

Report No.:

Test Time: 2020-6-2 17:45

## Luminaire Property

Luminaire Manufacturer:

Voltage: 120.0 V

Power: 33.85 W

Current: 0.284 A

Power Factor: 0.992

## Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4152.9 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 1806.85 cd

Pos of Max. Intensity: H247.5 V4

Longitudinal Classification: Very Short

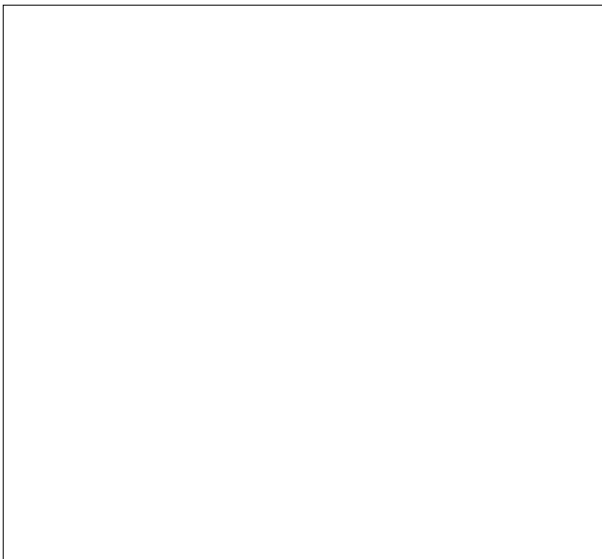
Measurement Flux: 4152.9 lm

Downward Ratio: 100%

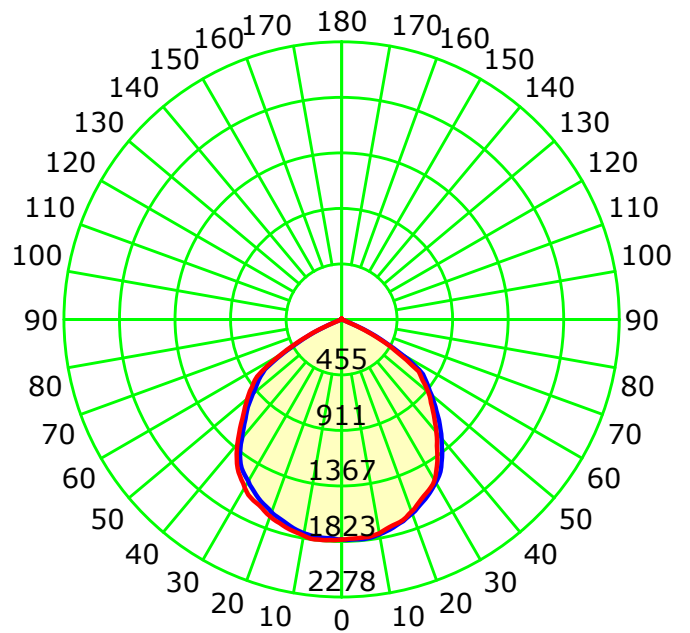
Luminaire Efficacy Rating (LER): 122.74

Max. Intensity: 1823.07 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 103.8°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

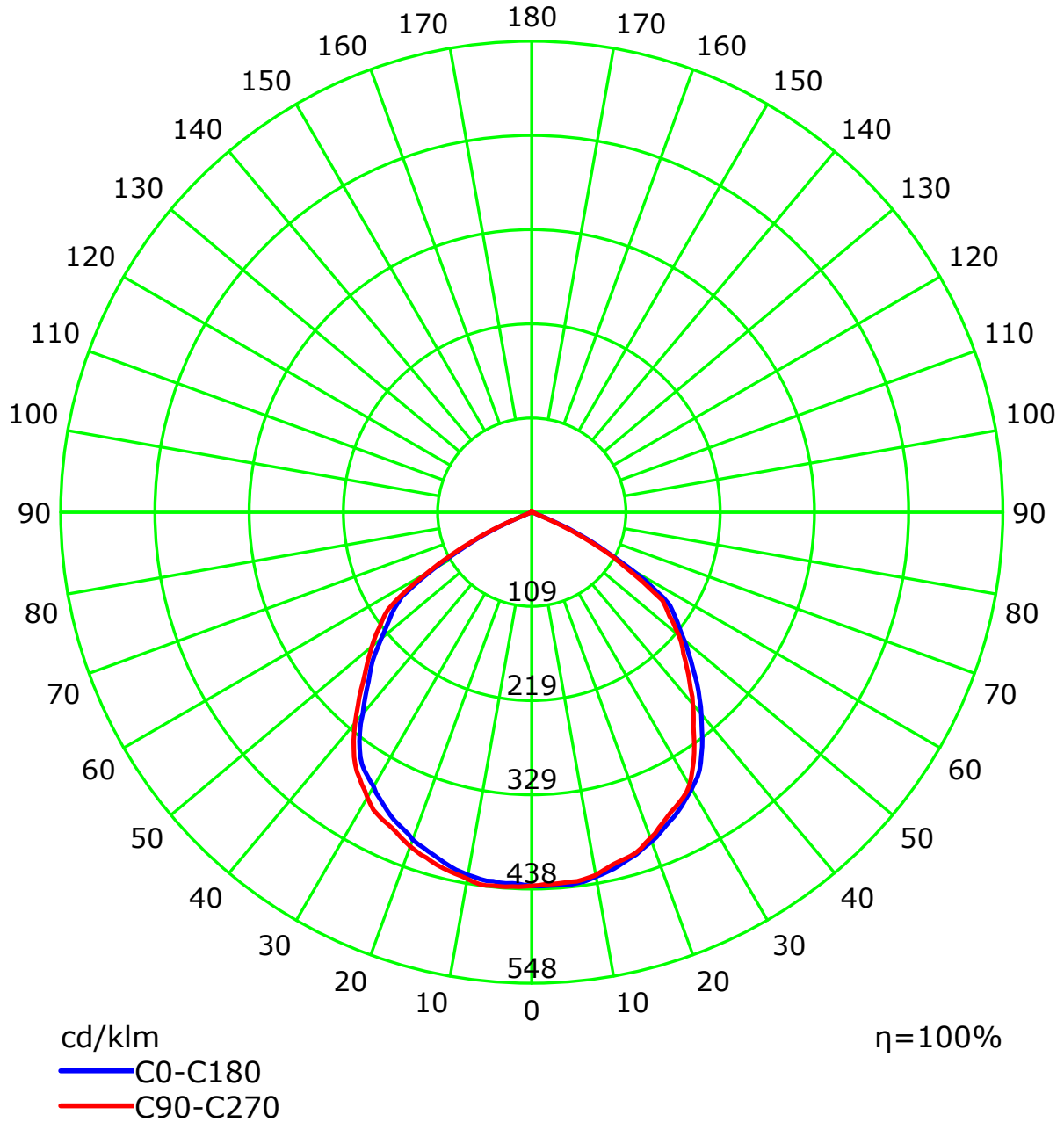
Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

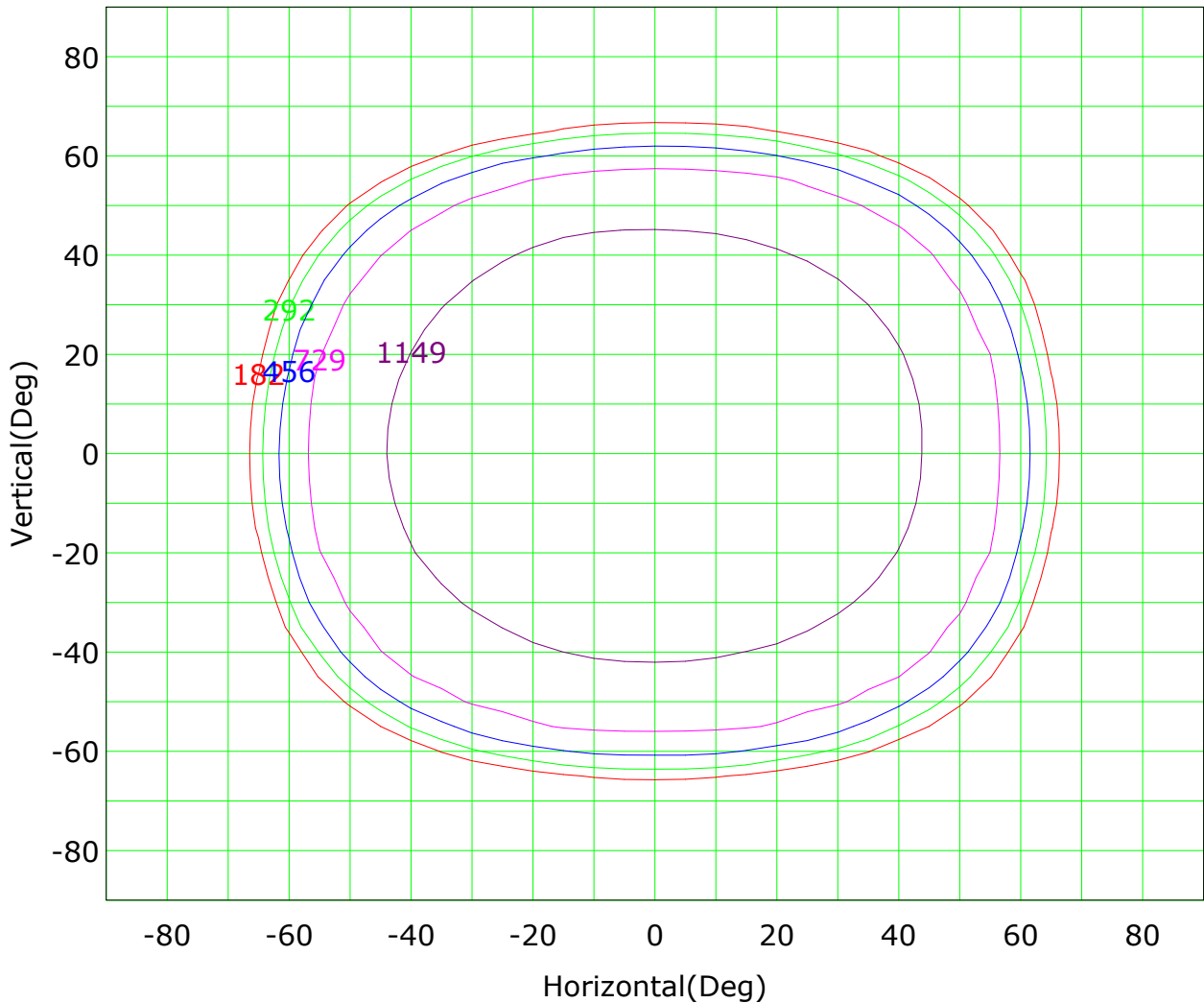
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



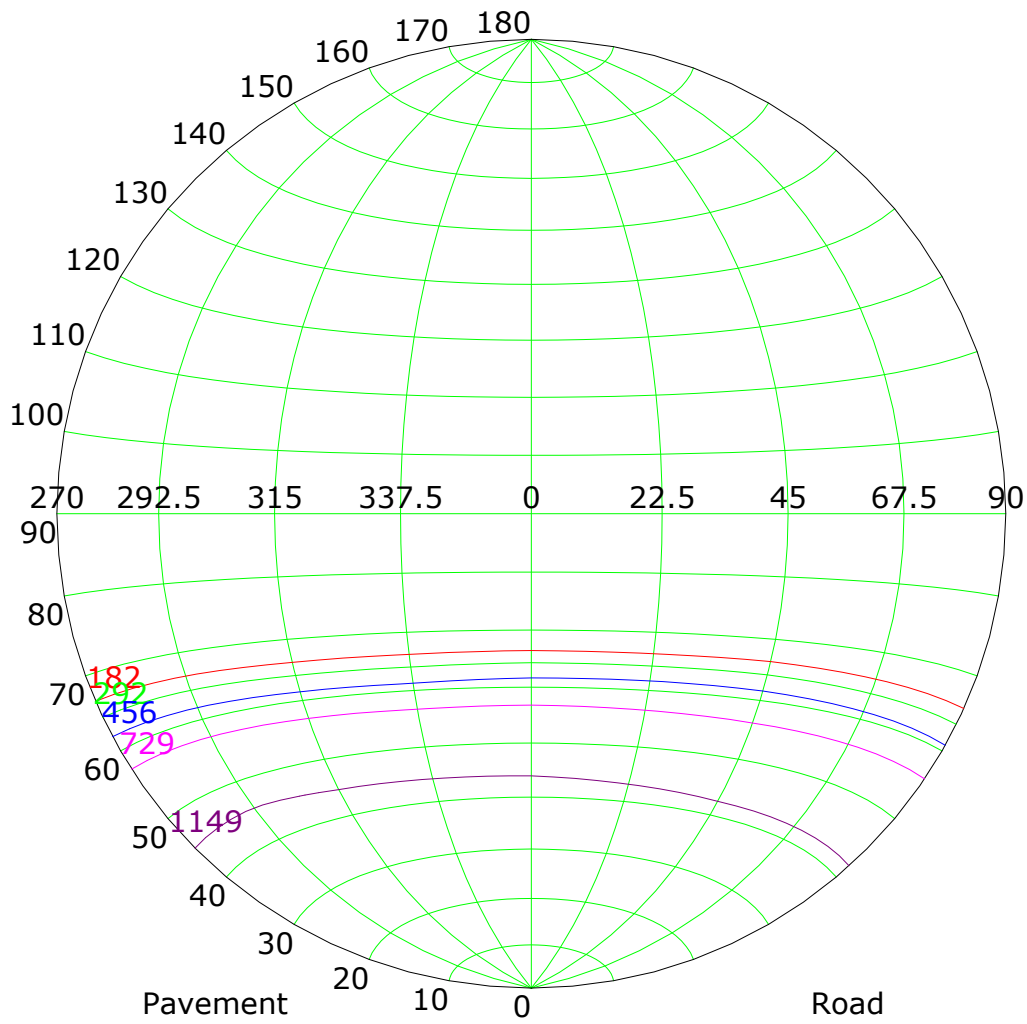
Imax (100%): 1823 cd

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li><span style="color: red;">—</span> ( 10%): 182 cd</li> <li><span style="color: blue;">—</span> ( 25%): 456 cd</li> <li><span style="color: purple;">—</span> ( 63%): 1149 cd</li> </ul> | <ul style="list-style-type: none"> <li><span style="color: green;">—</span> ( 16%): 292 cd</li> <li><span style="color: magenta;">—</span> ( 40%): 729 cd</li> <li><span style="color: orange;">—</span> (100%): 1823 cd</li> </ul> |
|--|---|

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Isocandela (sphere)



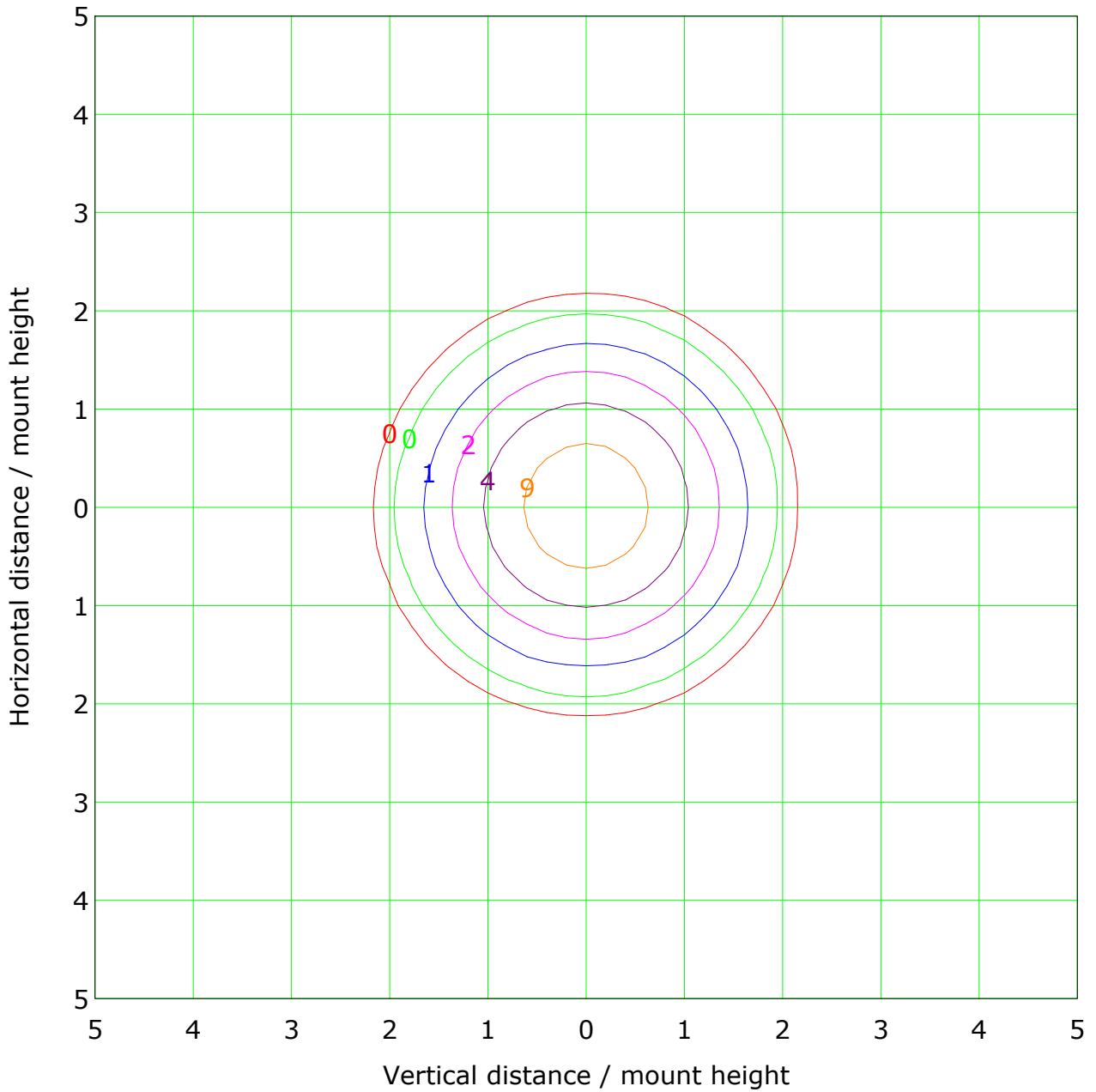
Imax (100%): 1823 cd

- |                   |                   |
|-------------------|-------------------|
| — ( 10%): 182 cd  | — ( 16%): 292 cd  |
| — ( 25%): 456 cd  | — ( 40%): 729 cd  |
| — ( 63%): 1149 cd | — (100%): 1823 cd |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

# IsoLux Plot



|                        |         |                        |        |
|------------------------|---------|------------------------|--------|
| Mounting Height: 10.0m |         | Max Lux(100%): 18.1 lx |        |
| — ( 1%):               | 0.2 lx  | — ( 2%):               | 0.4 lx |
| — ( 5%):               | 0.9 lx  | — ( 10%):              | 1.8 lx |
| — ( 20%):              | 3.6 lx  | — ( 50%):              | 9.1 lx |
| — (100%):              | 18.1 lx |                        |        |

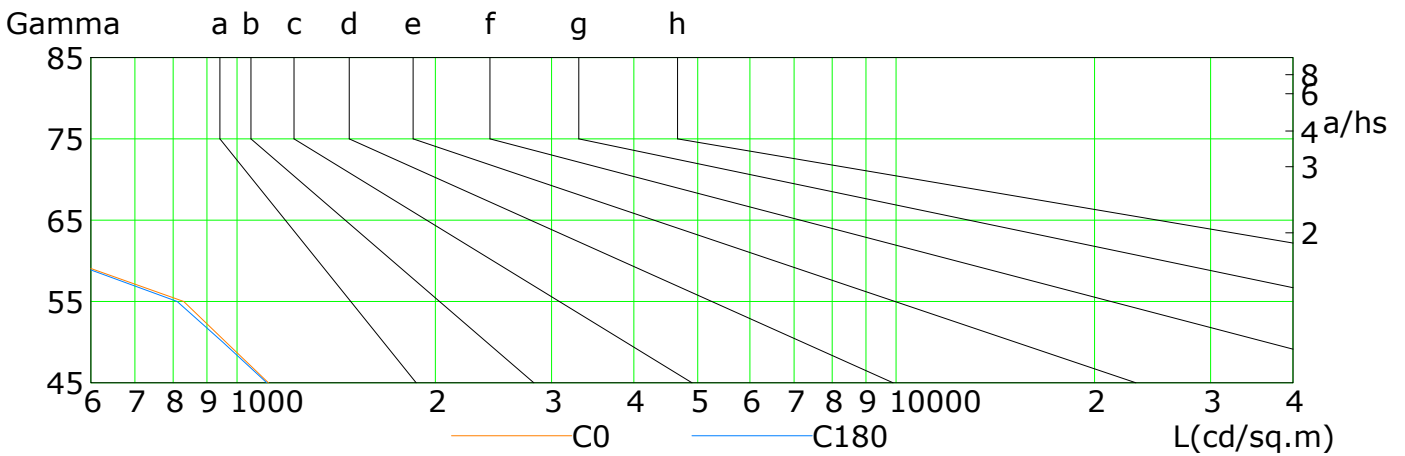
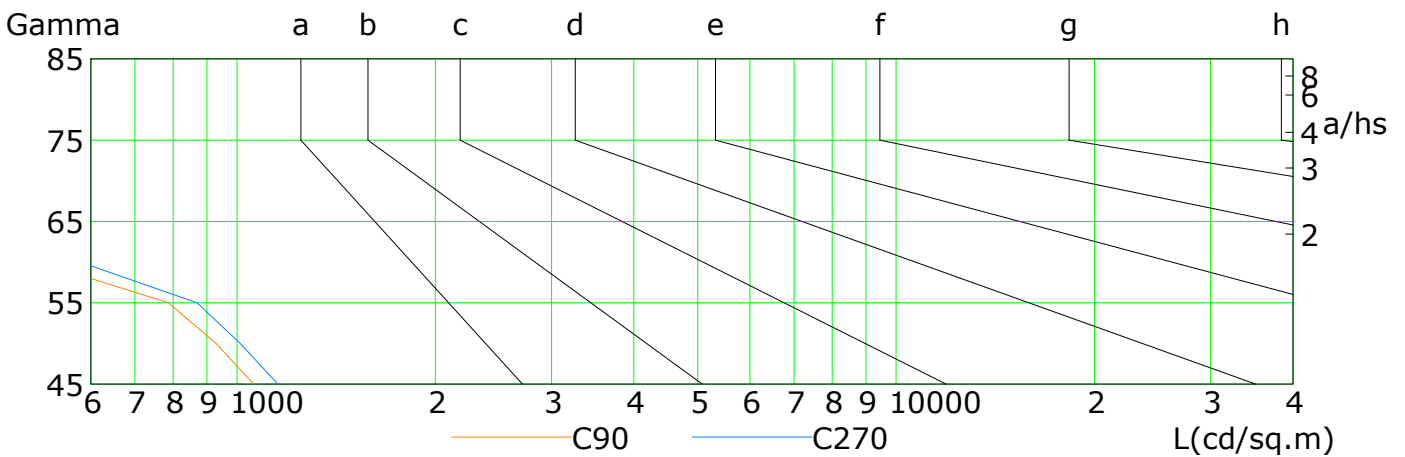
C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) |      |      |       |       |       |       |       |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
|        |         | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.15   | A       | 2000             | 1000 | 500  | <=300 |       |       |       |       |
| 1.50   | B       |                  | 2000 | 1000 | 500   | <=300 |       |       |       |
| 1.85   | C       |                  |      | 2000 | 1000  | 500   | <=300 |       |       |
| 2.20   | D       |                  |      |      | 2000  | 1000  | 500   | <=300 |       |
| 2.55   | E       |                  |      |      |       | 2000  | 1000  | 500   | <=300 |

a      b      c      d      e      f      g      h

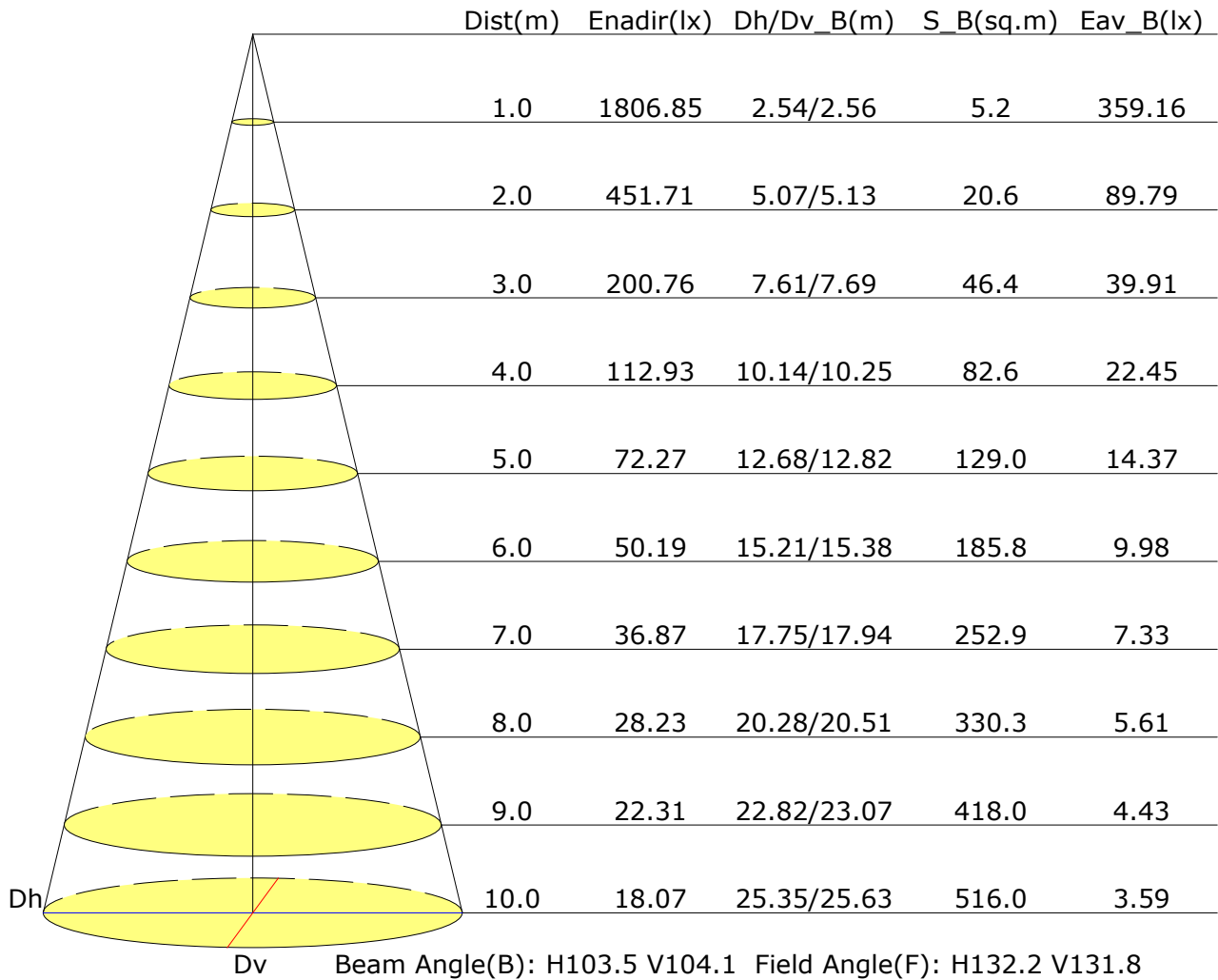


| L(cd/sq.m) | G45  | G50  | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|------|------|-----|-----|-----|-----|-----|-----|-----|
| C0         | 1116 | 962  | 830 | 556 | 250 | 18  | 3   | 2   | 2   |
| C90        | 1060 | 929  | 787 | 500 | 212 | 16  | 6   | 4   | 4   |
| C180       | 1110 | 952  | 811 | 550 | 244 | 18  | 4   | 3   | 2   |
| C270       | 1153 | 1011 | 870 | 578 | 266 | 22  | 5   | 4   | 4   |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

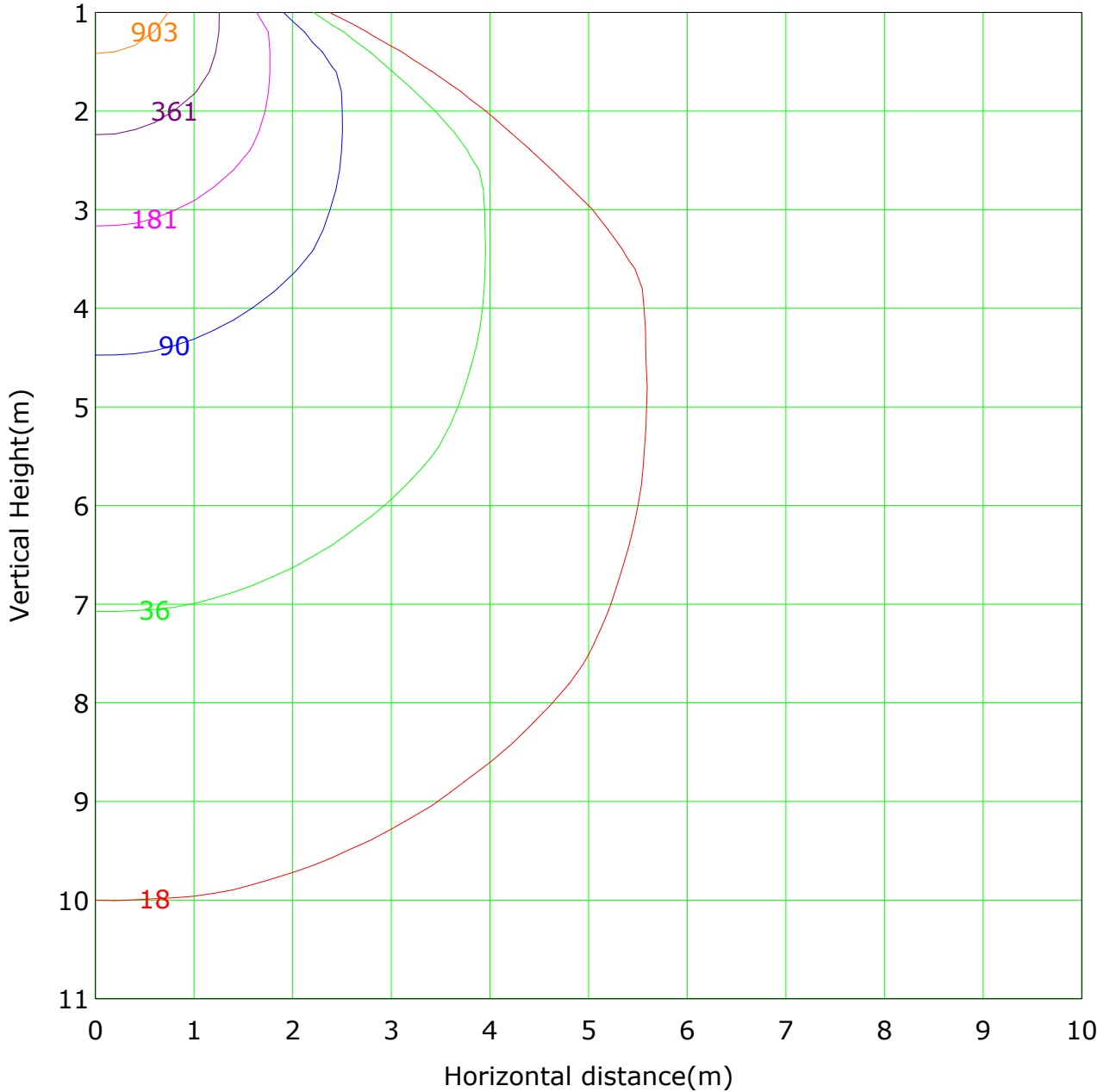
## Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1806.8 lx  
 — ( 1%): 18.1 lx                      — ( 2%): 36.1 lx  
 — ( 5%): 90.3 lx                        — (10%): 180.7 lx  
 — (20%): 361.4 lx                      — ( 50%): 903.4 lx  
 — (100%):1806.8 lx

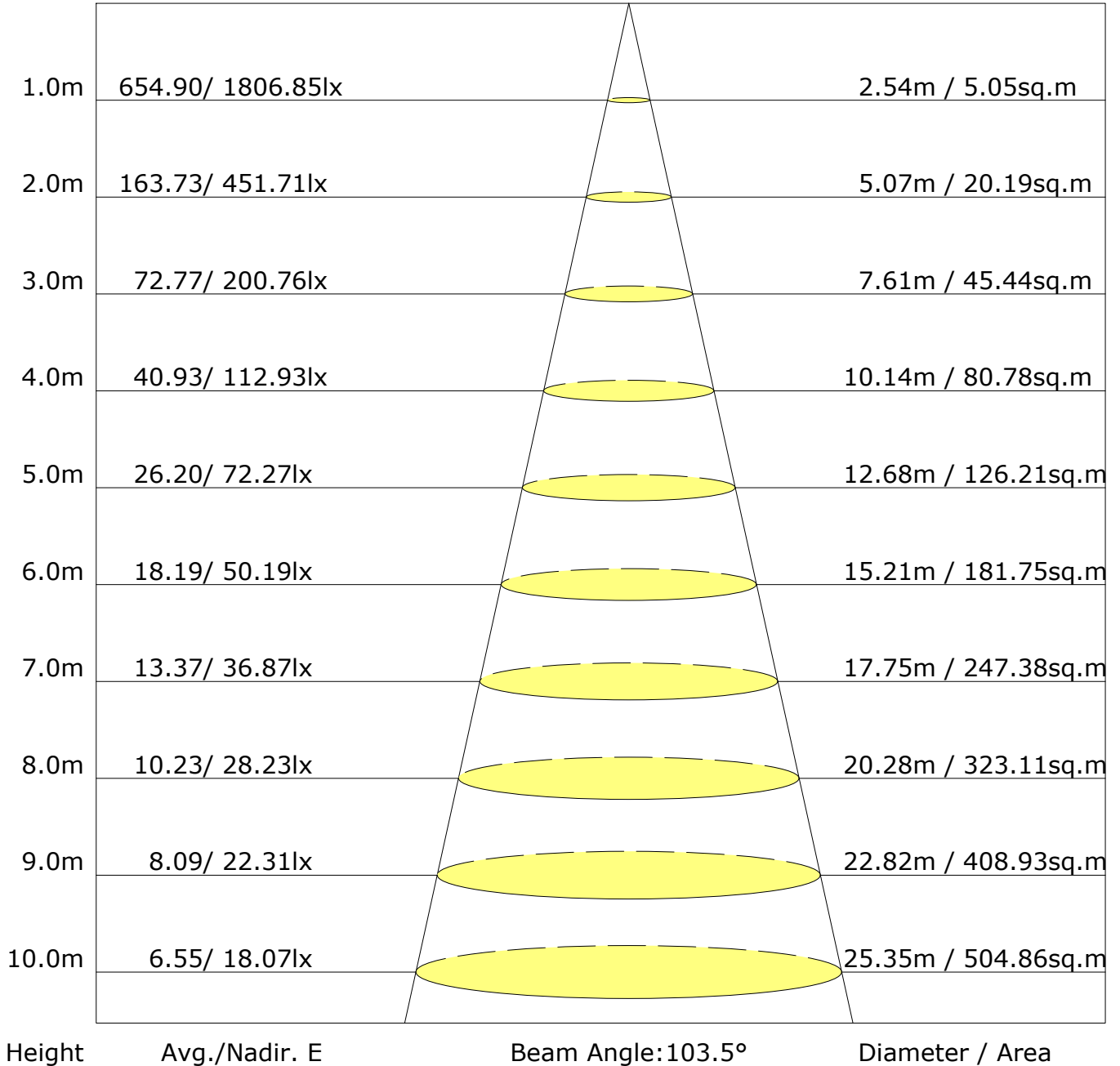
C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:



## The Average Illuminance Effective Figure

Flux Out: 3306.32lm



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## UGR Table

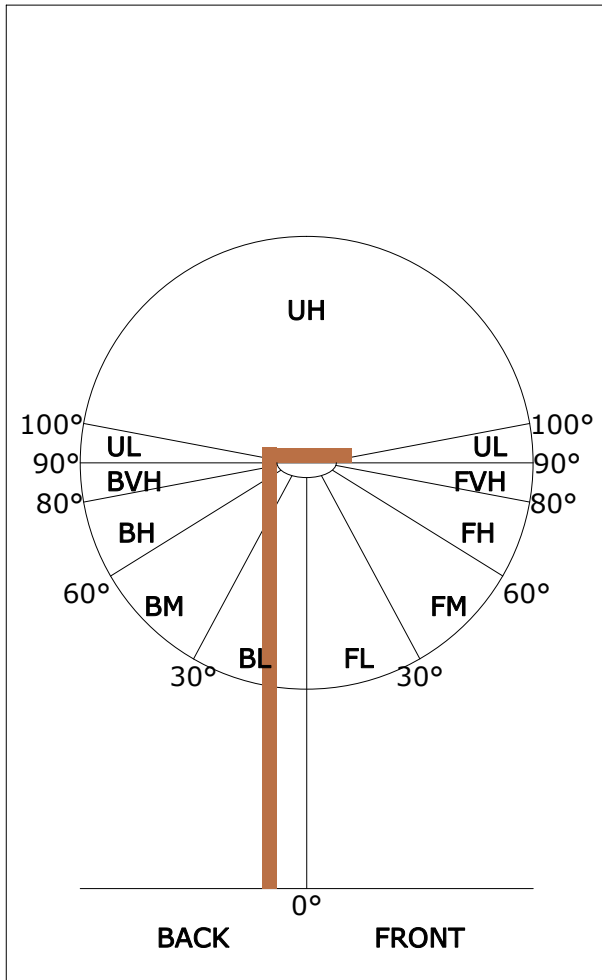
|  |                  |       |       |       |       |                |       |       |       |       |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance:                                       |                  |       |       |       |       |                |       |       |       |       |
| Ceiling (cavity)                                   | 0.7              | 0.7   | 0.5   | 0.5   | 0.3   | 0.7            | 0.7   | 0.5   | 0.5   | 0.3   |
| Wall   | 0.5              | 0.3   | 0.5   | 0.3   | 0.3   | 0.5            | 0.3   | 0.5   | 0.3   | 0.3   |
| Reference plane                                    | 0.2              | 0.2   | 0.2   | 0.2   | 0.2   | 0.2            | 0.2   | 0.2   | 0.2   | 0.2   |
| Room dimensions                                    | Viewed crosswise |       |       |       |       | Viewed endwise |       |       |       |       |
| X=2H Y=2H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 3H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 4H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=4H Y=2H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 3H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 4H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=8H Y=4H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 12H  | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| X=12H Y=4H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 6H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| 8H   | -1.\$            | -1.\$ | -1.\$ | -1.\$ | -1.\$ | -1.\$          | -1.\$ | -1.\$ | -1.\$ | -1.\$ |
| Variations with the observer position at spacings: |                  |       |       |       |       |                |       |       |       |       |
| S=1.0H   | -1.\$/-1.\$      |       |       |       |       | -1.\$/-1.\$    |       |       |       |       |
| S=1.5H   | -1.\$/-1.\$      |       |       |       |       | -1.\$/-1.\$    |       |       |       |       |
| S=2.0H   | -1.\$/-1.\$      |       |       |       |       | -1.\$/-1.\$    |       |       |       |       |

Calculate in accordance with CIE Pub.117. The table is revised with  $4153\text{lm}$  ( $8\log(F/F_0) = 4.9$ ).

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



| ZONE                 | LUMENS | % LAMP LUMENS |
|----------------------|--------|---------------|
| <b>FORWARD LIGHT</b> | 2028   | 48.8          |
| FL ( 0°-30°)         | 703    | 16.9          |
| FM (30°-60°)         | 1203   | 29.0          |
| FH (60°-80°)         | 121    | 2.9           |
| FVH (80°-90°)        | 2      | 0.0           |
| <b>BACK LIGHT</b>    | 2109   | 50.8          |
| BL ( 0°-30°)         | 714    | 17.2          |
| BM (30°-60°)         | 1263   | 30.4          |
| BH (60°-80°)         | 130    | 3.1           |
| BVH (80°-90°)        | 2      | 0.0           |
| <b>UP LIGHT</b>      | 17     | 0.4           |
| UL (90°-100°)        | 2      | 0.0           |
| UH (100°-180°)       | 15     | 0.4           |
| <b>TRAPPED LIGHT</b> | NA     | NA            |

| <b>BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11</b>      |          |
|--|----------|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV)               | B2 U2 G1 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B2 U2 G0 |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

| G\C   | C0.0   | C22.5  | C45.0  | C67.5  | C90.0  | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G0.0  | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 |
| G1.0  | 1809.7 | 1805.7 | 1799.8 | 1804.2 | 1805.1 | 1803.8 | 1798.8 | 1803.0 | 1805.0 | 1807.1 |
| G2.0  | 1808.9 | 1804.2 | 1797.1 | 1800.9 | 1801.5 | 1798.4 | 1794.4 | 1802.0 | 1799.4 | 1808.1 |
| G3.0  | 1808.4 | 1806.0 | 1797.3 | 1801.1 | 1801.7 | 1793.8 | 1790.5 | 1804.2 | 1797.1 | 1809.1 |
| G4.0  | 1809.0 | 1806.2 | 1797.3 | 1802.1 | 1800.9 | 1793.2 | 1787.3 | 1801.6 | 1799.8 | 1810.7 |
| G5.0  | 1810.3 | 1806.5 | 1796.9 | 1803.3 | 1798.7 | 1793.6 | 1786.3 | 1801.3 | 1799.1 | 1810.6 |
| G6.0  | 1810.9 | 1805.0 | 1796.7 | 1804.0 | 1797.8 | 1791.3 | 1785.5 | 1799.8 | 1794.3 | 1804.6 |
| G7.0  | 1807.7 | 1801.1 | 1798.5 | 1800.8 | 1798.5 | 1789.4 | 1787.2 | 1796.0 | 1796.8 | 1802.4 |
| G8.0  | 1804.6 | 1794.9 | 1792.5 | 1797.7 | 1794.0 | 1784.5 | 1784.8 | 1796.9 | 1792.5 | 1796.1 |
| G9.0  | 1797.6 | 1787.7 | 1785.4 | 1786.9 | 1788.4 | 1780.4 | 1783.5 | 1789.4 | 1786.1 | 1789.5 |
| G10.0 | 1790.3 | 1782.1 | 1780.0 | 1777.1 | 1782.5 | 1774.3 | 1781.1 | 1785.4 | 1782.0 | 1780.3 |
| G11.0 | 1784.1 | 1772.9 | 1772.1 | 1769.0 | 1770.1 | 1769.2 | 1776.7 | 1780.0 | 1774.3 | 1776.4 |
| G12.0 | 1776.2 | 1767.0 | 1767.1 | 1760.9 | 1759.0 | 1765.7 | 1773.0 | 1771.8 | 1768.1 | 1771.8 |
| G13.0 | 1769.1 | 1755.9 | 1753.3 | 1753.6 | 1748.5 | 1758.9 | 1760.7 | 1762.9 | 1758.1 | 1764.1 |
| G14.0 | 1759.5 | 1743.3 | 1743.1 | 1742.5 | 1742.0 | 1752.7 | 1749.2 | 1752.9 | 1747.8 | 1756.1 |
| G15.0 | 1748.0 | 1731.2 | 1735.0 | 1731.0 | 1736.1 | 1745.2 | 1737.2 | 1740.6 | 1736.3 | 1748.5 |
| G16.0 | 1738.9 | 1722.1 | 1725.3 | 1723.8 | 1730.8 | 1736.0 | 1723.9 | 1728.0 | 1724.8 | 1745.3 |
| G17.0 | 1731.3 | 1708.6 | 1714.6 | 1715.7 | 1722.3 | 1718.9 | 1714.5 | 1717.5 | 1715.3 | 1734.5 |
| G18.0 | 1717.1 | 1698.8 | 1701.0 | 1706.0 | 1709.6 | 1711.1 | 1703.3 | 1705.4 | 1704.9 | 1720.4 |
| G19.0 | 1705.5 | 1686.2 | 1690.3 | 1697.2 | 1691.9 | 1700.2 | 1687.2 | 1690.9 | 1696.7 | 1709.6 |
| G20.0 | 1695.4 | 1678.2 | 1683.2 | 1682.6 | 1677.7 | 1681.4 | 1670.4 | 1679.7 | 1685.7 | 1698.3 |
| G21.0 | 1683.4 | 1665.4 | 1674.0 | 1669.8 | 1664.6 | 1666.4 | 1657.2 | 1669.5 | 1667.5 | 1685.8 |
| G22.0 | 1667.0 | 1656.0 | 1663.1 | 1658.1 | 1644.9 | 1650.2 | 1647.7 | 1661.9 | 1655.8 | 1673.6 |
| G23.0 | 1652.1 | 1648.3 | 1649.1 | 1642.4 | 1629.3 | 1634.1 | 1636.5 | 1652.8 | 1644.0 | 1658.7 |
| G24.0 | 1637.9 | 1634.2 | 1631.6 | 1628.1 | 1612.7 | 1616.3 | 1623.8 | 1641.2 | 1632.7 | 1647.4 |
| G25.0 | 1626.0 | 1621.2 | 1614.9 | 1616.2 | 1597.8 | 1603.9 | 1607.8 | 1628.1 | 1618.6 | 1637.2 |
| G26.0 | 1611.8 | 1605.9 | 1597.0 | 1597.9 | 1586.4 | 1589.8 | 1590.9 | 1607.8 | 1602.2 | 1623.7 |
| G27.0 | 1596.2 | 1589.4 | 1578.0 | 1580.8 | 1574.2 | 1570.4 | 1574.1 | 1594.0 | 1585.1 | 1607.5 |
| G28.0 | 1578.6 | 1573.0 | 1562.5 | 1561.5 | 1560.9 | 1554.0 | 1555.9 | 1578.9 | 1568.2 | 1591.5 |
| G29.0 | 1562.2 | 1554.4 | 1547.2 | 1539.7 | 1545.5 | 1540.9 | 1542.2 | 1564.0 | 1553.6 | 1573.8 |
| G30.0 | 1545.8 | 1532.0 | 1531.9 | 1520.7 | 1524.9 | 1523.8 | 1529.8 | 1545.8 | 1531.9 | 1558.0 |
| G31.0 | 1528.3 | 1508.5 | 1509.9 | 1501.2 | 1497.6 | 1505.1 | 1514.0 | 1526.7 | 1518.2 | 1541.4 |
| G32.0 | 1511.2 | 1488.3 | 1489.6 | 1477.0 | 1467.0 | 1481.8 | 1494.1 | 1509.4 | 1502.6 | 1522.4 |
| G33.0 | 1489.4 | 1469.4 | 1466.0 | 1447.6 | 1436.5 | 1454.1 | 1475.6 | 1492.9 | 1487.8 | 1497.8 |
| G34.0 | 1461.2 | 1447.1 | 1441.8 | 1418.1 | 1404.9 | 1422.9 | 1453.9 | 1471.0 | 1470.4 | 1479.7 |
| G35.0 | 1430.5 | 1413.4 | 1408.4 | 1390.5 | 1370.6 | 1385.9 | 1424.9 | 1441.5 | 1446.4 | 1456.9 |
| G36.0 | 1402.5 | 1382.9 | 1371.1 | 1358.4 | 1334.1 | 1352.7 | 1388.4 | 1406.3 | 1417.3 | 1431.8 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

**Candlepower Table (Continue 1)**

Unit: cd

| G\C   | C0.0   | C22.5  | C45.0  | C67.5  | C90.0  | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 1370.7 | 1347.5 | 1334.3 | 1319.7 | 1298.9 | 1320.2 | 1348.8 | 1366.6 | 1385.9 | 1404.2 |
| G38.0 | 1336.2 | 1319.7 | 1296.2 | 1283.0 | 1271.6 | 1290.8 | 1312.6 | 1329.1 | 1352.0 | 1371.9 |
| G39.0 | 1305.4 | 1281.7 | 1261.2 | 1247.2 | 1242.8 | 1254.4 | 1280.6 | 1294.8 | 1315.9 | 1338.5 |
| G40.0 | 1276.1 | 1248.1 | 1226.9 | 1217.3 | 1210.9 | 1214.7 | 1246.8 | 1265.2 | 1272.2 | 1305.3 |
| G41.0 | 1245.4 | 1213.1 | 1195.0 | 1189.2 | 1183.2 | 1182.3 | 1209.1 | 1234.7 | 1239.8 | 1269.2 |
| G42.0 | 1212.4 | 1183.2 | 1152.9 | 1156.1 | 1148.1 | 1152.5 | 1173.4 | 1205.0 | 1204.8 | 1235.7 |
| G43.0 | 1182.3 | 1157.1 | 1123.6 | 1128.7 | 1118.4 | 1123.5 | 1145.3 | 1172.2 | 1171.8 | 1203.4 |
| G44.0 | 1149.9 | 1128.8 | 1098.6 | 1094.5 | 1090.7 | 1095.9 | 1112.0 | 1137.4 | 1137.4 | 1170.9 |
| G45.0 | 1115.6 | 1093.3 | 1070.4 | 1064.9 | 1059.7 | 1065.4 | 1083.8 | 1109.6 | 1109.5 | 1136.6 |
| G46.0 | 1082.7 | 1061.2 | 1038.1 | 1039.5 | 1031.8 | 1037.6 | 1060.2 | 1069.8 | 1082.7 | 1103.1 |
| G47.0 | 1052.6 | 1027.9 | 1009.0 | 1013.7 | 1003.5 | 1007.8 | 1029.0 | 1034.7 | 1053.1 | 1068.6 |
| G48.0 | 1020.5 | 999.2  | 978.7  | 987.0  | 982.0  | 984.1  | 994.1  | 1007.4 | 1019.0 | 1031.9 |
| G49.0 | 993.5  | 967.9  | 954.9  | 959.0  | 957.8  | 951.2  | 968.0  | 980.5  | 983.7  | 1000.1 |
| G50.0 | 962.1  | 945.2  | 931.8  | 929.8  | 929.1  | 924.0  | 938.6  | 950.8  | 951.6  | 970.9  |
| G51.0 | 931.1  | 918.8  | 908.8  | 898.5  | 896.2  | 891.1  | 909.1  | 926.3  | 918.6  | 942.9  |
| G52.0 | 905.2  | 889.4  | 875.0  | 867.1  | 867.7  | 862.6  | 880.2  | 897.4  | 890.8  | 912.2  |
| G53.0 | 880.9  | 861.4  | 844.4  | 840.3  | 833.1  | 834.5  | 854.3  | 869.5  | 863.5  | 883.0  |
| G54.0 | 854.3  | 837.4  | 814.7  | 811.8  | 809.9  | 806.8  | 825.0  | 838.5  | 839.5  | 855.8  |
| G55.0 | 829.9  | 803.6  | 786.2  | 785.7  | 786.6  | 782.0  | 795.5  | 811.3  | 811.5  | 823.2  |
| G56.0 | 805.1  | 770.4  | 755.0  | 761.1  | 763.0  | 760.1  | 767.9  | 783.7  | 779.5  | 794.8  |
| G57.0 | 760.7  | 739.0  | 733.4  | 729.0  | 685.6  | 736.8  | 742.3  | 755.0  | 750.9  | 761.7  |
| G58.0 | 691.4  | 677.4  | 666.9  | 652.1  | 627.3  | 662.6  | 671.9  | 686.7  | 680.8  | 691.8  |
| G59.0 | 640.8  | 618.5  | 612.2  | 599.8  | 558.6  | 603.1  | 600.9  | 627.2  | 618.8  | 639.3  |
| G60.0 | 556.1  | 562.4  | 550.8  | 526.3  | 500.5  | 530.1  | 533.9  | 560.0  | 550.3  | 566.8  |
| G61.0 | 487.6  | 490.0  | 474.0  | 454.1  | 458.3  | 454.0  | 455.4  | 483.1  | 485.8  | 501.2  |
| G62.0 | 420.4  | 421.6  | 407.4  | 393.6  | 397.7  | 378.8  | 400.5  | 419.8  | 409.4  | 442.4  |
| G63.0 | 363.7  | 358.2  | 350.6  | 334.4  | 331.0  | 330.0  | 335.2  | 351.7  | 352.4  | 379.3  |
| G64.0 | 311.0  | 294.6  | 300.1  | 277.5  | 270.4  | 285.0  | 279.9  | 292.8  | 295.9  | 321.2  |
| G65.0 | 249.7  | 241.0  | 244.4  | 226.7  | 212.1  | 222.0  | 236.4  | 243.6  | 243.8  | 263.6  |
| G66.0 | 195.3  | 197.8  | 182.3  | 165.7  | 141.6  | 165.3  | 182.9  | 194.1  | 178.8  | 200.0  |
| G67.0 | 127.8  | 129.5  | 118.3  | 105.4  | 81.2   | 107.7  | 117.5  | 134.8  | 120.6  | 128.9  |
| G68.0 | 70.3   | 71.7   | 63.7   | 53.1   | 35.7   | 57.7   | 62.9   | 72.3   | 66.1   | 75.2   |
| G69.0 | 26.9   | 29.9   | 28.4   | 26.6   | 25.1   | 27.4   | 28.4   | 30.1   | 27.8   | 38.8   |
| G70.0 | 17.6   | 19.8   | 20.3   | 18.8   | 15.6   | 19.2   | 20.0   | 20.8   | 18.5   | 21.6   |
| G71.0 | 9.9    | 12.3   | 12.6   | 11.1   | 9.1    | 11.1   | 11.4   | 12.4   | 9.8    | 13.3   |
| G72.0 | 5.5    | 6.1    | 7.1    | 6.9    | 6.5    | 6.8    | 7.0    | 7.6    | 5.1    | 6.5    |
| G73.0 | 4.2    | 4.6    | 5.2    | 5.6    | 5.9    | 5.3    | 5.6    | 5.2    | 3.9    | 4.6    |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 2)

Unit: cd

| G\C    | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G74.0  | 4.5  | 4.8   | 4.8   | 5.7   | 5.4   | 5.9    | 6.3    | 5.9    | 4.1    | 4.1    |
| G75.0  | 3.5  | 4.6   | 5.1   | 5.4   | 5.5   | 5.8    | 5.9    | 5.3    | 3.7    | 4.5    |
| G76.0  | 4.1  | 4.2   | 4.9   | 4.2   | 5.1   | 5.1    | 5.3    | 5.1    | 3.5    | 3.8    |
| G77.0  | 2.6  | 3.6   | 4.5   | 4.6   | 4.9   | 4.6    | 4.9    | 5.0    | 3.3    | 4.1    |
| G78.0  | 2.5  | 3.7   | 4.4   | 4.4   | 5.6   | 4.9    | 5.2    | 5.1    | 3.3    | 3.8    |
| G79.0  | 3.4  | 3.8   | 4.3   | 5.2   | 4.3   | 4.3    | 4.9    | 5.3    | 2.0    | 3.4    |
| G80.0  | 2.5  | 3.9   | 4.1   | 4.9   | 4.4   | 4.3    | 4.5    | 4.8    | 2.8    | 3.3    |
| G81.0  | 3.1  | 3.2   | 3.9   | 4.2   | 4.2   | 4.2    | 4.5    | 4.8    | 2.2    | 3.6    |
| G82.0  | 2.3  | 3.6   | 3.5   | 3.1   | 3.1   | 4.3    | 2.6    | 3.8    | 2.4    | 2.2    |
| G83.0  | 2.9  | 2.8   | 3.4   | 3.9   | 3.9   | 3.9    | 3.3    | 4.0    | 2.0    | 2.6    |
| G84.0  | 2.4  | 3.2   | 3.5   | 2.6   | 4.0   | 3.7    | 3.2    | 3.6    | 1.9    | 2.8    |
| G85.0  | 2.2  | 2.6   | 3.0   | 3.6   | 3.5   | 3.5    | 3.8    | 3.3    | 1.8    | 2.3    |
| G86.0  | 1.9  | 2.8   | 2.2   | 3.2   | 3.3   | 3.1    | 3.5    | 3.4    | 1.4    | 2.2    |
| G87.0  | 1.6  | 1.9   | 2.5   | 2.8   | 2.0   | 3.1    | 3.1    | 3.3    | 1.3    | 2.0    |
| G88.0  | 1.3  | 2.4   | 2.2   | 2.4   | 3.1   | 2.7    | 2.8    | 3.2    | 0.9    | 2.2    |
| G89.0  | 1.1  | 1.5   | 1.6   | 2.5   | 2.4   | 1.9    | 2.8    | 2.2    | 0.0    | 1.6    |
| G90.0  | 1.1  | 1.5   | 1.9   | 2.5   | 2.3   | 1.6    | 2.2    | 2.6    | 0.0    | 1.5    |
| G91.0  | 0.8  | 1.2   | 1.8   | 2.1   | 2.1   | 2.0    | 1.9    | 2.2    | 0.0    | 0.0    |
| G92.0  | 1.0  | 1.7   | 1.7   | 1.4   | 2.2   | 2.2    | 1.9    | 1.3    | 0.0    | 1.2    |
| G93.0  | 0.0  | 1.3   | 2.0   | 2.3   | 1.8   | 2.1    | 1.8    | 1.9    | 0.0    | 0.9    |
| G94.0  | 0.0  | 1.1   | 2.1   | 2.1   | 1.8   | 2.2    | 2.1    | 1.6    | 0.0    | 0.9    |
| G95.0  | 0.0  | 0.9   | 1.2   | 1.7   | 1.9   | 2.1    | 2.3    | 1.9    | 0.0    | 0.8    |
| G96.0  | 0.0  | 0.9   | 1.4   | 1.9   | 1.8   | 1.7    | 2.4    | 1.8    | 0.0    | 0.9    |
| G97.0  | 0.0  | 1.4   | 1.1   | 2.0   | 2.0   | 1.5    | 2.0    | 1.6    | 0.0    | 0.9    |
| G98.0  | 0.0  | 1.4   | 1.8   | 1.4   | 1.9   | 2.0    | 2.2    | 2.5    | 0.0    | 0.0    |
| G99.0  | 0.8  | 1.0   | 1.4   | 1.4   | 1.4   | 2.1    | 2.3    | 1.4    | 0.0    | 0.0    |
| G100.0 | 0.0  | 1.1   | 1.9   | 2.1   | 2.1   | 2.0    | 2.0    | 2.0    | 0.0    | 0.0    |
| G101.0 | 0.0  | 1.6   | 2.0   | 1.7   | 2.1   | 2.2    | 2.2    | 1.9    | 0.0    | 0.9    |
| G102.0 | 0.0  | 1.1   | 1.8   | 1.8   | 2.4   | 2.0    | 2.2    | 1.8    | 0.0    | 1.1    |
| G103.0 | 0.0  | 0.9   | 1.6   | 2.3   | 2.0   | 2.3    | 2.4    | 1.9    | 0.0    | 0.0    |
| G104.0 | 0.0  | 1.0   | 1.8   | 2.2   | 2.5   | 2.4    | 2.2    | 2.0    | 0.0    | 1.0    |
| G105.0 | 0.0  | 1.5   | 0.0   | 2.2   | 2.2   | 1.7    | 2.5    | 1.9    | 0.0    | 0.9    |
| G106.0 | 0.9  | 1.5   | 1.7   | 1.8   | 2.0   | 2.2    | 2.4    | 2.0    | 0.0    | 0.0    |
| G107.0 | 0.9  | 1.3   | 1.8   | 1.7   | 2.5   | 2.4    | 2.2    | 2.8    | 0.0    | 0.0    |
| G108.0 | 0.9  | 1.4   | 1.8   | 2.6   | 1.9   | 2.2    | 2.7    | 1.6    | 0.0    | 0.9    |
| G109.0 | 0.9  | 1.6   | 1.6   | 2.1   | 1.5   | 2.0    | 2.6    | 2.2    | 0.9    | 1.4    |
| G110.0 | 0.0  | 1.4   | 2.1   | 2.1   | 2.4   | 2.3    | 2.0    | 1.6    | 0.0    | 1.0    |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 3)

Unit: cd

| G\C    | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G111.0 | 0.0  | 1.4   | 1.7   | 2.7   | 2.3   | 2.4    | 2.4    | 2.2    | 0.0    | 1.2    |
| G112.0 | 1.1  | 1.8   | 2.3   | 2.6   | 1.9   | 2.3    | 2.6    | 1.9    | 0.0    | 0.9    |
| G113.0 | 0.8  | 1.4   | 2.2   | 2.2   | 2.5   | 2.2    | 2.6    | 2.2    | 0.0    | 1.3    |
| G114.0 | 1.3  | 1.7   | 1.4   | 2.5   | 2.2   | 2.0    | 2.5    | 2.0    | 0.0    | 1.4    |
| G115.0 | 0.9  | 1.4   | 2.4   | 2.2   | 2.5   | 2.3    | 2.9    | 2.3    | 0.9    | 1.4    |
| G116.0 | 1.2  | 1.9   | 1.5   | 3.0   | 2.5   | 2.4    | 2.8    | 1.7    | 1.0    | 1.4    |
| G117.0 | 1.3  | 1.8   | 2.2   | 2.6   | 2.7   | 2.5    | 2.6    | 2.3    | 1.2    | 0.9    |
| G118.0 | 1.2  | 1.8   | 2.2   | 2.5   | 2.3   | 2.5    | 2.9    | 2.4    | 0.9    | 1.6    |
| G119.0 | 1.4  | 1.8   | 2.4   | 1.7   | 1.9   | 2.9    | 2.7    | 2.8    | 1.0    | 1.2    |
| G120.0 | 1.7  | 2.1   | 2.4   | 2.9   | 1.9   | 2.9    | 3.1    | 3.1    | 1.1    | 1.3    |
| G121.0 | 1.3  | 2.2   | 2.4   | 2.7   | 2.5   | 3.1    | 2.9    | 1.8    | 0.0    | 1.7    |
| G122.0 | 1.4  | 2.5   | 2.5   | 2.3   | 3.2   | 2.6    | 2.7    | 2.8    | 0.9    | 1.6    |
| G123.0 | 1.7  | 2.6   | 2.8   | 1.8   | 3.0   | 2.1    | 2.9    | 2.3    | 1.1    | 1.6    |
| G124.0 | 1.5  | 2.7   | 3.0   | 2.6   | 3.0   | 3.4    | 2.8    | 3.1    | 1.6    | 1.8    |
| G125.0 | 1.8  | 2.0   | 2.7   | 2.2   | 3.3   | 3.3    | 3.0    | 2.9    | 1.2    | 2.1    |
| G126.0 | 1.9  | 2.8   | 2.8   | 2.7   | 3.5   | 3.3    | 3.0    | 1.1    | 1.8    | 2.2    |
| G127.0 | 1.9  | 3.0   | 2.7   | 3.3   | 3.0   | 2.6    | 3.4    | 1.8    | 1.0    | 2.3    |
| G128.0 | 2.1  | 2.8   | 2.6   | 3.1   | 3.9   | 3.6    | 2.8    | 3.0    | 1.3    | 1.8    |
| G129.0 | 2.5  | 2.3   | 3.1   | 3.2   | 2.1   | 3.4    | 4.4    | 3.0    | 1.3    | 1.9    |
| G130.0 | 1.9  | 3.1   | 3.0   | 3.6   | 3.2   | 3.7    | 3.6    | 3.9    | 1.4    | 2.1    |
| G131.0 | 2.2  | 2.9   | 1.9   | 3.1   | 4.1   | 3.7    | 3.2    | 3.2    | 1.4    | 1.9    |
| G132.0 | 1.8  | 2.9   | 3.3   | 3.5   | 3.4   | 3.9    | 3.8    | 3.7    | 1.8    | 2.4    |
| G133.0 | 2.0  | 2.0   | 3.1   | 2.9   | 3.5   | 3.9    | 3.3    | 3.8    | 1.8    | 2.1    |
| G134.0 | 2.5  | 3.1   | 3.0   | 3.7   | 3.8   | 3.9    | 3.5    | 3.2    | 2.0    | 2.1    |
| G135.0 | 2.4  | 2.7   | 2.9   | 3.7   | 3.8   | 2.8    | 3.8    | 3.6    | 1.7    | 2.6    |
| G136.0 | 2.4  | 3.3   | 3.8   | 3.4   | 3.5   | 3.8    | 3.6    | 4.0    | 1.8    | 2.5    |
| G137.0 | 2.7  | 3.5   | 3.3   | 3.9   | 4.6   | 3.9    | 3.2    | 3.9    | 2.1    | 1.1    |
| G138.0 | 2.4  | 2.9   | 3.7   | 3.3   | 4.0   | 3.7    | 4.2    | 4.1    | 2.4    | 2.4    |
| G139.0 | 2.5  | 3.3   | 3.9   | 4.1   | 4.0   | 4.1    | 4.4    | 4.0    | 2.2    | 2.7    |
| G140.0 | 3.1  | 3.8   | 3.6   | 4.0   | 4.6   | 4.6    | 4.1    | 3.4    | 2.3    | 2.7    |
| G141.0 | 2.7  | 3.6   | 3.7   | 4.4   | 4.4   | 4.7    | 4.5    | 3.9    | 2.4    | 2.6    |
| G142.0 | 2.9  | 3.9   | 3.7   | 4.3   | 3.5   | 4.7    | 4.5    | 4.0    | 2.2    | 2.2    |
| G143.0 | 3.1  | 3.8   | 4.0   | 4.2   | 5.0   | 4.5    | 4.0    | 4.1    | 2.6    | 2.7    |
| G144.0 | 3.2  | 3.7   | 3.8   | 4.5   | 4.3   | 4.9    | 4.0    | 4.5    | 2.2    | 1.9    |
| G145.0 | 3.1  | 3.3   | 4.0   | 4.3   | 3.8   | 4.3    | 4.4    | 3.7    | 2.6    | 3.0    |
| G146.0 | 3.4  | 3.5   | 4.4   | 4.2   | 4.8   | 4.5    | 4.3    | 4.1    | 2.9    | 3.5    |
| G147.0 | 3.3  | 4.0   | 3.7   | 4.6   | 4.8   | 5.1    | 5.0    | 5.1    | 3.1    | 3.6    |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 4)

Unit: cd

| G\C    | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G148.0 | 3.7  | 3.9   | 4.3   | 4.6   | 5.0   | 4.5    | 4.3    | 4.6    | 3.2    | 2.5    |
| G149.0 | 3.3  | 4.3   | 4.5   | 4.9   | 4.6   | 5.1    | 4.3    | 4.6    | 1.8    | 3.5    |
| G150.0 | 2.9  | 3.9   | 4.9   | 4.6   | 5.2   | 4.4    | 5.1    | 4.7    | 3.0    | 3.8    |
| G151.0 | 3.9  | 3.6   | 3.9   | 5.1   | 5.0   | 4.2    | 4.8    | 5.1    | 3.3    | 3.7    |
| G152.0 | 3.8  | 4.0   | 5.1   | 4.1   | 5.2   | 4.9    | 5.2    | 4.5    | 2.4    | 3.8    |
| G153.0 | 3.4  | 3.7   | 4.9   | 4.9   | 5.4   | 5.2    | 4.9    | 5.1    | 3.3    | 3.9    |
| G154.0 | 3.6  | 4.5   | 3.8   | 5.1   | 5.4   | 5.7    | 4.8    | 5.1    | 2.9    | 4.2    |
| G155.0 | 3.6  | 4.6   | 4.5   | 5.4   | 5.0   | 5.4    | 3.2    | 5.4    | 3.2    | 3.3    |
| G156.0 | 3.9  | 4.6   | 4.9   | 4.6   | 5.3   | 4.9    | 5.2    | 5.3    | 2.8    | 3.9    |
| G157.0 | 4.0  | 4.5   | 5.0   | 5.2   | 4.2   | 4.2    | 3.8    | 5.2    | 3.3    | 4.1    |
| G158.0 | 3.8  | 4.1   | 4.9   | 5.2   | 5.5   | 5.1    | 5.5    | 5.3    | 3.1    | 4.1    |
| G159.0 | 4.2  | 4.8   | 5.2   | 5.2   | 5.2   | 5.1    | 5.3    | 4.9    | 3.3    | 4.1    |
| G160.0 | 4.4  | 4.1   | 5.3   | 5.1   | 4.9   | 5.5    | 5.1    | 5.4    | 3.5    | 4.1    |
| G161.0 | 4.1  | 4.6   | 5.2   | 5.0   | 5.4   | 5.4    | 5.3    | 5.2    | 3.6    | 4.2    |
| G162.0 | 3.7  | 4.7   | 5.0   | 4.9   | 5.7   | 5.8    | 5.6    | 5.3    | 3.2    | 3.8    |
| G163.0 | 3.8  | 4.5   | 5.1   | 5.0   | 5.4   | 5.4    | 5.7    | 5.5    | 3.2    | 4.2    |
| G164.0 | 4.2  | 4.5   | 5.0   | 5.3   | 5.4   | 5.6    | 5.5    | 5.8    | 3.6    | 4.4    |
| G165.0 | 4.3  | 5.1   | 5.6   | 4.9   | 5.5   | 5.1    | 5.3    | 5.7    | 3.5    | 4.0    |
| G166.0 | 4.5  | 4.8   | 5.3   | 5.0   | 5.9   | 5.4    | 5.5    | 5.3    | 3.7    | 4.0    |
| G167.0 | 4.2  | 5.2   | 5.3   | 5.2   | 5.3   | 5.1    | 5.5    | 5.8    | 3.5    | 3.5    |
| G168.0 | 4.3  | 4.0   | 5.6   | 4.2   | 5.5   | 5.8    | 5.9    | 5.4    | 3.7    | 4.8    |
| G169.0 | 4.6  | 5.0   | 5.4   | 5.5   | 5.7   | 5.9    | 5.0    | 5.7    | 4.0    | 4.8    |
| G170.0 | 4.7  | 5.0   | 5.4   | 4.8   | 5.1   | 5.8    | 5.5    | 5.5    | 4.0    | 4.6    |
| G171.0 | 4.3  | 4.7   | 5.4   | 5.4   | 4.4   | 5.9    | 5.7    | 5.8    | 3.4    | 4.1    |
| G172.0 | 4.4  | 5.1   | 5.5   | 5.8   | 5.7   | 4.7    | 5.9    | 5.4    | 4.0    | 4.6    |
| G173.0 | 4.6  | 5.2   | 5.2   | 5.7   | 5.9   | 6.1    | 5.5    | 4.9    | 3.8    | 4.4    |
| G174.0 | 4.7  | 5.1   | 5.4   | 4.5   | 5.9   | 4.5    | 6.1    | 4.7    | 4.0    | 4.0    |
| G175.0 | 3.5  | 5.0   | 5.3   | 5.6   | 5.6   | 5.8    | 5.0    | 6.0    | 4.1    | 4.7    |
| G176.0 | 4.8  | 4.7   | 5.0   | 5.4   | 6.5   | 5.9    | 5.5    | 5.8    | 3.7    | 4.2    |
| G177.0 | 4.6  | 5.2   | 5.2   | 4.6   | 5.9   | 5.8    | 5.7    | 6.2    | 4.1    | 3.7    |
| G178.0 | 4.7  | 5.0   | 5.4   | 5.5   | 5.7   | 5.5    | 5.3    | 5.6    | 4.1    | 4.1    |
| G179.0 | 4.5  | 4.6   | 5.3   | 5.4   | 5.8   | 5.3    | 5.7    | 4.8    | 4.0    | 4.9    |
| G180.0 | 4.4  | 4.6   | 5.4   | 5.3   | 5.8   | 5.4    | 5.9    | 5.8    | 3.9    | 4.4    |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:



## Candlepower Table (Continue 5)

Unit: cd

|       |        |        |        |        |        |        |        |  |  |  |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G\C   | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
| G0.0  | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 | 1806.8 |  |  |  |
| G1.0  | 1809.3 | 1810.9 | 1810.1 | 1810.8 | 1810.5 | 1811.3 | 1809.7 |  |  |  |
| G2.0  | 1811.1 | 1814.7 | 1813.3 | 1812.0 | 1811.4 | 1812.3 | 1808.9 |  |  |  |
| G3.0  | 1813.5 | 1820.8 | 1812.7 | 1810.5 | 1810.8 | 1815.1 | 1808.4 |  |  |  |
| G4.0  | 1816.6 | 1823.1 | 1816.4 | 1810.7 | 1809.7 | 1819.8 | 1809.0 |  |  |  |
| G5.0  | 1814.9 | 1821.9 | 1816.9 | 1813.7 | 1808.2 | 1817.5 | 1810.3 |  |  |  |
| G6.0  | 1814.1 | 1822.4 | 1816.1 | 1814.3 | 1807.6 | 1812.7 | 1810.9 |  |  |  |
| G7.0  | 1811.7 | 1822.5 | 1819.3 | 1808.3 | 1805.0 | 1808.2 | 1807.7 |  |  |  |
| G8.0  | 1808.7 | 1815.1 | 1817.5 | 1805.1 | 1801.9 | 1804.2 | 1804.6 |  |  |  |
| G9.0  | 1804.2 | 1810.7 | 1810.0 | 1803.5 | 1798.9 | 1799.9 | 1797.6 |  |  |  |
| G10.0 | 1797.2 | 1804.3 | 1801.2 | 1799.0 | 1792.2 | 1795.2 | 1790.3 |  |  |  |
| G11.0 | 1789.2 | 1796.9 | 1793.0 | 1797.3 | 1787.1 | 1788.1 | 1784.1 |  |  |  |
| G12.0 | 1786.0 | 1792.2 | 1787.7 | 1796.7 | 1779.4 | 1781.7 | 1776.2 |  |  |  |
| G13.0 | 1777.1 | 1785.2 | 1781.6 | 1788.5 | 1773.2 | 1776.9 | 1769.1 |  |  |  |
| G14.0 | 1768.6 | 1775.1 | 1775.0 | 1780.2 | 1765.5 | 1767.3 | 1759.5 |  |  |  |
| G15.0 | 1759.8 | 1769.7 | 1767.6 | 1772.6 | 1757.5 | 1761.9 | 1748.0 |  |  |  |
| G16.0 | 1751.8 | 1760.7 | 1758.0 | 1764.2 | 1752.4 | 1753.2 | 1738.9 |  |  |  |
| G17.0 | 1740.3 | 1751.3 | 1747.1 | 1757.2 | 1744.2 | 1741.6 | 1731.3 |  |  |  |
| G18.0 | 1730.5 | 1743.1 | 1741.5 | 1741.5 | 1736.7 | 1728.4 | 1717.1 |  |  |  |
| G19.0 | 1718.7 | 1734.2 | 1730.9 | 1731.6 | 1727.4 | 1716.1 | 1705.5 |  |  |  |
| G20.0 | 1704.0 | 1720.5 | 1720.4 | 1721.0 | 1714.1 | 1708.2 | 1695.4 |  |  |  |
| G21.0 | 1693.9 | 1708.8 | 1708.2 | 1710.1 | 1701.5 | 1699.8 | 1683.4 |  |  |  |
| G22.0 | 1675.7 | 1699.4 | 1695.2 | 1700.8 | 1694.3 | 1685.8 | 1667.0 |  |  |  |
| G23.0 | 1659.0 | 1690.0 | 1680.7 | 1688.7 | 1675.8 | 1671.2 | 1652.1 |  |  |  |
| G24.0 | 1647.6 | 1675.1 | 1669.2 | 1675.9 | 1661.1 | 1658.9 | 1637.9 |  |  |  |
| G25.0 | 1633.9 | 1656.2 | 1660.8 | 1663.1 | 1647.1 | 1645.1 | 1626.0 |  |  |  |
| G26.0 | 1622.2 | 1640.5 | 1652.9 | 1646.1 | 1630.7 | 1624.6 | 1611.8 |  |  |  |
| G27.0 | 1608.9 | 1625.9 | 1642.2 | 1627.6 | 1616.2 | 1607.4 | 1596.2 |  |  |  |
| G28.0 | 1594.2 | 1614.8 | 1631.7 | 1610.0 | 1600.9 | 1589.4 | 1578.6 |  |  |  |
| G29.0 | 1579.3 | 1603.5 | 1612.8 | 1592.4 | 1586.0 | 1573.2 | 1562.2 |  |  |  |
| G30.0 | 1563.3 | 1593.2 | 1592.9 | 1573.6 | 1567.4 | 1555.4 | 1545.8 |  |  |  |
| G31.0 | 1546.1 | 1576.1 | 1570.3 | 1557.0 | 1547.4 | 1539.2 | 1528.3 |  |  |  |
| G32.0 | 1528.2 | 1556.2 | 1552.7 | 1538.8 | 1526.3 | 1521.8 | 1511.2 |  |  |  |
| G33.0 | 1513.0 | 1538.9 | 1532.1 | 1507.4 | 1507.0 | 1501.7 | 1489.4 |  |  |  |
| G34.0 | 1495.0 | 1514.1 | 1513.5 | 1483.4 | 1484.1 | 1479.3 | 1461.2 |  |  |  |
| G35.0 | 1470.6 | 1484.9 | 1489.7 | 1457.1 | 1460.0 | 1451.8 | 1430.5 |  |  |  |
| G36.0 | 1445.4 | 1451.8 | 1463.2 | 1435.0 | 1431.2 | 1422.4 | 1402.5 |  |  |  |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

### Candlepower Table (Continue 6)

Unit: cd

|       |        |        |        |        |        |        |        |  |  |  |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G\C   | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
| G37.0 | 1410.8 | 1426.3 | 1431.3 | 1411.1 | 1396.3 | 1392.3 | 1370.7 |  |  |  |
| G38.0 | 1378.1 | 1393.6 | 1400.1 | 1383.3 | 1357.7 | 1359.5 | 1336.2 |  |  |  |
| G39.0 | 1344.0 | 1361.2 | 1365.5 | 1353.4 | 1320.6 | 1320.0 | 1305.4 |  |  |  |
| G40.0 | 1310.5 | 1321.1 | 1330.8 | 1324.5 | 1285.5 | 1282.0 | 1276.1 |  |  |  |
| G41.0 | 1274.7 | 1277.0 | 1293.3 | 1294.6 | 1255.1 | 1246.3 | 1245.4 |  |  |  |
| G42.0 | 1242.5 | 1240.5 | 1256.5 | 1266.1 | 1224.7 | 1211.9 | 1212.4 |  |  |  |
| G43.0 | 1208.9 | 1206.8 | 1224.8 | 1232.4 | 1196.3 | 1184.4 | 1182.3 |  |  |  |
| G44.0 | 1178.0 | 1178.2 | 1188.6 | 1201.3 | 1167.1 | 1152.3 | 1149.9 |  |  |  |
| G45.0 | 1147.1 | 1149.5 | 1153.0 | 1167.7 | 1136.8 | 1123.4 | 1115.6 |  |  |  |
| G46.0 | 1116.9 | 1124.4 | 1121.6 | 1136.1 | 1106.1 | 1093.2 | 1082.7 |  |  |  |
| G47.0 | 1081.0 | 1096.8 | 1093.2 | 1102.1 | 1083.5 | 1066.1 | 1052.6 |  |  |  |
| G48.0 | 1055.1 | 1068.4 | 1066.3 | 1068.1 | 1051.7 | 1036.8 | 1020.5 |  |  |  |
| G49.0 | 1027.0 | 1039.0 | 1036.7 | 1039.3 | 1023.3 | 1009.2 | 993.5  |  |  |  |
| G50.0 | 996.8  | 1005.7 | 1011.2 | 1012.7 | 995.0  | 976.7  | 962.1  |  |  |  |
| G51.0 | 965.3  | 975.6  | 982.5  | 986.4  | 965.1  | 945.4  | 931.1  |  |  |  |
| G52.0 | 937.0  | 946.9  | 955.3  | 954.5  | 936.4  | 914.7  | 905.2  |  |  |  |
| G53.0 | 903.6  | 913.6  | 921.7  | 924.2  | 911.2  | 889.5  | 880.9  |  |  |  |
| G54.0 | 876.2  | 887.5  | 896.8  | 889.3  | 886.3  | 862.5  | 854.3  |  |  |  |
| G55.0 | 848.9  | 862.7  | 869.6  | 864.4  | 854.0  | 831.7  | 829.9  |  |  |  |
| G56.0 | 817.5  | 835.4  | 837.6  | 829.5  | 818.8  | 798.2  | 805.1  |  |  |  |
| G57.0 | 785.5  | 804.6  | 780.4  | 761.0  | 745.7  | 728.9  | 760.7  |  |  |  |
| G58.0 | 714.4  | 734.7  | 717.5  | 710.8  | 682.3  | 669.0  | 691.4  |  |  |  |
| G59.0 | 660.4  | 674.4  | 653.9  | 642.4  | 618.1  | 610.0  | 640.8  |  |  |  |
| G60.0 | 586.9  | 597.4  | 578.4  | 567.4  | 542.1  | 527.4  | 556.1  |  |  |  |
| G61.0 | 513.8  | 521.7  | 515.6  | 490.5  | 485.9  | 474.1  | 487.6  |  |  |  |
| G62.0 | 441.8  | 458.8  | 445.6  | 427.6  | 428.3  | 416.0  | 420.4  |  |  |  |
| G63.0 | 386.3  | 386.5  | 385.7  | 374.8  | 366.3  | 350.3  | 363.7  |  |  |  |
| G64.0 | 333.4  | 325.3  | 318.3  | 316.1  | 298.7  | 293.5  | 311.0  |  |  |  |
| G65.0 | 261.9  | 275.2  | 265.5  | 254.7  | 238.0  | 235.5  | 249.7  |  |  |  |
| G66.0 | 211.9  | 217.6  | 205.2  | 189.0  | 174.1  | 166.1  | 195.3  |  |  |  |
| G67.0 | 143.9  | 151.7  | 138.2  | 121.8  | 113.4  | 109.3  | 127.8  |  |  |  |
| G68.0 | 94.3   | 91.8   | 74.5   | 69.0   | 65.3   | 57.9   | 70.3   |  |  |  |
| G69.0 | 45.0   | 48.1   | 31.8   | 28.2   | 25.2   | 23.9   | 26.9   |  |  |  |
| G70.0 | 23.9   | 25.1   | 21.6   | 19.6   | 17.5   | 16.3   | 17.6   |  |  |  |
| G71.0 | 15.9   | 16.0   | 12.1   | 11.6   | 10.4   | 9.3    | 9.9    |  |  |  |
| G72.0 | 8.0    | 8.4    | 7.1    | 7.0    | 6.1    | 6.0    | 5.5    |  |  |  |
| G73.0 | 5.1    | 4.7    | 5.7    | 5.8    | 5.6    | 5.8    | 4.2    |  |  |  |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 7)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0  | 5.2    | 5.6    | 5.4    | 5.2    | 5.3    | 5.7    | 4.5    |  |  |  |
| G75.0  | 4.3    | 5.2    | 5.4    | 5.2    | 5.2    | 5.1    | 3.5    |  |  |  |
| G76.0  | 4.0    | 5.0    | 4.6    | 4.5    | 4.8    | 5.0    | 4.1    |  |  |  |
| G77.0  | 4.1    | 4.7    | 4.7    | 4.8    | 4.9    | 4.7    | 2.6    |  |  |  |
| G78.0  | 3.5    | 4.0    | 4.7    | 4.4    | 4.9    | 4.1    | 2.5    |  |  |  |
| G79.0  | 4.2    | 3.7    | 3.6    | 4.5    | 3.8    | 4.3    | 3.4    |  |  |  |
| G80.0  | 3.8    | 4.5    | 4.0    | 4.3    | 4.5    | 3.9    | 2.5    |  |  |  |
| G81.0  | 3.1    | 2.8    | 3.2    | 4.4    | 3.2    | 4.0    | 3.1    |  |  |  |
| G82.0  | 3.4    | 3.1    | 4.1    | 4.0    | 3.4    | 4.1    | 2.3    |  |  |  |
| G83.0  | 3.0    | 3.4    | 3.1    | 3.9    | 3.7    | 3.5    | 2.9    |  |  |  |
| G84.0  | 2.9    | 3.2    | 2.8    | 3.0    | 3.6    | 2.9    | 2.4    |  |  |  |
| G85.0  | 3.1    | 3.0    | 3.9    | 2.9    | 3.4    | 3.4    | 2.2    |  |  |  |
| G86.0  | 2.8    | 2.4    | 2.9    | 3.3    | 2.6    | 3.2    | 1.9    |  |  |  |
| G87.0  | 2.4    | 2.5    | 3.0    | 2.9    | 2.8    | 3.0    | 1.6    |  |  |  |
| G88.0  | 1.9    | 2.8    | 2.6    | 2.2    | 2.7    | 2.8    | 1.3    |  |  |  |
| G89.0  | 1.3    | 2.6    | 2.9    | 2.5    | 2.3    | 2.5    | 1.1    |  |  |  |
| G90.0  | 1.8    | 2.0    | 1.6    | 2.1    | 2.1    | 2.4    | 1.1    |  |  |  |
| G91.0  | 1.7    | 2.1    | 1.8    | 2.3    | 1.7    | 2.1    | 0.8    |  |  |  |
| G92.0  | 1.4    | 1.3    | 1.9    | 2.4    | 2.4    | 2.2    | 1.0    |  |  |  |
| G93.0  | 1.6    | 1.7    | 1.9    | 2.2    | 2.0    | 2.0    | 0.0    |  |  |  |
| G94.0  | 1.0    | 1.9    | 2.3    | 1.8    | 2.4    | 1.8    | 0.0    |  |  |  |
| G95.0  | 1.7    | 1.9    | 2.3    | 2.4    | 1.9    | 2.2    | 0.0    |  |  |  |
| G96.0  | 1.4    | 1.4    | 2.0    | 2.2    | 1.8    | 1.7    | 0.0    |  |  |  |
| G97.0  | 1.4    | 2.0    | 2.3    | 2.1    | 2.0    | 2.2    | 0.0    |  |  |  |
| G98.0  | 1.5    | 1.9    | 2.1    | 1.9    | 2.2    | 1.6    | 0.0    |  |  |  |
| G99.0  | 1.1    | 1.6    | 2.1    | 2.4    | 2.2    | 2.4    | 0.8    |  |  |  |
| G100.0 | 1.3    | 1.6    | 2.5    | 2.4    | 1.0    | 2.6    | 0.0    |  |  |  |
| G101.0 | 1.5    | 1.3    | 1.5    | 1.7    | 1.7    | 2.3    | 0.0    |  |  |  |
| G102.0 | 1.7    | 1.7    | 1.9    | 2.3    | 1.8    | 2.2    | 0.0    |  |  |  |
| G103.0 | 1.3    | 1.6    | 1.8    | 2.4    | 2.0    | 2.4    | 0.0    |  |  |  |
| G104.0 | 1.5    | 2.1    | 1.9    | 1.8    | 2.1    | 2.1    | 0.0    |  |  |  |
| G105.0 | 1.7    | 1.5    | 1.6    | 2.2    | 2.0    | 2.5    | 0.0    |  |  |  |
| G106.0 | 2.0    | 1.8    | 1.6    | 2.1    | 2.4    | 2.1    | 0.9    |  |  |  |
| G107.0 | 1.5    | 1.7    | 2.1    | 2.0    | 2.1    | 2.0    | 0.9    |  |  |  |
| G108.0 | 1.8    | 1.7    | 2.1    | 2.2    | 2.0    | 2.1    | 0.9    |  |  |  |
| G109.0 | 1.8    | 2.1    | 2.4    | 2.2    | 2.2    | 2.3    | 0.9    |  |  |  |
| G110.0 | 1.6    | 1.9    | 1.9    | 2.0    | 1.6    | 2.5    | 0.0    |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 8)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 1.5    | 2.1    | 1.8    | 1.6    | 2.0    | 2.6    | 0.0    |  |  |  |
| G112.0 | 2.1    | 1.7    | 2.1    | 2.8    | 2.0    | 1.8    | 1.1    |  |  |  |
| G113.0 | 1.8    | 1.1    | 2.4    | 2.4    | 2.2    | 1.9    | 0.8    |  |  |  |
| G114.0 | 1.6    | 2.2    | 1.7    | 2.5    | 2.3    | 1.2    | 1.3    |  |  |  |
| G115.0 | 2.2    | 2.3    | 1.9    | 2.4    | 2.4    | 2.8    | 0.9    |  |  |  |
| G116.0 | 2.0    | 2.0    | 2.5    | 2.6    | 2.2    | 2.3    | 1.2    |  |  |  |
| G117.0 | 1.9    | 2.3    | 2.7    | 2.6    | 2.5    | 2.7    | 1.3    |  |  |  |
| G118.0 | 1.9    | 2.0    | 2.3    | 2.7    | 2.6    | 2.7    | 1.2    |  |  |  |
| G119.0 | 2.2    | 2.4    | 2.5    | 2.1    | 2.6    | 2.6    | 1.4    |  |  |  |
| G120.0 | 1.7    | 2.6    | 2.3    | 2.7    | 2.6    | 3.1    | 1.7    |  |  |  |
| G121.0 | 2.7    | 2.9    | 2.7    | 2.7    | 2.5    | 3.4    | 1.3    |  |  |  |
| G122.0 | 2.3    | 2.7    | 2.9    | 2.9    | 2.9    | 2.9    | 1.4    |  |  |  |
| G123.0 | 2.6    | 2.4    | 3.1    | 2.6    | 2.8    | 3.3    | 1.7    |  |  |  |
| G124.0 | 2.6    | 2.9    | 3.1    | 2.9    | 2.7    | 3.2    | 1.5    |  |  |  |
| G125.0 | 2.6    | 2.6    | 3.0    | 3.2    | 2.6    | 2.6    | 1.8    |  |  |  |
| G126.0 | 2.5    | 2.8    | 2.6    | 3.1    | 2.3    | 3.3    | 1.9    |  |  |  |
| G127.0 | 2.2    | 3.1    | 3.1    | 3.0    | 3.0    | 3.7    | 1.9    |  |  |  |
| G128.0 | 2.4    | 2.8    | 3.1    | 2.6    | 3.3    | 3.4    | 2.1    |  |  |  |
| G129.0 | 2.3    | 3.2    | 3.1    | 3.2    | 3.3    | 3.4    | 2.5    |  |  |  |
| G130.0 | 2.7    | 2.9    | 3.4    | 3.6    | 3.2    | 4.0    | 1.9    |  |  |  |
| G131.0 | 2.4    | 3.0    | 2.9    | 3.4    | 3.6    | 3.4    | 2.2    |  |  |  |
| G132.0 | 2.4    | 3.2    | 3.8    | 3.3    | 3.7    | 3.9    | 1.8    |  |  |  |
| G133.0 | 2.5    | 2.9    | 3.7    | 3.1    | 3.5    | 3.4    | 2.0    |  |  |  |
| G134.0 | 3.1    | 2.9    | 3.5    | 4.0    | 3.4    | 3.9    | 2.5    |  |  |  |
| G135.0 | 3.1    | 3.2    | 3.3    | 3.0    | 3.7    | 3.9    | 2.4    |  |  |  |
| G136.0 | 3.1    | 2.8    | 3.6    | 3.9    | 3.6    | 4.0    | 2.4    |  |  |  |
| G137.0 | 3.2    | 3.8    | 3.2    | 4.1    | 4.1    | 4.1    | 2.7    |  |  |  |
| G138.0 | 3.6    | 2.7    | 4.1    | 4.0    | 3.6    | 4.1    | 2.4    |  |  |  |
| G139.0 | 3.7    | 3.5    | 4.3    | 3.8    | 4.1    | 4.1    | 2.5    |  |  |  |
| G140.0 | 3.5    | 2.5    | 3.8    | 3.6    | 4.0    | 4.3    | 3.1    |  |  |  |
| G141.0 | 3.3    | 3.5    | 3.3    | 4.3    | 4.0    | 4.6    | 2.7    |  |  |  |
| G142.0 | 3.4    | 3.8    | 4.4    | 3.9    | 4.2    | 4.4    | 2.9    |  |  |  |
| G143.0 | 3.7    | 4.1    | 4.1    | 4.3    | 3.4    | 4.6    | 3.1    |  |  |  |
| G144.0 | 3.6    | 4.2    | 3.6    | 3.9    | 4.7    | 4.4    | 3.2    |  |  |  |
| G145.0 | 3.3    | 4.4    | 4.5    | 4.7    | 4.7    | 4.6    | 3.1    |  |  |  |
| G146.0 | 3.5    | 4.4    | 3.9    | 4.5    | 4.6    | 4.4    | 3.4    |  |  |  |
| G147.0 | 3.7    | 4.7    | 4.7    | 4.3    | 4.4    | 4.9    | 3.3    |  |  |  |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 26.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 9)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G148.0 | 4.3    | 4.2    | 4.7    | 5.0    | 4.4    | 5.2    | 3.7    |  |  |  |
| G149.0 | 4.3    | 4.0    | 4.7    | 4.8    | 4.9    | 5.3    | 3.3    |  |  |  |
| G150.0 | 3.7    | 4.3    | 4.8    | 5.2    | 4.1    | 5.4    | 2.9    |  |  |  |
| G151.0 | 3.6    | 4.9    | 4.0    | 5.2    | 4.8    | 4.7    | 3.9    |  |  |  |
| G152.0 | 4.1    | 5.0    | 5.0    | 3.8    | 4.7    | 5.2    | 3.8    |  |  |  |
| G153.0 | 4.5    | 4.8    | 5.1    | 3.5    | 5.0    | 4.4    | 3.4    |  |  |  |
| G154.0 | 4.8    | 4.9    | 4.8    | 5.2    | 4.9    | 5.5    | 3.6    |  |  |  |
| G155.0 | 4.8    | 3.4    | 4.7    | 4.7    | 5.2    | 5.6    | 3.6    |  |  |  |
| G156.0 | 4.6    | 4.6    | 4.7    | 4.6    | 4.8    | 4.7    | 3.9    |  |  |  |
| G157.0 | 4.3    | 4.6    | 4.3    | 4.4    | 5.1    | 5.7    | 4.0    |  |  |  |
| G158.0 | 4.5    | 5.2    | 5.2    | 5.5    | 5.5    | 5.8    | 3.8    |  |  |  |
| G159.0 | 4.5    | 4.2    | 5.1    | 5.9    | 5.6    | 5.1    | 4.2    |  |  |  |
| G160.0 | 4.5    | 5.1    | 5.1    | 5.1    | 5.4    | 5.6    | 4.4    |  |  |  |
| G161.0 | 4.9    | 4.6    | 3.5    | 5.5    | 5.5    | 5.7    | 4.1    |  |  |  |
| G162.0 | 4.4    | 5.0    | 4.8    | 5.2    | 5.1    | 5.4    | 3.7    |  |  |  |
| G163.0 | 4.9    | 4.9    | 5.5    | 5.7    | 5.7    | 5.9    | 3.8    |  |  |  |
| G164.0 | 5.0    | 5.2    | 5.3    | 5.3    | 5.4    | 5.8    | 4.2    |  |  |  |
| G165.0 | 5.2    | 5.1    | 5.2    | 5.7    | 5.7    | 5.7    | 4.3    |  |  |  |
| G166.0 | 4.8    | 4.8    | 5.5    | 4.9    | 5.9    | 5.9    | 4.5    |  |  |  |
| G167.0 | 5.0    | 5.1    | 5.8    | 5.7    | 4.5    | 5.7    | 4.2    |  |  |  |
| G168.0 | 5.4    | 5.7    | 4.3    | 4.9    | 6.2    | 5.4    | 4.3    |  |  |  |
| G169.0 | 4.9    | 5.3    | 5.6    | 4.8    | 6.1    | 5.7    | 4.6    |  |  |  |
| G170.0 | 5.7    | 5.1    | 5.9    | 6.1    | 5.8    | 4.8    | 4.7    |  |  |  |
| G171.0 | 5.4    | 5.8    | 5.2    | 5.9    | 6.6    | 6.2    | 4.3    |  |  |  |
| G172.0 | 4.7    | 5.5    | 5.6    | 5.2    | 5.3    | 5.7    | 4.4    |  |  |  |
| G173.0 | 5.4    | 5.7    | 5.6    | 5.7    | 6.1    | 6.4    | 4.6    |  |  |  |
| G174.0 | 4.9    | 5.4    | 5.6    | 4.9    | 6.0    | 4.9    | 4.7    |  |  |  |
| G175.0 | 4.5    | 5.4    | 5.9    | 5.6    | 5.4    | 5.8    | 3.5    |  |  |  |
| G176.0 | 4.7    | 5.7    | 5.5    | 5.8    | 5.8    | 6.0    | 4.8    |  |  |  |
| G177.0 | 5.2    | 5.4    | 5.4    | 4.7    | 5.8    | 5.7    | 4.6    |  |  |  |
| G178.0 | 5.0    | 5.6    | 5.6    | 6.2    | 5.5    | 5.0    | 4.7    |  |  |  |
| G179.0 | 5.2    | 3.9    | 5.7    | 4.9    | 5.8    | 6.1    | 4.5    |  |  |  |
| G180.0 | 4.6    | 5.4    | 5.3    | 5.8    | 5.4    | 5.9    | 4.4    |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 26.1 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector: