

Report No.:

Test Time: 2025/4/8 11:18:37

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: InBright  
Luminaire Type: IBDL226CT115-20W  
Lamp Type:  
Luminous Width: 106 mm  
Luminous Length: 106 mm  
Luminous Height: 55 mm

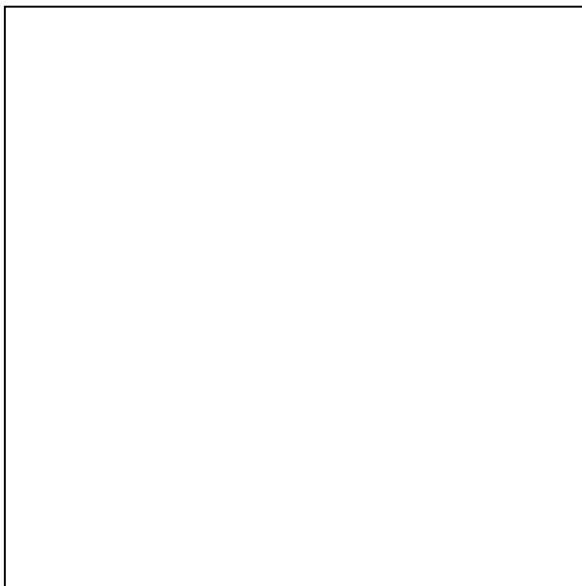
Voltage(V): 219.90 V  
Current(A): 0.0900 A  
Power(W): 19.39 W  
Power Factor: 0.9720  
Lamp Luminous Flux: 2018.64

### Photometric Results

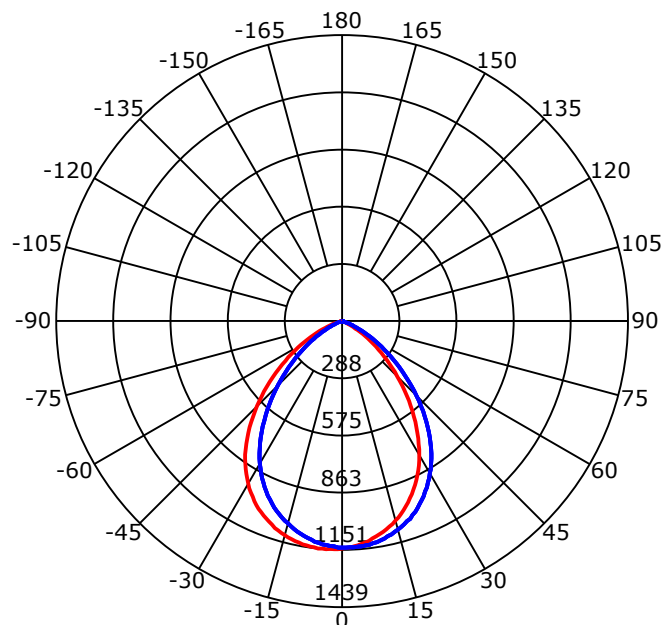
CIE Class: Direct  
Luminaire Luminous Flux: 2018.642 lm  
Downward Ratio: 100.00%  
Luminaire Efficacy Rating(LER): 104.11 lm/W  
Beam Angle(50%) C0-180,C90-270: 84.2,84.1  
Field Angle(10%) C0-180,C90-270: 124.8,124.6  
S/MH C0-180,C90-270: 1.109,1.109

Max. Intensity: 1150.94 cd  
Max.Intensity Angle: C=180 Gamma=6  
Upward Ratio: 0.00%  
Efficacy: 100.00%  
Center Intensity: 1144.38 cd  
Effective Luminous Flux: 1958.11 lm  
ERP( $\phi$ use)(120deg): 1920.98 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 84.2 deg,84.1 deg

C0-180 — C90-270 —

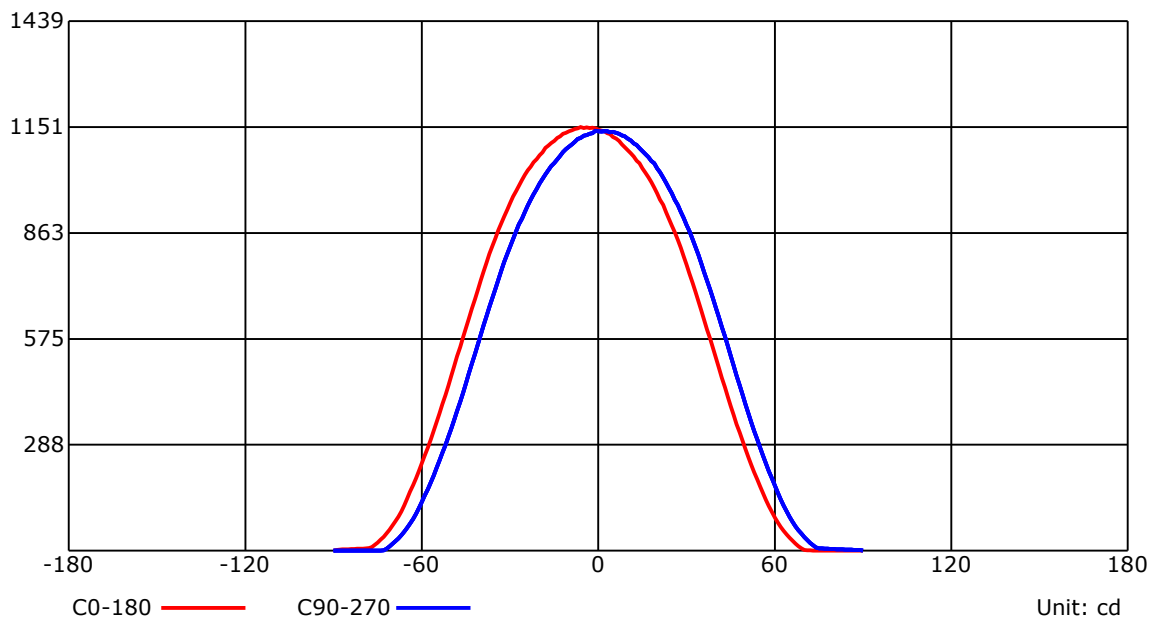
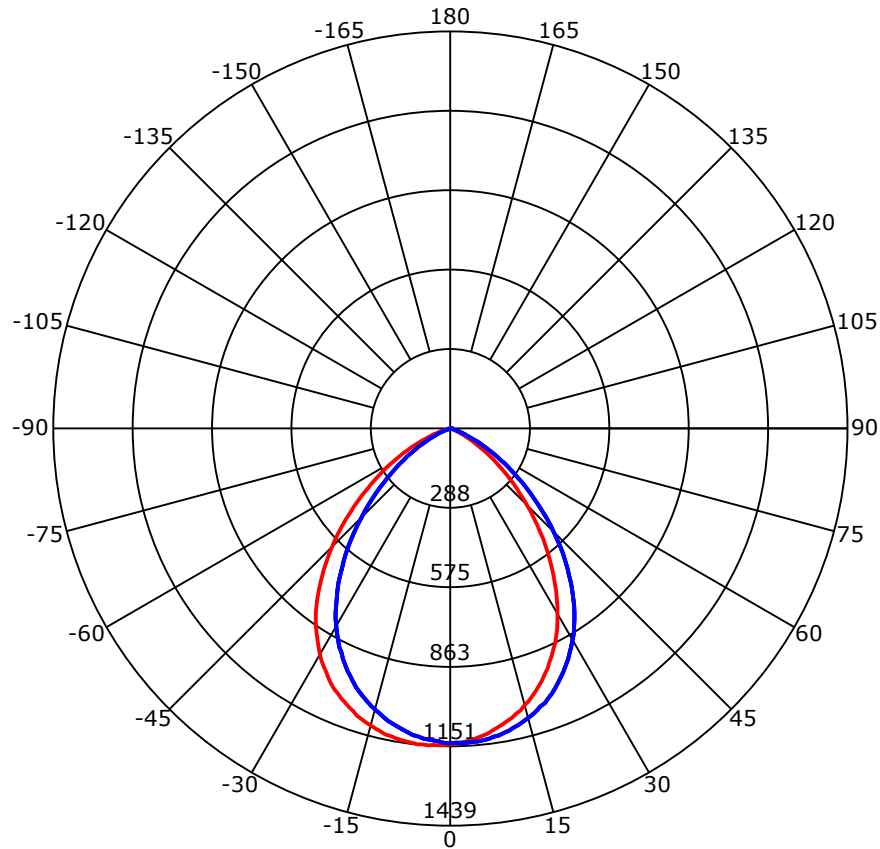
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## Luminous Intensity Distribution Curve



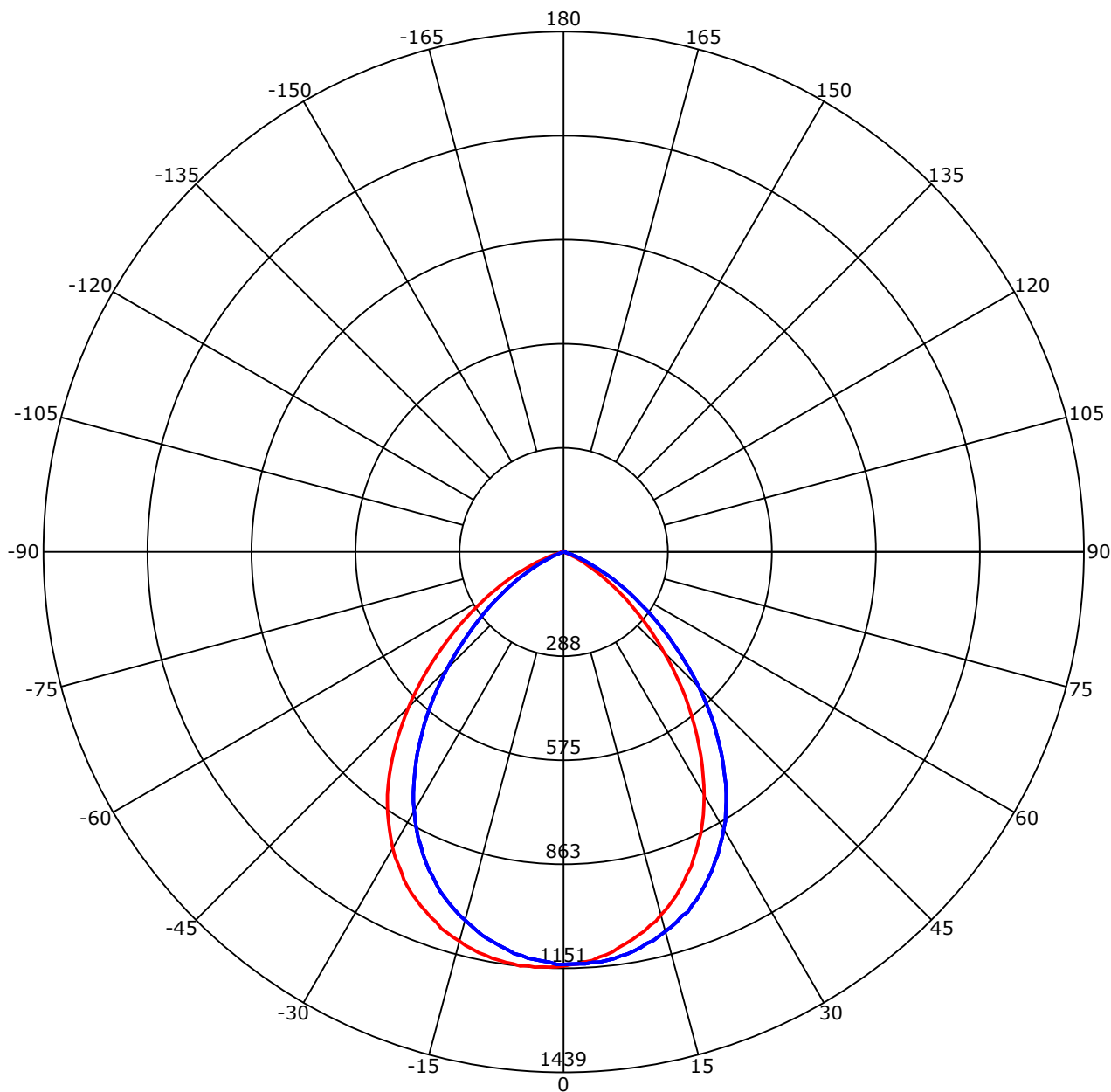
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## 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: 2025/4/8 11:18:37

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

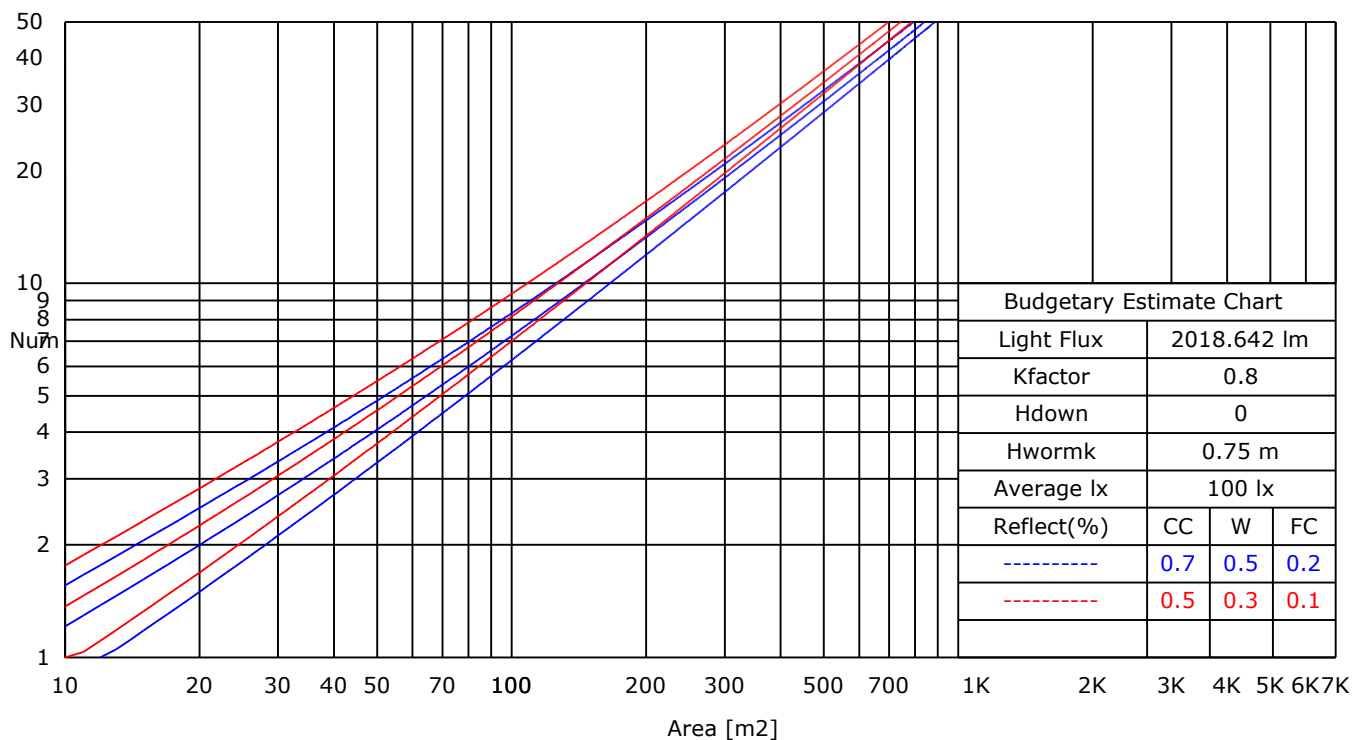
Report No.:

Test Time: 2025/4/8 11:18:37

## 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     | 1.09                                     | 1.07 | 1.06 | 1.07 | 1.06 | 1.04 | 1.03 | 1.01 | 1.00 | 0.98 | 0.96 | 0.95 | 0.91 | 0.89 | 0.88 | 0.83 |
| 2     | 1.01                                     | 0.99 | 0.98 | 0.99 | 0.97 | 0.96 | 0.96 | 0.94 | 0.92 | 0.92 | 0.89 | 0.87 | 0.86 | 0.84 | 0.81 | 0.76 |
| 3     | 0.93                                     | 0.91 | 0.90 | 0.92 | 0.90 | 0.88 | 0.89 | 0.87 | 0.84 | 0.86 | 0.83 | 0.80 | 0.82 | 0.78 | 0.75 | 0.70 |
| 4     | 0.86                                     | 0.84 | 0.83 | 0.86 | 0.83 | 0.81 | 0.83 | 0.80 | 0.78 | 0.81 | 0.77 | 0.74 | 0.77 | 0.73 | 0.69 | 0.65 |
| 5     | 0.80                                     | 0.78 | 0.77 | 0.80 | 0.77 | 0.75 | 0.78 | 0.75 | 0.72 | 0.76 | 0.72 | 0.68 | 0.73 | 0.68 | 0.64 | 0.60 |
| 6     | 0.75                                     | 0.73 | 0.72 | 0.74 | 0.72 | 0.70 | 0.73 | 0.70 | 0.67 | 0.71 | 0.67 | 0.64 | 0.69 | 0.64 | 0.60 | 0.56 |
| 7     | 0.70                                     | 0.68 | 0.67 | 0.70 | 0.67 | 0.66 | 0.69 | 0.65 | 0.63 | 0.67 | 0.63 | 0.59 | 0.65 | 0.60 | 0.56 | 0.53 |
| 8     | 0.66                                     | 0.64 | 0.63 | 0.66 | 0.63 | 0.62 | 0.65 | 0.61 | 0.59 | 0.63 | 0.59 | 0.56 | 0.62 | 0.57 | 0.53 | 0.49 |
| 9     | 0.62                                     | 0.60 | 0.59 | 0.62 | 0.59 | 0.58 | 0.61 | 0.58 | 0.55 | 0.60 | 0.56 | 0.52 | 0.59 | 0.53 | 0.50 | 0.46 |
| 10    | 0.59                                     | 0.57 | 0.56 | 0.58 | 0.56 | 0.55 | 0.58 | 0.54 | 0.52 | 0.57 | 0.53 | 0.50 | 0.56 | 0.51 | 0.47 | 0.44 |

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



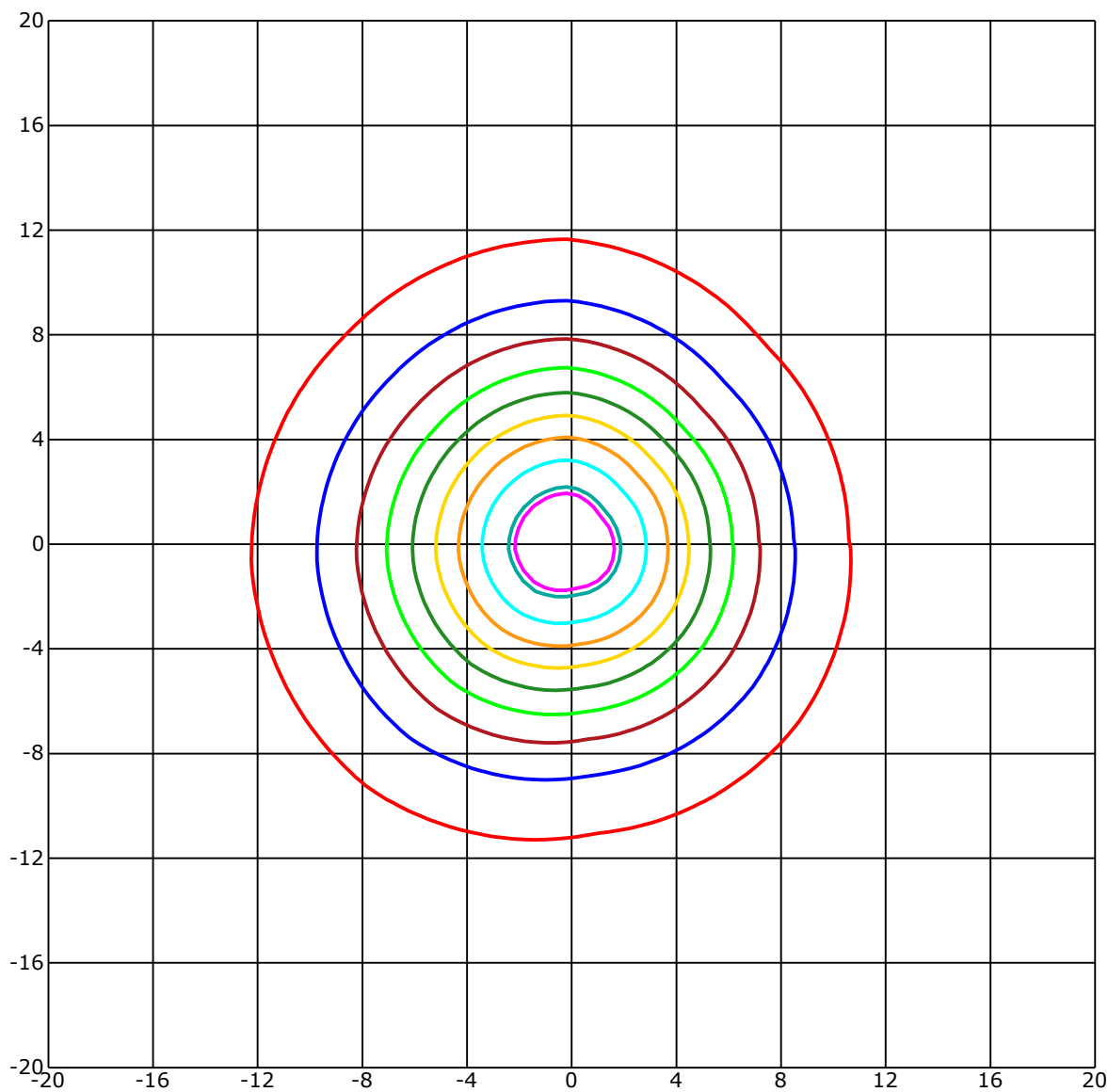
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## ISOLX DIAGRAM



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

|                 |                |
|-----------------|----------------|
| 10.563(92%Emax) | 5.741(50%Emax) |
| 10.333(90%Emax) | 4.593(40%Emax) |
| 9.185(80%Emax)  | 3.444(30%Emax) |
| 8.037(70%Emax)  | 2.296(20%Emax) |
| 6.889(60%Emax)  | 1.148(10%Emax) |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

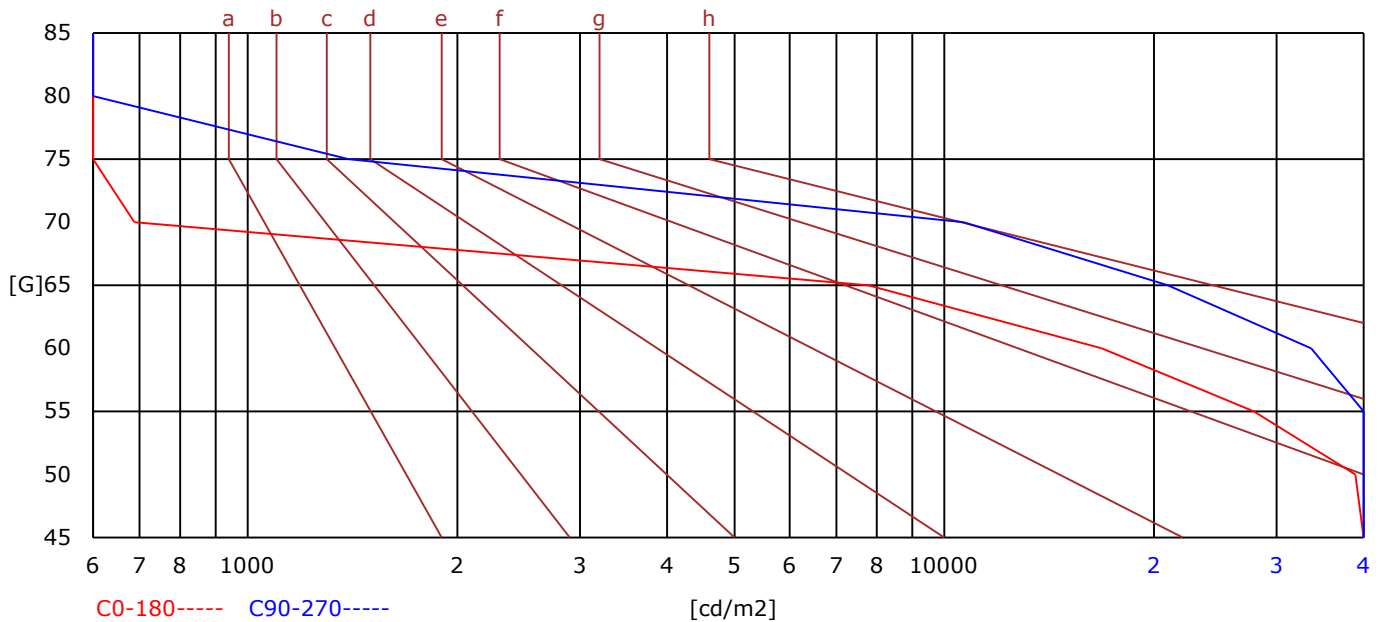
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

Report No.:

Test Time: 2025/4/8 11:18:37

## BRIGHT LIMIT DIAGRAM

| C/G    | 45      | 50          | 55    | 60    | 65    | 70    | 75    | 80    | 85    |
|--------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|
| C0     | 49852   | 38921       | 27814 | 16836 | 7772  | 688   | 49    | 0     | 0     |
| C90    | 68725   | 57317       | 45507 | 33604 | 20922 | 10660 | 1396  | 73    | 0     |
| 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     |



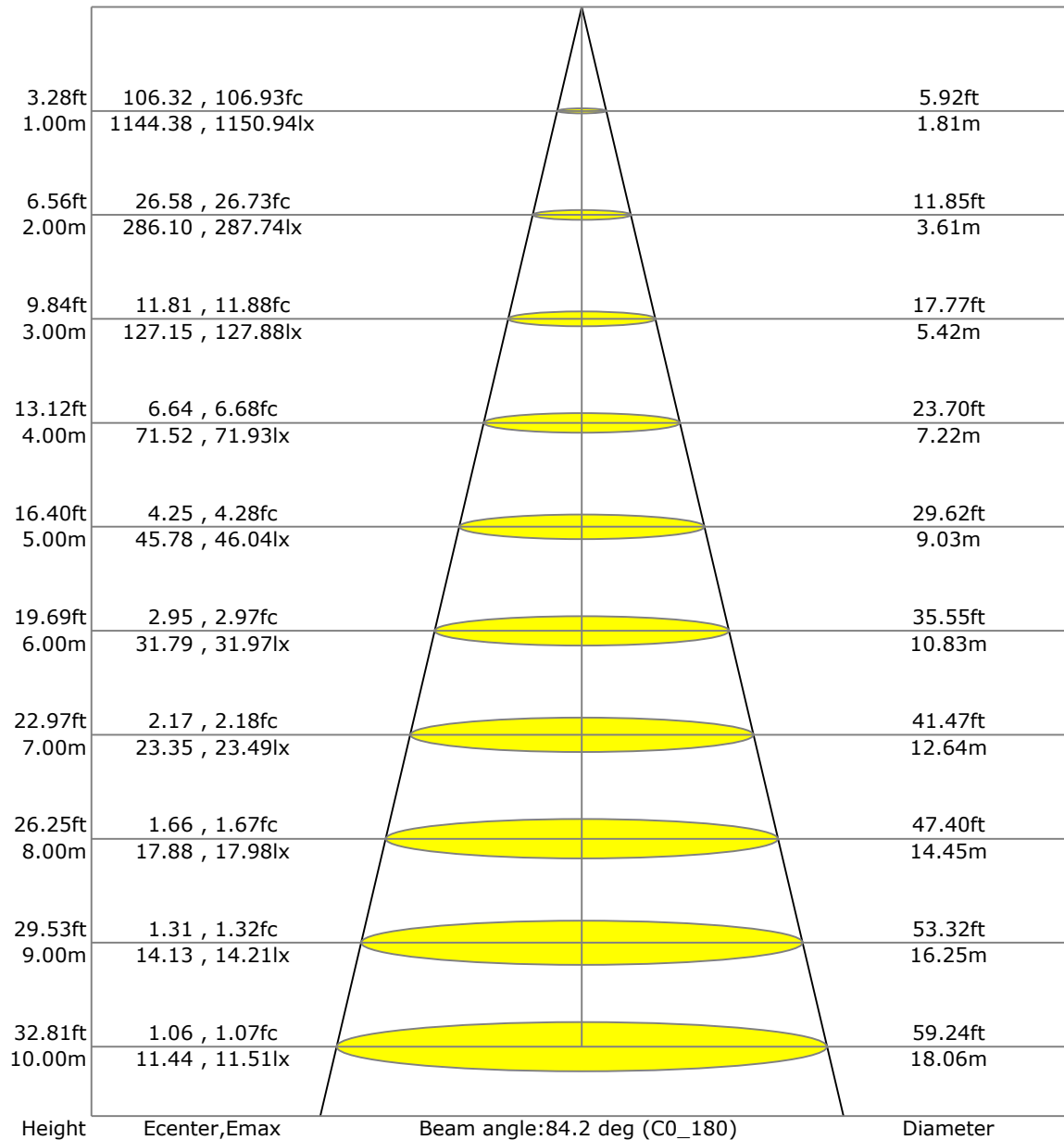
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

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            | 17.07          | 17.14 | 17.27 | 17.32 | 17.57 | 17.78            | 17.85 | 17.98 | 18.03 | 18.28 |
| 3H               | 17.05          | 17.11 | 17.25 | 17.30 | 17.55 | 17.75            | 17.81 | 17.95 | 18.00 | 18.25 |
| 4H               | 17.02          | 17.08 | 17.23 | 17.28 | 17.53 | 17.72            | 17.78 | 17.93 | 17.98 | 18.23 |
| 6H               | 17.00          | 17.06 | 17.21 | 17.26 | 17.51 | 17.70            | 17.76 | 17.91 | 17.96 | 18.21 |
| 8H               | 16.99          | 17.04 | 17.20 | 17.25 | 17.50 | 17.69            | 17.74 | 17.90 | 17.95 | 18.20 |
| 12H              | 16.97          | 17.03 | 17.19 | 17.24 | 17.49 | 17.67            | 17.73 | 17.89 | 17.93 | 18.19 |
| 4H 2H            | 17.09          | 17.15 | 17.30 | 17.34 | 17.59 | 17.98            | 18.04 | 18.20 | 18.24 | 18.49 |
| 3H               | 17.05          | 17.11 | 17.27 | 17.31 | 17.57 | 17.94            | 17.99 | 18.16 | 18.20 | 18.46 |
| 4H               | 17.02          | 17.08 | 17.25 | 17.29 | 17.55 | 17.91            | 17.96 | 18.14 | 18.18 | 18.44 |
| 6H               | 16.99          | 17.04 | 17.23 | 17.26 | 17.53 | 17.88            | 17.93 | 18.12 | 18.15 | 18.41 |
| 8H               | 16.98          | 17.02 | 17.22 | 17.25 | 17.52 | 17.86            | 17.91 | 18.10 | 18.14 | 18.40 |
| 12H              | 16.96          | 17.01 | 17.21 | 17.24 | 17.51 | 17.85            | 17.89 | 18.09 | 18.12 | 18.39 |
| 8H 4H            | 17.05          | 17.11 | 17.27 | 17.31 | 17.56 | 17.95            | 18.01 | 18.17 | 18.21 | 18.47 |
| 6H               | 16.94          | 16.98 | 17.19 | 17.22 | 17.50 | 17.83            | 17.88 | 18.09 | 18.11 | 18.39 |
| 8H               | 16.92          | 16.96 | 17.18 | 17.21 | 17.48 | 17.81            | 17.85 | 18.07 | 18.10 | 18.38 |
| 12H              | 16.90          | 16.94 | 17.17 | 17.19 | 17.47 | 17.79            | 17.83 | 18.06 | 18.08 | 18.36 |
| 12H 4H           | 16.96          | 17.01 | 17.21 | 17.24 | 17.51 | 17.85            | 17.90 | 18.10 | 18.13 | 18.40 |
| 6H               | 16.92          | 16.96 | 17.18 | 17.21 | 17.48 | 17.82            | 17.86 | 18.08 | 18.10 | 18.38 |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

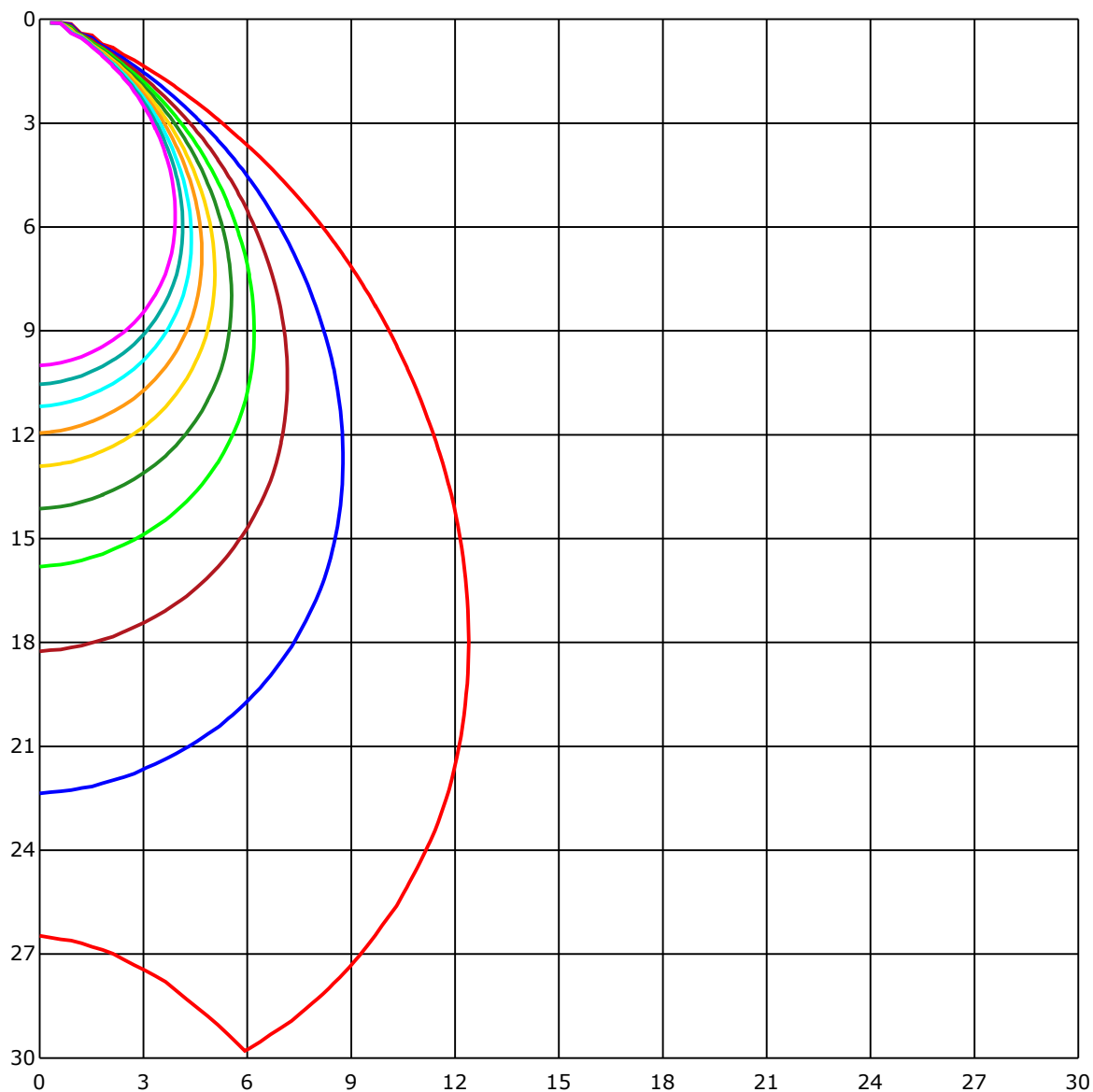
G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1600B Goniophotometer  
Humidity: 60  
Test Distance: 6.87 m  
Remarks:

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: 2025/4/8 11:18:37

## SPACE ISOLX DIAGRAM



11.451

10.306

9.161

8.016

6.871

5.726

4.581

3.435

2.29

1.145

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G0      | 1144.38 | 1132.49 | 1139.99 | 1148.16 | 1144.38 | 1132.49 | 1139.99 | 1148.16 | 1144.38 |  |
| G1      | 1141.08 | 1132.63 | 1139.24 | 1146.04 | 1147.31 | 1135.89 | 1140.28 | 1143.86 | 1141.08 |  |
| G2      | 1139.62 | 1127.2  | 1139.52 | 1147.36 | 1148.87 | 1135.37 | 1134.28 | 1142.4  | 1139.62 |  |
| G3      | 1134.85 | 1126.07 | 1139.99 | 1147.26 | 1148.25 | 1136.03 | 1132.49 | 1137.12 | 1134.85 |  |
| G4      | 1131.83 | 1120.17 | 1137.35 | 1145.94 | 1150.28 | 1136.93 | 1129.38 | 1135.04 | 1131.83 |  |
| G5      | 1123.99 | 1115.07 | 1138.3  | 1144.15 | 1148.4  | 1138.11 | 1127.35 | 1129.19 | 1123.99 |  |
| G6      | 1119.61 | 1108.66 | 1135.18 | 1144.1  | 1150.94 | 1136.27 | 1121.4  | 1125.84 | 1119.61 |  |
| G7      | 1113.8  | 1105.49 | 1133.15 | 1141.08 | 1147.22 | 1134.66 | 1118.71 | 1118.61 | 1113.8  |  |
| G8      | 1103.98 | 1095.63 | 1128.01 | 1140.66 | 1145.52 | 1132.35 | 1110.59 | 1113.94 | 1103.98 |  |
| G9      | 1096.29 | 1089.02 | 1125.46 | 1133.72 | 1142.26 | 1129.47 | 1104.41 | 1106.34 | 1096.29 |  |
| G10     | 1088.74 | 1081.94 | 1119.94 | 1132.73 | 1140.09 | 1126.73 | 1097.56 | 1099.64 | 1088.74 |  |
| G11     | 1079.87 | 1072.79 | 1114.46 | 1125.41 | 1135.56 | 1120.93 | 1090.72 | 1091.57 | 1079.87 |  |
| G12     | 1071.18 | 1065.42 | 1106.63 | 1119.75 | 1132.68 | 1116.11 | 1083.26 | 1081.38 | 1071.18 |  |
| G13     | 1059.81 | 1053.72 | 1102.28 | 1112.43 | 1126.21 | 1112.95 | 1073.02 | 1072.13 | 1059.81 |  |
| G14     | 1052.35 | 1044.56 | 1093.32 | 1107.81 | 1121.26 | 1103.51 | 1063.02 | 1063.39 | 1052.35 |  |
| G15     | 1038.85 | 1036.26 | 1086.05 | 1097.94 | 1114.04 | 1098.37 | 1053.48 | 1054.38 | 1038.85 |  |
| G16     | 1027.67 | 1021.77 | 1077.84 | 1091.19 | 1107.95 | 1089.4  | 1044.8  | 1043.71 | 1027.67 |  |
| G17     | 1014.17 | 1010.77 | 1069.25 | 1081.47 | 1100.44 | 1083.17 | 1033.47 | 1031.49 | 1014.17 |  |
| G18     | 1001.0  | 995.95  | 1058.39 | 1074.53 | 1094.54 | 1073.73 | 1022.14 | 1020.54 | 1001.0  |  |
| G19     | 986.18  | 985.94  | 1052.63 | 1063.11 | 1082.51 | 1064.76 | 1010.49 | 1005.86 | 986.18  |  |
| G20     | 970.84  | 967.49  | 1038.62 | 1054.24 | 1074.3  | 1055.18 | 998.12  | 992.41  | 970.84  |  |
| G21     | 953.47  | 952.48  | 1028.33 | 1042.01 | 1063.87 | 1046.78 | 983.16  | 977.07  | 953.47  |  |
| G22     | 939.5   | 936.06  | 1013.51 | 1028.56 | 1054.9  | 1036.49 | 967.91  | 963.15  | 939.5   |  |
| G23     | 919.96  | 917.6   | 1000.06 | 1015.68 | 1043.48 | 1024.41 | 953.85  | 946.25  | 919.96  |  |
| G24     | 901.74  | 900.61  | 984.81  | 1002.56 | 1033.94 | 1011.43 | 937.71  | 930.35  | 901.74  |  |
| G25     | 882.91  | 883.38  | 971.03  | 987.08  | 1021.01 | 1001.38 | 920.81  | 911.32  | 882.91  |  |
| G26     | 865.64  | 863.94  | 953.9   | 973.72  | 1007.47 | 985.38  | 902.03  | 894.33  | 865.64  |  |
| G27     | 844.07  | 844.54  | 939.03  | 955.45  | 990.95  | 970.23  | 886.78  | 875.64  | 844.07  |  |
| G28     | 823.44  | 823.16  | 920.58  | 939.88  | 976.5   | 954.42  | 866.3   | 857.9   | 823.44  |  |
| G29     | 799.52  | 801.59  | 903.58  | 921.33  | 961.97  | 938.51  | 846.95  | 839.4   | 799.52  |  |
| G30     | 776.72  | 778.47  | 884.56  | 904.29  | 945.02  | 922.32  | 826.42  | 818.39  | 776.72  |  |
| G31     | 752.84  | 755.39  | 868.28  | 885.93  | 926.62  | 905.71  | 806.12  | 795.31  | 752.84  |  |
| G32     | 727.73  | 729.76  | 845.58  | 865.45  | 907.74  | 887.11  | 784.22  | 772.9   | 727.73  |  |
| G33     | 703.47  | 705.92  | 825.0   | 844.54  | 889.05  | 871.4   | 760.06  | 749.11  | 703.47  |  |
| G34     | 677.84  | 680.39  | 804.33  | 822.83  | 870.78  | 849.73  | 735.85  | 726.41  | 677.84  |  |
| G35     | 652.45  | 656.65  | 780.87  | 799.61  | 849.31  | 829.96  | 712.11  | 701.63  | 652.45  |  |
| G36     | 626.82  | 629.7   | 756.24  | 776.11  | 829.11  | 807.21  | 688.56  | 676.99  | 626.82  |  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators: QC01

Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| Gamma\C | C0     | C45    | C90    | C135   | C180   | C225   | C270   | C315   | C360   |  |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| G37     | 600.77 | 604.64 | 733.39 | 751.94 | 806.26 | 785.4  | 662.41 | 651.6  | 600.77 |  |
| G38     | 574.81 | 578.35 | 708.61 | 729.0  | 782.43 | 762.51 | 636.54 | 627.01 | 574.81 |  |
| G39     | 549.09 | 553.95 | 683.69 | 703.47 | 758.41 | 740.71 | 612.24 | 602.23 | 549.09 |  |
| G40     | 523.41 | 526.53 | 659.06 | 676.9  | 734.15 | 715.27 | 586.47 | 576.56 | 523.41 |  |
| G41     | 496.75 | 499.86 | 634.66 | 651.88 | 708.57 | 691.43 | 560.56 | 550.74 | 496.75 |  |
| G42     | 470.22 | 473.9  | 608.56 | 625.17 | 683.41 | 665.95 | 534.13 | 526.15 | 470.22 |  |
| G43     | 443.6  | 447.99 | 582.13 | 598.13 | 657.17 | 639.99 | 507.27 | 498.78 | 443.6  |  |
| G44     | 417.5  | 421.19 | 555.84 | 572.4  | 631.16 | 614.65 | 481.97 | 472.54 | 417.5  |  |
| G45     | 392.44 | 396.08 | 529.41 | 546.02 | 605.87 | 589.02 | 455.36 | 446.44 | 392.44 |  |
| G46     | 368.75 | 371.96 | 503.31 | 519.69 | 580.57 | 563.44 | 429.16 | 422.13 | 368.75 |  |
| G47     | 344.16 | 348.12 | 476.45 | 493.68 | 553.43 | 538.33 | 404.38 | 395.75 | 344.16 |  |
| G48     | 321.6  | 325.47 | 448.98 | 466.54 | 527.9  | 510.67 | 379.7  | 371.63 | 321.6  |  |
| G49     | 298.28 | 303.15 | 423.4  | 439.64 | 500.95 | 485.23 | 355.25 | 347.46 | 298.28 |  |
| G50     | 276.24 | 281.1  | 397.54 | 413.96 | 475.13 | 457.95 | 331.89 | 324.67 | 276.24 |  |
| G51     | 254.63 | 259.3  | 373.14 | 388.1  | 447.9  | 432.42 | 310.13 | 302.01 | 254.63 |  |
| G52     | 233.72 | 238.53 | 349.07 | 363.37 | 422.55 | 406.6  | 286.96 | 280.82 | 233.72 |  |
| G53     | 213.14 | 218.0  | 325.89 | 339.68 | 397.35 | 382.34 | 265.34 | 258.4  | 213.14 |  |
| G54     | 193.7  | 198.23 | 302.44 | 315.75 | 372.19 | 357.8  | 244.67 | 237.4  | 193.7  |  |
| G55     | 173.97 | 179.25 | 279.55 | 293.28 | 348.64 | 334.67 | 224.33 | 216.68 | 173.97 |  |
| G56     | 155.51 | 160.94 | 257.41 | 271.0  | 325.33 | 310.93 | 204.08 | 196.95 | 155.51 |  |
| G57     | 138.05 | 143.53 | 236.55 | 249.62 | 302.34 | 288.42 | 185.58 | 177.41 | 138.05 |  |
| G58     | 120.97 | 126.2  | 215.55 | 228.62 | 280.59 | 266.76 | 167.55 | 159.71 | 120.97 |  |
| G59     | 104.59 | 109.59 | 195.77 | 208.61 | 258.45 | 245.9  | 149.94 | 141.31 | 104.59 |  |
| G60     | 89.96  | 94.58  | 176.52 | 188.79 | 237.78 | 224.75 | 132.67 | 123.61 | 89.96  |  |
| G61     | 76.65  | 80.75  | 157.78 | 169.72 | 217.25 | 204.88 | 115.49 | 107.56 | 76.65  |  |
| G62     | 64.94  | 68.11  | 139.33 | 151.45 | 197.14 | 185.39 | 99.96  | 93.17  | 64.94  |  |
| G63     | 54.13  | 57.2   | 122.71 | 133.76 | 178.26 | 167.12 | 86.18  | 80.19  | 54.13  |  |
| G64     | 43.85  | 46.3   | 106.33 | 116.25 | 160.14 | 148.91 | 73.58  | 68.58  | 43.85  |  |
| G65     | 34.74  | 36.91  | 91.8   | 99.35  | 140.79 | 130.69 | 61.97  | 58.24  | 34.74  |  |
| G66     | 27.0   | 28.6   | 78.3   | 85.57  | 122.48 | 113.46 | 51.44  | 47.95  | 27.0   |  |
| G67     | 19.35  | 20.96  | 66.55  | 72.49  | 106.48 | 98.92  | 41.72  | 39.03  | 19.35  |  |
| G68     | 12.46  | 13.92  | 56.02  | 61.07  | 92.41  | 85.95  | 33.09  | 31.2   | 12.46  |  |
| G69     | 6.56   | 7.83   | 45.97  | 50.69  | 79.62  | 73.49  | 25.53  | 23.36  | 6.56   |  |
| G70     | 2.17   | 2.64   | 37.19  | 40.97  | 68.06  | 62.82  | 18.5   | 17.18  | 2.17   |  |
| G71     | 0.9    | 0.76   | 28.88  | 32.0   | 57.11  | 52.77  | 11.8   | 11.28  | 0.9    |  |
| G72     | 0.85   | 0.57   | 21.33  | 24.12  | 46.82  | 42.76  | 5.71   | 7.27   | 0.85   |  |
| G73     | 0.61   | 0.38   | 14.87  | 16.47  | 37.76  | 34.26  | 1.42   | 6.23   | 0.61   |  |

C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature: 25  
Operators: QC01  
Test Date: 2025/4/8 11:18:37

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: 2025/4/8 11:18:37

## 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: 2025/4/8 11:18:37

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