
| 4H               | 8.02           | 8.07 | 8.23 | 8.27 | 8.52 | 8.05             | 8.10 | 8.26 | 8.30 | 8.55 |
| 6H               | 8.00           | 8.05 | 8.22 | 8.25 | 8.51 | 8.03             | 8.09 | 8.25 | 8.29 | 8.54 |
| 8H               | 7.99           | 8.04 | 8.21 | 8.25 | 8.50 | 8.03             | 8.08 | 8.24 | 8.28 | 8.53 |
| 12H              | 7.98           | 8.03 | 8.20 | 8.24 | 8.49 | 8.01             | 8.07 | 8.24 | 8.27 | 8.53 |
| 4H 2H            | 8.18           | 8.23 | 8.39 | 8.43 | 8.68 | 8.23             | 8.28 | 8.44 | 8.48 | 8.73 |
| 3H               | 8.17           | 8.23 | 8.40 | 8.43 | 8.69 | 8.22             | 8.27 | 8.44 | 8.48 | 8.73 |
| 4H               | 8.16           | 8.21 | 8.39 | 8.42 | 8.68 | 8.21             | 8.26 | 8.43 | 8.47 | 8.73 |
| 6H               | 8.14           | 8.19 | 8.37 | 8.41 | 8.67 | 8.18             | 8.23 | 8.42 | 8.45 | 8.72 |
| 8H               | 8.12           | 8.17 | 8.37 | 8.40 | 8.66 | 8.17             | 8.22 | 8.41 | 8.44 | 8.71 |
| 12H              | 8.11           | 8.16 | 8.36 | 8.39 | 8.66 | 8.16             | 8.20 | 8.40 | 8.43 | 8.70 |
| 8H 4H            | 8.18           | 8.23 | 8.40 | 8.43 | 8.69 | 8.24             | 8.29 | 8.46 | 8.49 | 8.75 |
| 6H               | 8.14           | 8.18 | 8.39 | 8.42 | 8.69 | 8.20             | 8.24 | 8.45 | 8.48 | 8.75 |
| 8H               | 8.12           | 8.16 | 8.38 | 8.41 | 8.69 | 8.18             | 8.22 | 8.44 | 8.47 | 8.75 |
| 12H              | 8.11           | 8.14 | 8.37 | 8.40 | 8.68 | 8.17             | 8.20 | 8.43 | 8.46 | 8.74 |
| 12H 4H           | 8.15           | 8.20 | 8.40 | 8.43 | 8.70 | 8.22             | 8.26 | 8.46 | 8.49 | 8.76 |
| 6H               | 8.13           | 8.17 | 8.39 | 8.41 | 8.69 | 8.19             | 8.23 | 8.45 | 8.48 | 8.75 |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity: 60

Test Distance: 6.87 m

Remarks:



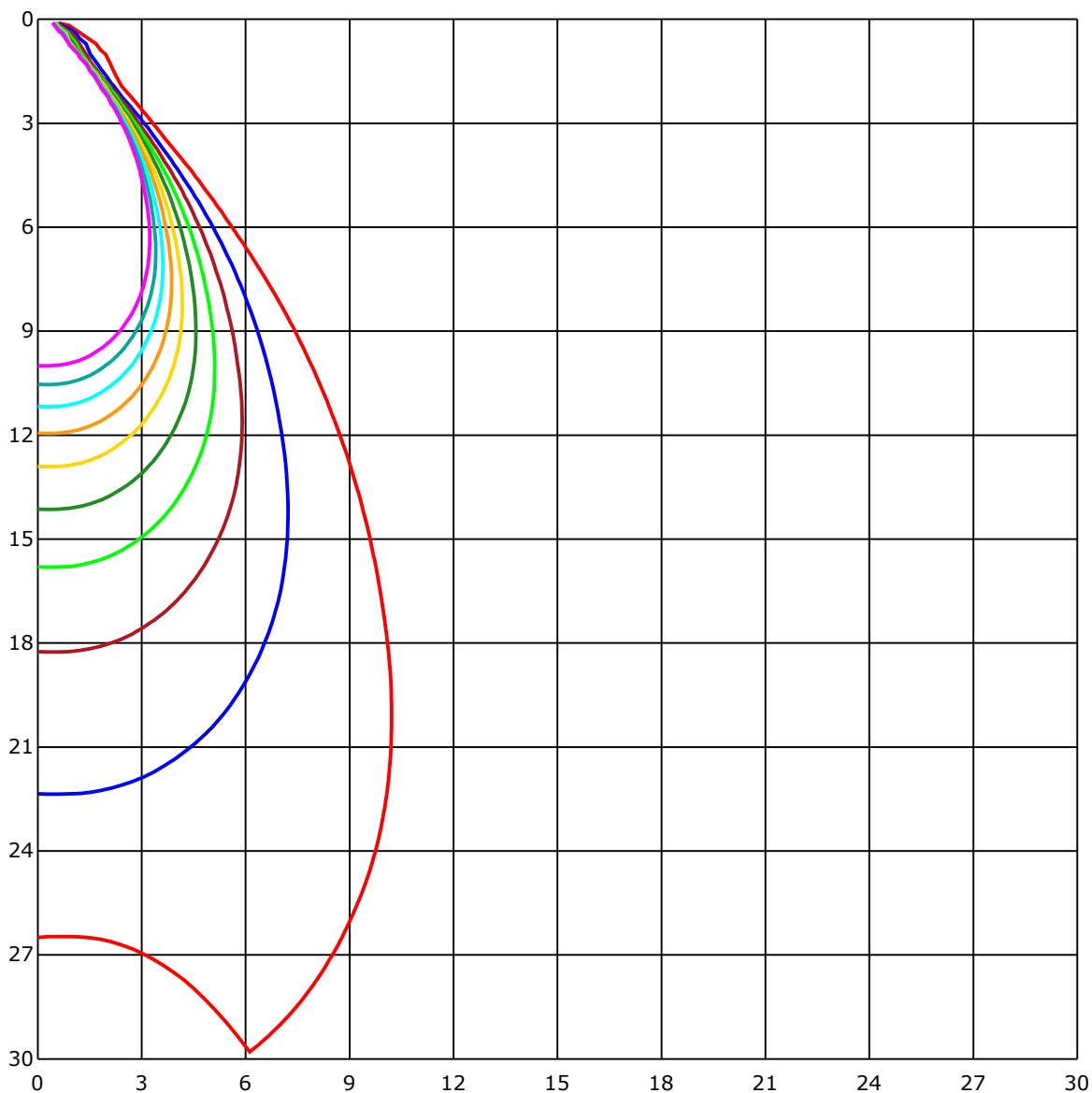
Test Time: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

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## SPACE ISOLX DIAGRAM



Unit of illumination:lx

|        |        |
|--------|--------|
| 66.33  | 33.165 |
| 59.697 | 26.532 |
| 53.064 | 19.899 |
| 46.431 | 13.266 |
| 39.798 | 6.633  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.87 m  
 Remarks:

Report No.:

Test Time: 2025/6/12 10:35:47

## LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G0      | 6623.8  | 6618.94 | 6629.14 | 6597.04 | 6623.8  | 6618.94 | 6629.14 | 6597.04 | 6623.8  |  |
| G1      | 6633.48 | 6612.19 | 6606.62 | 6570.28 | 6609.64 | 6626.44 | 6645.7  | 6620.36 | 6633.48 |  |
| G2      | 6640.23 | 6603.04 | 6586.66 | 6540.03 | 6594.82 | 6626.07 | 6660.33 | 6647.87 | 6640.23 |  |
| G3      | 6648.16 | 6591.66 | 6561.31 | 6510.15 | 6581.7  | 6624.89 | 6667.93 | 6664.49 | 6648.16 |  |
| G4      | 6644.05 | 6572.22 | 6533.99 | 6478.67 | 6564.29 | 6624.32 | 6677.09 | 6677.56 | 6644.05 |  |
| G5      | 6629.65 | 6547.34 | 6503.36 | 6436.43 | 6543.94 | 6618.19 | 6676.05 | 6691.15 | 6629.65 |  |
| G6      | 6604.31 | 6511.47 | 6463.38 | 6390.51 | 6519.26 | 6608.04 | 6668.21 | 6697.52 | 6604.31 |  |
| G7      | 6569.43 | 6468.24 | 6416.18 | 6339.91 | 6494.67 | 6588.22 | 6653.3  | 6689.31 | 6569.43 |  |
| G8      | 6525.96 | 6414.2  | 6359.92 | 6279.41 | 6458.94 | 6564.1  | 6628.05 | 6674.02 | 6525.96 |  |
| G9      | 6466.16 | 6350.81 | 6301.97 | 6208.99 | 6416.28 | 6533.94 | 6590.2  | 6644.99 | 6466.16 |  |
| G10     | 6395.75 | 6280.11 | 6231.17 | 6131.87 | 6359.41 | 6495.71 | 6540.22 | 6607.71 | 6395.75 |  |
| G11     | 6317.4  | 6199.22 | 6152.16 | 6040.68 | 6300.17 | 6442.14 | 6483.3  | 6553.29 | 6317.4  |  |
| G12     | 6231.12 | 6102.56 | 6066.74 | 5939.45 | 6223.62 | 6382.39 | 6412.88 | 6494.39 | 6231.12 |  |
| G13     | 6135.5  | 5999.91 | 5968.14 | 5824.9  | 6142.96 | 6309.38 | 6329.25 | 6420.86 | 6135.5  |  |
| G14     | 6028.74 | 5881.16 | 5862.09 | 5707.19 | 6046.58 | 6222.68 | 6241.6  | 6337.69 | 6028.74 |  |
| G15     | 5911.79 | 5759.49 | 5748.02 | 5577.73 | 5942.47 | 6130.22 | 6138.24 | 6244.76 | 5911.79 |  |
| G16     | 5781.53 | 5626.01 | 5624.22 | 5444.21 | 5828.39 | 6024.26 | 6025.35 | 6145.89 | 5781.53 |  |
| G17     | 5642.67 | 5486.83 | 5491.74 | 5297.24 | 5708.18 | 5905.37 | 5901.78 | 6030.3  | 5642.67 |  |
| G18     | 5497.07 | 5334.52 | 5349.96 | 5138.56 | 5576.08 | 5774.4  | 5766.75 | 5910.94 | 5497.07 |  |
| G19     | 5340.19 | 5171.41 | 5199.31 | 4968.7  | 5432.03 | 5638.76 | 5622.43 | 5779.73 | 5340.19 |  |
| G20     | 5174.39 | 4999.24 | 5036.52 | 4793.55 | 5279.96 | 5489.38 | 5473.9  | 5643.1  | 5174.39 |  |
| G21     | 5008.3  | 4827.35 | 4864.21 | 4608.82 | 5119.4  | 5334.52 | 5315.88 | 5494.43 | 5008.3  |  |
| G22     | 4821.92 | 4641.01 | 4690.1  | 4419.23 | 4947.89 | 5167.45 | 5144.23 | 5337.88 | 4821.92 |  |
| G23     | 4631.95 | 4445.52 | 4498.53 | 4224.31 | 4773.31 | 4995.23 | 4962.24 | 5172.45 | 4631.95 |  |
| G24     | 4425.7  | 4255.79 | 4304.4  | 4007.54 | 4586.22 | 4809.69 | 4768.16 | 4999.85 | 4425.7  |  |
| G25     | 4214.26 | 4024.06 | 4100.37 | 3793.92 | 4389.03 | 4615.34 | 4568.42 | 4814.04 | 4214.26 |  |
| G26     | 3997.48 | 3807.56 | 3893.13 | 3570.07 | 4182.92 | 4417.44 | 4362.5  | 4627.7  | 3997.48 |  |
| G27     | 3763.81 | 3576.2  | 3678.57 | 3347.02 | 3975.3  | 4209.35 | 4151.53 | 4422.44 | 3763.81 |  |
| G28     | 3539.39 | 3356.79 | 3460.81 | 3118.25 | 3764.94 | 3992.24 | 3923.67 | 4218.98 | 3539.39 |  |
| G29     | 3306.19 | 3112.49 | 3242.05 | 2889.3  | 3542.55 | 3766.64 | 3699.25 | 4009.0  | 3306.19 |  |
| G30     | 3068.51 | 2878.02 | 3017.96 | 2664.88 | 3326.91 | 3545.1  | 3460.1  | 3775.28 | 3068.51 |  |
| G31     | 2841.21 | 2648.88 | 2793.21 | 2442.35 | 3090.97 | 3305.77 | 3228.27 | 3554.26 | 2841.21 |  |
| G32     | 2620.61 | 2433.33 | 2568.55 | 2230.24 | 2869.34 | 3077.9  | 3006.07 | 3320.96 | 2620.61 |  |
| G33     | 2407.61 | 2213.39 | 2359.09 | 2026.12 | 2642.32 | 2847.96 | 2781.22 | 3099.89 | 2407.61 |  |
| G34     | 2201.74 | 2009.41 | 2145.71 | 1826.9  | 2432.53 | 2625.47 | 2559.68 | 2870.7  | 2201.74 |  |
| G35     | 1999.12 | 1813.68 | 1946.78 | 1638.87 | 2223.16 | 2411.57 | 2347.53 | 2654.78 | 1999.12 |  |
| G36     | 1804.62 | 1624.94 | 1752.09 | 1458.67 | 2024.32 | 2202.68 | 2138.73 | 2438.81 | 1804.62 |  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity: 60

Test Distance: 6.87 m

Remarks:

Report No.:

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## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G37     | 1614.09 | 1440.12 | 1563.3  | 1287.77 | 1828.22 | 2001.81 | 1945.79 | 2234.4  | 1614.09 |  |
| G38     | 1434.36 | 1263.65 | 1382.78 | 1117.15 | 1641.93 | 1812.83 | 1756.34 | 2036.92 | 1434.36 |  |
| G39     | 1253.83 | 1091.43 | 1208.34 | 961.12  | 1461.5  | 1634.76 | 1570.48 | 1851.72 | 1253.83 |  |
| G40     | 1086.19 | 930.2   | 1043.62 | 813.96  | 1290.03 | 1457.77 | 1390.7  | 1660.81 | 1086.19 |  |
| G41     | 920.39  | 774.45  | 892.87  | 678.27  | 1128.53 | 1287.3  | 1221.27 | 1480.33 | 920.39  |  |
| G42     | 761.0   | 629.8   | 748.12  | 556.64  | 971.93  | 1124.66 | 1054.71 | 1299.9  | 761.0   |  |
| G43     | 617.43  | 501.99  | 617.62  | 451.44  | 816.88  | 962.34  | 901.79  | 1129.71 | 617.43  |  |
| G44     | 494.34  | 393.53  | 503.69  | 362.61  | 675.43  | 813.16  | 762.7   | 966.83  | 494.34  |  |
| G45     | 387.53  | 304.42  | 409.34  | 291.63  | 549.37  | 675.48  | 637.11  | 817.92  | 387.53  |  |
| G46     | 298.76  | 236.13  | 330.1   | 236.17  | 440.3   | 546.16  | 521.57  | 680.01  | 298.76  |  |
| G47     | 228.34  | 184.45  | 269.07  | 194.03  | 347.84  | 434.12  | 421.14  | 556.22  | 228.34  |  |
| G48     | 178.26  | 149.33  | 220.36  | 162.22  | 273.69  | 341.8   | 339.3   | 449.17  | 178.26  |  |
| G49     | 143.95  | 124.65  | 184.3   | 139.33  | 217.25  | 267.56  | 274.12  | 361.86  | 143.95  |  |
| G50     | 120.64  | 108.41  | 156.93  | 121.91  | 176.52  | 212.95  | 220.32  | 290.4   | 120.64  |  |
| G51     | 104.87  | 97.27   | 137.63  | 109.07  | 148.01  | 173.54  | 180.58  | 236.41  | 104.87  |  |
| G52     | 94.87   | 89.86   | 122.95  | 100.06  | 129.37  | 146.31  | 151.69  | 195.77  | 94.87   |  |
| G53     | 88.21   | 84.91   | 112.71  | 93.12   | 116.34  | 127.81  | 130.55  | 166.51  | 88.21   |  |
| G54     | 84.06   | 81.84   | 104.59  | 88.02   | 107.51  | 115.21  | 114.59  | 144.56  | 84.06   |  |
| G55     | 81.32   | 79.81   | 98.92   | 84.25   | 101.66  | 106.33  | 103.74  | 128.56  | 81.32   |  |
| G56     | 79.86   | 78.82   | 94.49   | 81.04   | 97.89   | 100.86  | 96.19   | 116.58  | 79.86   |  |
| G57     | 78.49   | 77.26   | 91.14   | 78.39   | 95.2    | 97.04   | 90.67   | 108.32  | 78.49   |  |
| G58     | 77.59   | 76.18   | 87.83   | 75.8    | 93.31   | 94.54   | 86.56   | 101.43  | 77.59   |  |
| G59     | 76.13   | 74.48   | 85.19   | 72.97   | 91.42   | 92.46   | 82.97   | 96.66   | 76.13   |  |
| G60     | 74.67   | 72.73   | 81.46   | 69.99   | 89.72   | 90.67   | 80.28   | 92.84   | 74.67   |  |
| G61     | 72.68   | 70.13   | 77.92   | 66.97   | 87.69   | 88.31   | 77.83   | 89.63   | 72.68   |  |
| G62     | 70.42   | 67.11   | 74.57   | 63.95   | 85.99   | 86.32   | 74.81   | 86.37   | 70.42   |  |
| G63     | 67.4    | 63.86   | 70.94   | 60.88   | 82.55   | 83.44   | 71.79   | 83.21   | 67.4    |  |
| G64     | 64.33   | 60.46   | 67.44   | 57.67   | 79.24   | 80.19   | 68.67   | 79.76   | 64.33   |  |
| G65     | 60.79   | 57.06   | 63.95   | 54.28   | 75.56   | 76.84   | 65.32   | 76.27   | 60.79   |  |
| G66     | 57.25   | 53.66   | 60.22   | 50.69   | 71.79   | 72.97   | 62.25   | 72.68   | 57.25   |  |
| G67     | 53.38   | 49.98   | 56.49   | 46.87   | 67.73   | 69.33   | 58.38   | 69.52   | 53.38   |  |
| G68     | 49.27   | 46.11   | 52.62   | 43.37   | 63.72   | 65.65   | 54.98   | 65.84   | 49.27   |  |
| G69     | 45.59   | 42.15   | 48.75   | 39.93   | 59.7    | 61.83   | 51.73   | 62.49   | 45.59   |  |
| G70     | 41.96   | 38.47   | 45.17   | 36.34   | 55.65   | 57.82   | 47.57   | 58.67   | 41.96   |  |
| G71     | 38.28   | 34.97   | 41.63   | 33.04   | 51.68   | 53.9    | 44.32   | 54.89   | 38.28   |  |
| G72     | 34.64   | 31.29   | 37.95   | 29.64   | 47.29   | 49.37   | 40.54   | 50.93   | 34.64   |  |
| G73     | 30.87   | 27.52   | 34.74   | 26.43   | 42.9    | 45.31   | 37.24   | 47.01   | 30.87   |  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2025/6/12 10:35:47

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1600B Goniophotometer

Humidity: 60

Test Distance: 6.87 m

Remarks:

Test Time: 2025/6/12 10:35:47

## 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: 2025/6/12 10:35:47

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks: