

Report No.:

Test Time: 2022-5-17 22:46

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.135 A

Power Factor: 0.929

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 34.74 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4568.6 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 1790.76 cd

Pos of Max. Intensity: H270 V2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.1, 103.8, 112.4, 111.6

Longitudinal Classification: Very Short

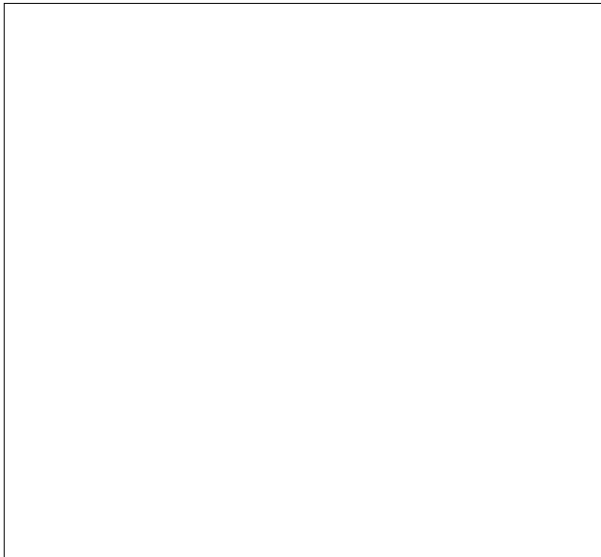
Measurement Flux: 4568.6 lm

Downward Ratio: 100%

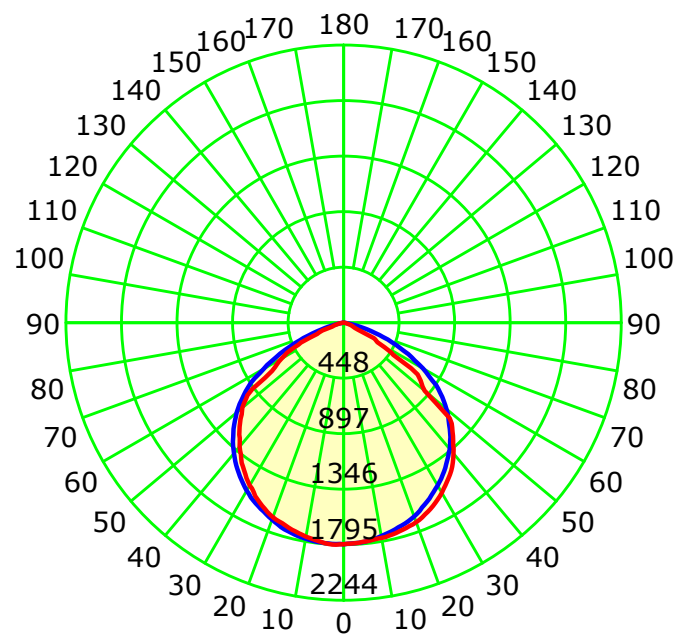
Luminaire Efficacy Rating (LER): 131.56

Max. Intensity: 1795.88 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 108.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

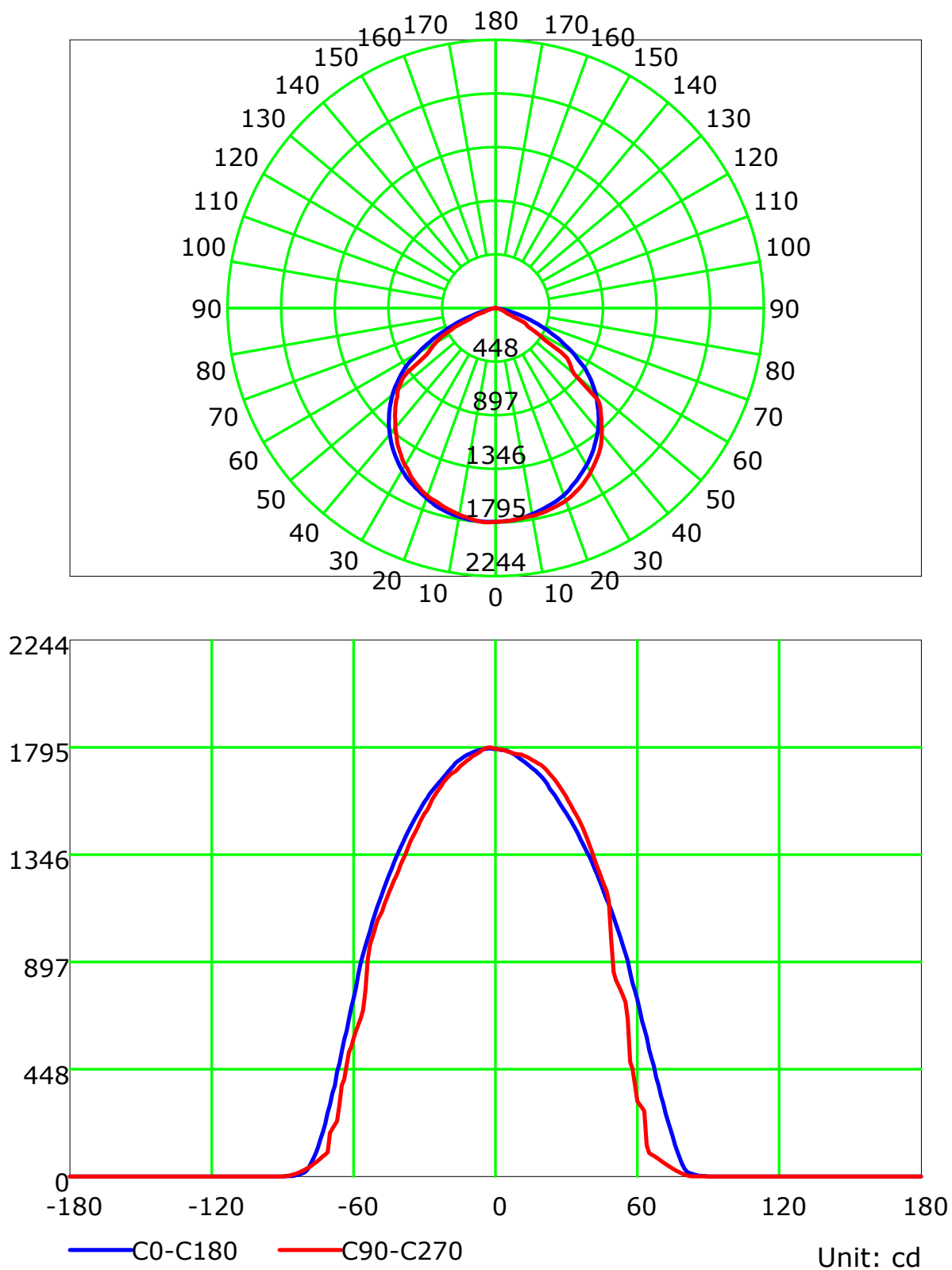
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

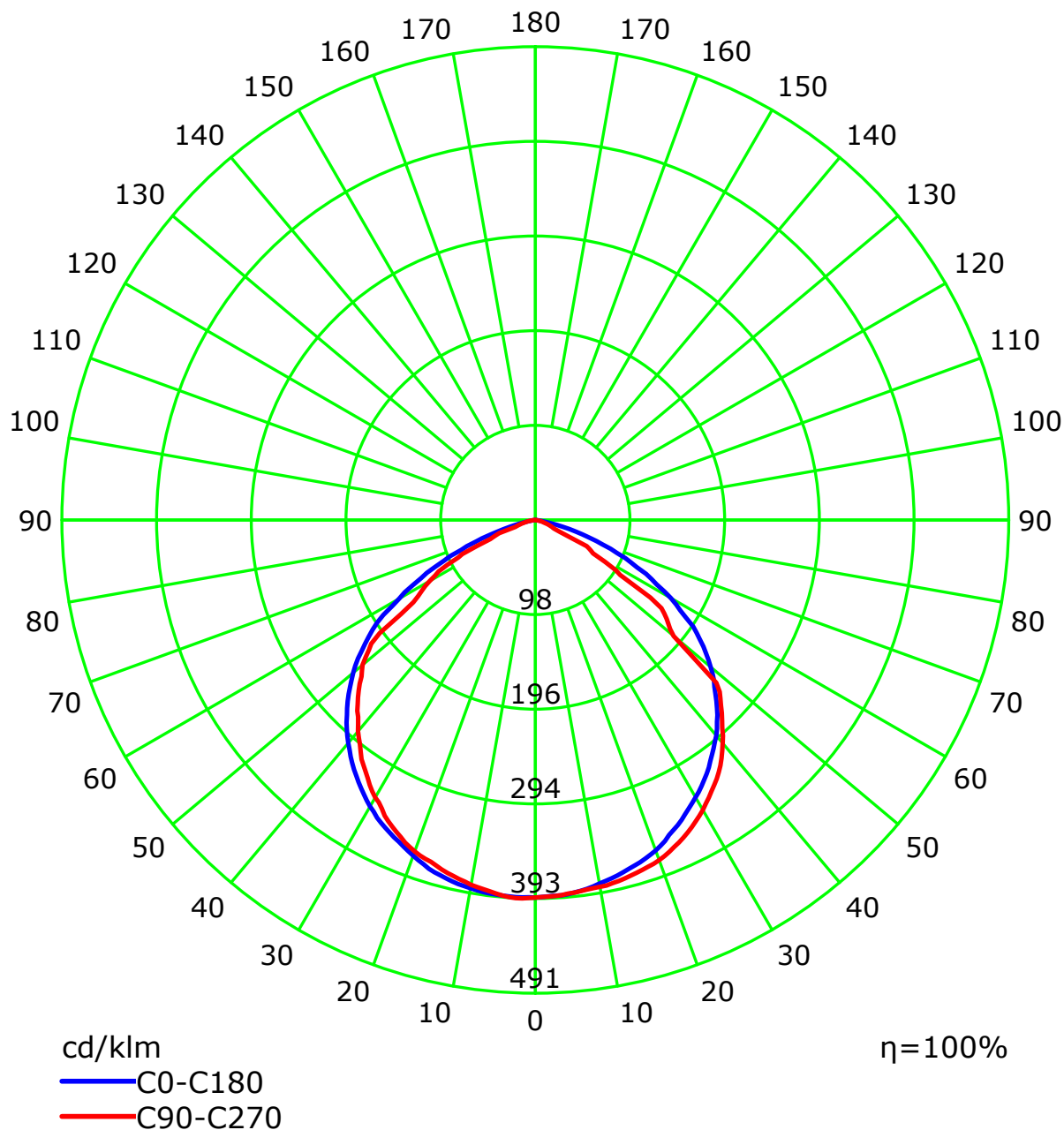
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

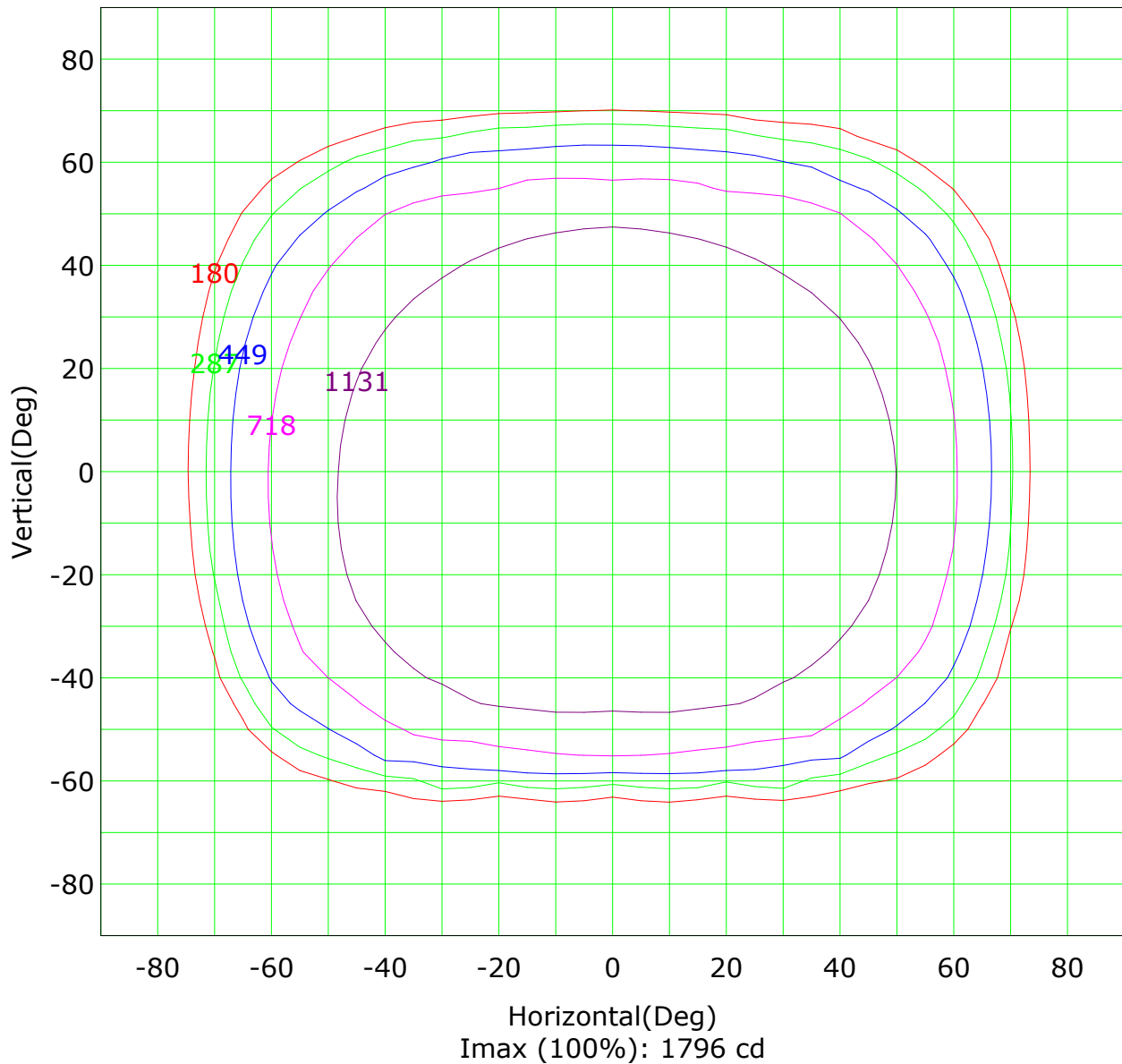
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)

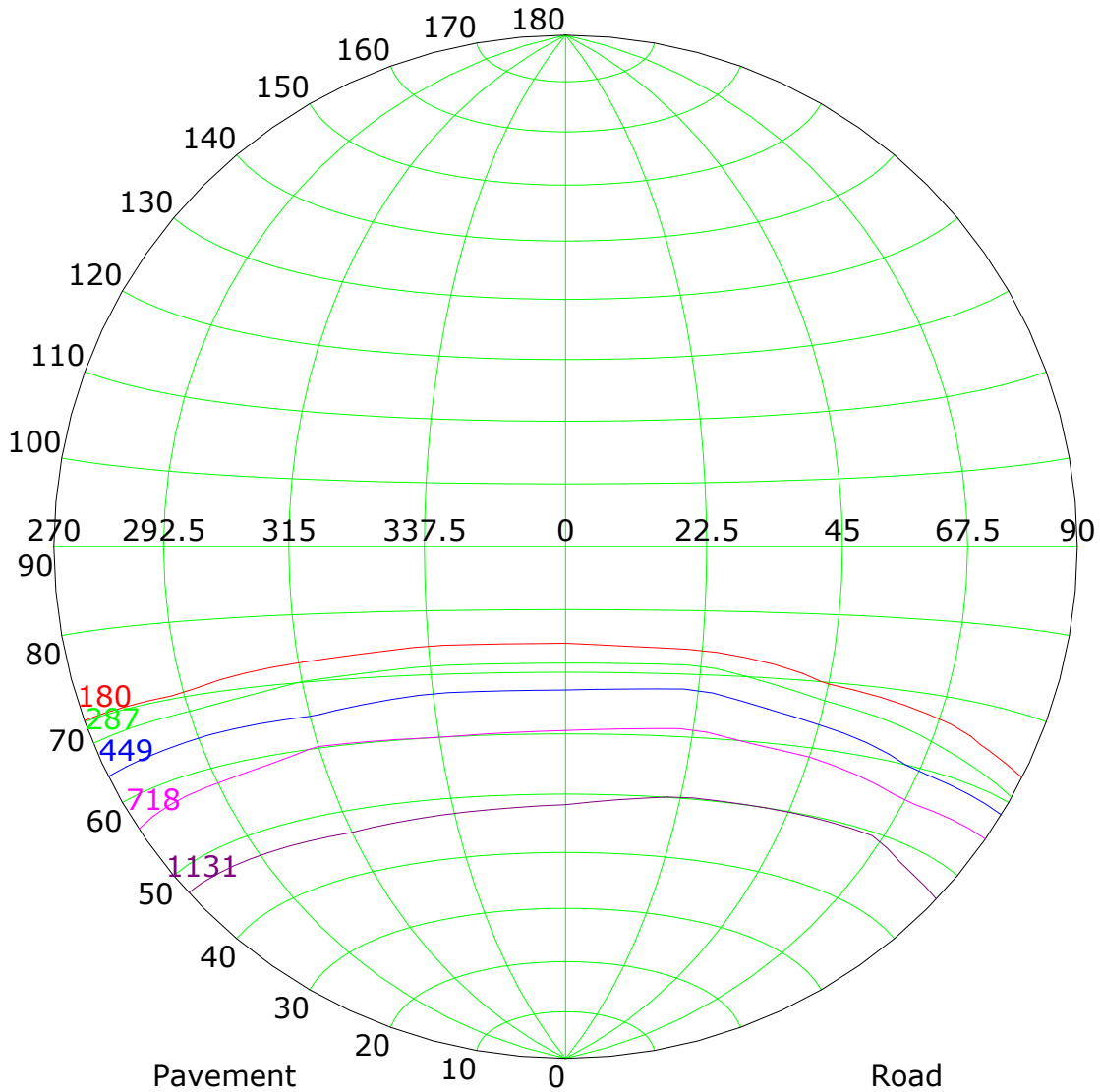


| | |
|-----------------|-----------------|
| (10%): 180 cd | (16%): 287 cd |
| (25%): 449 cd | (40%): 718 cd |
| (63%): 1131 cd | (100%): 1796 cd |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 1796 cd

(10%): 180 cd
(25%): 449 cd
(63%): 1131 cd

(16%): 287 cd
(40%): 718 cd
(100%): 1796 cd

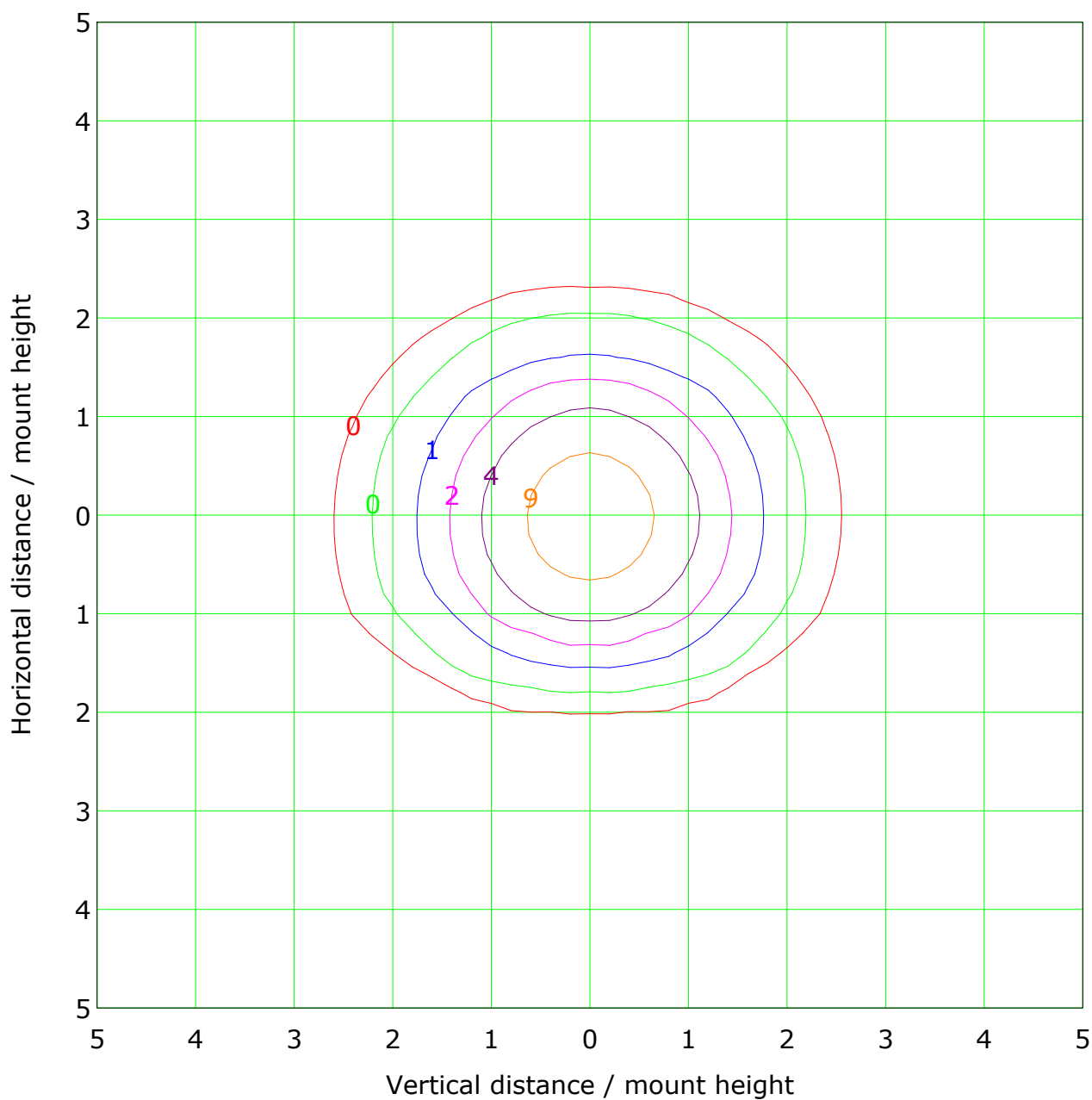
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 7.516 cd/klm
Max.80-90: 7.516 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



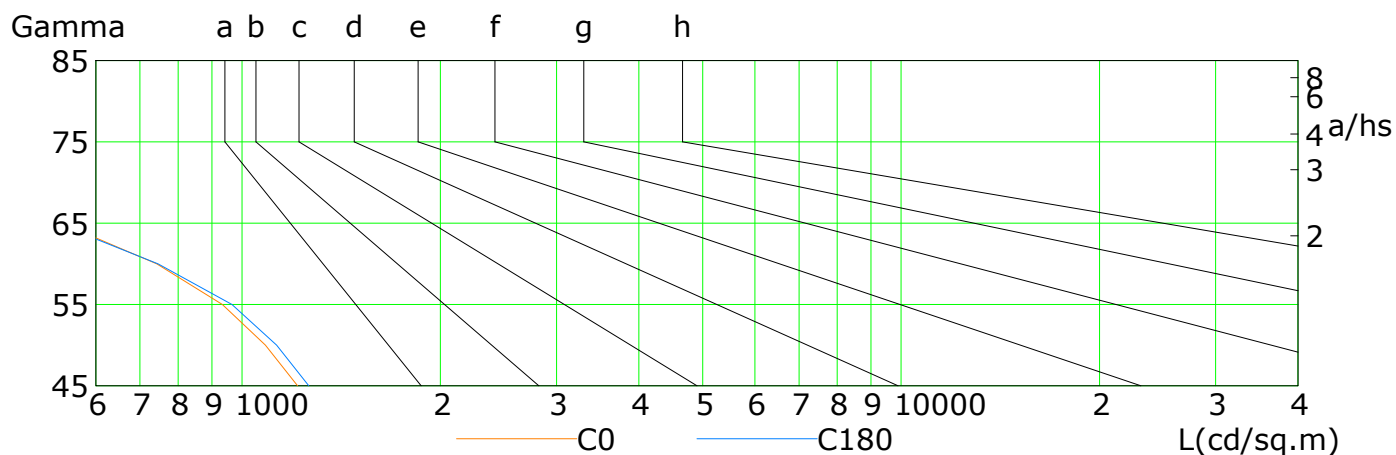
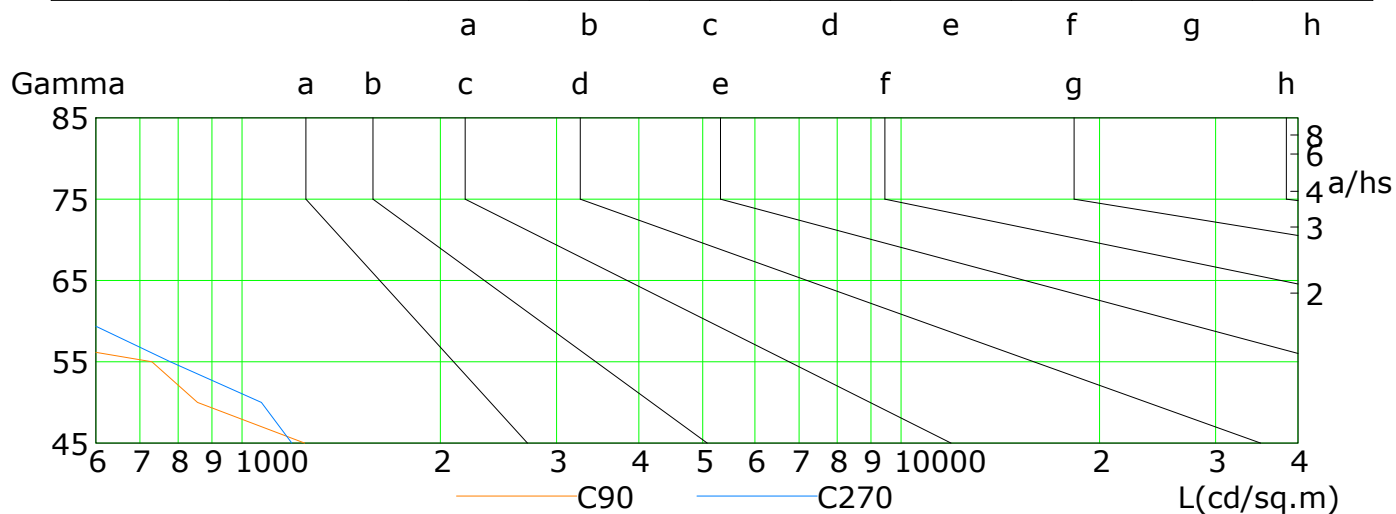
| | | | |
|------------------------|---------|------------------------|--------|
| Mounting Height: 10.0m | | Max Lux(100%): 17.9 lx | |
| (1%): | 0.2 lx | (2%): | 0.4 lx |
| (5%): | 0.9 lx | (10%): | 1.8 lx |
| (20%): | 3.6 lx | (50%): | 9.0 lx |
| (100%): | 17.9 lx | | |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| 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 |



| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|------|------|-----|-----|-----|-----|-----|-----|-----|
| C0 | 1214 | 1085 | 934 | 742 | 532 | 338 | 167 | 33 | 6 |
| C90 | 1245 | 856 | 730 | 316 | 99 | 66 | 33 | 8 | 1 |
| C180 | 1262 | 1128 | 965 | 746 | 523 | 301 | 124 | 24 | 4 |
| C270 | 1190 | 1070 | 778 | 578 | 382 | 183 | 67 | 33 | 10 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

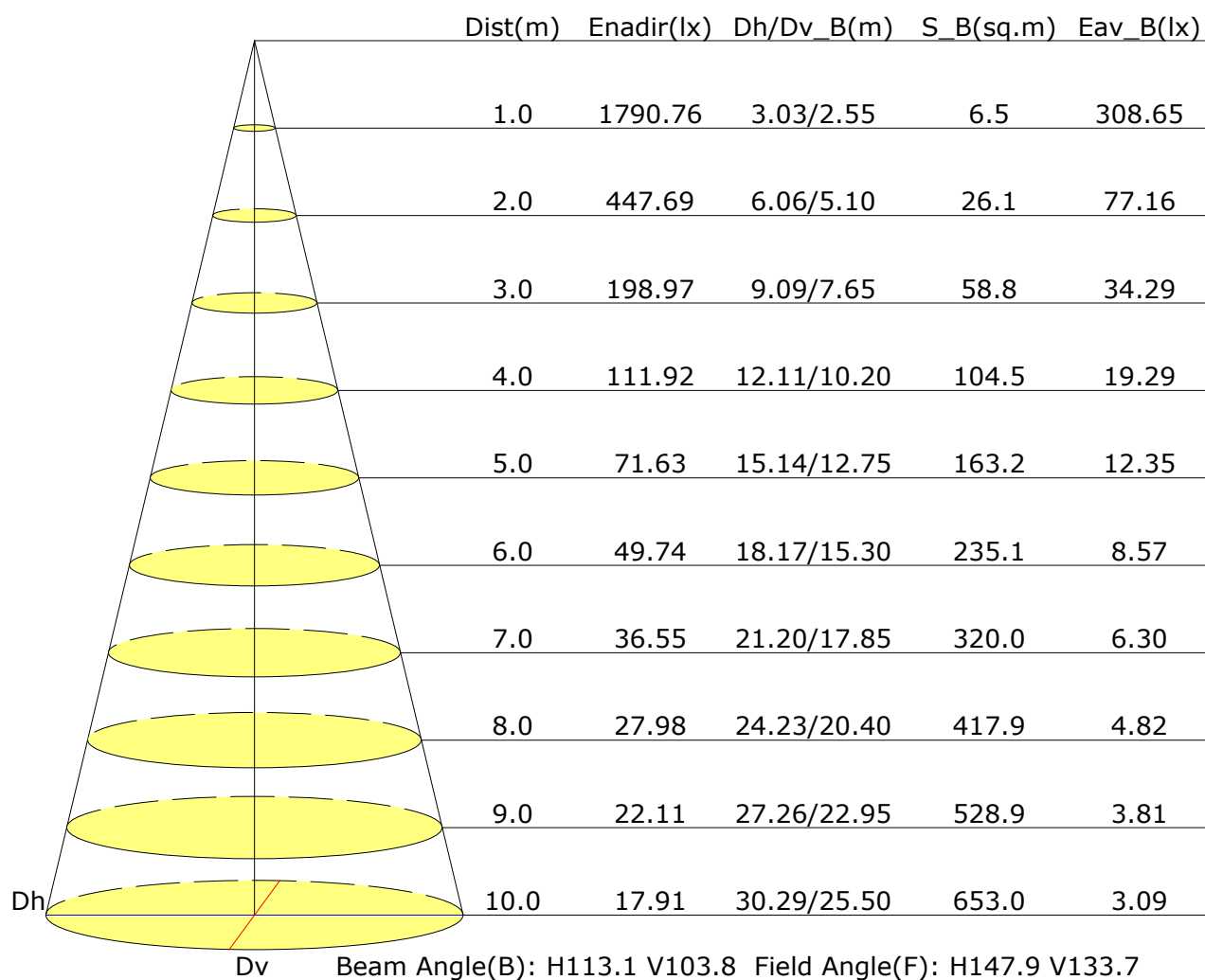
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

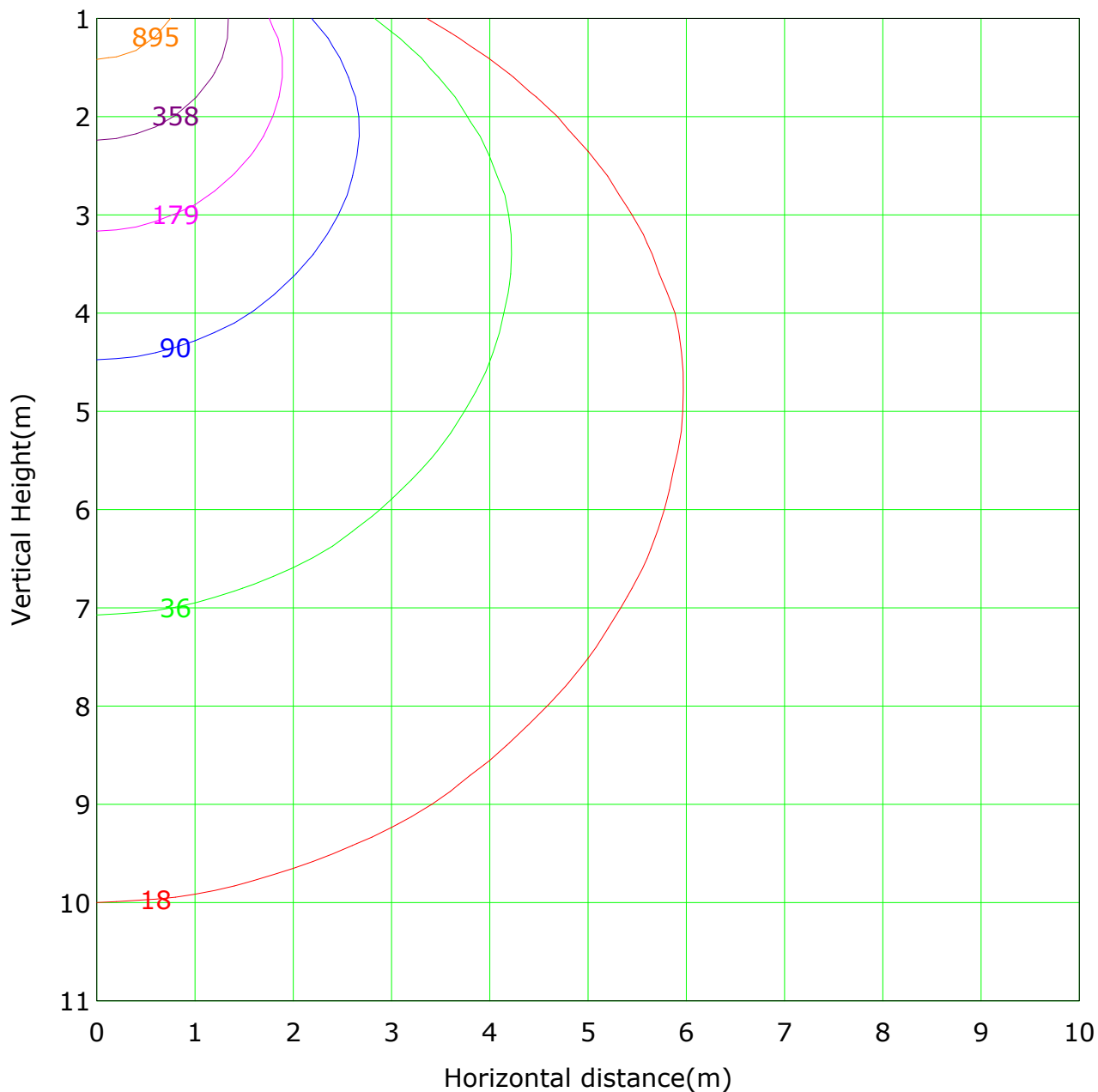
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



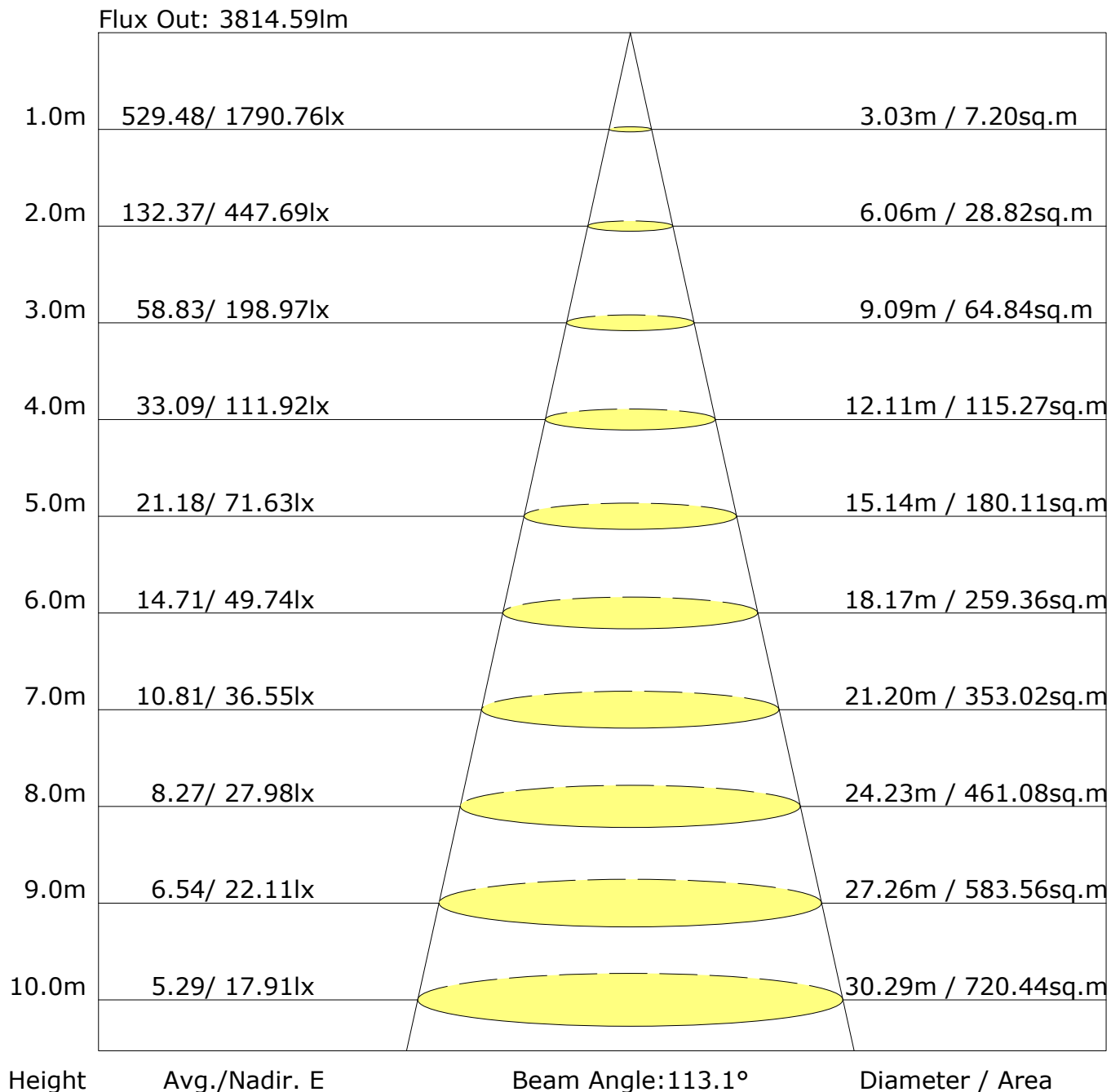
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1790.8 lx

| | |
|------------------|------------------|
| (1%): 17.9 lx | (2%): 35.8 lx |
| (5%): 89.5 lx | (10%): 179.1 lx |
| (20%): 358.2 lx | (50%): 895.4 lx |
| (100%):1790.8 lx | |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

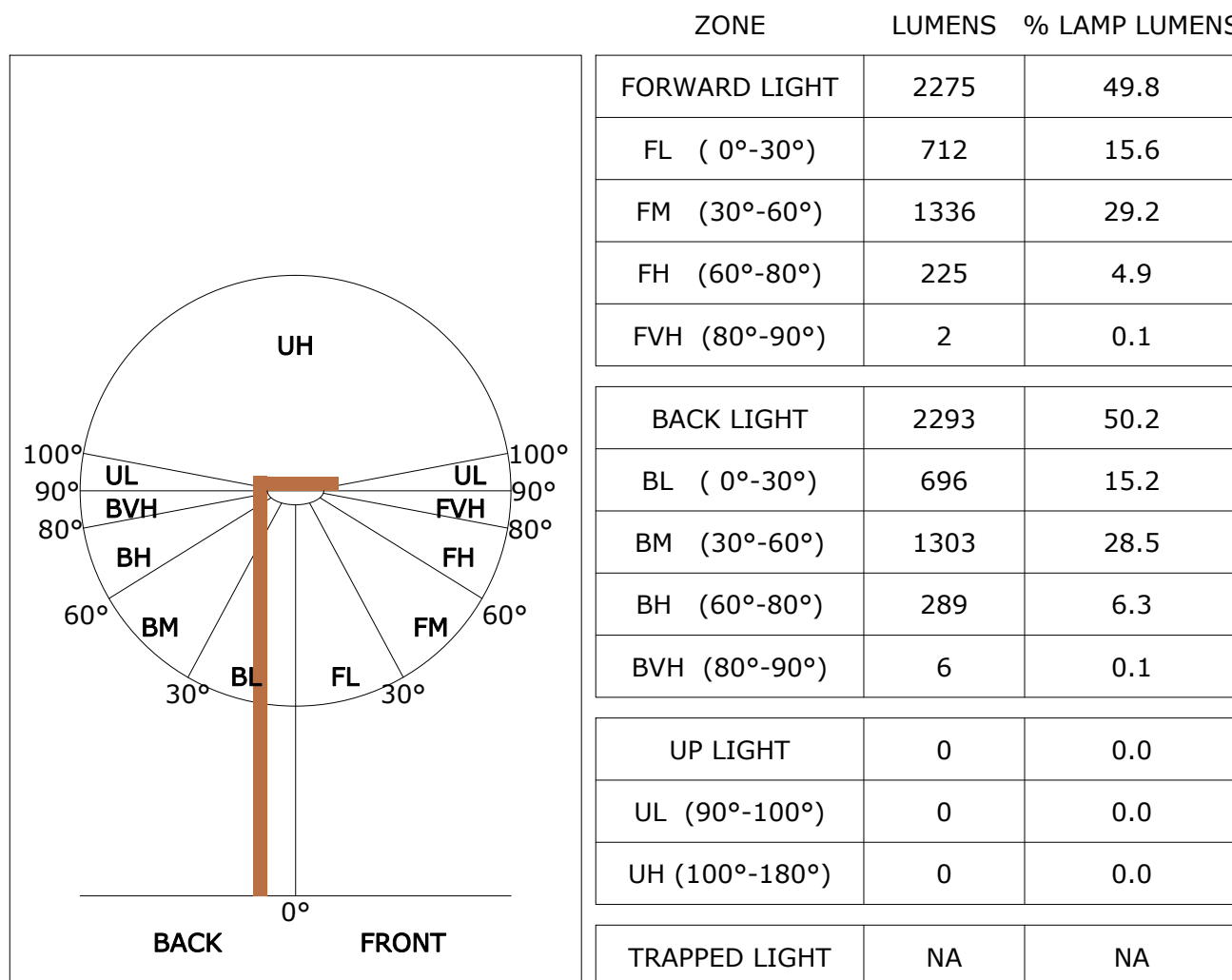
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 'C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B2 U0 G1 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B2 U0 G0 |

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 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 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 |
| G1.0 | 1788.2 | 1792.3 | 1792.7 | 1792.5 | 1788.2 | 1791.9 | 1792.5 | 1789.9 | 1789.5 | 1786.2 |
| G2.0 | 1786.0 | 1792.0 | 1792.8 | 1792.1 | 1787.5 | 1792.1 | 1791.4 | 1789.6 | 1791.5 | 1786.1 |
| G3.0 | 1784.6 | 1792.1 | 1793.2 | 1793.3 | 1786.0 | 1791.9 | 1788.9 | 1789.2 | 1791.3 | 1783.6 |
| G4.0 | 1784.2 | 1788.3 | 1791.7 | 1791.8 | 1783.6 | 1791.5 | 1787.7 | 1790.4 | 1789.9 | 1779.2 |
| G5.0 | 1781.5 | 1786.9 | 1789.7 | 1789.7 | 1779.0 | 1791.5 | 1788.1 | 1790.4 | 1788.5 | 1774.6 |
| G6.0 | 1776.6 | 1783.9 | 1790.3 | 1786.7 | 1777.4 | 1793.3 | 1787.4 | 1789.2 | 1785.8 | 1772.0 |
| G7.0 | 1772.1 | 1782.0 | 1787.2 | 1783.0 | 1773.4 | 1791.3 | 1786.4 | 1786.5 | 1784.9 | 1770.8 |
| G8.0 | 1766.6 | 1778.4 | 1783.6 | 1778.6 | 1770.2 | 1788.4 | 1783.9 | 1784.8 | 1782.0 | 1766.4 |
| G9.0 | 1759.4 | 1774.8 | 1779.3 | 1774.7 | 1767.6 | 1784.6 | 1779.9 | 1779.1 | 1777.9 | 1761.8 |
| G10.0 | 1751.4 | 1771.8 | 1775.9 | 1767.9 | 1766.8 | 1779.9 | 1774.6 | 1773.8 | 1773.4 | 1758.0 |
| G11.0 | 1744.4 | 1766.9 | 1769.2 | 1763.8 | 1766.5 | 1775.5 | 1769.1 | 1769.0 | 1769.0 | 1751.4 |
| G12.0 | 1737.6 | 1762.4 | 1765.4 | 1760.6 | 1760.9 | 1769.1 | 1763.5 | 1765.0 | 1764.8 | 1743.8 |
| G13.0 | 1730.4 | 1758.3 | 1760.8 | 1756.4 | 1757.7 | 1764.3 | 1758.0 | 1758.2 | 1758.8 | 1734.9 |
| G14.0 | 1722.3 | 1751.8 | 1755.2 | 1750.2 | 1752.3 | 1757.5 | 1751.3 | 1753.8 | 1752.1 | 1728.1 |
| G15.0 | 1713.2 | 1744.6 | 1749.6 | 1744.0 | 1746.6 | 1751.5 | 1745.8 | 1750.6 | 1744.3 | 1720.8 |
| G16.0 | 1705.6 | 1737.3 | 1744.0 | 1739.7 | 1740.8 | 1745.6 | 1740.3 | 1739.9 | 1738.1 | 1712.2 |
| G17.0 | 1698.3 | 1728.9 | 1738.0 | 1733.1 | 1735.7 | 1738.4 | 1735.4 | 1731.8 | 1729.6 | 1702.5 |
| G18.0 | 1688.4 | 1719.5 | 1730.8 | 1725.5 | 1729.1 | 1731.9 | 1728.6 | 1721.6 | 1716.9 | 1691.9 |
| G19.0 | 1678.5 | 1709.1 | 1722.4 | 1719.3 | 1724.5 | 1726.7 | 1719.9 | 1711.1 | 1706.3 | 1680.2 |
| G20.0 | 1668.1 | 1698.0 | 1713.9 | 1712.8 | 1716.7 | 1718.2 | 1709.1 | 1700.3 | 1694.7 | 1671.9 |
| G21.0 | 1655.8 | 1686.6 | 1704.9 | 1704.7 | 1707.9 | 1709.8 | 1699.4 | 1690.1 | 1682.5 | 1662.7 |
| G22.0 | 1642.1 | 1675.8 | 1695.8 | 1692.4 | 1697.3 | 1699.7 | 1685.7 | 1681.1 | 1670.8 | 1650.7 |
| G23.0 | 1623.3 | 1661.8 | 1685.5 | 1682.0 | 1684.8 | 1687.4 | 1675.9 | 1671.5 | 1658.2 | 1638.4 |
| G24.0 | 1609.9 | 1650.7 | 1674.5 | 1672.0 | 1674.0 | 1676.9 | 1664.9 | 1659.7 | 1648.1 | 1625.1 |
| G25.0 | 1597.3 | 1639.8 | 1662.3 | 1662.1 | 1661.9 | 1664.9 | 1654.2 | 1647.1 | 1635.7 | 1612.0 |
| G26.0 | 1582.2 | 1627.8 | 1649.5 | 1650.7 | 1649.0 | 1651.8 | 1642.7 | 1633.6 | 1624.4 | 1597.2 |
| G27.0 | 1565.3 | 1615.0 | 1637.1 | 1638.9 | 1634.6 | 1640.0 | 1631.3 | 1619.9 | 1612.1 | 1582.5 |
| G28.0 | 1550.1 | 1602.9 | 1624.2 | 1624.7 | 1619.4 | 1628.3 | 1618.0 | 1605.9 | 1599.8 | 1567.8 |
| G29.0 | 1534.5 | 1589.1 | 1611.7 | 1611.2 | 1604.6 | 1615.6 | 1605.1 | 1592.4 | 1582.1 | 1554.4 |
| G30.0 | 1519.7 | 1577.1 | 1597.2 | 1596.6 | 1588.4 | 1598.3 | 1591.7 | 1579.1 | 1568.4 | 1536.0 |
| G31.0 | 1504.2 | 1561.7 | 1582.4 | 1581.3 | 1569.4 | 1583.8 | 1576.5 | 1565.2 | 1552.5 | 1521.6 |
| G32.0 | 1487.6 | 1545.4 | 1562.1 | 1566.4 | 1552.8 | 1567.1 | 1560.2 | 1549.8 | 1534.5 | 1506.3 |
| G33.0 | 1469.9 | 1528.0 | 1545.6 | 1548.7 | 1533.9 | 1547.3 | 1538.3 | 1532.6 | 1517.3 | 1490.5 |
| G34.0 | 1452.4 | 1509.6 | 1529.0 | 1531.0 | 1516.8 | 1526.1 | 1521.0 | 1515.0 | 1499.7 | 1473.6 |
| G35.0 | 1433.6 | 1491.3 | 1511.6 | 1508.5 | 1499.4 | 1504.2 | 1504.4 | 1497.0 | 1481.3 | 1454.1 |
| G36.0 | 1411.5 | 1472.5 | 1495.6 | 1486.8 | 1479.6 | 1482.6 | 1486.9 | 1475.6 | 1463.2 | 1435.0 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 1392.5 | 1452.3 | 1476.9 | 1464.3 | 1458.5 | 1460.7 | 1467.0 | 1458.0 | 1443.6 | 1415.1 |
| G38.0 | 1373.4 | 1433.1 | 1457.3 | 1440.9 | 1434.5 | 1437.0 | 1446.7 | 1437.6 | 1423.6 | 1395.5 |
| G39.0 | 1352.7 | 1410.8 | 1435.1 | 1414.8 | 1408.7 | 1412.2 | 1427.9 | 1417.4 | 1401.0 | 1374.2 |
| G40.0 | 1335.0 | 1391.2 | 1412.0 | 1388.3 | 1381.5 | 1385.5 | 1401.2 | 1394.4 | 1380.4 | 1349.1 |
| G41.0 | 1312.9 | 1370.4 | 1387.9 | 1362.5 | 1355.9 | 1359.0 | 1377.8 | 1370.0 | 1358.6 | 1329.8 |
| G42.0 | 1287.0 | 1347.9 | 1362.8 | 1335.4 | 1324.2 | 1327.2 | 1352.0 | 1347.0 | 1336.4 | 1307.9 |
| G43.0 | 1266.0 | 1325.0 | 1336.9 | 1304.1 | 1298.7 | 1299.6 | 1326.4 | 1324.7 | 1313.2 | 1284.8 |
| G44.0 | 1239.9 | 1301.5 | 1311.1 | 1276.2 | 1272.5 | 1271.5 | 1298.0 | 1302.3 | 1286.1 | 1258.6 |
| G45.0 | 1214.4 | 1275.2 | 1278.1 | 1248.8 | 1244.5 | 1244.3 | 1270.4 | 1279.1 | 1262.5 | 1235.8 |
| G46.0 | 1186.9 | 1250.4 | 1250.2 | 1225.2 | 1219.6 | 1219.0 | 1240.1 | 1254.4 | 1237.6 | 1210.7 |
| G47.0 | 1161.6 | 1224.9 | 1220.5 | 1201.1 | 1195.4 | 1191.5 | 1209.3 | 1222.7 | 1210.4 | 1183.5 |
| G48.0 | 1139.9 | 1197.7 | 1189.7 | 1174.9 | 1154.3 | 1164.5 | 1178.0 | 1195.8 | 1183.0 | 1156.7 |
| G49.0 | 1113.9 | 1168.0 | 1159.6 | 1148.3 | 986.7 | 1138.3 | 1143.8 | 1166.5 | 1154.9 | 1126.6 |
| G50.0 | 1085.3 | 1139.2 | 1128.5 | 1116.3 | 856.1 | 1111.3 | 1112.7 | 1136.7 | 1128.4 | 1098.8 |
| G51.0 | 1056.3 | 1110.5 | 1097.0 | 987.4 | 821.9 | 1024.5 | 1080.4 | 1106.5 | 1098.5 | 1069.2 |
| G52.0 | 1027.2 | 1083.0 | 1067.7 | 826.7 | 800.7 | 833.2 | 1049.2 | 1077.7 | 1067.7 | 1039.6 |
| G53.0 | 998.5 | 1053.4 | 1038.9 | 786.0 | 779.9 | 777.8 | 1018.4 | 1048.7 | 1030.8 | 1007.7 |
| G54.0 | 964.5 | 1017.8 | 1006.8 | 759.1 | 755.6 | 753.5 | 986.1 | 1016.2 | 998.8 | 971.0 |
| G55.0 | 933.5 | 984.2 | 977.0 | 734.5 | 730.0 | 730.9 | 955.5 | 984.2 | 965.2 | 939.0 |
| G56.0 | 902.5 | 950.8 | 943.9 | 707.5 | 658.1 | 705.2 | 922.1 | 947.7 | 931.3 | 908.8 |
| G57.0 | 853.0 | 918.7 | 908.3 | 682.1 | 479.7 | 678.0 | 887.8 | 908.7 | 895.3 | 873.8 |
| G58.0 | 810.2 | 881.8 | 836.6 | 601.2 | 451.8 | 631.9 | 846.2 | 861.4 | 849.6 | 837.8 |
| G59.0 | 778.7 | 833.8 | 671.4 | 446.5 | 386.0 | 462.0 | 721.7 | 824.0 | 791.8 | 803.0 |
| G60.0 | 742.1 | 778.7 | 618.9 | 418.5 | 316.3 | 411.3 | 604.6 | 785.0 | 745.8 | 751.5 |
| G61.0 | 699.7 | 738.1 | 591.9 | 371.6 | 301.3 | 372.4 | 570.7 | 735.6 | 708.7 | 692.2 |
| G62.0 | 651.9 | 699.3 | 564.2 | 297.2 | 288.7 | 290.6 | 542.5 | 676.4 | 658.7 | 652.0 |
| G63.0 | 619.7 | 643.9 | 533.6 | 283.1 | 273.8 | 275.0 | 511.0 | 627.4 | 608.9 | 619.5 |
| G64.0 | 583.8 | 604.1 | 501.2 | 266.3 | 130.6 | 260.8 | 476.8 | 585.8 | 573.0 | 561.2 |
| G65.0 | 531.8 | 559.0 | 381.1 | 246.4 | 99.4 | 245.7 | 416.5 | 523.0 | 523.4 | 519.9 |
| G66.0 | 497.1 | 519.3 | 301.4 | 104.3 | 92.4 | 113.9 | 282.6 | 483.0 | 473.6 | 487.8 |
| G67.0 | 463.8 | 481.8 | 275.3 | 89.2 | 86.8 | 89.8 | 255.1 | 432.9 | 438.8 | 429.9 |
| G68.0 | 416.0 | 438.8 | 209.6 | 82.9 | 80.8 | 83.8 | 191.4 | 391.1 | 379.6 | 395.7 |
| G69.0 | 382.6 | 399.7 | 185.3 | 77.5 | 73.6 | 77.5 | 167.3 | 343.7 | 349.4 | 349.8 |
| G70.0 | 337.8 | 353.8 | 168.0 | 70.3 | 66.1 | 70.7 | 148.2 | 296.6 | 300.8 | 312.7 |
| G71.0 | 306.8 | 306.6 | 103.5 | 63.1 | 59.4 | 63.2 | 131.2 | 264.6 | 268.2 | 272.3 |
| G72.0 | 264.1 | 237.7 | 64.6 | 56.5 | 52.6 | 56.2 | 60.5 | 219.1 | 221.1 | 237.8 |
| G73.0 | 232.4 | 189.0 | 58.3 | 49.5 | 46.0 | 49.9 | 54.5 | 155.4 | 188.0 | 197.3 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 199.9 | 159.9 | 51.7 | 42.8 | 39.5 | 42.9 | 47.8 | 113.2 | 158.1 | 147.8 |
| G75.0 | 167.2 | 128.0 | 45.0 | 36.6 | 33.4 | 36.5 | 41.4 | 91.2 | 124.2 | 110.3 |
| G76.0 | 131.9 | 94.5 | 37.6 | 30.3 | 27.6 | 30.2 | 34.7 | 71.7 | 98.2 | 89.3 |
| G77.0 | 103.3 | 61.8 | 31.4 | 24.7 | 22.0 | 24.8 | 28.6 | 44.4 | 76.1 | 71.3 |
| G78.0 | 77.8 | 40.0 | 25.9 | 19.8 | 17.4 | 19.1 | 23.0 | 33.4 | 57.2 | 54.8 |
| G79.0 | 52.0 | 28.6 | 20.2 | 14.7 | 12.6 | 14.5 | 18.7 | 24.6 | 36.9 | 40.0 |
| G80.0 | 32.7 | 21.8 | 15.7 | 10.2 | 8.2 | 10.4 | 13.7 | 19.1 | 23.7 | 26.5 |
| G81.0 | 20.6 | 15.6 | 11.5 | 6.8 | 4.9 | 6.5 | 9.4 | 14.8 | 16.6 | 20.2 |
| G82.0 | 15.4 | 12.3 | 7.8 | 3.4 | 2.6 | 3.7 | 6.5 | 10.6 | 12.4 | 15.3 |
| G83.0 | 11.8 | 8.2 | 4.9 | 1.9 | 1.1 | 1.6 | 3.4 | 8.1 | 8.9 | 10.9 |
| G84.0 | 9.0 | 5.3 | 2.9 | 1.3 | 1.1 | 1.3 | 2.7 | 5.0 | 6.7 | 8.1 |
| G85.0 | 6.2 | 2.9 | 2.3 | 1.1 | 1.0 | 1.4 | 1.2 | 3.6 | 4.0 | 5.0 |
| G86.0 | 3.6 | 2.1 | 1.1 | 0.7 | 1.1 | 1.1 | 1.3 | 2.9 | 2.6 | 3.4 |
| G87.0 | 2.9 | 1.7 | 1.7 | 0.0 | 0.9 | 1.2 | 1.3 | 2.5 | 2.6 | 2.1 |
| G88.0 | 2.2 | 1.5 | 1.5 | 1.3 | 1.2 | 1.0 | 1.7 | 1.7 | 1.8 | 1.8 |
| G89.0 | 1.8 | 1.0 | 1.3 | 1.1 | 1.1 | 0.8 | 1.3 | 1.8 | 1.6 | 1.4 |
| G90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G91.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G92.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G93.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G94.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G95.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G96.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G98.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G101.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G102.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G103.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G105.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G107.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G108.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G109.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G110.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G112.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G113.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G114.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G115.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G117.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G118.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G119.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G120.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G121.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G122.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G123.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G124.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G125.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G126.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G127.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G128.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G129.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G130.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G131.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G132.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G133.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G134.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G135.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G136.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G137.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G138.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G139.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G141.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G142.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G143.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G144.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G145.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G146.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G147.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G150.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G151.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G152.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G153.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G154.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G155.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G156.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G157.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G158.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G159.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G160.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G161.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G162.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G163.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G164.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G165.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G166.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G167.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G168.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G169.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G170.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G171.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G172.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G173.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G174.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G175.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G176.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G177.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G178.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G179.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G180.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | 1790.8 | | | |
| G1.0 | 1789.9 | 1789.9 | 1792.9 | 1791.4 | 1787.9 | 1789.6 | 1788.2 | | | |
| G2.0 | 1787.8 | 1788.1 | 1795.9 | 1789.3 | 1780.9 | 1788.6 | 1786.0 | | | |
| G3.0 | 1784.4 | 1784.9 | 1795.9 | 1788.3 | 1780.5 | 1787.9 | 1784.6 | | | |
| G4.0 | 1781.7 | 1781.8 | 1793.4 | 1782.7 | 1778.3 | 1785.7 | 1784.2 | | | |
| G5.0 | 1778.1 | 1779.7 | 1788.5 | 1777.1 | 1773.1 | 1781.3 | 1781.5 | | | |
| G6.0 | 1774.9 | 1775.5 | 1782.1 | 1772.8 | 1767.6 | 1775.2 | 1776.6 | | | |
| G7.0 | 1771.1 | 1773.0 | 1774.7 | 1768.4 | 1765.2 | 1769.0 | 1772.1 | | | |
| G8.0 | 1765.6 | 1769.9 | 1768.3 | 1764.7 | 1759.7 | 1760.8 | 1766.6 | | | |
| G9.0 | 1759.8 | 1765.9 | 1763.2 | 1761.0 | 1754.8 | 1754.8 | 1759.4 | | | |
| G10.0 | 1753.6 | 1760.3 | 1757.0 | 1755.9 | 1747.9 | 1749.2 | 1751.4 | | | |
| G11.0 | 1747.0 | 1752.5 | 1748.0 | 1748.5 | 1740.4 | 1744.5 | 1744.4 | | | |
| G12.0 | 1739.7 | 1745.2 | 1741.3 | 1741.5 | 1733.9 | 1738.3 | 1737.6 | | | |
| G13.0 | 1728.4 | 1733.7 | 1732.7 | 1730.7 | 1727.6 | 1729.7 | 1730.4 | | | |
| G14.0 | 1719.9 | 1725.1 | 1725.6 | 1722.7 | 1716.7 | 1722.4 | 1722.3 | | | |
| G15.0 | 1710.3 | 1718.0 | 1716.4 | 1713.2 | 1705.2 | 1710.5 | 1713.2 | | | |
| G16.0 | 1700.8 | 1708.4 | 1705.4 | 1703.7 | 1693.6 | 1701.9 | 1705.6 | | | |
| G17.0 | 1692.3 | 1698.8 | 1695.7 | 1695.1 | 1684.6 | 1692.8 | 1698.3 | | | |
| G18.0 | 1685.2 | 1689.2 | 1690.3 | 1686.5 | 1677.4 | 1684.9 | 1688.4 | | | |
| G19.0 | 1675.5 | 1681.1 | 1683.2 | 1676.3 | 1667.7 | 1675.6 | 1678.5 | | | |
| G20.0 | 1664.2 | 1669.3 | 1673.1 | 1664.4 | 1651.8 | 1659.3 | 1668.1 | | | |
| G21.0 | 1652.3 | 1655.8 | 1662.3 | 1652.1 | 1640.6 | 1645.0 | 1655.8 | | | |
| G22.0 | 1640.0 | 1645.2 | 1650.3 | 1640.2 | 1629.6 | 1630.4 | 1642.1 | | | |
| G23.0 | 1627.5 | 1630.1 | 1634.0 | 1627.0 | 1613.7 | 1619.0 | 1623.3 | | | |
| G24.0 | 1609.9 | 1615.1 | 1620.3 | 1610.2 | 1597.4 | 1607.0 | 1609.9 | | | |
| G25.0 | 1596.7 | 1597.0 | 1605.8 | 1596.4 | 1583.8 | 1593.5 | 1597.3 | | | |
| G26.0 | 1583.6 | 1582.1 | 1590.6 | 1581.1 | 1569.0 | 1576.9 | 1582.2 | | | |
| G27.0 | 1569.1 | 1565.1 | 1574.2 | 1567.0 | 1552.4 | 1559.8 | 1565.3 | | | |
| G28.0 | 1552.8 | 1545.3 | 1550.9 | 1551.5 | 1535.7 | 1542.8 | 1550.1 | | | |
| G29.0 | 1536.1 | 1527.9 | 1531.5 | 1533.1 | 1519.5 | 1526.7 | 1534.5 | | | |
| G30.0 | 1519.9 | 1507.7 | 1519.8 | 1512.4 | 1498.8 | 1511.1 | 1519.7 | | | |
| G31.0 | 1503.9 | 1488.9 | 1501.9 | 1494.4 | 1479.7 | 1496.5 | 1504.2 | | | |
| G32.0 | 1483.2 | 1471.8 | 1482.4 | 1474.5 | 1461.3 | 1479.0 | 1487.6 | | | |
| G33.0 | 1463.7 | 1451.7 | 1460.1 | 1455.7 | 1443.1 | 1460.0 | 1469.9 | | | |
| G34.0 | 1444.7 | 1432.4 | 1440.3 | 1438.0 | 1423.8 | 1440.8 | 1452.4 | | | |
| G35.0 | 1420.3 | 1413.5 | 1420.9 | 1415.0 | 1404.0 | 1421.3 | 1433.6 | | | |
| G36.0 | 1400.0 | 1395.3 | 1402.3 | 1393.5 | 1383.4 | 1398.4 | 1411.5 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 1376.5 | 1374.3 | 1376.8 | 1373.5 | 1361.8 | 1377.2 | 1392.5 | | | |
| G38.0 | 1354.0 | 1354.6 | 1351.3 | 1350.4 | 1339.6 | 1356.1 | 1373.4 | | | |
| G39.0 | 1330.4 | 1333.3 | 1330.3 | 1323.8 | 1317.0 | 1336.4 | 1352.7 | | | |
| G40.0 | 1308.1 | 1310.2 | 1308.5 | 1300.0 | 1293.6 | 1317.9 | 1335.0 | | | |
| G41.0 | 1286.1 | 1281.2 | 1281.7 | 1277.2 | 1270.1 | 1297.4 | 1312.9 | | | |
| G42.0 | 1264.2 | 1257.0 | 1256.7 | 1252.9 | 1246.4 | 1274.4 | 1287.0 | | | |
| G43.0 | 1240.8 | 1234.5 | 1238.5 | 1228.9 | 1222.8 | 1250.5 | 1266.0 | | | |
| G44.0 | 1217.4 | 1208.0 | 1212.8 | 1203.4 | 1199.2 | 1228.7 | 1239.9 | | | |
| G45.0 | 1190.8 | 1181.1 | 1189.8 | 1179.8 | 1172.8 | 1200.7 | 1214.4 | | | |
| G46.0 | 1164.7 | 1157.9 | 1164.8 | 1157.0 | 1147.7 | 1171.7 | 1186.9 | | | |
| G47.0 | 1137.5 | 1133.2 | 1139.6 | 1133.0 | 1122.8 | 1144.6 | 1161.6 | | | |
| G48.0 | 1110.3 | 1106.5 | 1109.3 | 1108.7 | 1096.6 | 1116.7 | 1139.9 | | | |
| G49.0 | 1080.1 | 1077.9 | 1089.9 | 1080.5 | 1068.8 | 1089.0 | 1113.9 | | | |
| G50.0 | 1052.9 | 1048.1 | 1070.2 | 1055.6 | 1042.3 | 1060.7 | 1085.3 | | | |
| G51.0 | 1025.6 | 1020.7 | 1037.3 | 1027.9 | 1013.9 | 1032.7 | 1056.3 | | | |
| G52.0 | 994.9 | 993.6 | 1001.9 | 1000.8 | 985.3 | 1004.5 | 1027.2 | | | |
| G53.0 | 964.0 | 963.5 | 974.5 | 971.0 | 955.8 | 973.1 | 998.5 | | | |
| G54.0 | 933.0 | 929.8 | 912.3 | 940.2 | 920.9 | 942.5 | 964.5 | | | |
| G55.0 | 903.9 | 894.3 | 778.4 | 906.8 | 891.4 | 910.6 | 933.5 | | | |
| G56.0 | 872.8 | 819.8 | 698.1 | 864.1 | 860.9 | 878.1 | 902.5 | | | |
| G57.0 | 838.7 | 694.8 | 662.7 | 741.1 | 829.0 | 845.7 | 853.0 | | | |
| G58.0 | 806.8 | 633.7 | 636.8 | 651.5 | 797.5 | 809.3 | 810.2 | | | |
| G59.0 | 775.6 | 599.9 | 610.1 | 607.0 | 765.4 | 756.3 | 778.7 | | | |
| G60.0 | 741.5 | 573.5 | 578.2 | 578.0 | 732.3 | 717.0 | 742.1 | | | |
| G61.0 | 706.3 | 548.3 | 543.6 | 554.0 | 702.8 | 681.4 | 699.7 | | | |
| G62.0 | 658.1 | 521.1 | 520.1 | 525.0 | 670.0 | 649.0 | 651.9 | | | |
| G63.0 | 548.8 | 490.4 | 466.4 | 499.3 | 622.5 | 597.9 | 619.7 | | | |
| G64.0 | 480.4 | 462.3 | 406.6 | 473.8 | 516.9 | 560.5 | 583.8 | | | |
| G65.0 | 448.9 | 392.9 | 382.3 | 427.1 | 441.7 | 526.6 | 531.8 | | | |
| G66.0 | 415.0 | 357.6 | 303.8 | 366.2 | 402.9 | 478.1 | 497.1 | | | |
| G67.0 | 373.8 | 331.3 | 232.3 | 343.4 | 374.9 | 442.8 | 463.8 | | | |
| G68.0 | 348.6 | 223.7 | 216.6 | 260.4 | 349.0 | 408.0 | 416.0 | | | |
| G69.0 | 317.1 | 199.6 | 200.1 | 207.2 | 315.8 | 362.8 | 382.6 | | | |
| G70.0 | 262.0 | 186.0 | 182.6 | 190.2 | 291.7 | 335.2 | 337.8 | | | |
| G71.0 | 226.3 | 171.7 | 101.2 | 174.7 | 230.0 | 292.8 | 306.8 | | | |
| G72.0 | 180.6 | 94.4 | 92.3 | 123.8 | 199.4 | 264.9 | 264.1 | | | |
| G73.0 | 129.1 | 83.6 | 85.3 | 87.3 | 150.7 | 224.8 | 232.4 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 113.0 | 76.9 | 75.6 | 79.4 | 115.1 | 191.1 | 199.9 | | | |
| G75.0 | 97.1 | 67.4 | 67.1 | 71.8 | 99.1 | 163.5 | 167.2 | | | |
| G76.0 | 58.9 | 58.9 | 59.1 | 62.7 | 82.5 | 120.1 | 131.9 | | | |
| G77.0 | 51.4 | 51.6 | 52.2 | 54.8 | 52.9 | 89.5 | 103.3 | | | |
| G78.0 | 44.4 | 44.8 | 44.4 | 47.8 | 46.2 | 68.1 | 77.8 | | | |
| G79.0 | 36.3 | 37.9 | 38.3 | 40.3 | 39.3 | 52.5 | 52.0 | | | |
| G80.0 | 30.3 | 31.7 | 32.6 | 34.3 | 32.5 | 33.4 | 32.7 | | | |
| G81.0 | 24.4 | 26.5 | 27.2 | 28.4 | 26.9 | 23.6 | 20.6 | | | |
| G82.0 | 19.4 | 21.4 | 22.2 | 23.6 | 21.8 | 18.5 | 15.4 | | | |
| G83.0 | 14.8 | 16.9 | 18.0 | 18.6 | 16.9 | 14.4 | 11.8 | | | |
| G84.0 | 10.4 | 13.1 | 13.8 | 14.4 | 12.6 | 11.0 | 9.0 | | | |
| G85.0 | 7.6 | 9.5 | 10.0 | 10.6 | 9.4 | 7.9 | 6.2 | | | |
| G86.0 | 5.0 | 6.6 | 7.7 | 7.9 | 6.7 | 5.2 | 3.6 | | | |
| G87.0 | 3.3 | 4.0 | 4.4 | 5.3 | 4.8 | 3.8 | 2.9 | | | |
| G88.0 | 1.6 | 2.6 | 3.4 | 3.1 | 2.7 | 3.0 | 2.2 | | | |
| G89.0 | 2.0 | 2.4 | 2.5 | 2.4 | 2.7 | 2.3 | 1.8 | | | |
| G90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G91.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G92.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G93.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G94.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G95.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G96.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G98.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G101.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G102.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G103.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G105.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G107.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G108.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G109.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G110.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G112.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G113.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G114.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G115.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G117.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G118.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G119.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G120.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G121.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G122.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G123.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G124.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G125.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G126.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G127.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G128.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G129.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G130.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G131.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G132.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G133.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G134.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G135.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G136.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G137.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G138.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G139.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G140.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G141.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G142.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G143.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G144.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G145.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G146.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G147.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G150.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G151.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G152.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G153.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G154.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G155.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G156.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G157.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G158.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G159.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G160.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G161.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G162.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G163.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G164.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G165.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G166.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G167.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G168.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G169.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G170.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G171.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G172.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G173.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G174.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G175.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G176.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G177.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G178.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G179.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| G180.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
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C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: