

Report No.:

Test Time: 2025/1/7 16:47:29

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: InBright  
 Luminaire Type: IBSP110CT075H139-15°-25W  
 Lamp Type:  
 Luminous Width: 80 mm  
 Luminous Length: 80 mm  
 Luminous Height: 91 mm

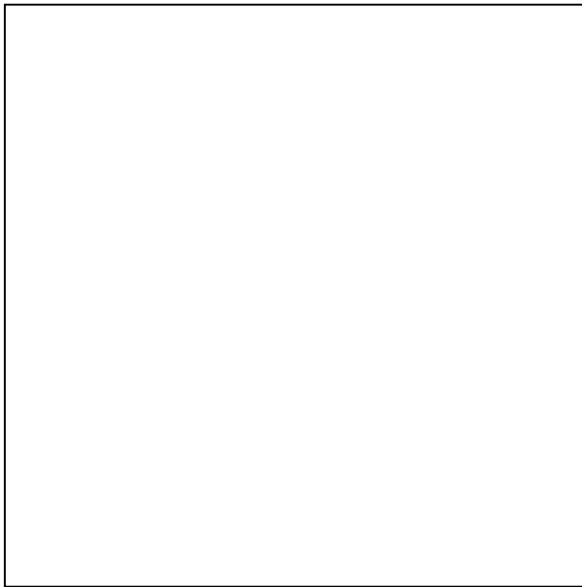
Voltage(V): 219.80 V  
 Current(A): 0.1160 A  
 Power(W): 24.88 W  
 Power Factor: 0.9670  
 Lamp Luminous Flux: 1621.71

### Photometric Results

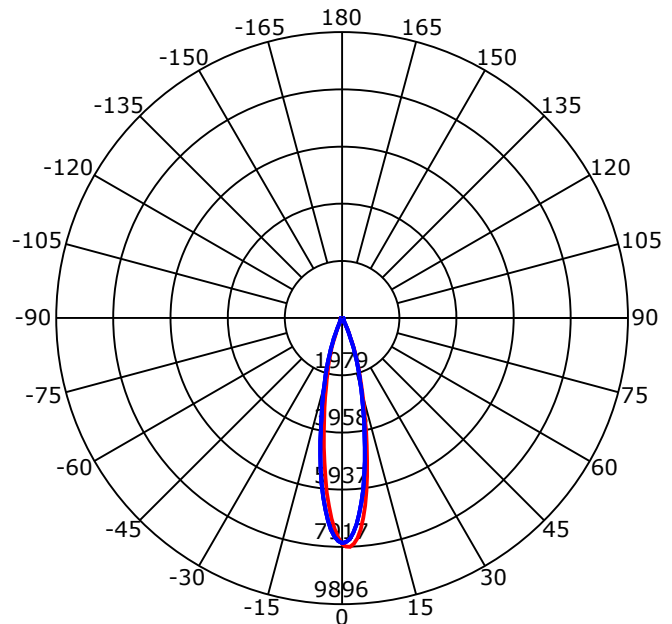
CIE Class: Direct  
 Luminaire Luminous Flux: 1621.712 lm  
 Downward Ratio: 100.00%  
 Luminaire Efficacy Rating(LER): 65.19 lm/W  
 Beam Angle(50%) C0-180,C90-270: 21.2,22.4  
 Field Angle(10%) C0-180,C90-270: 44.0,44.7  
 S/MH C0-180,C90-270: 0.389,0.389

Max. Intensity: 7916.54 cd  
 Max.Intensity Angle: C=0 Gamma=2  
 Upward Ratio: 0.00%  
 Efficacy: 100.00%  
 Center Intensity: 7818.54 cd  
 Effective Luminous Flux: 1320.23 lm  
 ERP( $\phi$ use)(120deg): 1610.79 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 21.2 deg,22.4 deg

C0-180 — C90-270 —

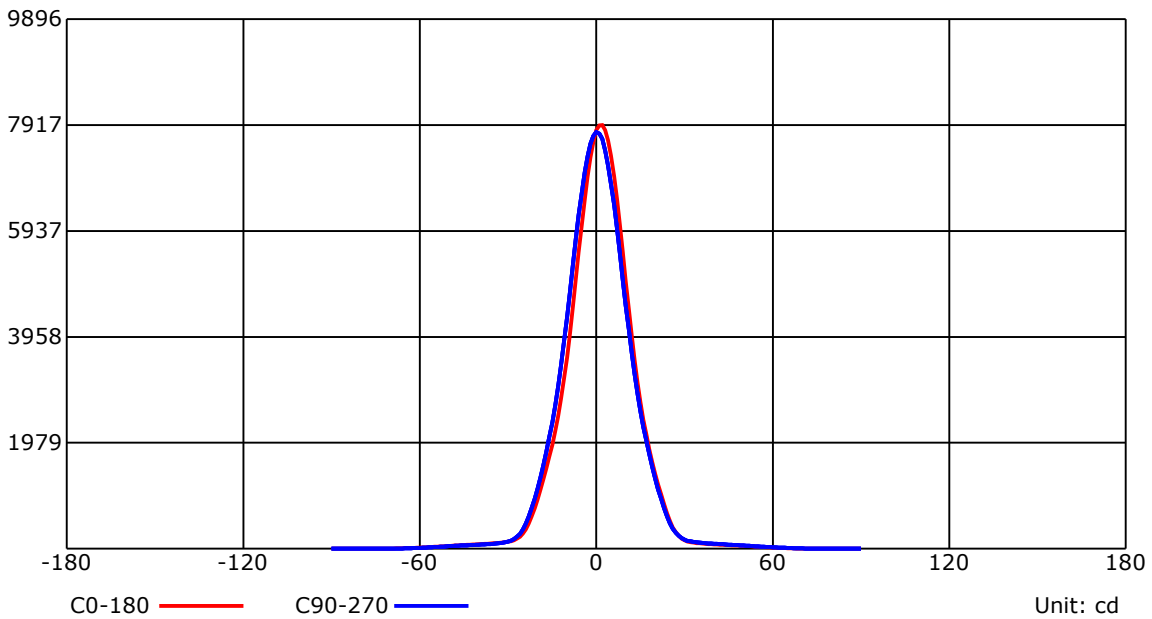
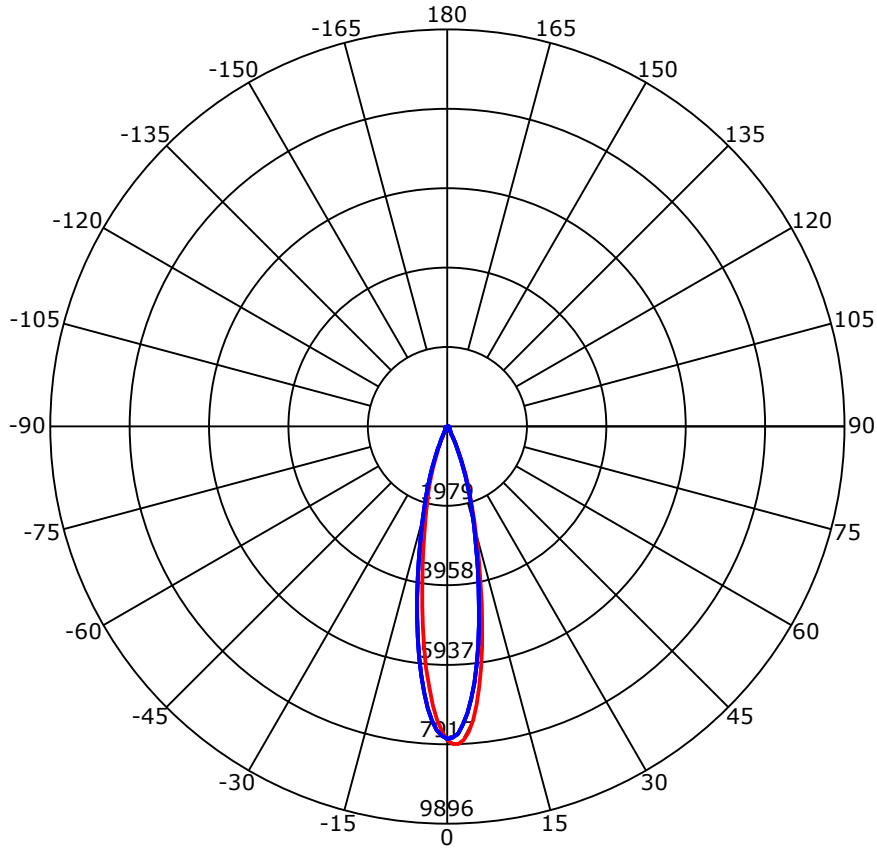
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## Luminous Intensity Distribution Curve



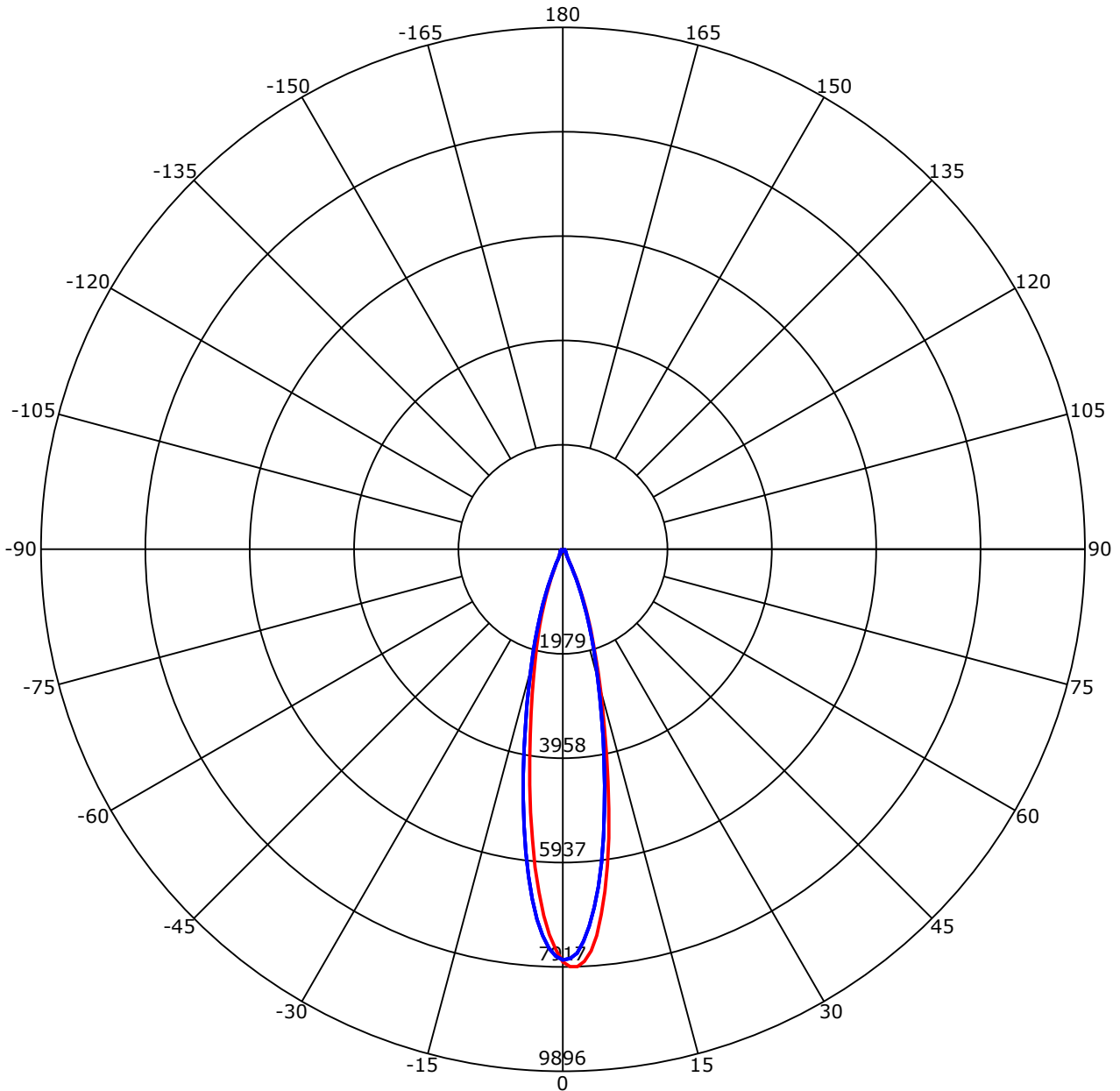
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## 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: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

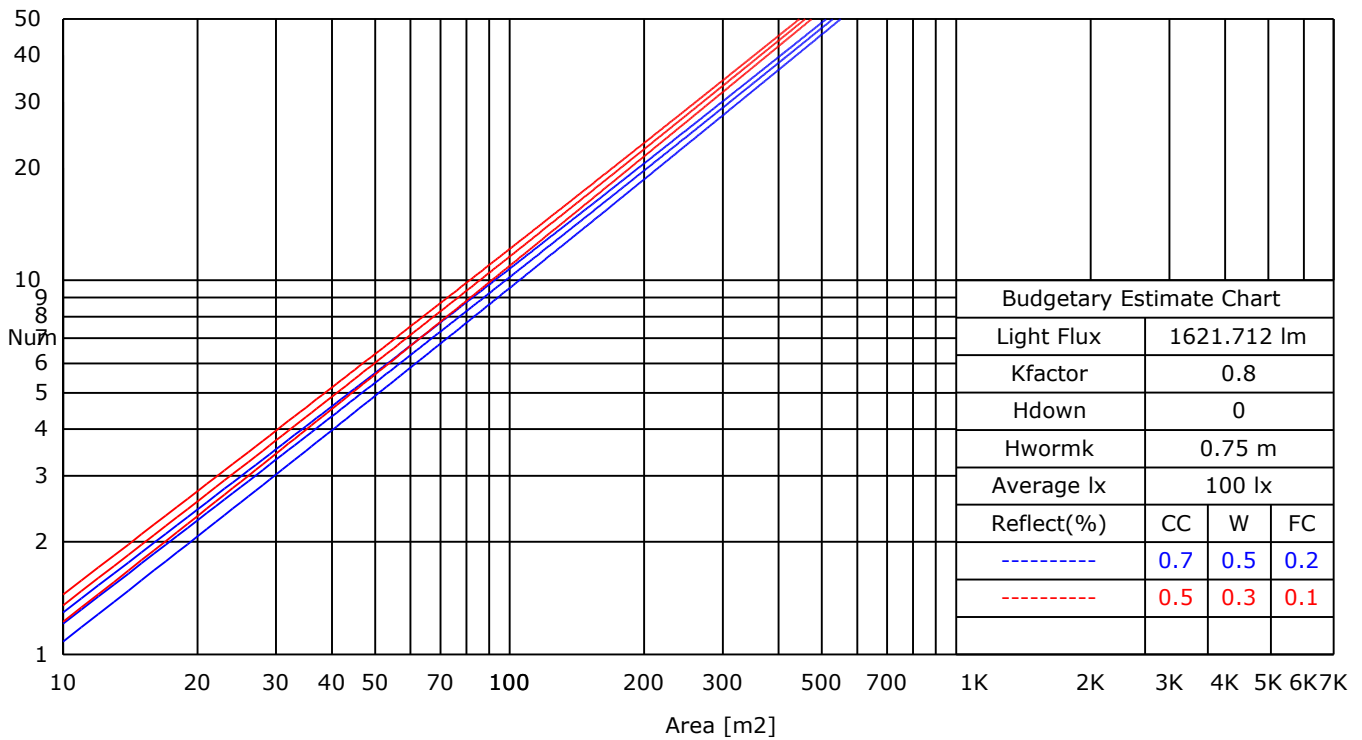
Report No.:

Test Time: 2025/1/7 16:47:29

### 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     | 0.85                                     | 0.81 | 0.78 | 0.84 | 0.80 | 0.77 | 0.82 | 0.78 | 0.74 | 0.79 | 0.74 | 0.70 | 0.74 | 0.70 | 0.65 | 0.60 |
| 2     | 0.81                                     | 0.78 | 0.76 | 0.81 | 0.77 | 0.74 | 0.79 | 0.75 | 0.71 | 0.76 | 0.72 | 0.68 | 0.73 | 0.68 | 0.63 | 0.59 |
| 3     | 0.78                                     | 0.75 | 0.74 | 0.78 | 0.75 | 0.72 | 0.77 | 0.72 | 0.69 | 0.74 | 0.70 | 0.66 | 0.71 | 0.66 | 0.62 | 0.57 |
| 4     | 0.76                                     | 0.73 | 0.72 | 0.76 | 0.72 | 0.70 | 0.74 | 0.70 | 0.67 | 0.72 | 0.68 | 0.64 | 0.69 | 0.64 | 0.60 | 0.56 |
| 5     | 0.74                                     | 0.72 | 0.70 | 0.74 | 0.71 | 0.69 | 0.72 | 0.68 | 0.66 | 0.71 | 0.66 | 0.62 | 0.68 | 0.63 | 0.59 | 0.55 |
| 6     | 0.72                                     | 0.70 | 0.69 | 0.72 | 0.69 | 0.67 | 0.71 | 0.67 | 0.64 | 0.69 | 0.64 | 0.61 | 0.67 | 0.62 | 0.58 | 0.54 |
| 7     | 0.71                                     | 0.69 | 0.68 | 0.70 | 0.68 | 0.66 | 0.69 | 0.65 | 0.63 | 0.67 | 0.63 | 0.60 | 0.65 | 0.60 | 0.57 | 0.53 |
| 8     | 0.69                                     | 0.68 | 0.66 | 0.69 | 0.66 | 0.65 | 0.68 | 0.64 | 0.62 | 0.66 | 0.62 | 0.59 | 0.64 | 0.59 | 0.56 | 0.52 |
| 9     | 0.68                                     | 0.66 | 0.65 | 0.68 | 0.65 | 0.64 | 0.66 | 0.63 | 0.61 | 0.65 | 0.61 | 0.58 | 0.63 | 0.58 | 0.55 | 0.51 |
| 10    | 0.67                                     | 0.65 | 0.65 | 0.66 | 0.64 | 0.63 | 0.65 | 0.62 | 0.60 | 0.64 | 0.60 | 0.57 | 0.62 | 0.57 | 0.54 | 0.51 |

### LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



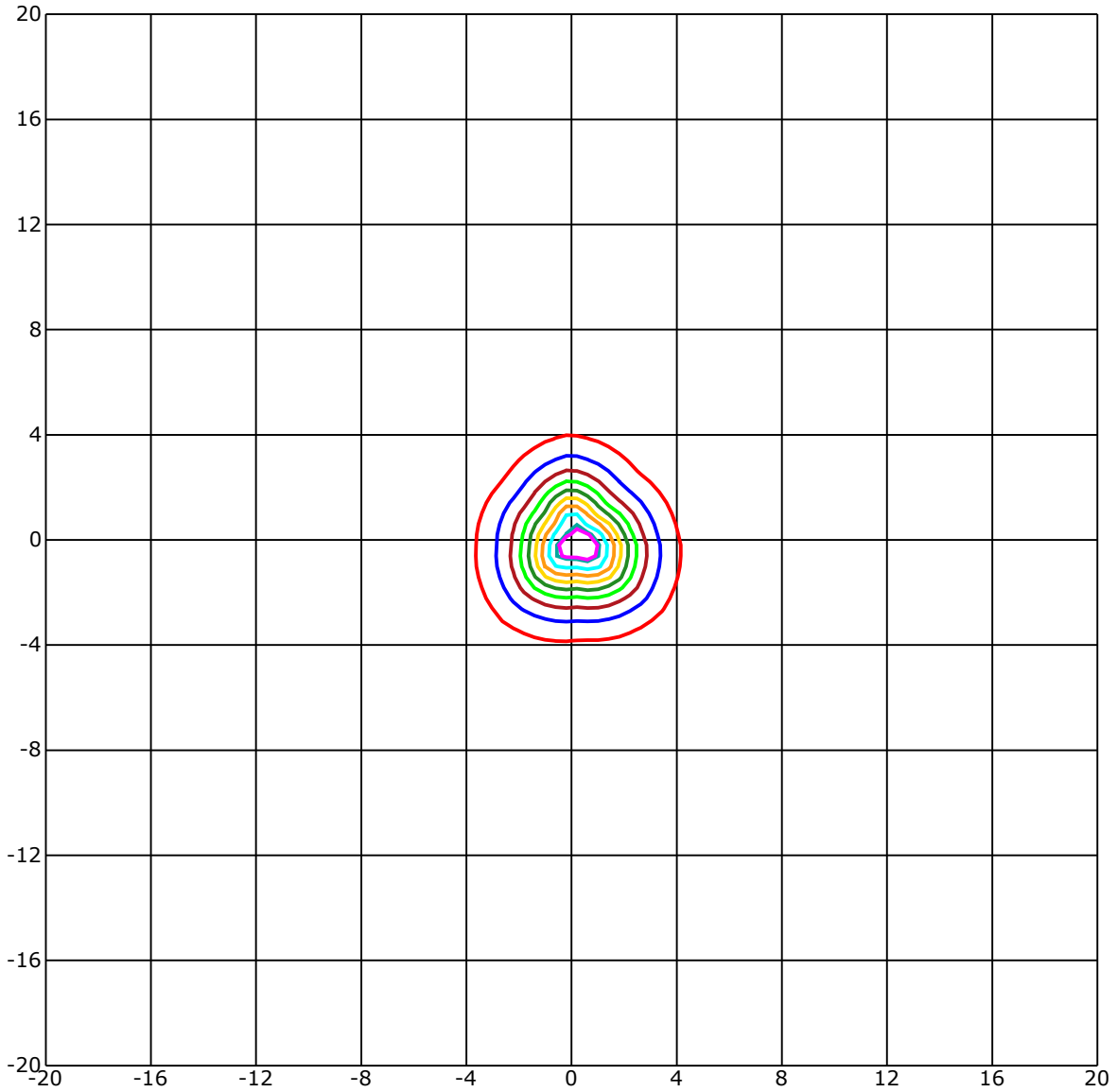
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## ISOLX DIAGRAM



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

|                   |                   |
|-------------------|-------------------|
| — 72.749(92%Emax) | — 39.537(50%Emax) |
| — 71.167(90%Emax) | — 31.63(40%Emax)  |
| — 63.26(80%Emax)  | — 23.722(30%Emax) |
| — 55.352(70%Emax) | — 15.815(20%Emax) |
| — 47.445(60%Emax) | — 7.907(10%Emax)  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

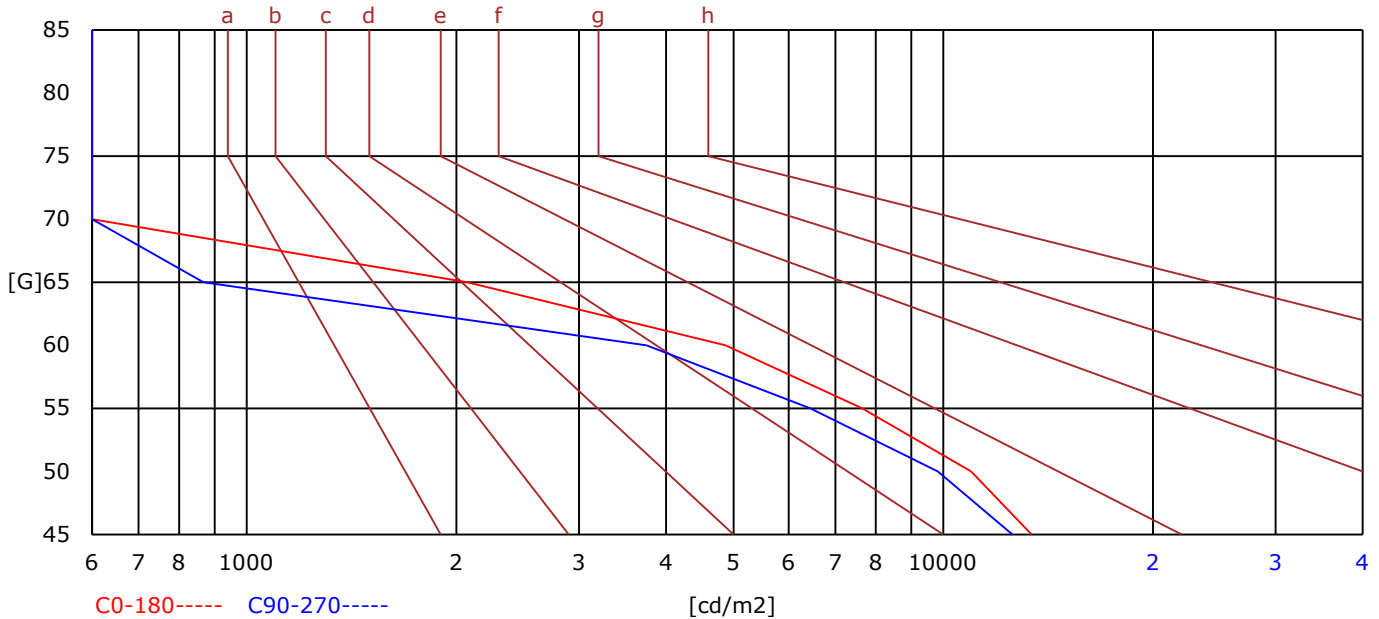
G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## BRIGHT LIMIT DIAGRAM

| C/G    | 45      | 50          | 55   | 60   | 65    | 70    | 75    | 80    | 85    |
|--------|---------|-------------|------|------|-------|-------|-------|-------|-------|
| C0     | 13388   | 10962       | 7651 | 4870 | 2073  | 0     | 0     | 0     | 0     |
| C90    | 12565   | 9822        | 6449 | 3749 | 867   | 0     | 0     | 0     | 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     |



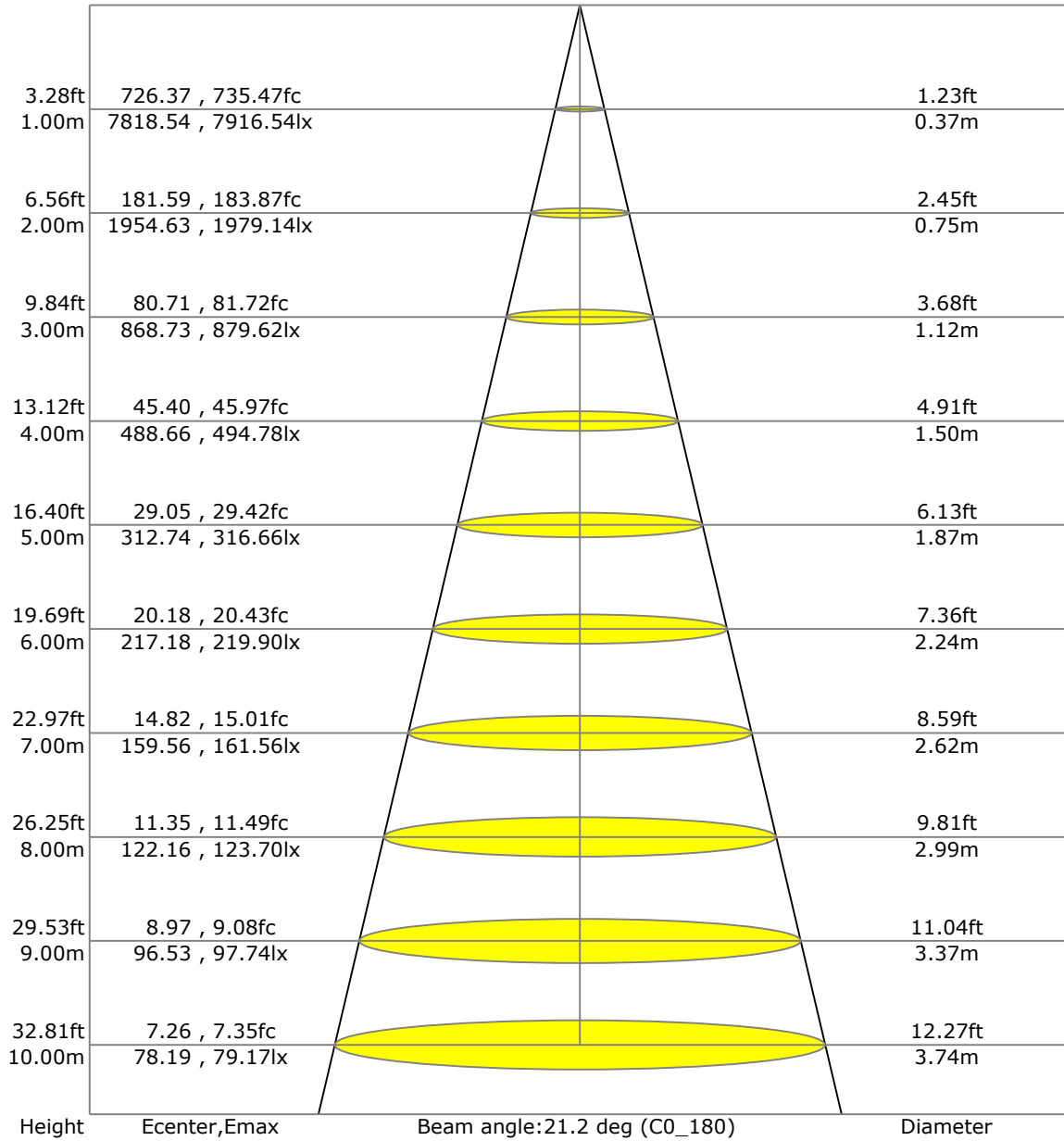
C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

### LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## 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 | Viewed Endwise |      |      |      |      | Viewed Crosswise |      |      |      |      |
| 2H 2H          | 7.78           | 7.84 | 7.98 | 8.03 | 8.27 | 8.08             | 8.14 | 8.28 | 8.33 | 8.57 |
| 3H             | 7.77           | 7.83 | 7.98 | 8.02 | 8.27 | 8.06             | 8.13 | 8.27 | 8.32 | 8.57 |
| 4H             | 7.75           | 7.82 | 7.97 | 8.02 | 8.26 | 8.05             | 8.11 | 8.26 | 8.31 | 8.56 |
| 6H             | 7.74           | 7.80 | 7.96 | 8.01 | 8.26 | 8.03             | 8.10 | 8.25 | 8.30 | 8.55 |
| 8H             | 7.73           | 7.80 | 7.95 | 8.00 | 8.25 | 8.03             | 8.09 | 8.25 | 8.29 | 8.55 |
| 12H            | 7.72           | 7.79 | 7.95 | 7.99 | 8.25 | 8.02             | 8.08 | 8.24 | 8.29 | 8.54 |
| 4H 2H          | 7.89           | 7.95 | 8.10 | 8.15 | 8.40 | 8.30             | 8.37 | 8.52 | 8.56 | 8.81 |
| 3H             | 7.87           | 7.93 | 8.09 | 8.14 | 8.40 | 8.28             | 8.34 | 8.50 | 8.55 | 8.80 |
| 4H             | 7.85           | 7.92 | 8.08 | 8.13 | 8.39 | 8.26             | 8.32 | 8.49 | 8.54 | 8.80 |
| 6H             | 7.83           | 7.89 | 8.07 | 8.12 | 8.38 | 8.23             | 8.30 | 8.47 | 8.52 | 8.79 |
| 8H             | 7.82           | 7.88 | 8.06 | 8.11 | 8.38 | 8.22             | 8.29 | 8.47 | 8.51 | 8.78 |
| 12H            | 7.80           | 7.87 | 8.05 | 8.10 | 8.37 | 8.21             | 8.27 | 8.46 | 8.51 | 8.78 |
| 8H 4H          | 7.87           | 7.93 | 8.09 | 8.14 | 8.39 | 8.28             | 8.35 | 8.50 | 8.55 | 8.80 |
| 6H             | 7.79           | 7.85 | 8.05 | 8.09 | 8.37 | 8.20             | 8.26 | 8.45 | 8.50 | 8.77 |
| 8H             | 7.77           | 7.83 | 8.04 | 8.08 | 8.36 | 8.18             | 8.24 | 8.44 | 8.49 | 8.77 |
| 12H            | 7.76           | 7.82 | 8.03 | 8.07 | 8.35 | 8.16             | 8.22 | 8.44 | 8.48 | 8.76 |
| 12H 4H         | 7.80           | 7.87 | 8.05 | 8.10 | 8.37 | 8.21             | 8.27 | 8.46 | 8.51 | 8.78 |
| 6H             | 7.77           | 7.83 | 8.04 | 8.08 | 8.36 | 8.18             | 8.24 | 8.44 | 8.49 | 8.77 |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

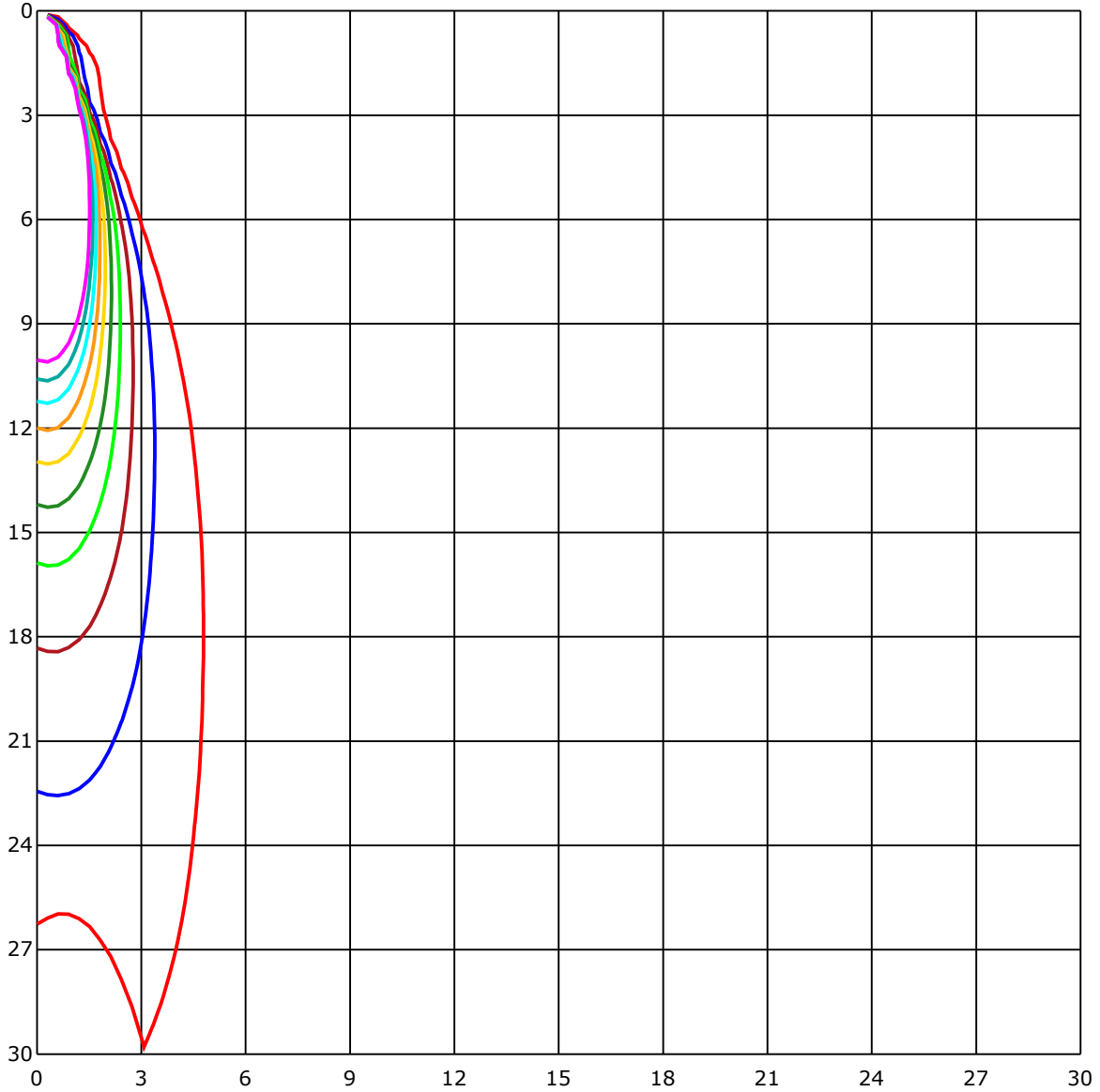




Report No.:

Test Time: 2025/1/7 16:47:29

### SPACE ISOLX DIAGRAM



Unit of illumination:lx

- |          |          |
|----------|----------|
| — 77.618 | — 38.809 |
| — 69.856 | — 31.047 |
| — 62.094 | — 23.285 |
| — 54.332 | — 15.524 |
| — 46.571 | — 7.762  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

## LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma\C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G0      | 7818.54 | 7680.91 | 7784.06 | 7493.91 | 7818.54 | 7680.91 | 7784.06 | 7493.91 | 7818.54 |  |
| G1      | 7911.07 | 7508.2  | 7756.52 | 7204.72 | 7599.96 | 7746.37 | 7716.26 | 7717.91 | 7911.07 |  |
| G2      | 7916.54 | 7250.5  | 7659.21 | 6857.93 | 7310.26 | 7734.23 | 7570.49 | 7837.48 | 7916.54 |  |
| G3      | 7819.5  | 6915.49 | 7438.47 | 6436.54 | 6954.19 | 7591.91 | 7332.24 | 7898.02 | 7819.5  |  |
| G4      | 7630.8  | 6521.31 | 7160.04 | 5993.54 | 6510.96 | 7392.27 | 7034.22 | 7834.53 | 7630.8  |  |
| G5      | 7349.2  | 6055.65 | 6814.45 | 5519.84 | 6051.65 | 7084.01 | 6654.48 | 7698.19 | 7349.2  |  |
| G6      | 6960.44 | 5567.56 | 6424.54 | 5033.36 | 5539.7  | 6712.26 | 6235.66 | 7473.18 | 6960.44 |  |
| G7      | 6532.89 | 5045.77 | 5980.86 | 4543.93 | 5027.38 | 6262.14 | 5778.27 | 7174.15 | 6532.89 |  |
| G8      | 6047.56 | 4535.2  | 5511.43 | 4085.81 | 4510.14 | 5795.56 | 5296.89 | 6785.53 | 6047.56 |  |
| G9      | 5545.58 | 4043.66 | 5017.87 | 3662.63 | 4014.51 | 5289.03 | 4798.73 | 6355.45 | 5545.58 |  |
| G10     | 5000.31 | 3586.59 | 4542.78 | 3258.79 | 3566.0  | 4785.31 | 4325.67 | 5880.42 | 5000.31 |  |
| G11     | 4475.48 | 3162.58 | 4091.14 | 2895.83 | 3159.68 | 4287.34 | 3853.03 | 5394.35 | 4475.48 |  |
| G12     | 3983.67 | 2790.37 | 3659.87 | 2564.3  | 2799.43 | 3824.3  | 3424.83 | 4875.5  | 3983.67 |  |
| G13     | 3522.38 | 2460.32 | 3253.87 | 2275.62 | 2475.12 | 3376.38 | 3027.2  | 4378.26 | 3522.38 |  |
| G14     | 3105.72 | 2170.44 | 2896.01 | 2007.07 | 2197.34 | 2986.25 | 2678.72 | 3917.61 | 3105.72 |  |
| G15     | 2741.74 | 1911.41 | 2565.59 | 1762.38 | 1939.27 | 2638.72 | 2361.76 | 3491.99 | 2741.74 |  |
| G16     | 2413.02 | 1682.35 | 2275.9  | 1531.39 | 1710.81 | 2342.37 | 2075.57 | 3099.14 | 2413.02 |  |
| G17     | 2127.05 | 1468.09 | 2006.25 | 1322.56 | 1499.95 | 2064.17 | 1810.19 | 2739.17 | 2127.05 |  |
| G18     | 1853.12 | 1273.78 | 1763.16 | 1117.63 | 1300.72 | 1825.68 | 1563.02 | 2414.77 | 1853.12 |  |
| G19     | 1619.65 | 1080.58 | 1529.09 | 931.78  | 1108.94 | 1591.2  | 1333.5  | 2118.68 | 1619.65 |  |
| G20     | 1403.92 | 904.29  | 1310.97 | 760.23  | 923.28  | 1379.79 | 1125.77 | 1844.71 | 1403.92 |  |
| G21     | 1205.98 | 737.98  | 1110.23 | 610.83  | 752.59  | 1177.48 | 932.29  | 1596.9  | 1205.98 |  |
| G22     | 1014.52 | 587.48  | 927.0   | 479.5   | 598.14  | 993.56  | 757.38  | 1364.16 | 1014.52 |  |
| G23     | 833.64  | 449.89  | 753.01  | 370.05  | 469.29  | 807.62  | 598.42  | 1147.19 | 833.64  |  |
| G24     | 667.83  | 342.74  | 603.11  | 286.34  | 358.32  | 642.55  | 468.37  | 944.15  | 667.83  |  |
| G25     | 522.02  | 262.16  | 476.46  | 226.07  | 281.46  | 500.18  | 358.42  | 761.6   | 522.02  |  |
| G26     | 395.88  | 207.32  | 371.01  | 181.07  | 223.73  | 386.59  | 279.81  | 607.38  | 395.88  |  |
| G27     | 304.22  | 168.8   | 292.91  | 150.96  | 185.48  | 301.41  | 221.98  | 482.3   | 304.22  |  |
| G28     | 238.21  | 142.32  | 237.93  | 130.14  | 159.65  | 239.86  | 180.2   | 377.22  | 238.21  |  |
| G29     | 189.53  | 126.83  | 196.97  | 118.28  | 142.09  | 197.89  | 151.28  | 298.56  | 189.53  |  |
| G30     | 156.61  | 116.58  | 167.97  | 108.53  | 131.29  | 167.51  | 131.38  | 240.97  | 156.61  |  |
| G31     | 135.1   | 108.07  | 148.02  | 102.05  | 123.24  | 147.65  | 118.51  | 200.74  | 135.1   |  |
| G32     | 122.92  | 102.79  | 136.71  | 96.17   | 116.48  | 134.92  | 110.23  | 170.63  | 122.92  |  |
| G33     | 113.22  | 97.82   | 126.37  | 92.99   | 110.28  | 126.0   | 102.33  | 152.02  | 113.22  |  |
| G34     | 106.0   | 94.69   | 118.97  | 88.26   | 105.64  | 119.7   | 98.28   | 137.35  | 106.0   |  |
| G35     | 100.62  | 89.68   | 113.91  | 86.1    | 102.79  | 112.71  | 92.21   | 128.44  | 100.62  |  |
| G36     | 96.49   | 87.43   | 108.16  | 81.69   | 98.14   | 107.8   | 88.08   | 119.24  | 96.49   |  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

Report No.:

Test Time: 2025/1/7 16:47:29

### LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| Gamma\C | C0    | C45   | C90    | C135  | C180  | C225   | C270  | C315   | C360  |  |
|---------|-------|-------|--------|-------|-------|--------|-------|--------|-------|--|
| G37     | 91.8  | 83.52 | 103.29 | 79.3  | 94.1  | 102.83 | 84.26 | 112.76 | 91.8  |  |
| G38     | 87.25 | 81.46 | 99.2   | 75.89 | 90.6  | 98.6   | 82.33 | 107.29 | 87.25 |  |
| G39     | 84.08 | 77.55 | 96.21  | 74.24 | 87.8  | 95.11  | 77.92 | 102.6  | 84.08 |  |
| G40     | 81.04 | 75.34 | 93.78  | 70.47 | 84.67 | 92.44  | 75.39 | 97.91  | 81.04 |  |
| G41     | 79.53 | 72.17 | 89.27  | 68.68 | 82.33 | 88.4   | 71.57 | 94.69  | 79.53 |  |
| G42     | 75.57 | 69.32 | 86.6   | 64.72 | 78.47 | 85.18  | 70.15 | 91.11  | 75.57 |  |
| G43     | 72.63 | 66.24 | 82.97  | 62.88 | 75.8  | 82.33  | 65.87 | 88.03  | 72.63 |  |
| G44     | 69.37 | 63.57 | 79.76  | 59.9  | 71.99 | 78.88  | 63.57 | 83.8   | 69.37 |  |
| G45     | 66.84 | 60.59 | 76.31  | 56.86 | 69.64 | 75.16  | 61.05 | 80.4   | 66.84 |  |
| G46     | 63.9  | 57.97 | 73.23  | 53.83 | 66.84 | 72.35  | 59.3  | 77.23  | 63.9  |  |
| G47     | 61.23 | 54.47 | 69.64  | 50.93 | 63.71 | 69.6   | 55.02 | 75.11  | 61.23 |  |
| G48     | 58.84 | 52.04 | 67.9   | 47.85 | 59.76 | 67.67  | 53.19 | 71.07  | 58.84 |  |
| G49     | 56.17 | 48.13 | 63.34  | 44.18 | 57.09 | 63.39  | 49.28 | 68.26  | 56.17 |  |
| G50     | 52.86 | 45.1  | 60.54  | 40.41 | 52.45 | 60.36  | 47.81 | 64.45  | 52.86 |  |
| G51     | 50.2  | 41.33 | 56.04  | 37.83 | 49.14 | 57.46  | 43.12 | 61.69  | 50.2  |  |
| G52     | 47.81 | 38.25 | 53.19  | 34.06 | 45.37 | 55.02  | 39.85 | 58.93  | 47.81 |  |
| G53     | 45.05 | 34.94 | 48.73  | 30.57 | 41.46 | 49.19  | 35.9  | 55.35  | 45.05 |  |
| G54     | 39.35 | 31.99 | 45.69  | 26.75 | 37.88 | 45.97  | 32.82 | 50.89  | 39.35 |  |
| G55     | 37.56 | 28.09 | 40.96  | 23.67 | 34.98 | 42.57  | 29.65 | 47.81  | 37.56 |  |
| G56     | 32.55 | 25.7  | 38.34  | 20.96 | 32.73 | 38.89  | 26.11 | 43.67  | 32.55 |  |
| G57     | 29.7  | 22.85 | 34.8   | 18.71 | 29.01 | 35.58  | 23.21 | 39.81  | 29.7  |  |
| G58     | 26.43 | 21.05 | 32.13  | 16.13 | 26.06 | 33.01  | 21.33 | 36.36  | 26.43 |  |
| G59     | 23.63 | 18.3  | 28.91  | 14.25 | 23.44 | 29.42  | 18.11 | 33.6   | 23.63 |  |
| G60     | 20.82 | 15.58 | 26.34  | 12.0  | 20.69 | 26.2   | 15.68 | 30.06  | 20.82 |  |
| G61     | 19.03 | 13.47 | 23.86  | 9.61  | 18.94 | 23.54  | 13.38 | 27.99  | 19.03 |  |
| G62     | 15.91 | 11.91 | 22.11  | 7.58  | 16.32 | 21.33  | 11.35 | 24.5   | 15.91 |  |
| G63     | 13.38 | 8.32  | 18.25  | 6.57  | 15.31 | 18.98  | 8.92  | 22.39  | 13.38 |  |
| G64     | 12.32 | 7.08  | 16.73  | 4.0   | 12.32 | 17.15  | 7.35  | 19.86  | 12.32 |  |
| G65     | 9.75  | 5.61  | 13.97  | 2.34  | 12.18 | 14.2   | 5.15  | 17.51  | 9.75  |  |
| G66     | 7.08  | 4.09  | 12.6   | 0.78  | 8.92  | 12.37  | 4.41  | 15.31  | 7.08  |  |
| G67     | 5.56  | 1.61  | 10.25  | 0.0   | 6.34  | 11.12  | 1.98  | 13.97  | 5.56  |  |
| G68     | 3.72  | 0.23  | 8.64   | 0.0   | 5.24  | 8.5    | 0.78  | 11.17  | 3.72  |  |
| G69     | 2.62  | 0.0   | 6.62   | 0.0   | 3.4   | 6.71   | 0.0   | 9.33   | 2.62  |  |
| G70     | 1.01  | 0.0   | 5.98   | 0.0   | 1.93  | 5.33   | 0.0   | 7.03   | 1.01  |  |
| G71     | 0.0   | 0.0   | 3.08   | 0.0   | 1.43  | 3.86   | 0.0   | 6.3    | 0.0   |  |
| G72     | 0.0   | 0.0   | 2.44   | 0.0   | 0.0   | 2.62   | 0.0   | 4.09   | 0.0   |  |
| G73     | 0.0   | 0.0   | 0.87   | 0.0   | 0.0   | 0.92   | 0.0   | 2.44   | 0.0   |  |

C Range: 0 - 360 Deg  
 C Interval: 45.0 Deg  
 Test Speed: High  
 Temperature: 25  
 Operators: QC01  
 Test Date: 2025/1/7 16:47:29

G Range: 0 - 90 Deg  
 G Interval: 1.0 Deg  
 Test System: Huipu CPM-1600B Goniophotometer  
 Humidity: 60  
 Test Distance: 6.78 m  
 Remarks:

