

Report No.:

Test Time: 2022/11/19 10:07:34

## LUMINAIRE PHOTOMETRIC TEST REPORT

### Luminaire Property

Manufacturer: 0  
Luminaire Type: 40W 6060 Panel UGR  
Lamp Type:  
Luminous Width: 0 mm  
Luminous Length: 0 mm  
Luminous Height: 0 mm

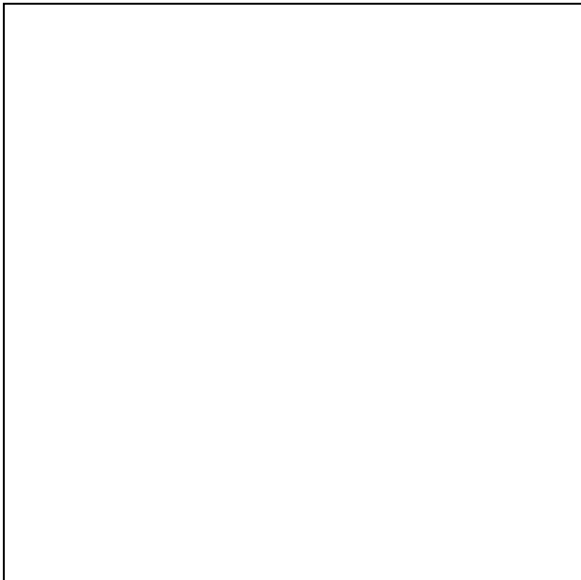
Voltage(V): 219.70 V  
Current(A): 0.2150 A  
Power(W): 40.89 W  
Power Factor: 0.8410  
Lamp Luminous Flux: 4211.62

### Photometric Results

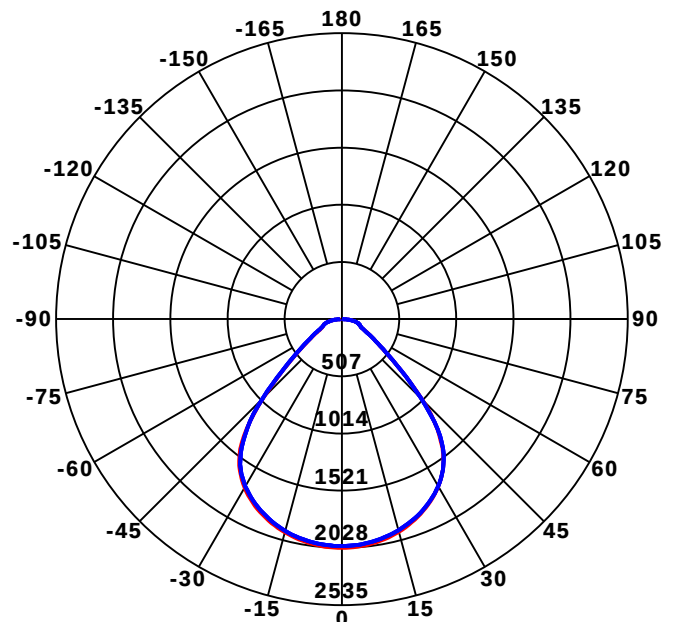
CIE Class: Direct  
Luminaire Luminous Flux: 4211.621 lm  
Downward Ratio: 0.00%  
Luminaire Efficacy Rating(LER): 103.00 lm/W  
Beam Angle(50%) C0-180,C90-270: 89.5,89.7  
Field Angle(10%) C0-180,C90-270: 131.2,132.3  
S/MH C0-180,C90-270: 1.250,1.250

Max. Intensity: 2027.61 cd  
Max.Intensity Angle: C=180 Gamma=0  
Upward Ratio: 100.00%  
Efficacy: 100.00%  
Center Intensity: 2027.61 cd  
Effective Luminous Flux: 3933.12 lm  
ERP( $\phi$ use)(120deg): 3718.74 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 89.5 deg,89.7 deg

C0-180 — C90-270 —

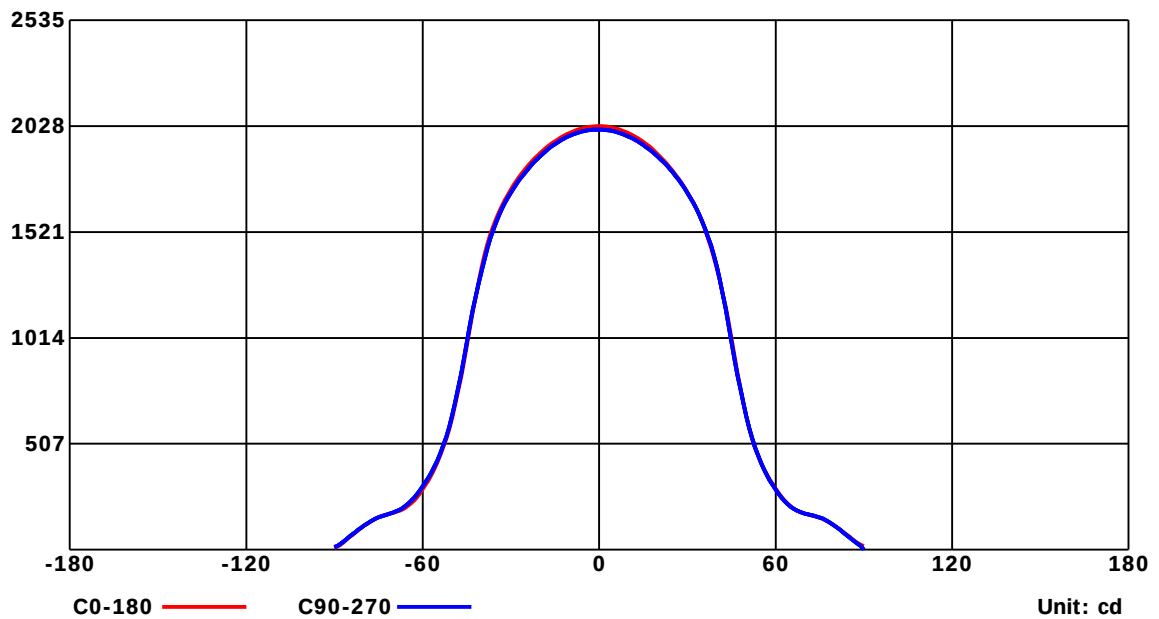
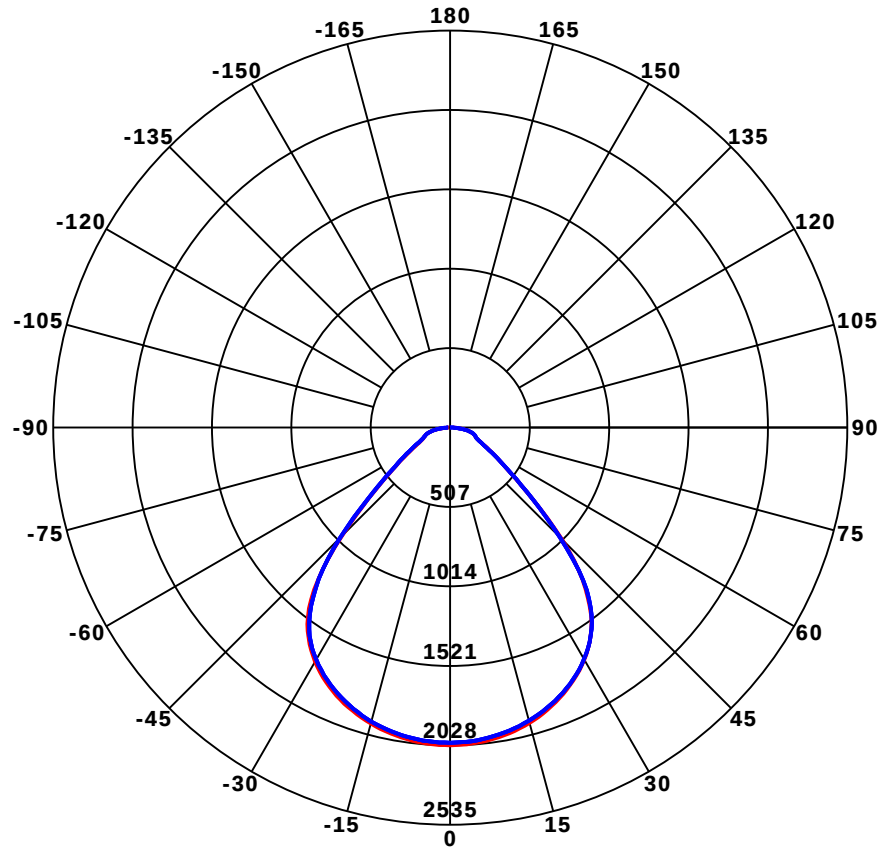
C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.38 m  
Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

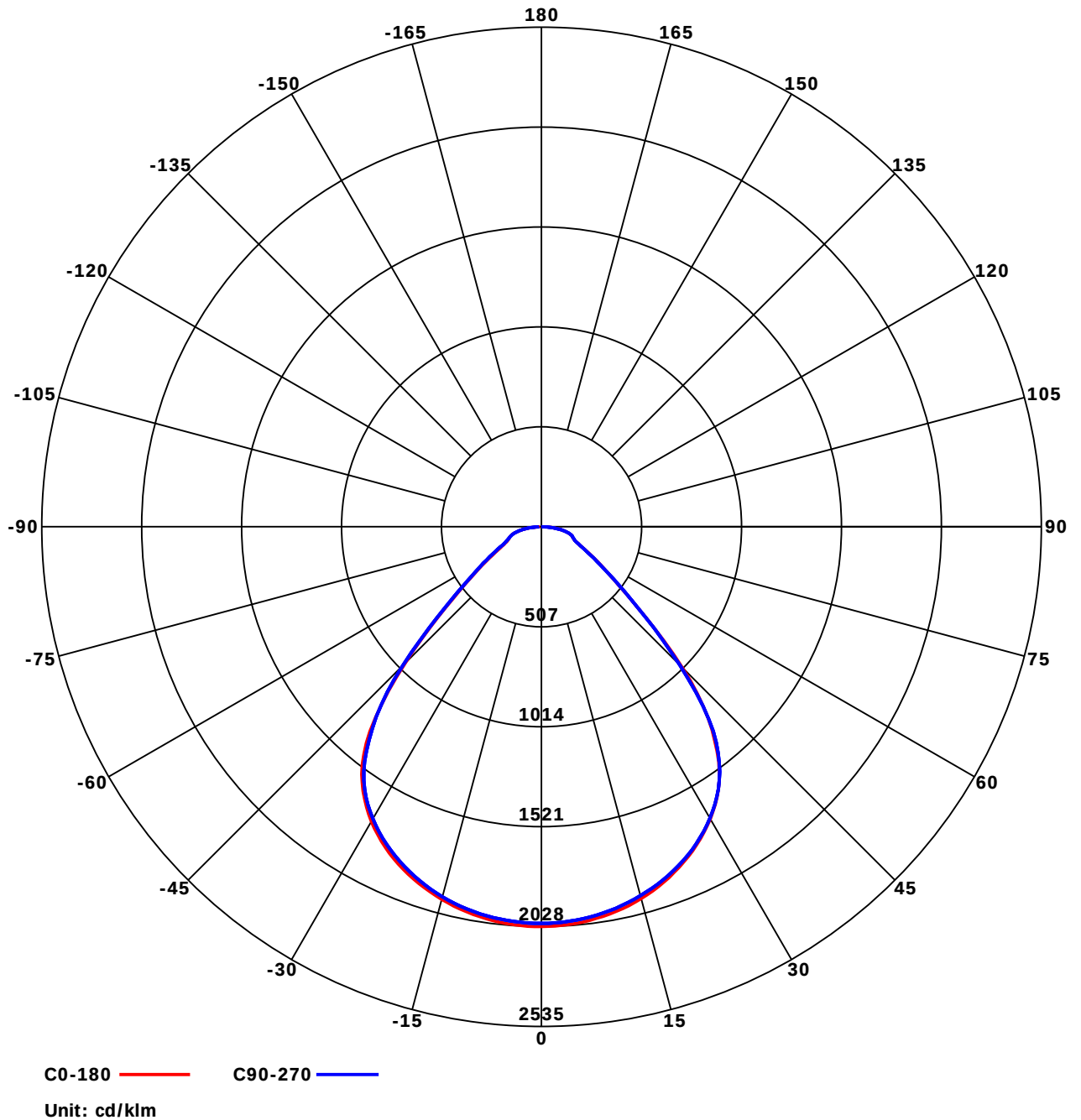
Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg  
C Interval: 45.0 Deg  
Test Speed: High  
Temperature:  
Operators:  
Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg  
G Interval: 1.0 Deg  
Test System: Huipu CPM-1800B Goniophotometer  
Humidity:  
Test Distance: 6.38 m  
Remarks:

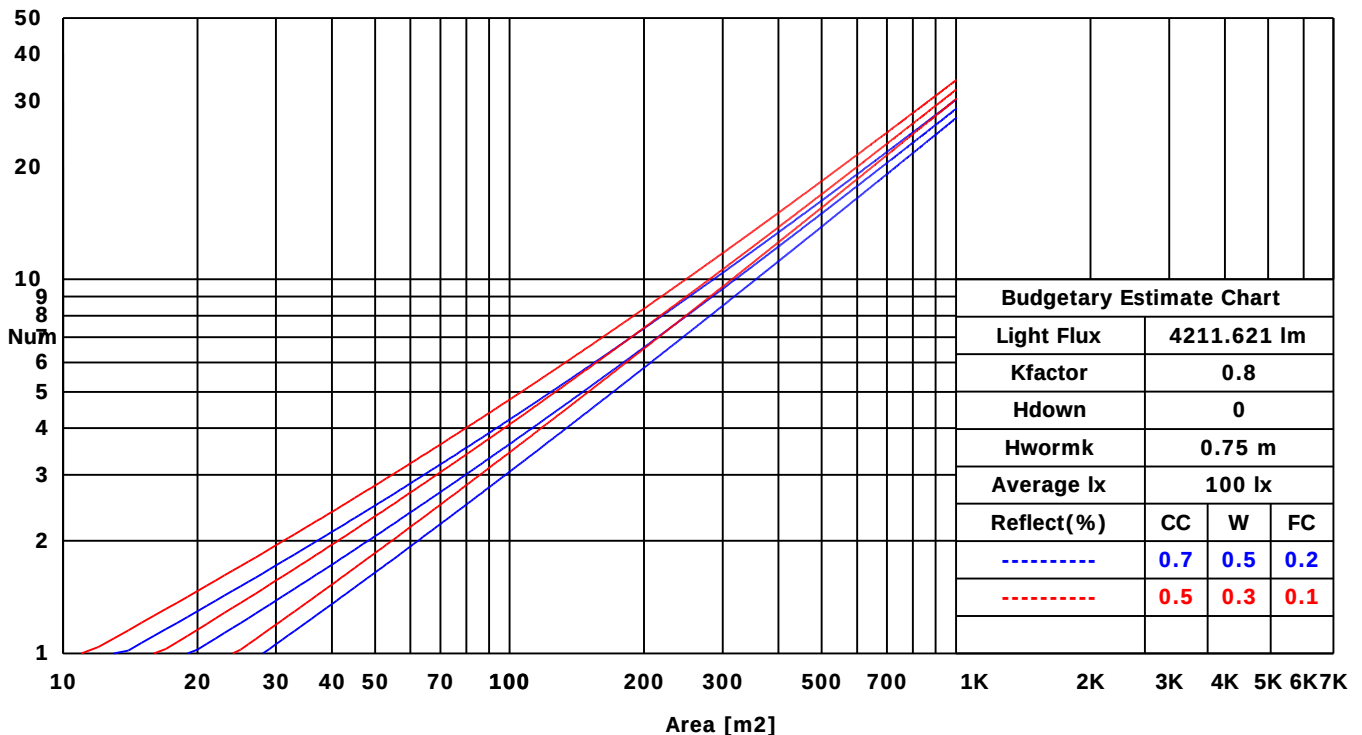
Report No.:

Test Time: 2022/11/19 10:07:34

## 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     | 1.08                                     | 1.06 | 1.05 | 1.06 | 1.05 | 1.03 | 1.02 | 1.01 | 0.99 | 0.97 | 0.95 | 0.94 | 0.91 | 0.89 | 0.87 | 0.82 |
| 2     | 0.98                                     | 0.96 | 0.95 | 0.97 | 0.95 | 0.93 | 0.94 | 0.91 | 0.89 | 0.90 | 0.87 | 0.84 | 0.85 | 0.82 | 0.79 | 0.74 |
| 3     | 0.90                                     | 0.88 | 0.86 | 0.89 | 0.86 | 0.84 | 0.87 | 0.83 | 0.81 | 0.83 | 0.80 | 0.77 | 0.79 | 0.75 | 0.72 | 0.67 |
| 4     | 0.82                                     | 0.80 | 0.79 | 0.82 | 0.79 | 0.77 | 0.80 | 0.76 | 0.74 | 0.77 | 0.73 | 0.70 | 0.74 | 0.70 | 0.66 | 0.62 |
| 5     | 0.76                                     | 0.74 | 0.73 | 0.76 | 0.73 | 0.71 | 0.74 | 0.71 | 0.68 | 0.72 | 0.68 | 0.64 | 0.70 | 0.65 | 0.61 | 0.57 |
| 6     | 0.71                                     | 0.69 | 0.67 | 0.70 | 0.68 | 0.66 | 0.69 | 0.66 | 0.63 | 0.68 | 0.63 | 0.60 | 0.66 | 0.60 | 0.56 | 0.53 |
| 7     | 0.66                                     | 0.64 | 0.63 | 0.66 | 0.63 | 0.61 | 0.65 | 0.61 | 0.58 | 0.64 | 0.59 | 0.56 | 0.62 | 0.57 | 0.52 | 0.49 |
| 8     | 0.62                                     | 0.60 | 0.59 | 0.62 | 0.59 | 0.57 | 0.61 | 0.57 | 0.55 | 0.60 | 0.55 | 0.52 | 0.59 | 0.53 | 0.49 | 0.46 |
| 9     | 0.58                                     | 0.56 | 0.55 | 0.58 | 0.55 | 0.54 | 0.57 | 0.54 | 0.51 | 0.57 | 0.52 | 0.49 | 0.56 | 0.50 | 0.46 | 0.43 |
| 10    | 0.55                                     | 0.53 | 0.52 | 0.55 | 0.52 | 0.51 | 0.54 | 0.51 | 0.48 | 0.54 | 0.49 | 0.46 | 0.53 | 0.47 | 0.44 | 0.41 |

## LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

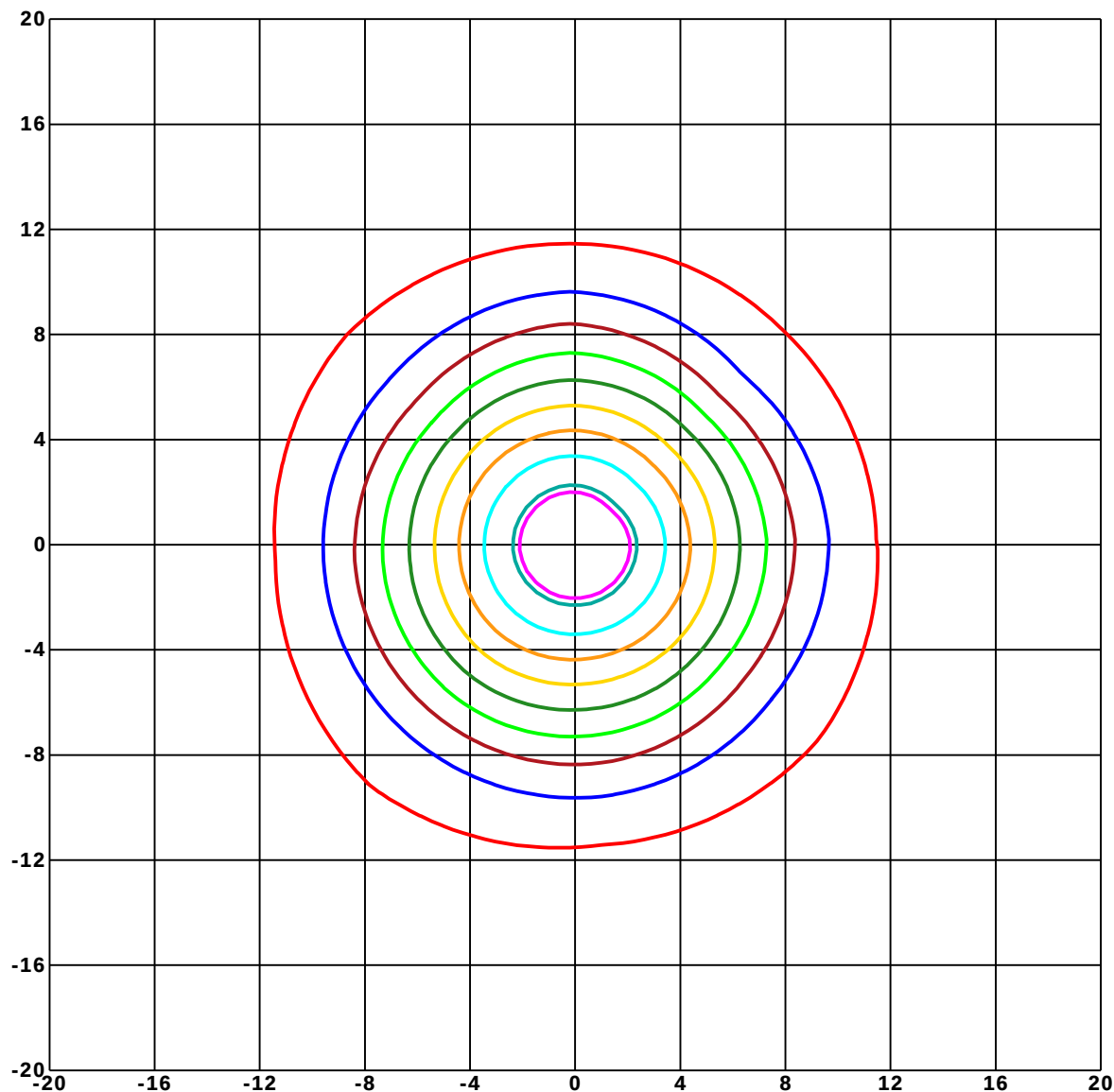
Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## ISOLX DIAGRAM



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

|                             |                             |
|-----------------------------|-----------------------------|
| 18.654(1%E <sub>max</sub> ) | 10.138(1%E <sub>max</sub> ) |
| 18.248(1%E <sub>max</sub> ) | 8.11(0%E <sub>max</sub> )   |
| 16.221(1%E <sub>max</sub> ) | 6.083(0%E <sub>max</sub> )  |
| 14.193(1%E <sub>max</sub> ) | 4.055(0%E <sub>max</sub> )  |
| 12.166(1%E <sub>max</sub> ) | 2.028(0%E <sub>max</sub> )  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

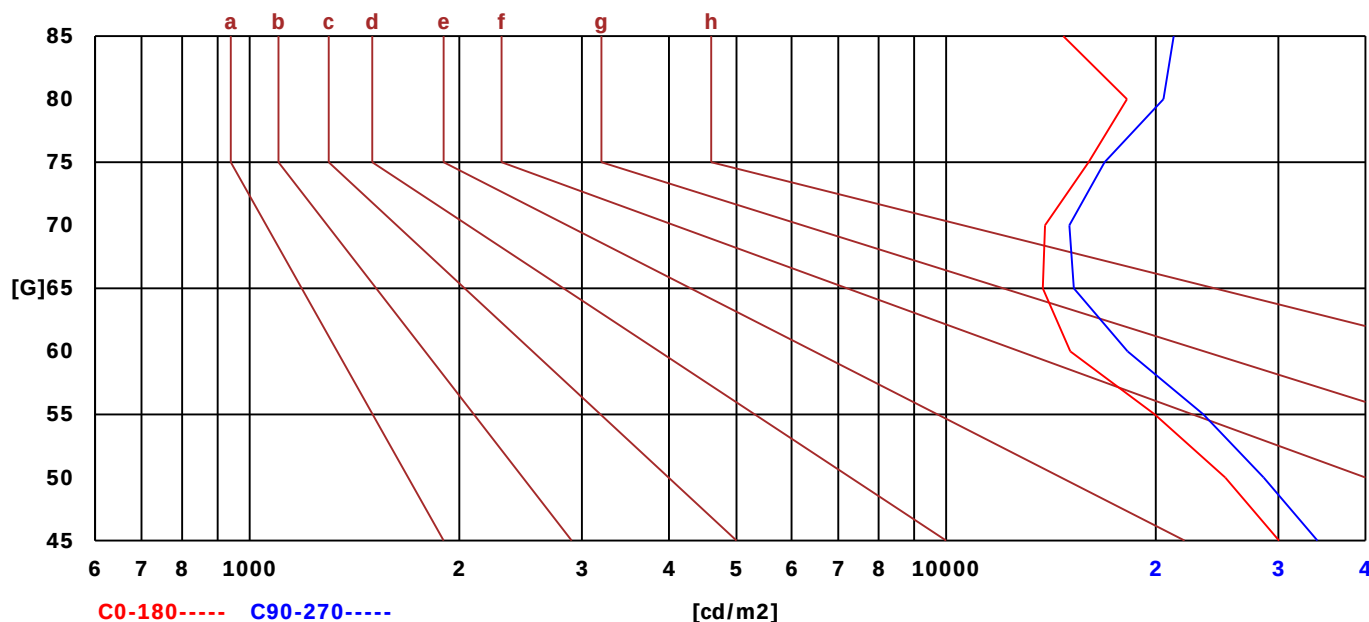
Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## BRIGHT LIMIT DIAGRAM

| C/G    | 45      | 50          | 55    | 60    | 65    | 70    | 75    | 80    | 85    |
|--------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|
| C0     | 30042   | 25167       | 19931 | 15083 | 13759 | 13865 | 16014 | 18190 | 14723 |
| C90    | 34124   | 28571       | 23413 | 18225 | 15256 | 15025 | 16875 | 20505 | 21215 |
| 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:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

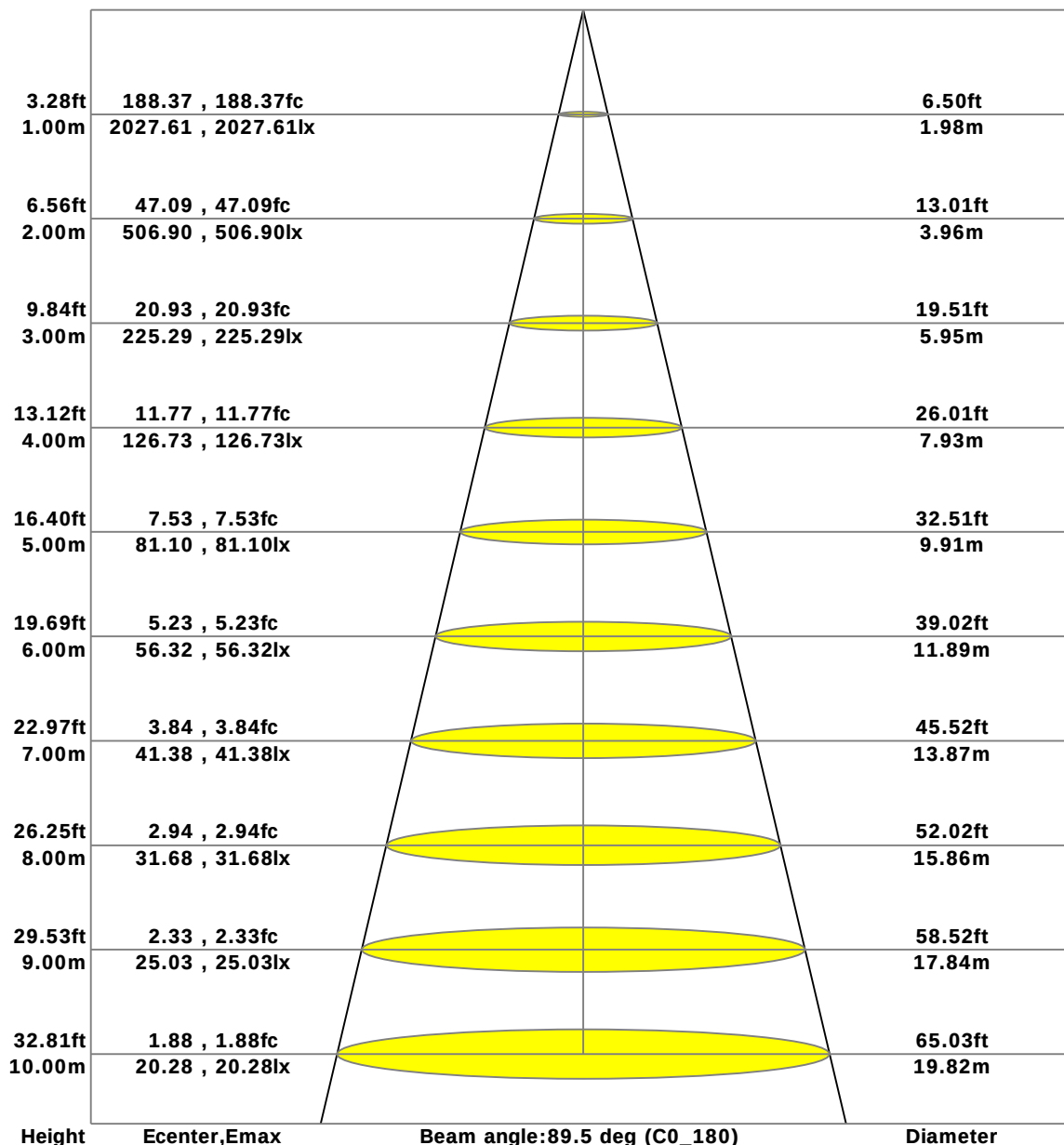
Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## 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            | 16.47          | 16.54 | 16.67 | 16.72 | 16.97 | 16.46            | 16.53 | 16.66 | 16.71 | 16.96 |
| 3H               | 16.52          | 16.59 | 16.73 | 16.78 | 17.03 | 16.51            | 16.58 | 16.72 | 16.77 | 17.02 |
| 4H               | 16.53          | 16.60 | 16.74 | 16.79 | 17.04 | 16.52            | 16.58 | 16.73 | 16.78 | 17.03 |
| 6H               | 16.52          | 16.58 | 16.74 | 16.78 | 17.04 | 16.51            | 16.57 | 16.73 | 16.77 | 17.02 |
| 8H               | 16.51          | 16.57 | 16.73 | 16.77 | 17.03 | 16.50            | 16.56 | 16.71 | 16.76 | 17.01 |
| 12H              | 16.49          | 16.55 | 16.72 | 16.76 | 17.01 | 16.48            | 16.54 | 16.70 | 16.75 | 17.00 |
| 4H 2H            | 18.06          | 18.13 | 18.27 | 18.32 | 18.57 | 18.06            | 18.12 | 18.27 | 18.32 | 18.57 |
| 3H               | 18.35          | 18.41 | 18.57 | 18.61 | 18.87 | 18.35            | 18.41 | 18.57 | 18.61 | 18.87 |
| 4H               | 18.45          | 18.51 | 18.68 | 18.72 | 18.98 | 18.45            | 18.51 | 18.68 | 18.72 | 18.98 |
| 6H               | 18.50          | 18.56 | 18.74 | 18.78 | 19.04 | 18.50            | 18.56 | 18.74 | 18.78 | 19.04 |
| 8H               | 18.50          | 18.56 | 18.75 | 18.78 | 19.05 | 18.50            | 18.56 | 18.75 | 18.78 | 19.05 |
| 12H              | 18.49          | 18.54 | 18.74 | 18.77 | 19.04 | 18.49            | 18.54 | 18.74 | 18.77 | 19.04 |
| 8H 4H            | 18.99          | 19.05 | 19.21 | 19.26 | 19.51 | 18.99            | 19.05 | 19.20 | 19.25 | 19.50 |
| 6H               | 19.88          | 19.93 | 20.14 | 20.17 | 20.44 | 19.88            | 19.92 | 20.13 | 20.16 | 20.43 |
| 8H               | 19.93          | 19.97 | 20.19 | 20.21 | 20.49 | 19.92            | 19.96 | 20.18 | 20.21 | 20.48 |
| 12H              | 19.93          | 19.97 | 20.20 | 20.23 | 20.51 | 19.93            | 19.97 | 20.19 | 20.22 | 20.50 |
| 12H 4H           | 20.01          | 20.06 | 20.26 | 20.29 | 20.56 | 19.98            | 20.03 | 20.23 | 20.26 | 20.53 |
| 6H               | 20.23          | 20.28 | 20.49 | 20.52 | 20.80 | 20.20            | 20.25 | 20.46 | 20.49 | 20.77 |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

Remarks:



**Report No.:**

Test Time: 2022/11/19 10:07:34

## ZONAL LUMINOUS FLUX TABLE

[illegible]

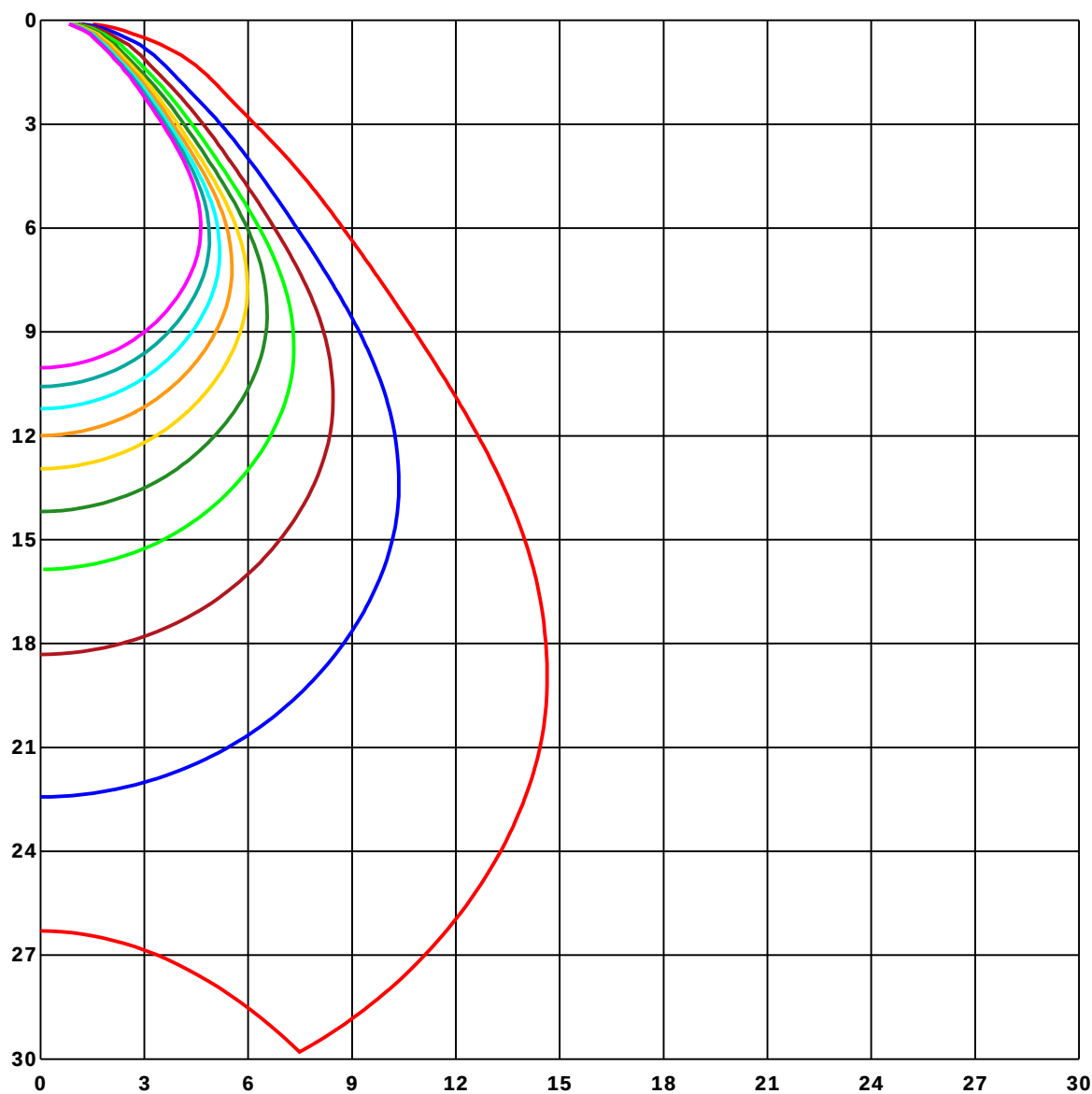
**C Range: 0 - 360 Deg**  
**C Interval: 45.0 Deg**  
**Test Speed: High**  
**Temperature:**  
**Operators:**  
**Test Date: 2022/11/19 10:07:34**

**G Range: 0 - 90 Deg**  
**G Interval: 1.0 Deg**  
**Test System: Huipu CPM-1800B Goniophotometer**  
**Humidity:**  
**Test Distance: 6.38 m**  
**Remarks:**

Report No.:

Test Time: 2022/11/19 10:07:34

## SPACE ISOLX DIAGRAM



Unit of illumination:lx

20.154  
18.138  
16.123  
14.108  
12.092

10.077  
8.061  
6.046  
4.031  
2.015

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma/C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G0      | 2027.61 | 2005.22 | 2011.53 | 2019.18 | 2027.61 | 2005.22 | 2011.53 | 2019.18 | 2027.61 |  |
| G1      | 2027.08 | 2003.76 | 2011.08 | 2018.86 | 2027.57 | 2005.99 | 2011.16 | 2018.69 | 2027.08 |  |
| G2      | 2025.9  | 2001.68 | 2009.9  | 2017.8  | 2026.79 | 2005.99 | 2010.59 | 2017.68 | 2025.9  |  |
| G3      | 2023.95 | 1998.99 | 2008.07 | 2016.42 | 2025.33 | 2005.3  | 2009.05 | 2015.93 | 2023.95 |  |
| G4      | 2021.54 | 1995.66 | 2005.71 | 2014.09 | 2023.13 | 2004.08 | 2007.05 | 2013.69 | 2021.54 |  |
| G5      | 2018.45 | 1991.5  | 2002.62 | 2011.29 | 2020.24 | 2002.29 | 2004.29 | 2010.72 | 2018.45 |  |
| G6      | 2014.79 | 1986.7  | 1998.83 | 2007.66 | 2016.7  | 1999.69 | 2000.91 | 2007.26 | 2014.79 |  |
| G7      | 2010.55 | 1981.33 | 1994.39 | 2003.31 | 2012.55 | 1996.55 | 1997.0  | 2002.86 | 2010.55 |  |
| G8      | 2005.34 | 1975.34 | 1989.39 | 1998.42 | 2007.66 | 1992.81 | 1992.48 | 1998.22 | 2005.34 |  |
| G9      | 1999.93 | 1968.63 | 1983.65 | 1992.97 | 2002.13 | 1988.29 | 1987.35 | 1992.52 | 1999.93 |  |
| G10     | 1993.78 | 1961.5  | 1977.42 | 1986.86 | 1996.06 | 1983.24 | 1981.65 | 1986.66 | 1993.78 |  |
| G11     | 1986.9  | 1953.69 | 1970.62 | 1980.15 | 1989.22 | 1977.75 | 1975.22 | 1979.86 | 1986.9  |  |
| G12     | 1979.41 | 1945.22 | 1963.05 | 1972.74 | 1982.02 | 1971.52 | 1968.06 | 1972.62 | 1979.41 |  |
| G13     | 1971.11 | 1936.02 | 1954.99 | 1964.68 | 1974.16 | 1964.56 | 1960.32 | 1964.44 | 1971.11 |  |
| G14     | 1962.16 | 1926.26 | 1946.12 | 1956.09 | 1965.17 | 1956.95 | 1951.7  | 1955.72 | 1962.16 |  |
| G15     | 1952.39 | 1915.92 | 1936.76 | 1946.93 | 1955.97 | 1948.68 | 1942.5  | 1946.36 | 1952.39 |  |
| G16     | 1941.97 | 1904.93 | 1926.7  | 1937.29 | 1946.04 | 1939.73 | 1932.69 | 1936.19 | 1941.97 |  |
| G17     | 1930.65 | 1893.53 | 1916.24 | 1926.91 | 1935.66 | 1930.41 | 1922.02 | 1925.4  | 1930.65 |  |
| G18     | 1918.44 | 1881.32 | 1905.01 | 1915.67 | 1924.46 | 1920.31 | 1910.3  | 1913.92 | 1918.44 |  |
| G19     | 1905.33 | 1868.33 | 1893.2  | 1903.99 | 1912.86 | 1909.77 | 1898.01 | 1901.79 | 1905.33 |  |
| G20     | 1891.94 | 1854.33 | 1880.5  | 1891.29 | 1900.16 | 1898.66 | 1885.1  | 1889.01 | 1891.94 |  |
| G21     | 1877.61 | 1840.04 | 1867.48 | 1877.94 | 1887.18 | 1887.02 | 1871.63 | 1875.7  | 1877.61 |  |
| G22     | 1862.47 | 1824.49 | 1853.43 | 1864.06 | 1873.01 | 1874.93 | 1857.02 | 1862.06 | 1862.47 |  |
| G23     | 1846.47 | 1808.17 | 1838.66 | 1848.88 | 1858.32 | 1862.67 | 1841.92 | 1848.27 | 1846.47 |  |
| G24     | 1829.95 | 1790.75 | 1823.07 | 1832.88 | 1842.69 | 1850.34 | 1825.96 | 1834.39 | 1829.95 |  |
| G25     | 1812.57 | 1772.11 | 1806.67 | 1815.82 | 1826.08 | 1836.83 | 1809.35 | 1819.65 | 1812.57 |  |
| G26     | 1794.33 | 1752.04 | 1788.96 | 1797.47 | 1808.09 | 1822.01 | 1791.73 | 1803.61 | 1794.33 |  |
| G27     | 1775.24 | 1730.87 | 1770.15 | 1777.64 | 1789.33 | 1805.12 | 1773.21 | 1784.48 | 1775.24 |  |
| G28     | 1755.05 | 1708.73 | 1750.78 | 1757.09 | 1769.3  | 1787.01 | 1753.51 | 1763.4  | 1755.05 |  |
| G29     | 1733.44 | 1684.06 | 1730.22 | 1734.13 | 1748.13 | 1767.71 | 1732.58 | 1741.05 | 1733.44 |  |
| G30     | 1711.13 | 1657.65 | 1708.04 | 1709.59 | 1725.46 | 1747.16 | 1710.56 | 1715.81 | 1711.13 |  |
| G31     | 1686.95 | 1627.44 | 1684.27 | 1681.3  | 1701.04 | 1724.97 | 1686.87 | 1688.46 | 1686.95 |  |
| G32     | 1661.47 | 1593.98 | 1659.15 | 1650.52 | 1675.52 | 1700.67 | 1661.88 | 1657.12 | 1661.47 |  |
| G33     | 1633.55 | 1554.87 | 1632.0  | 1615.4  | 1647.8  | 1673.64 | 1634.44 | 1622.32 | 1633.55 |  |
| G34     | 1603.67 | 1509.89 | 1602.9  | 1576.07 | 1618.33 | 1643.32 | 1604.0  | 1583.4  | 1603.67 |  |
| G35     | 1570.34 | 1458.85 | 1571.27 | 1532.07 | 1586.21 | 1608.76 | 1570.25 | 1540.54 | 1570.34 |  |
| G36     | 1533.38 | 1401.45 | 1536.75 | 1483.02 | 1550.76 | 1569.24 | 1532.07 | 1494.14 | 1533.38 |  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

Remarks:

Report No.:

Test Time: 2022/11/19 10:07:34

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| Gamma/C | C0      | C45     | C90     | C135    | C180    | C225    | C270    | C315    | C360    |  |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
| G37     | 1491.98 | 1337.79 | 1498.17 | 1429.34 | 1510.34 | 1523.36 | 1489.54 | 1443.62 | 1491.98 |  |
| G38     | 1445.66 | 1270.18 | 1455.63 | 1373.2  | 1464.26 | 1469.96 | 1441.91 | 1390.38 | 1445.66 |  |
| G39     | 1395.88 | 1200.25 | 1407.76 | 1314.75 | 1411.18 | 1409.06 | 1388.43 | 1333.64 | 1395.88 |  |
| G40     | 1344.26 | 1132.03 | 1354.64 | 1255.28 | 1351.96 | 1344.06 | 1333.76 | 1274.33 | 1344.26 |  |
| G41     | 1288.46 | 1066.21 | 1293.34 | 1194.88 | 1284.96 | 1275.68 | 1277.02 | 1213.44 | 1288.46 |  |
| G42     | 1227.52 | 1005.72 | 1225.37 | 1135.37 | 1212.99 | 1205.58 | 1214.95 | 1151.04 | 1227.52 |  |
| G43     | 1160.04 | 949.23  | 1149.9  | 1076.43 | 1136.51 | 1138.1  | 1146.89 | 1090.88 | 1160.04 |  |
| G44     | 1086.81 | 897.49  | 1070.04 | 1019.4  | 1057.18 | 1073.5  | 1073.13 | 1031.49 | 1086.81 |  |
| G45     | 1009.23 | 849.7   | 990.7   | 965.18  | 978.05  | 1014.68 | 995.43  | 976.3   | 1009.23 |  |
| G46     | 928.55  | 805.54  | 912.63  | 913.49  | 899.69  | 960.3   | 916.87  | 923.58  | 928.55  |  |
| G47     | 848.04  | 764.8   | 837.62  | 865.78  | 825.4   | 911.29  | 841.16  | 875.27  | 848.04  |  |
| G48     | 771.14  | 724.86  | 766.67  | 819.99  | 755.47  | 865.7   | 769.52  | 829.88  | 771.14  |  |
| G49     | 700.64  | 685.54  | 700.12  | 775.95  | 690.96  | 823.53  | 703.7   | 787.26  | 700.64  |  |
| G50     | 636.45  | 647.08  | 638.12  | 734.59  | 630.96  | 783.19  | 643.58  | 745.83  | 636.45  |  |
| G51     | 579.83  | 608.08  | 583.13  | 693.36  | 578.29  | 744.77  | 589.56  | 706.55  | 579.83  |  |
| G52     | 530.3   | 570.84  | 534.49  | 654.28  | 532.01  | 706.26  | 541.49  | 666.82  | 530.3   |  |
| G53     | 487.52  | 532.7   | 490.77  | 614.76  | 490.41  | 668.49  | 499.48  | 628.03  | 487.52  |  |
| G54     | 449.42  | 494.8   | 451.57  | 575.6   | 452.76  | 630.92  | 461.87  | 590.01  | 449.42  |  |
| G55     | 415.88  | 457.27  | 416.12  | 537.18  | 418.52  | 592.98  | 428.7   | 551.79  | 415.88  |  |
| G56     | 386.9   | 421.41  | 384.98  | 499.2   | 387.95  | 555.09  | 399.6   | 514.59  | 386.9   |  |
| G57     | 360.03  | 387.38  | 357.02  | 463.09  | 359.99  | 517.56  | 372.93  | 478.64  | 360.03  |  |
| G58     | 335.81  | 355.84  | 331.74  | 428.01  | 334.55  | 479.74  | 348.59  | 443.07  | 335.81  |  |
| G59     | 313.1   | 326.86  | 308.66  | 395.0   | 310.98  | 443.47  | 325.59  | 409.89  | 313.1   |  |
| G60     | 291.77  | 301.66  | 287.41  | 364.51  | 289.33  | 408.35  | 303.98  | 378.96  | 291.77  |  |
| G61     | 271.86  | 279.92  | 267.47  | 336.46  | 269.1   | 375.38  | 284.08  | 350.63  | 271.86  |  |
| G62     | 253.22  | 262.62  | 249.19  | 312.12  | 250.9   | 345.54  | 265.27  | 325.47  | 253.22  |  |
| G63     | 235.88  | 249.52  | 232.75  | 291.36  | 234.91  | 318.76  | 248.3   | 303.7   | 235.88  |  |
| G64     | 221.23  | 239.95  | 218.5   | 273.53  | 221.31  | 296.21  | 232.79  | 285.38  | 221.23  |  |
| G65     | 208.24  | 232.59  | 206.29  | 257.9   | 209.79  | 278.3   | 219.27  | 270.48  | 208.24  |  |
| G66     | 197.58  | 226.28  | 196.64  | 244.8   | 200.18  | 264.54  | 208.12  | 258.15  | 197.58  |  |
| G67     | 188.79  | 218.66  | 188.58  | 232.87  | 192.25  | 254.61  | 198.84  | 247.73  | 188.79  |  |
| G68     | 182.07  | 209.42  | 182.11  | 222.25  | 185.94  | 246.51  | 191.07  | 238.53  | 182.07  |  |
| G69     | 176.54  | 199.41  | 176.86  | 213.49  | 180.85  | 238.77  | 184.47  | 229.82  | 176.54  |  |
| G70     | 172.1   | 189.68  | 172.63  | 205.56  | 176.66  | 230.96  | 178.69  | 221.64  | 172.1   |  |
| G71     | 168.39  | 181.5   | 169.13  | 198.6   | 172.99  | 222.37  | 173.77  | 213.25  | 168.39  |  |
| G72     | 164.93  | 175.88  | 165.83  | 192.65  | 169.37  | 213.25  | 169.25  | 204.91  | 164.93  |  |
| G73     | 161.35  | 171.94  | 162.74  | 186.51  | 165.5   | 204.58  | 164.77  | 197.21  | 161.35  |  |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature:

Operators:

Test Date: 2022/11/19 10:07:34

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-1800B Goniophotometer

Humidity:

Test Distance: 6.38 m

Remarks:

**Report No.:**

Test Time: 2022/11/19 10:07:34

## LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 2)

[illegible]

**C Range: 0 - 360 Deg**

C Interval: 45.0 Deg

**Test Speed: High**

Temperature:

### Operators:

**Test Date: 2022/11/19 10:07:34**

**G Range: 0 - 90 Deg**

**G Interval: 1.0 Deg**

**Test System: Huipu CPM-1800B Goniophotometer**

**Humidity:**

**Test Distance: 6.38 m**

Remarks: