

Report No.:

Test Time: 2022-5-17 22:26

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.285 A

Power Factor: 0.990

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 33.84 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4428.2 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 1734.72 cd

Pos of Max. Intensity: H270 V3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.2, 103.8, 112.4, 111.6

Longitudinal Classification: Very Short

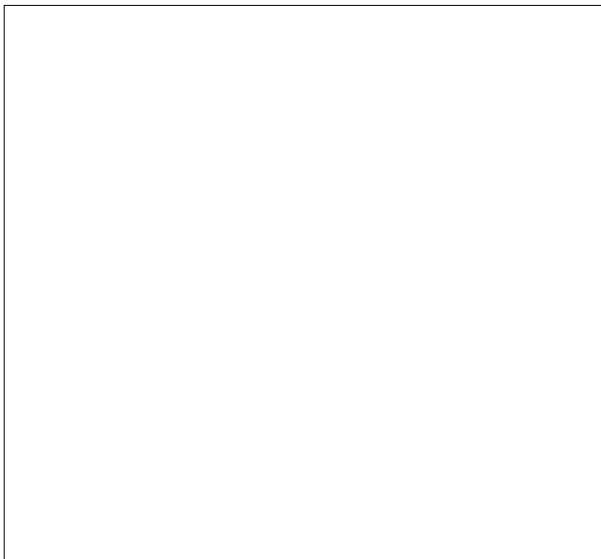
Measurement Flux: 4428.2 lm

Downward Ratio: 100%

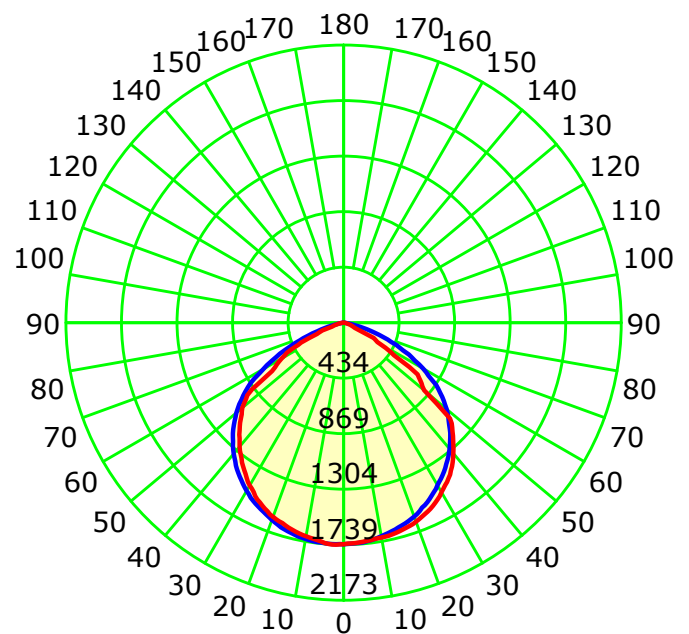
Luminaire Efficacy Rating (LER): 130.91

Max. Intensity: 1739.08 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

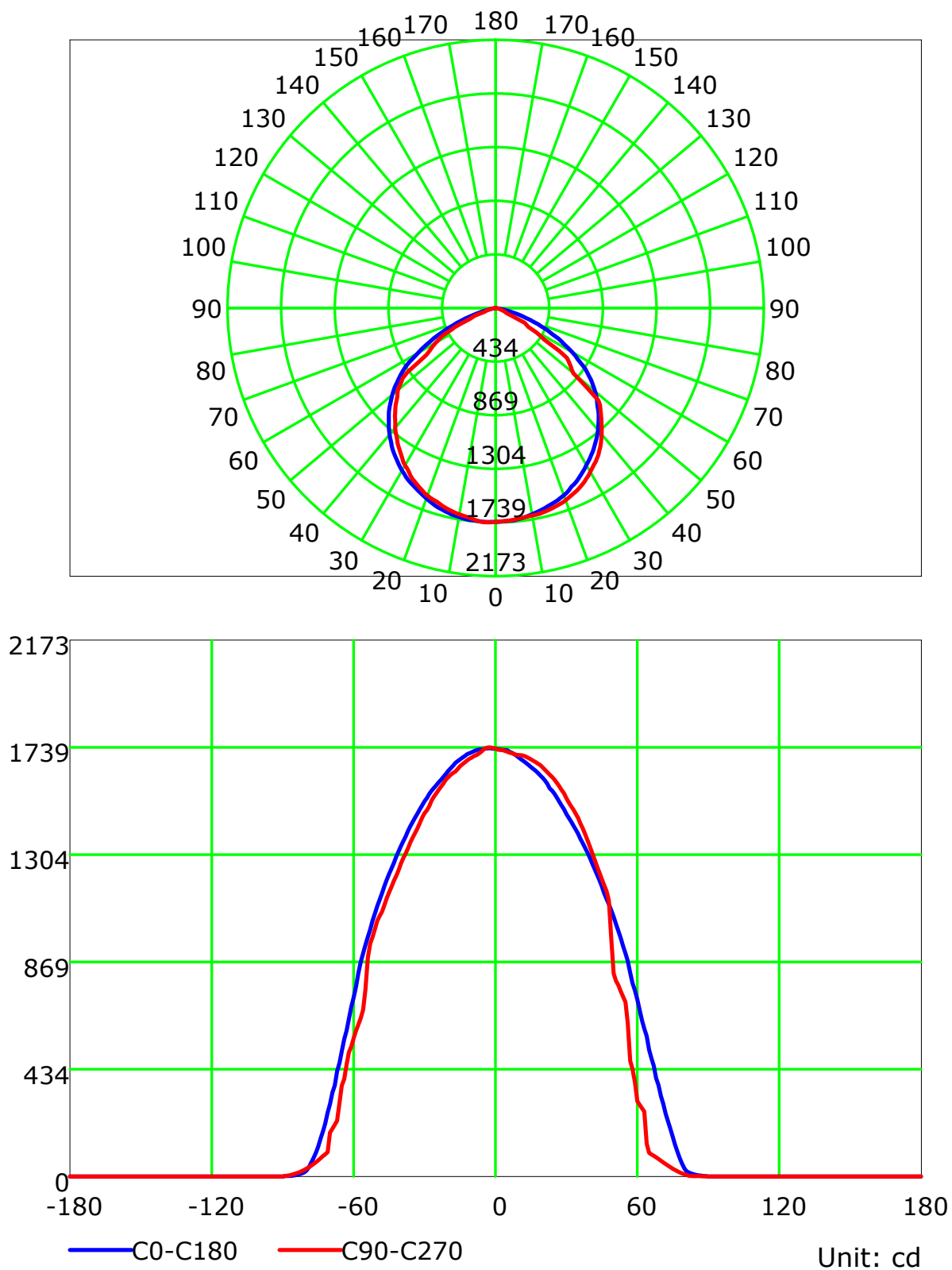
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

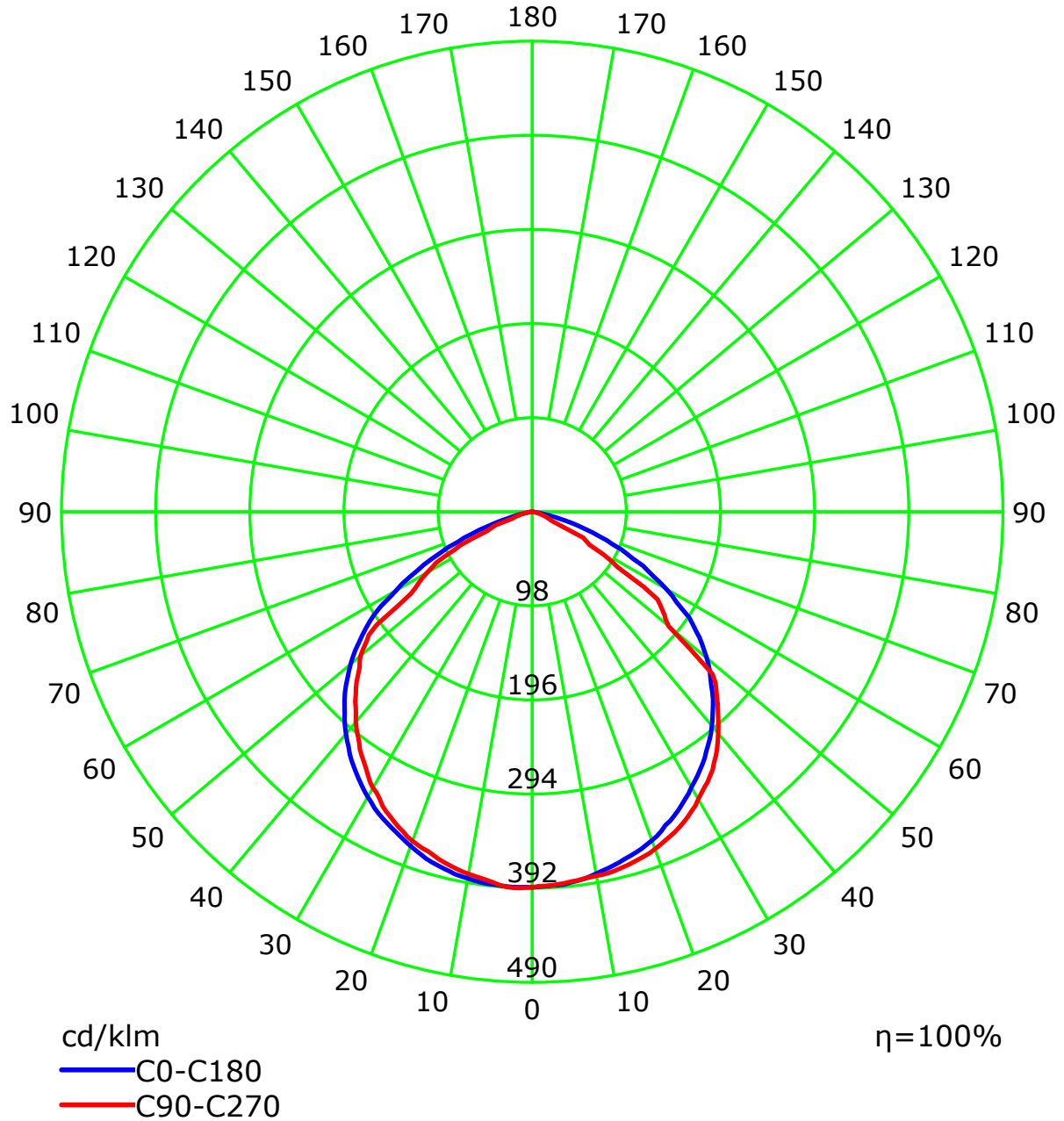
Luminous Intensity Distribution Curve



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:

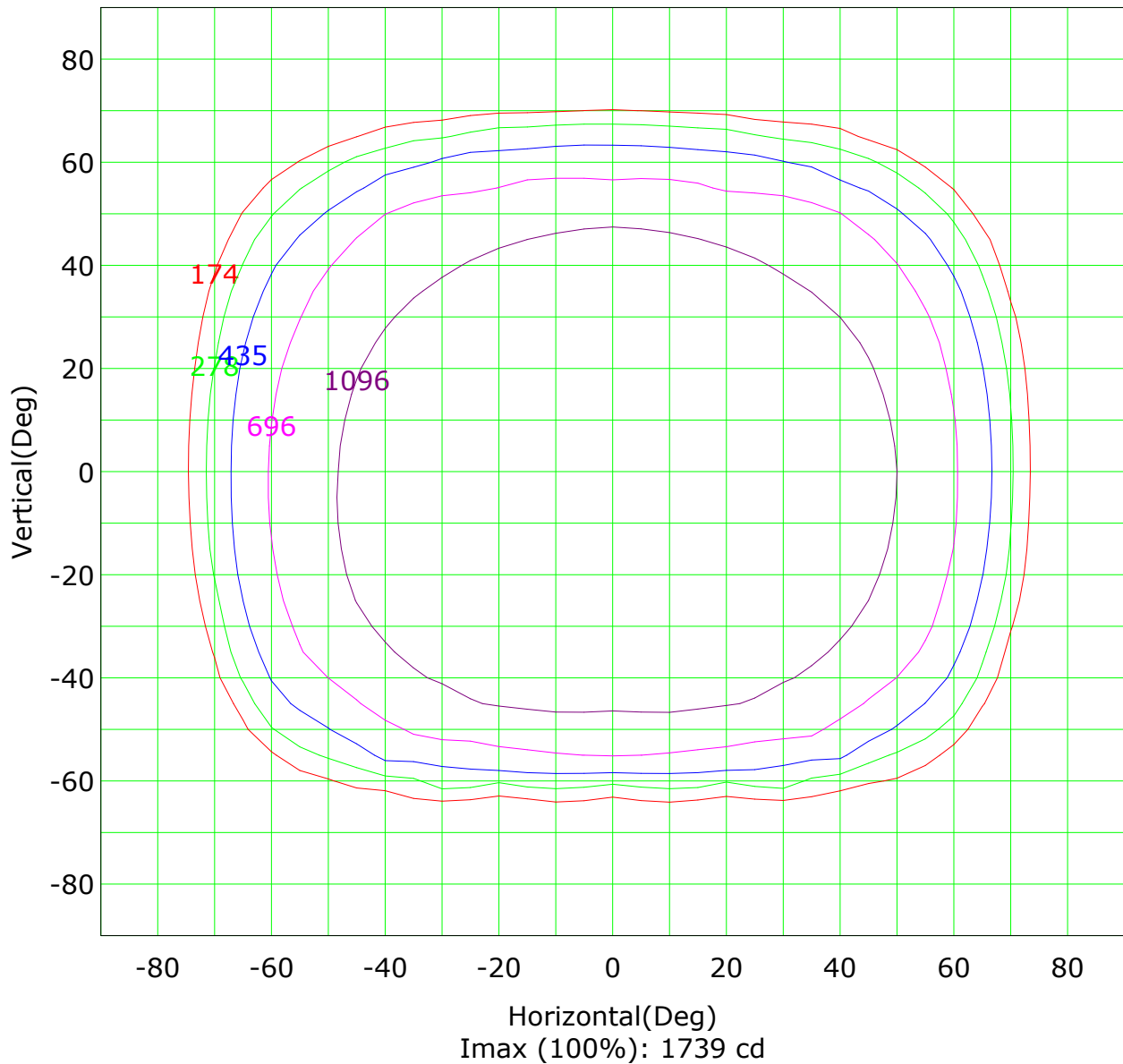
Luminous Intensity Distribution Curve(cd/klm)



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)

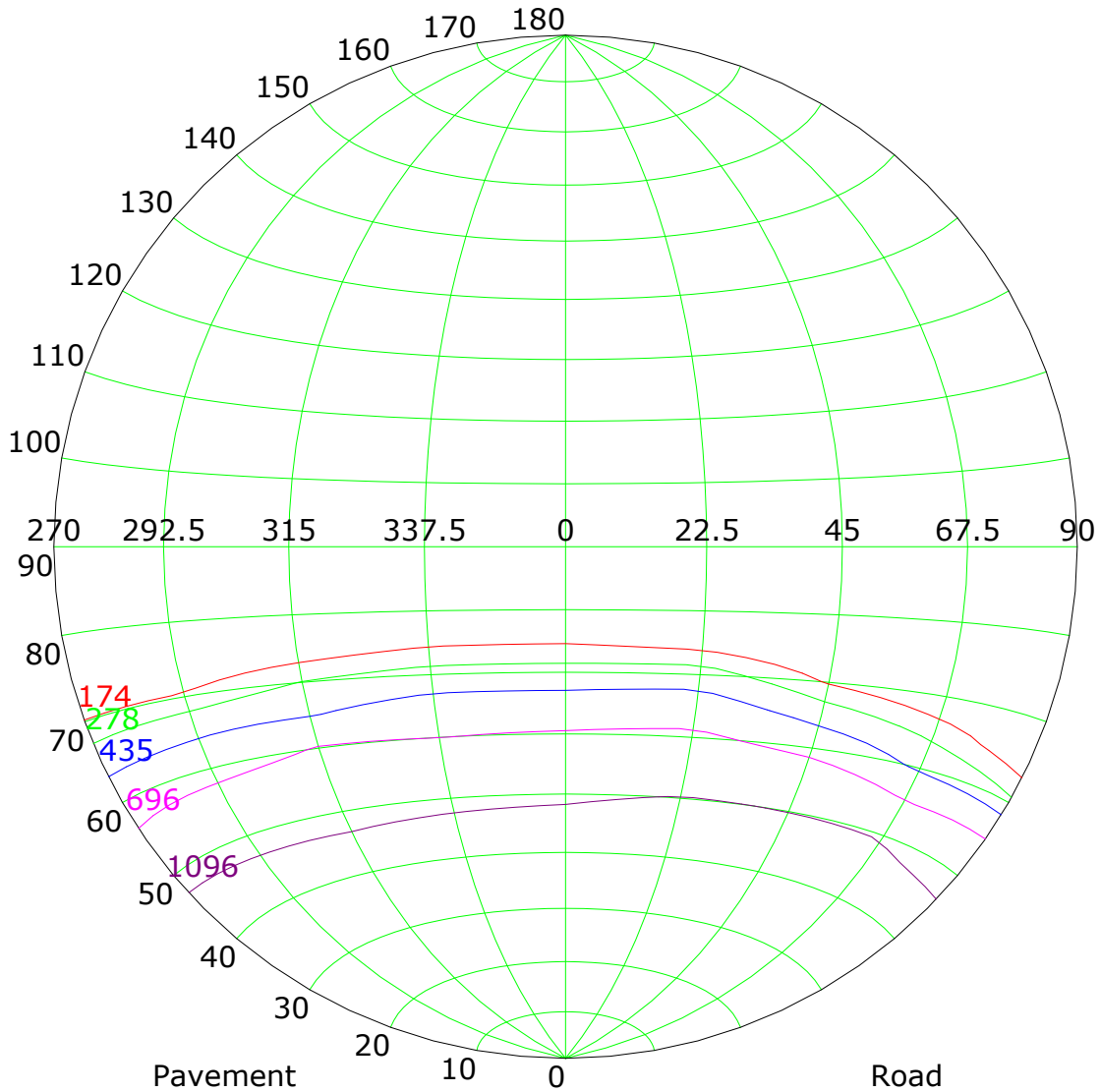


(10%): 174 cd	(16%): 278 cd
(25%): 435 cd	(40%): 696 cd
(63%): 1096 cd	(100%): 1739 cd

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%): 1739 cd

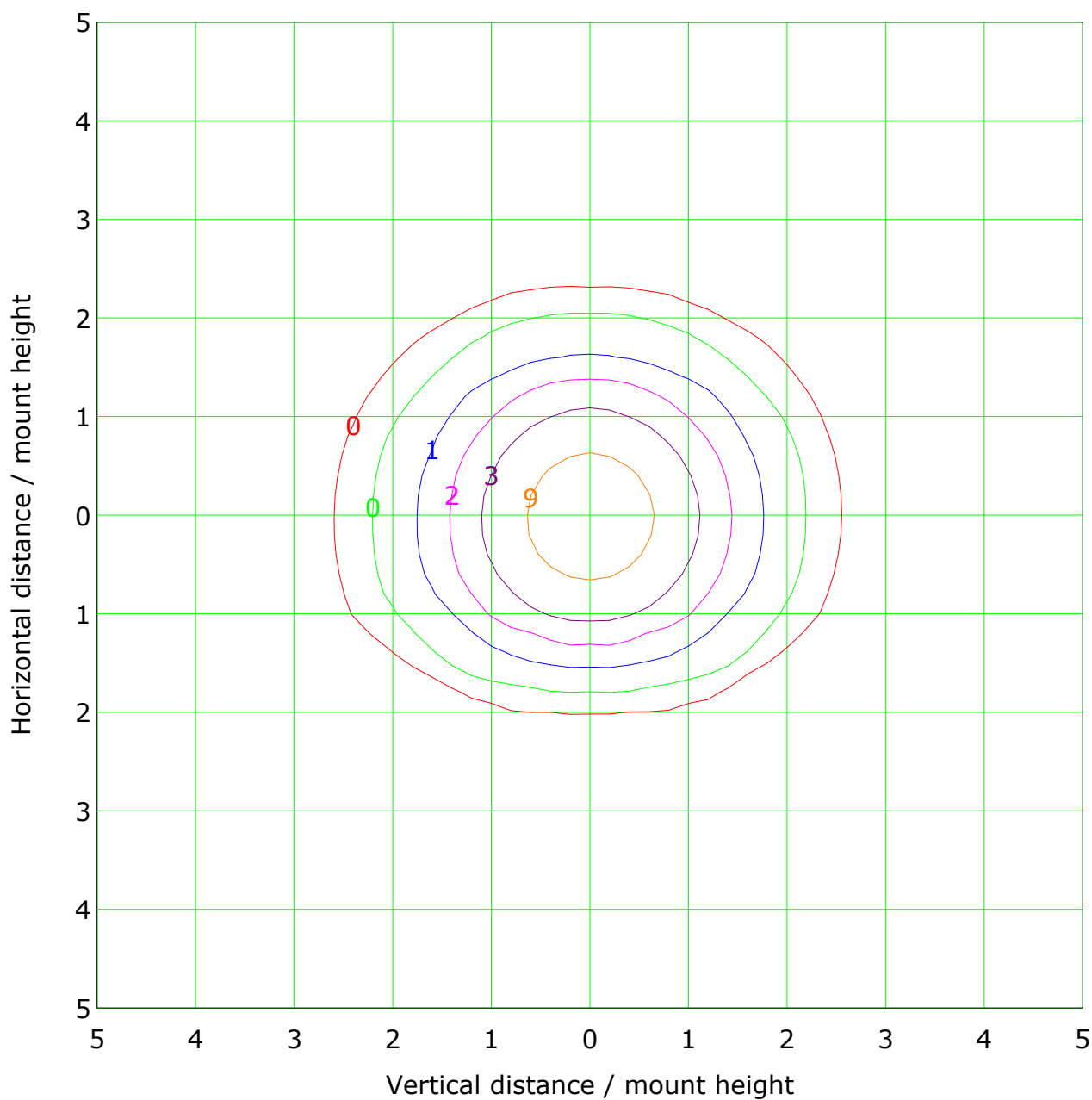
(10%): 174 cd
(25%): 435 cd
(63%): 1096 cd

(16%): 278 cd
(40%): 696 cd
(100%): 1739 cd

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

IES: Cut-off
Max.At80: 7.381 cd/klm
Max.80-90: 7.381 cd/klm

IsoLux Plot



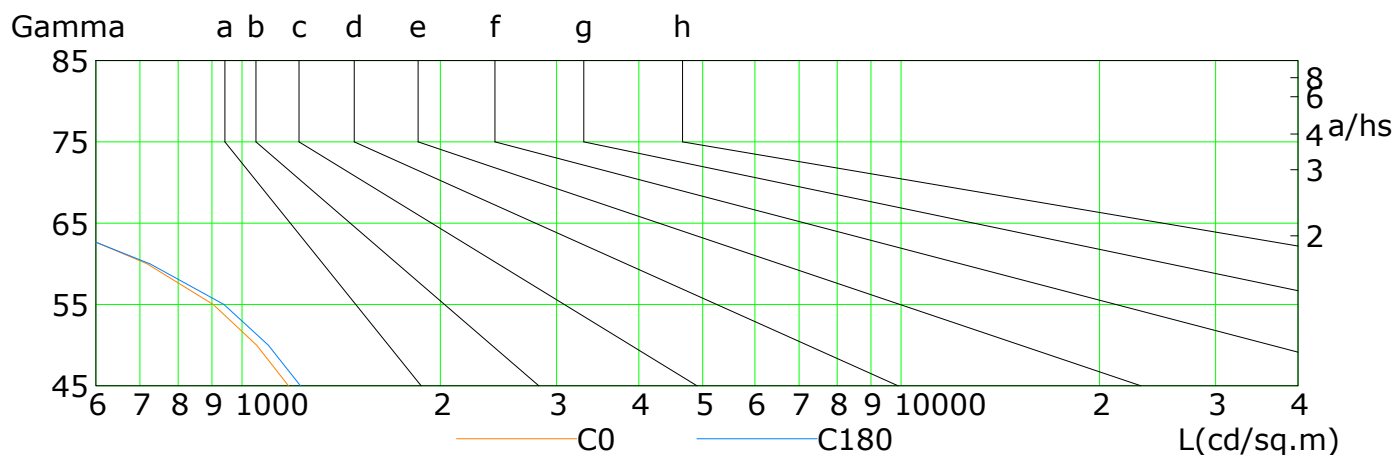
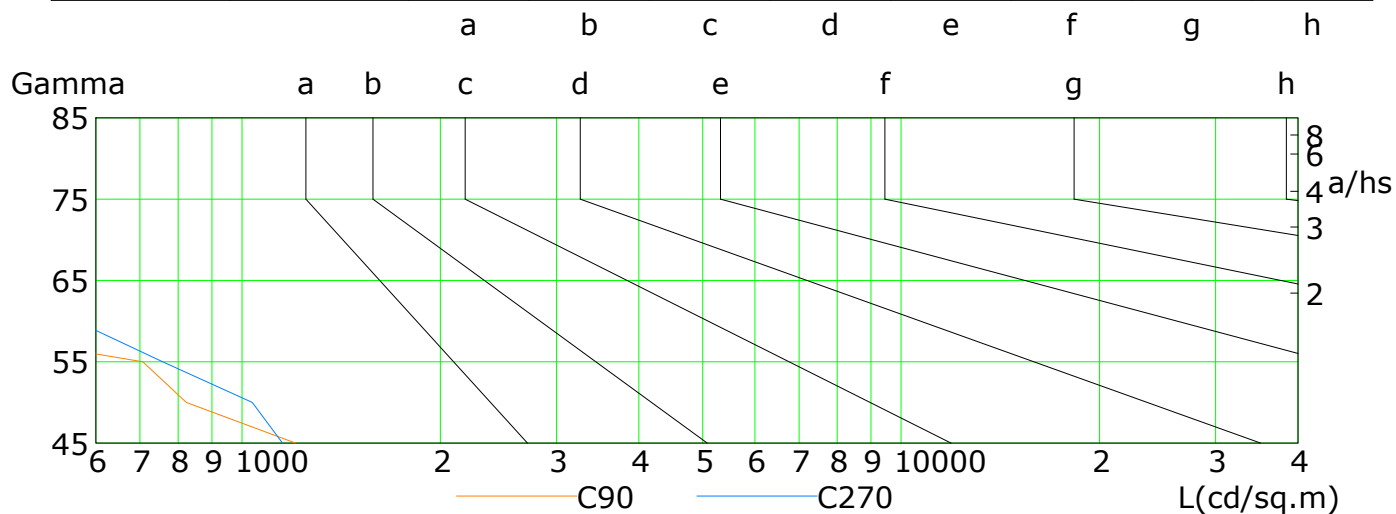
Mounting Height: 10.0m		Max Lux(100%): 17.4 lx	
— (1%):	0.2 lx	— (2%):	0.3 lx
— (5%):	0.9 lx	— (10%):	1.7 lx
— (20%):	3.5 lx	— (50%):	8.7 lx
— (100%):	17.4 lx		

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	1176	1052	904	718	514	326	161	32	7
C90	1205	823	707	306	96	64	32	9	2
C180	1226	1096	939	725	508	293	121	24	5
C270	1152	1036	758	560	369	178	66	32	11

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

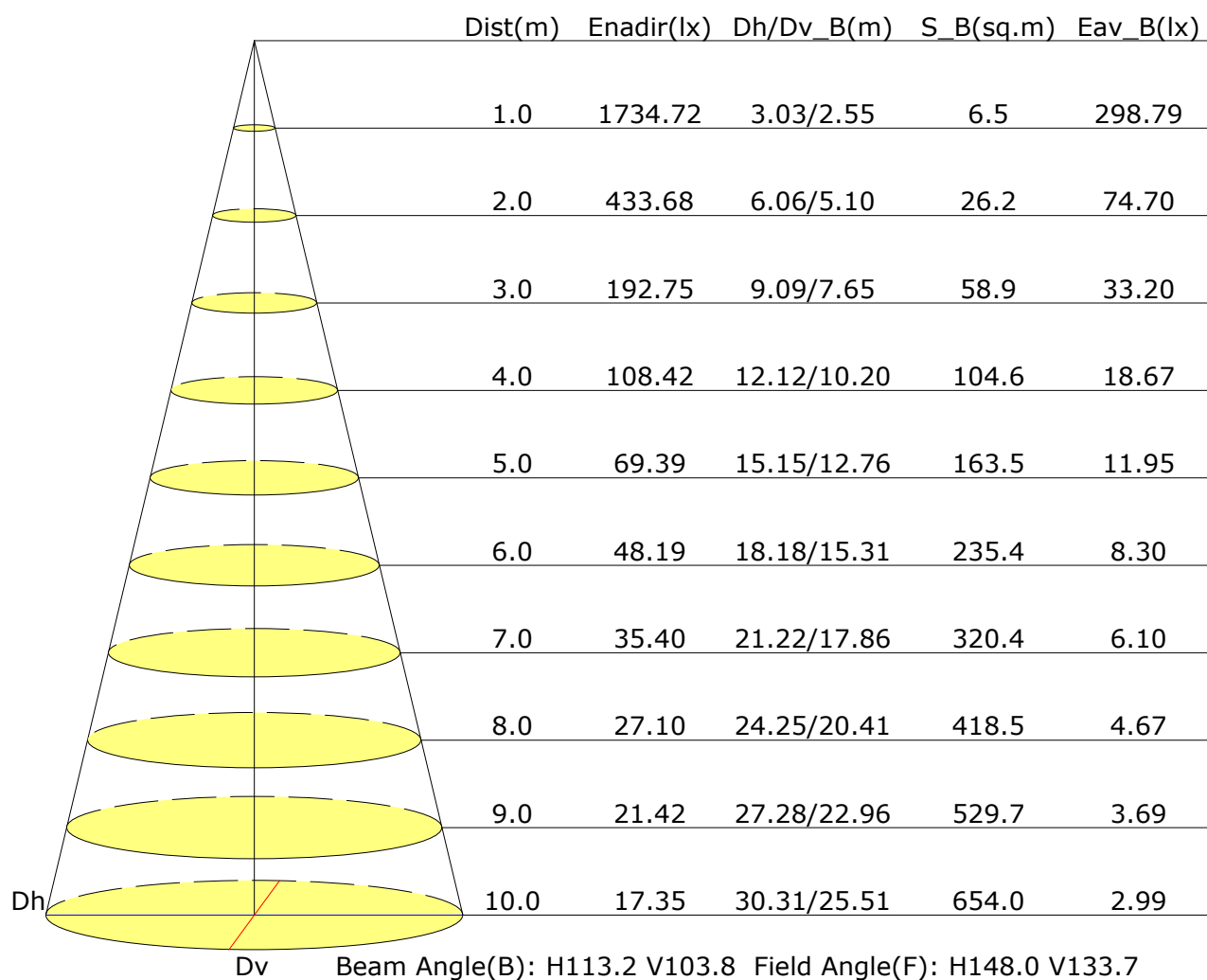
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

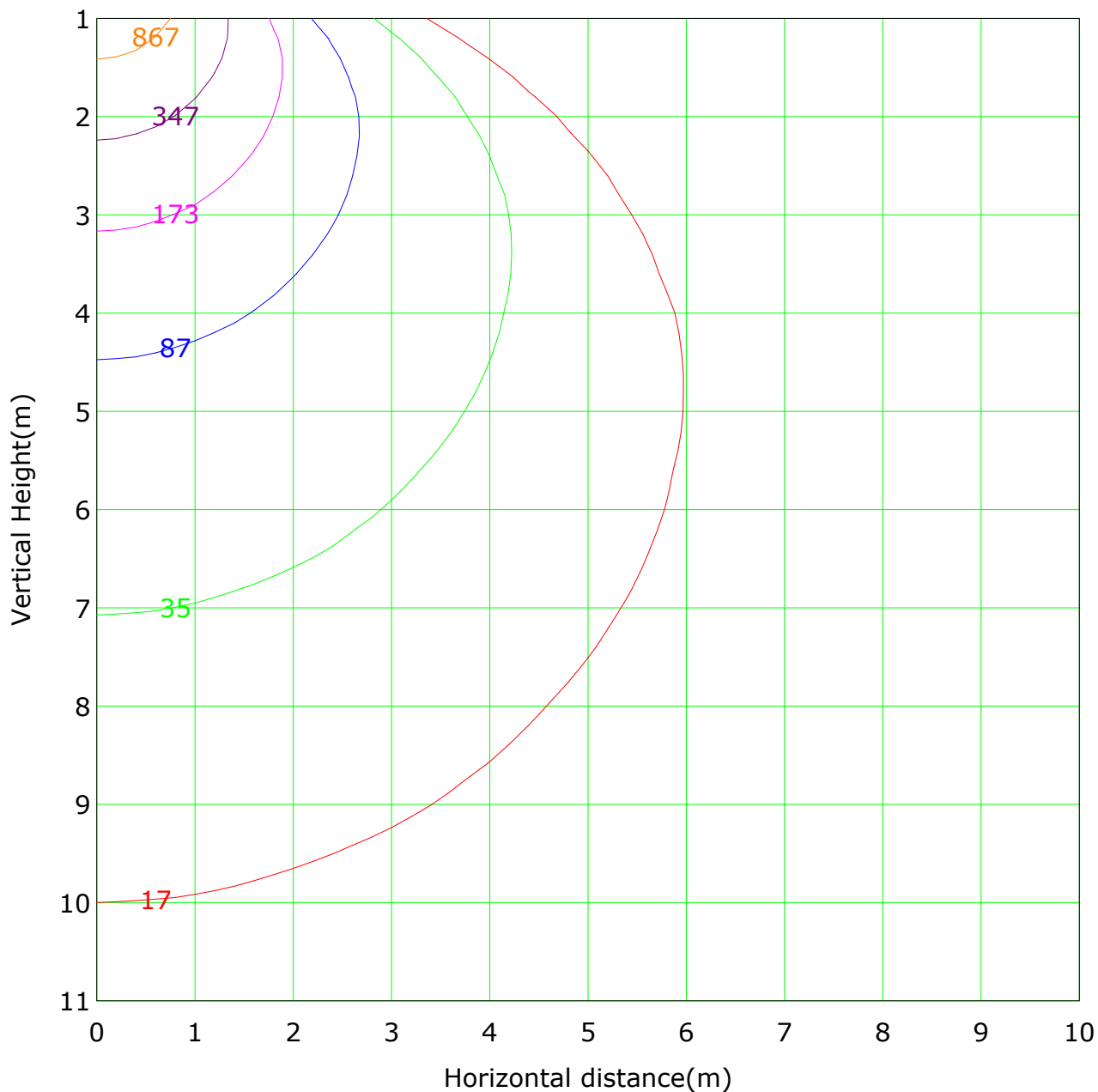
Illuminance at a Distance



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: 1734.7 lx

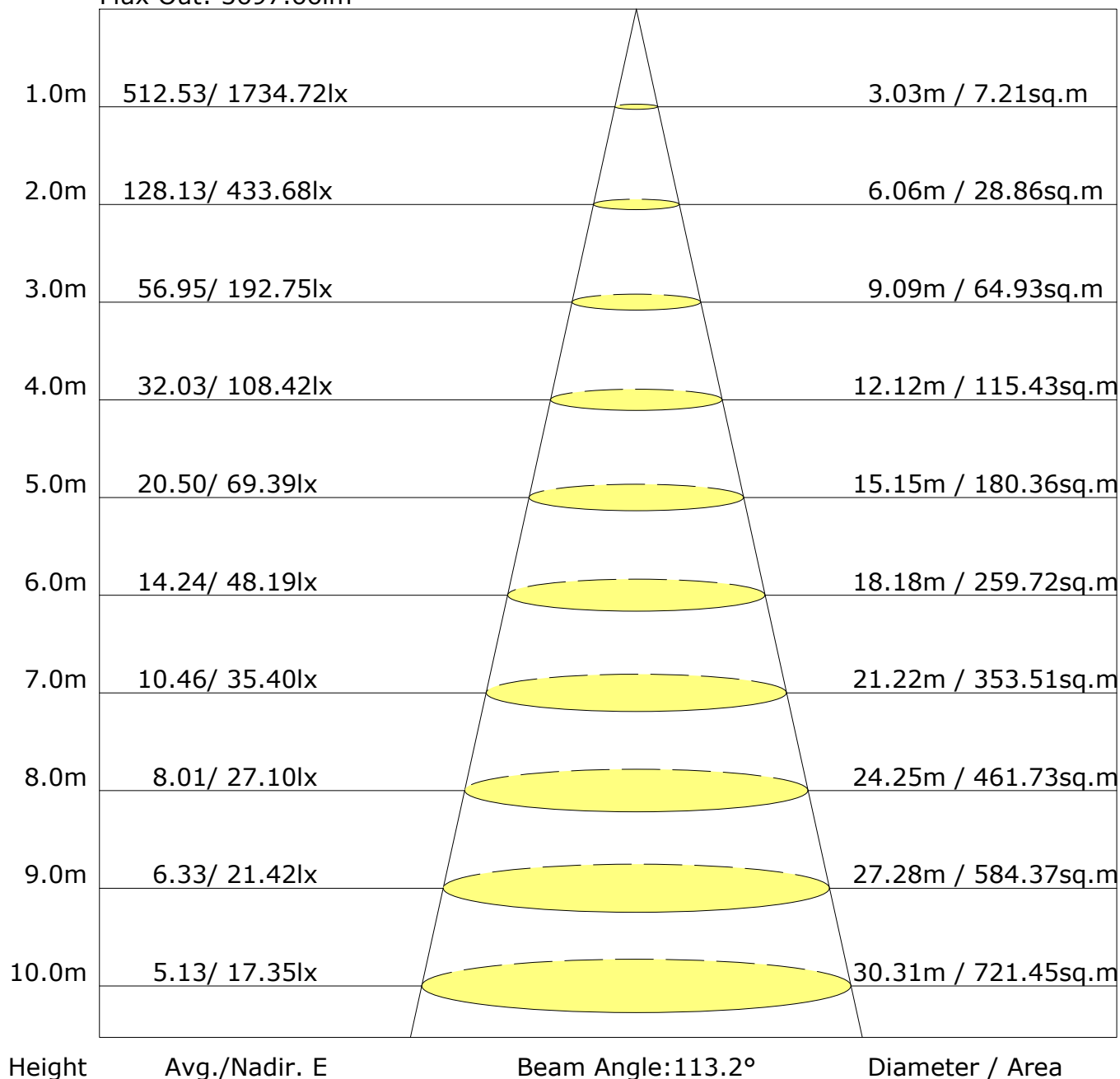
— (1%): 17.3 lx	— (2%): 34.7 lx
— (5%): 86.7 lx	— (10%): 173.5 lx
— (20%): 346.9 lx	— (50%): 867.4 lx
— (100%):1734.7 lx	

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

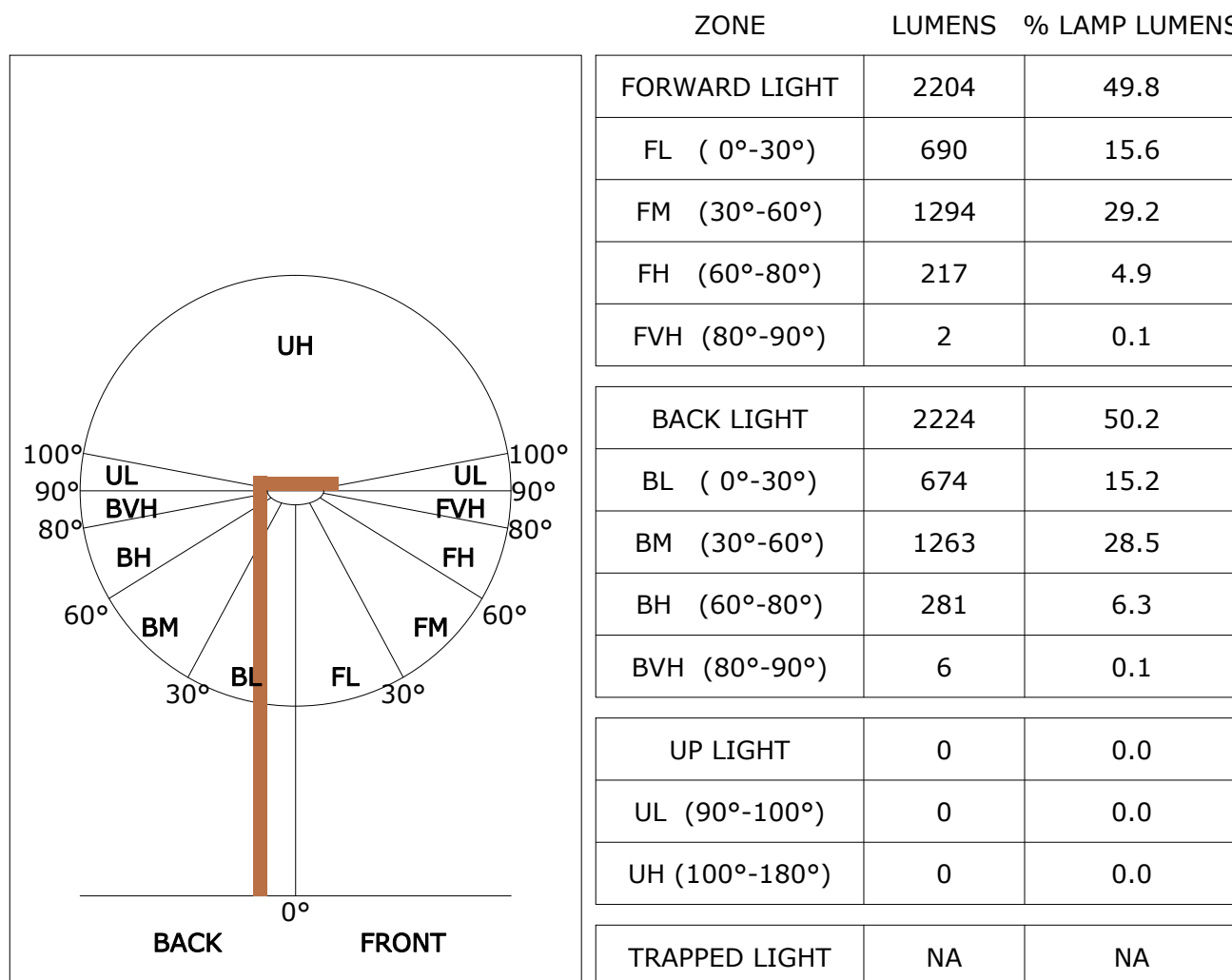
Flux Out: 3697.66lm



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	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7
G1.0	1732.8	1737.8	1736.8	1736.5	1730.1	1733.1	1738.8	1734.2	1733.6	1733.8
G2.0	1730.7	1737.8	1737.1	1735.9	1729.3	1733.0	1737.9	1734.0	1735.6	1733.7
G3.0	1728.9	1738.0	1736.7	1735.4	1728.3	1733.0	1738.1	1736.9	1735.8	1731.9
G4.0	1728.7	1736.9	1735.7	1733.4	1725.0	1732.9	1737.2	1738.2	1734.8	1728.3
G5.0	1727.3	1735.3	1733.9	1731.8	1721.9	1732.3	1736.4	1738.8	1732.8	1727.4
G6.0	1721.2	1733.2	1731.3	1729.9	1717.5	1731.7	1732.0	1737.4	1731.0	1724.6
G7.0	1717.3	1731.0	1728.0	1726.5	1715.7	1732.7	1731.1	1734.5	1730.6	1720.9
G8.0	1712.3	1727.9	1724.9	1721.9	1711.6	1730.0	1729.1	1730.5	1728.1	1716.3
G9.0	1705.1	1723.9	1721.3	1718.7	1709.0	1725.8	1724.9	1725.4	1724.4	1711.8
G10.0	1697.3	1720.3	1717.7	1714.4	1707.7	1721.5	1719.9	1719.6	1719.6	1704.6
G11.0	1690.1	1715.9	1714.4	1711.4	1707.3	1717.3	1715.4	1714.0	1715.5	1698.7
G12.0	1683.4	1712.0	1708.0	1708.1	1705.4	1714.1	1711.4	1710.8	1711.6	1690.6
G13.0	1676.0	1706.3	1703.4	1700.2	1701.1	1706.1	1705.9	1707.1	1704.1	1684.2
G14.0	1668.4	1700.5	1697.9	1694.5	1695.9	1700.4	1700.3	1702.9	1697.9	1677.8
G15.0	1659.2	1692.2	1692.1	1688.2	1691.0	1697.2	1694.4	1696.5	1690.4	1670.6
G16.0	1652.0	1684.7	1687.1	1682.2	1685.1	1687.1	1689.0	1687.3	1683.8	1662.9
G17.0	1644.3	1675.7	1680.5	1676.1	1679.4	1681.1	1683.4	1680.4	1675.8	1653.9
G18.0	1635.9	1667.1	1673.4	1668.9	1673.5	1674.6	1676.6	1670.6	1664.5	1643.4
G19.0	1625.5	1659.2	1667.5	1662.4	1667.2	1668.0	1666.2	1660.0	1654.1	1633.9
G20.0	1615.6	1647.9	1659.4	1658.4	1657.8	1660.1	1656.5	1650.1	1643.4	1625.5
G21.0	1605.1	1637.1	1650.3	1650.6	1648.4	1651.7	1646.9	1639.4	1631.7	1616.4
G22.0	1590.9	1626.3	1641.0	1641.4	1638.3	1643.0	1636.3	1632.0	1619.9	1605.8
G23.0	1573.2	1617.5	1628.3	1631.1	1628.5	1632.5	1627.2	1621.6	1608.5	1592.5
G24.0	1563.9	1606.7	1617.4	1621.4	1619.5	1622.5	1616.2	1610.6	1598.0	1580.5
G25.0	1550.8	1595.6	1605.7	1608.4	1607.9	1610.5	1604.9	1598.8	1586.2	1567.1
G26.0	1536.0	1583.0	1593.0	1597.3	1595.7	1597.5	1594.1	1585.4	1575.4	1551.9
G27.0	1519.6	1567.2	1580.9	1586.5	1581.9	1585.9	1582.8	1572.5	1564.0	1533.4
G28.0	1503.8	1555.0	1568.7	1573.5	1566.9	1575.0	1569.8	1559.0	1551.1	1518.9
G29.0	1488.8	1541.8	1556.5	1559.9	1553.2	1561.9	1556.7	1546.1	1534.1	1506.5
G30.0	1469.6	1528.9	1543.0	1545.4	1533.2	1547.8	1544.4	1533.1	1520.7	1493.3
G31.0	1454.4	1513.2	1529.6	1532.2	1516.9	1533.6	1529.0	1515.2	1505.1	1478.6
G32.0	1439.2	1496.8	1513.5	1517.3	1500.7	1516.3	1511.6	1500.9	1488.3	1465.1
G33.0	1422.3	1479.6	1497.5	1499.9	1487.2	1497.4	1493.0	1484.2	1471.5	1449.8
G34.0	1406.0	1462.2	1480.1	1481.3	1469.8	1477.6	1475.0	1467.1	1455.0	1432.6
G35.0	1388.4	1444.3	1464.1	1462.3	1453.1	1457.0	1458.2	1449.0	1437.6	1414.1
G36.0	1367.8	1426.4	1446.3	1439.5	1429.6	1437.0	1441.8	1431.0	1420.3	1395.2

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	1349.7	1408.4	1428.0	1417.1	1409.8	1412.5	1423.7	1412.4	1401.2	1373.0
G38.0	1331.3	1387.8	1409.4	1394.0	1386.8	1390.3	1404.8	1393.5	1378.5	1352.7
G39.0	1311.9	1369.5	1386.8	1369.6	1362.0	1364.6	1384.3	1373.1	1359.4	1333.0
G40.0	1290.4	1350.5	1364.9	1345.5	1336.0	1338.5	1361.5	1353.4	1339.2	1310.8
G41.0	1268.2	1330.4	1342.0	1319.0	1310.5	1312.0	1334.4	1331.4	1317.9	1291.5
G42.0	1245.8	1306.7	1314.7	1288.3	1283.6	1285.5	1311.0	1307.6	1296.4	1270.9
G43.0	1224.1	1284.2	1290.1	1263.3	1257.3	1258.6	1287.0	1285.5	1270.9	1247.6
G44.0	1201.6	1260.8	1264.9	1235.8	1232.2	1231.3	1259.4	1263.8	1248.6	1226.0
G45.0	1176.2	1236.4	1237.3	1213.1	1205.1	1204.4	1231.4	1241.6	1226.4	1203.6
G46.0	1148.4	1211.3	1207.7	1187.9	1181.2	1180.9	1203.2	1215.1	1203.1	1179.9
G47.0	1125.1	1185.5	1182.6	1163.6	1156.6	1155.4	1174.1	1187.7	1176.9	1151.5
G48.0	1104.0	1159.9	1148.8	1134.7	1120.3	1125.8	1142.2	1157.6	1148.8	1124.7
G49.0	1078.7	1133.6	1120.6	1109.1	965.7	1100.2	1111.4	1129.1	1122.1	1097.2
G50.0	1052.5	1105.7	1090.6	1074.9	823.1	1073.9	1081.5	1100.3	1096.0	1069.4
G51.0	1023.6	1077.9	1060.7	955.5	793.4	991.0	1049.4	1071.2	1066.6	1036.6
G52.0	995.6	1050.4	1031.6	800.6	775.3	808.8	1015.6	1044.5	1037.3	1008.1
G53.0	967.8	1021.5	1003.5	759.6	752.1	750.1	985.3	1015.2	1002.2	977.5
G54.0	934.2	991.9	970.0	736.0	729.2	728.7	955.7	986.2	971.3	946.2
G55.0	904.3	954.9	941.0	708.5	706.8	706.4	926.0	955.0	938.7	915.0
G56.0	873.6	926.6	908.7	686.0	621.5	681.3	893.5	918.6	904.9	884.0
G57.0	825.8	893.4	879.3	660.7	469.3	655.1	859.8	880.8	869.7	850.1
G58.0	784.1	855.3	802.9	583.2	436.1	608.2	819.5	838.1	825.8	815.4
G59.0	754.9	811.1	654.1	433.3	383.9	444.5	717.6	797.3	770.0	783.3
G60.0	717.8	755.3	597.3	403.6	305.6	399.0	585.7	759.4	724.9	735.4
G61.0	676.3	716.6	570.6	352.0	291.2	356.6	552.3	711.9	688.6	673.0
G62.0	632.6	677.5	545.4	287.0	277.0	282.6	524.8	655.0	639.5	637.5
G63.0	599.1	625.7	514.6	274.4	263.7	266.2	494.5	606.0	592.2	605.1
G64.0	568.9	585.6	485.4	257.3	133.1	250.6	464.4	566.2	556.8	550.5
G65.0	513.6	538.2	358.9	239.1	96.2	235.7	402.8	505.6	508.4	506.1
G66.0	479.7	501.1	292.2	98.1	89.9	116.2	274.7	467.4	460.6	473.9
G67.0	448.1	464.5	262.2	86.1	84.2	87.1	246.5	417.9	426.8	418.2
G68.0	398.8	423.1	201.9	80.6	78.3	80.3	185.6	375.5	369.4	388.1
G69.0	369.9	388.5	178.7	75.4	71.1	74.2	161.8	330.7	340.1	339.3
G70.0	325.8	343.3	163.5	68.3	63.9	67.8	144.8	285.1	293.4	303.7
G71.0	295.3	297.8	94.3	61.3	57.4	60.1	126.6	255.6	260.5	264.1
G72.0	254.5	233.1	62.2	54.7	50.8	54.0	59.4	212.3	215.4	233.3
G73.0	225.0	184.5	56.4	48.2	44.6	47.4	52.5	157.9	183.6	191.9

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	194.0	155.3	49.8	41.7	38.5	41.4	46.6	110.7	153.7	142.1
G75.0	160.9	125.3	43.7	34.8	31.9	35.2	40.5	86.8	120.8	110.3
G76.0	128.8	86.9	36.3	29.8	27.2	29.3	33.9	69.1	95.9	89.6
G77.0	100.4	60.6	30.7	23.7	21.4	23.6	28.6	43.3	74.5	71.3
G78.0	74.3	39.0	25.2	19.5	16.8	18.6	22.7	32.0	56.0	54.3
G79.0	51.2	29.3	19.9	14.1	12.6	13.5	18.0	23.9	36.5	39.6
G80.0	31.8	21.6	15.1	10.5	8.9	9.6	13.7	18.5	23.8	27.3
G81.0	20.2	16.7	10.8	7.0	5.7	6.3	9.4	13.7	16.7	20.6
G82.0	15.6	12.0	6.9	4.2	2.7	3.4	6.6	9.9	12.8	16.2
G83.0	12.0	9.1	4.4	2.2	2.1	1.6	4.6	7.1	9.4	11.8
G84.0	9.1	6.3	2.7	1.8	1.9	1.2	2.5	4.8	6.8	8.9
G85.0	6.6	4.3	1.8	1.7	1.9	1.2	1.8	2.6	4.9	6.5
G86.0	4.9	3.0	1.8	1.6	2.1	0.9	1.2	2.8	3.5	4.2
G87.0	3.8	2.3	1.4	1.4	1.4	0.0	1.4	1.6	2.8	3.0
G88.0	2.4	2.0	1.6	1.3	1.5	0.0	1.8	1.4	2.2	2.9
G89.0	1.9	2.2	1.3	1.5	1.1	0.8	1.2	1.2	2.1	2.3
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	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7	1734.7			
G1.0	1730.4	1733.3	1736.7	1733.5	1731.6	1734.5	1732.8			
G2.0	1727.7	1731.7	1738.9	1732.3	1729.7	1736.3	1730.7			
G3.0	1724.9	1728.9	1739.1	1730.1	1728.3	1736.1	1728.9			
G4.0	1721.8	1725.5	1736.6	1724.6	1726.4	1733.7	1728.7			
G5.0	1719.2	1723.4	1731.0	1719.2	1720.5	1728.6	1727.3			
G6.0	1716.6	1722.9	1721.7	1715.3	1716.1	1722.3	1721.2			
G7.0	1714.8	1718.4	1714.7	1711.4	1710.8	1713.3	1717.3			
G8.0	1710.1	1714.9	1708.7	1706.8	1704.9	1707.8	1712.3			
G9.0	1705.1	1711.9	1704.2	1701.1	1700.3	1702.1	1705.1			
G10.0	1699.0	1705.8	1698.3	1695.6	1695.0	1697.3	1697.3			
G11.0	1692.6	1694.9	1693.6	1688.6	1688.2	1692.6	1690.1			
G12.0	1685.3	1686.8	1686.0	1681.7	1682.2	1686.2	1683.4			
G13.0	1673.1	1679.9	1678.3	1674.7	1675.3	1678.7	1676.0			
G14.0	1664.6	1671.9	1670.7	1669.1	1666.9	1670.9	1668.4			
G15.0	1656.0	1664.7	1662.4	1658.1	1655.7	1660.5	1659.2			
G16.0	1646.5	1656.5	1651.6	1650.5	1641.0	1650.6	1652.0			
G17.0	1638.0	1647.6	1640.8	1641.9	1632.6	1642.2	1644.3			
G18.0	1630.5	1638.4	1635.7	1632.0	1625.5	1634.8	1635.9			
G19.0	1621.2	1628.8	1627.8	1622.4	1614.7	1623.5	1625.5			
G20.0	1610.5	1618.4	1618.1	1606.7	1603.6	1611.3	1615.6			
G21.0	1598.9	1605.2	1608.4	1594.3	1591.2	1597.0	1605.1			
G22.0	1587.3	1592.7	1593.0	1583.2	1582.1	1583.6	1590.9			
G23.0	1575.5	1578.4	1581.4	1570.9	1566.0	1572.4	1573.2			
G24.0	1560.8	1563.5	1567.8	1558.8	1550.7	1561.2	1563.9			
G25.0	1548.4	1548.9	1553.2	1545.4	1537.3	1544.4	1550.8			
G26.0	1535.4	1531.9	1540.6	1530.8	1519.9	1527.9	1536.0			
G27.0	1520.8	1515.1	1524.5	1517.1	1503.2	1511.9	1519.6			
G28.0	1505.4	1496.1	1501.9	1501.3	1487.5	1495.3	1503.8			
G29.0	1485.9	1478.9	1484.3	1485.2	1472.6	1480.2	1488.8			
G30.0	1470.6	1461.5	1472.4	1465.0	1455.7	1466.3	1469.6			
G31.0	1454.5	1443.7	1455.6	1446.9	1436.9	1451.9	1454.4			
G32.0	1435.4	1427.9	1432.9	1426.4	1417.3	1435.8	1439.2			
G33.0	1416.1	1408.8	1411.6	1408.1	1400.3	1417.7	1422.3			
G34.0	1398.0	1389.6	1392.4	1390.8	1381.1	1399.0	1406.0			
G35.0	1376.5	1371.4	1374.0	1370.3	1362.4	1375.4	1388.4			
G36.0	1356.7	1352.9	1354.9	1349.3	1342.6	1356.3	1367.8			

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	1334.5	1329.1	1330.1	1325.8	1320.7	1336.1	1349.7			
G38.0	1308.0	1310.6	1309.8	1303.9	1298.5	1316.2	1331.3			
G39.0	1288.1	1289.6	1290.5	1282.2	1276.5	1297.4	1311.9			
G40.0	1266.8	1267.2	1268.5	1259.2	1254.3	1279.0	1290.4			
G41.0	1246.1	1244.5	1242.0	1237.6	1234.8	1258.4	1268.2			
G42.0	1224.9	1221.1	1218.1	1214.1	1211.4	1235.8	1245.8			
G43.0	1202.2	1198.1	1199.0	1190.2	1184.6	1213.0	1224.1			
G44.0	1179.1	1172.9	1174.1	1166.1	1161.5	1189.8	1201.6			
G45.0	1153.8	1147.5	1151.7	1142.9	1138.6	1166.5	1176.2			
G46.0	1128.6	1124.7	1128.5	1116.2	1114.4	1137.9	1148.4			
G47.0	1102.4	1098.0	1100.1	1093.6	1089.5	1111.6	1125.1			
G48.0	1075.7	1072.1	1074.0	1069.8	1064.0	1085.0	1104.0			
G49.0	1048.2	1044.6	1056.5	1046.7	1037.8	1057.7	1078.7			
G50.0	1022.3	1018.5	1036.3	1021.1	1012.6	1028.2	1052.5			
G51.0	996.0	992.7	1003.9	994.4	984.7	1001.1	1023.6			
G52.0	966.2	962.3	971.0	967.7	953.6	973.7	995.6			
G53.0	934.0	932.7	945.2	941.1	924.5	943.4	967.8			
G54.0	904.4	899.8	887.3	911.0	895.3	912.9	934.2			
G55.0	875.9	868.7	757.9	876.2	866.9	884.2	904.3			
G56.0	845.7	793.9	676.7	834.2	834.2	852.9	873.6			
G57.0	814.6	673.8	642.1	728.6	802.7	821.0	825.8			
G58.0	783.8	614.9	617.1	635.4	772.4	785.9	784.1			
G59.0	754.1	584.9	591.3	589.3	742.7	728.3	754.9			
G60.0	720.9	558.7	560.1	560.9	711.1	692.1	717.8			
G61.0	686.0	530.9	527.3	534.6	680.7	661.2	676.3			
G62.0	638.5	503.9	504.2	509.8	648.2	626.6	632.6			
G63.0	533.9	477.6	454.5	483.8	609.3	576.0	599.1			
G64.0	467.0	451.6	395.1	457.7	512.5	541.0	568.9			
G65.0	435.3	381.2	369.0	412.0	426.6	510.9	513.6			
G66.0	403.1	347.1	299.0	356.6	390.0	463.7	479.7			
G67.0	363.1	320.8	226.2	332.5	364.8	429.2	448.1			
G68.0	338.0	222.1	210.4	248.9	339.7	396.4	398.8			
G69.0	308.1	194.1	194.2	199.8	305.4	352.0	369.9			
G70.0	255.0	180.4	177.8	184.4	282.3	325.3	325.8			
G71.0	220.1	166.6	99.3	169.8	226.3	281.0	295.3			
G72.0	177.9	95.7	90.2	128.6	194.2	253.0	254.5			
G73.0	126.2	82.4	83.4	84.3	144.7	217.8	225.0			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	110.0	74.7	74.3	77.0	111.3	185.2	194.0			
G75.0	94.5	66.7	65.7	70.0	97.3	154.2	160.9			
G76.0	57.7	58.4	57.8	61.4	84.5	112.8	128.8			
G77.0	49.9	51.0	51.0	53.5	53.1	87.6	100.4			
G78.0	43.0	43.4	43.9	45.9	45.4	66.8	74.3			
G79.0	35.6	37.5	37.3	39.0	38.4	50.9	51.2			
G80.0	29.3	31.6	32.3	32.7	32.2	32.3	31.8			
G81.0	23.7	26.0	26.7	27.0	26.3	22.5	20.2			
G82.0	19.2	20.8	21.7	22.4	21.3	18.1	15.6			
G83.0	14.6	16.9	17.4	18.0	16.5	13.4	12.0			
G84.0	10.8	12.7	14.2	14.1	12.9	9.7	9.1			
G85.0	7.7	9.3	11.0	11.0	9.1	6.5	6.6			
G86.0	4.9	6.5	8.0	7.2	6.3	4.2	4.9			
G87.0	3.3	4.7	5.5	4.6	4.8	3.1	3.8			
G88.0	2.4	3.0	3.8	3.2	3.3	1.7	2.4			
G89.0	2.3	2.3	2.5	2.2	2.0	1.9	1.9			
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			

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: