

Report No.:

Test Time: 2023/11/3 星期五 22:13

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.341 A
Power Factor: 0.967

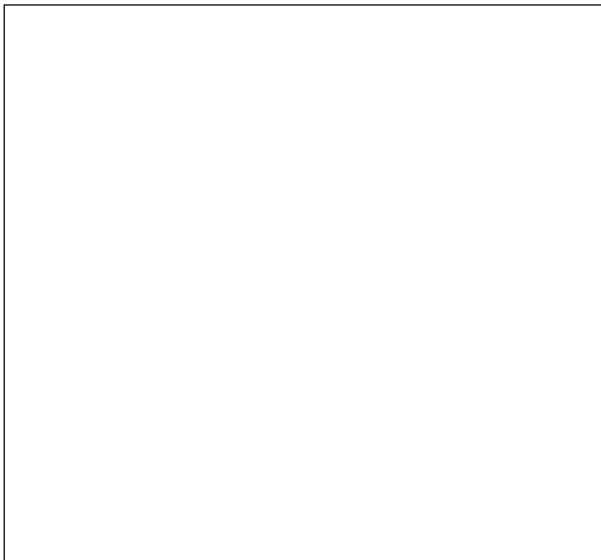
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 480.0 V
Power: 158.50 W

Photometric Results

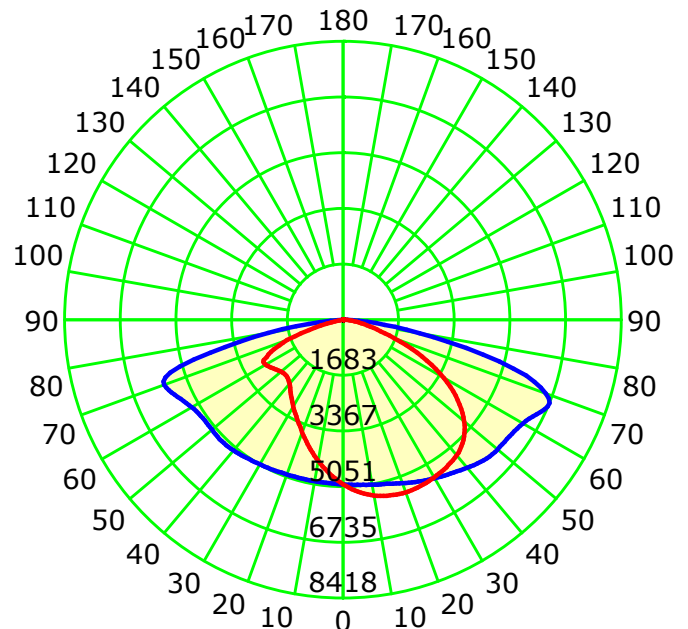
CIE Class: Direct
Measurement Flux: 21383.6 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H169.6,H156.5
Vertical Diffuse Angle(10%,50%): V155.2,V129.3
Luminaire Efficacy Rating (LER): 134.96
Max. Intensity: 6735.09 cd
S/MH(C0/C180): 1.67

Total Rated Lamp Lumens: 21383.6 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 4978.2 cd
Pos of Max. Intensity: H0 V68
S/MH(C90/C270): 1.28

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

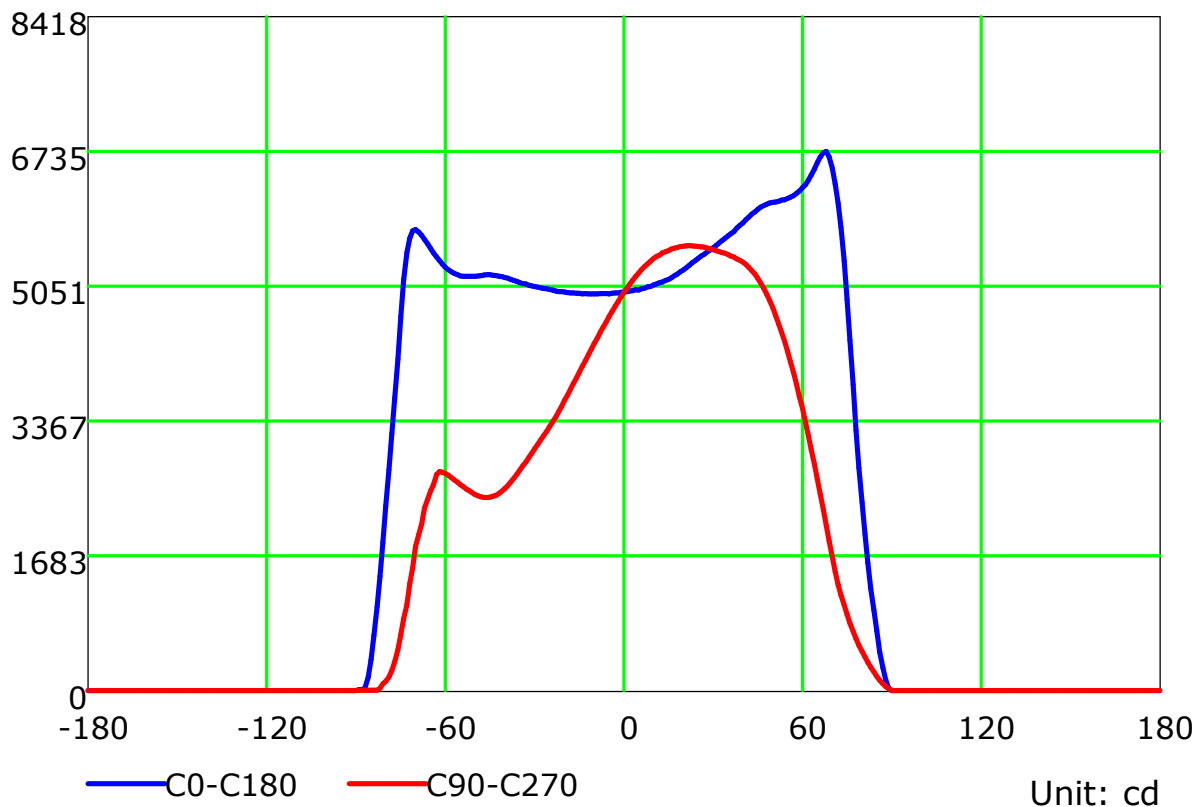
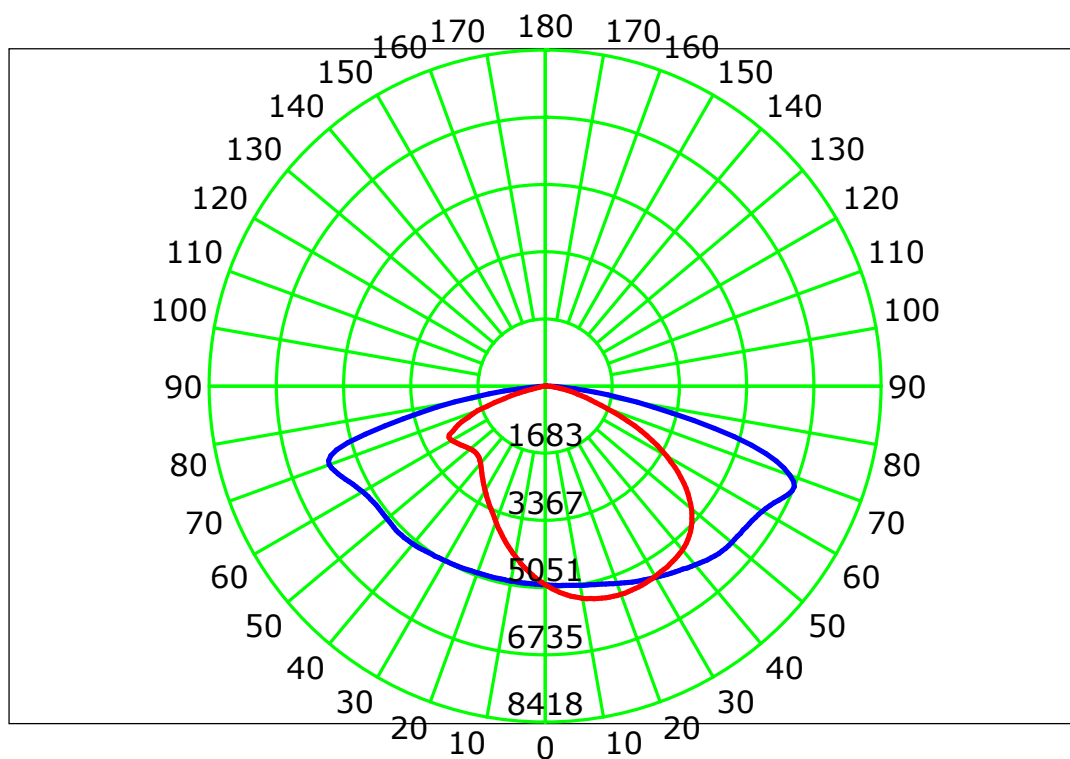
Average Diffuse Angle(50%): 127.1°

— C0-C180 — C90-C270

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
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Gamma Plane (°):0.0-180.0:1.0
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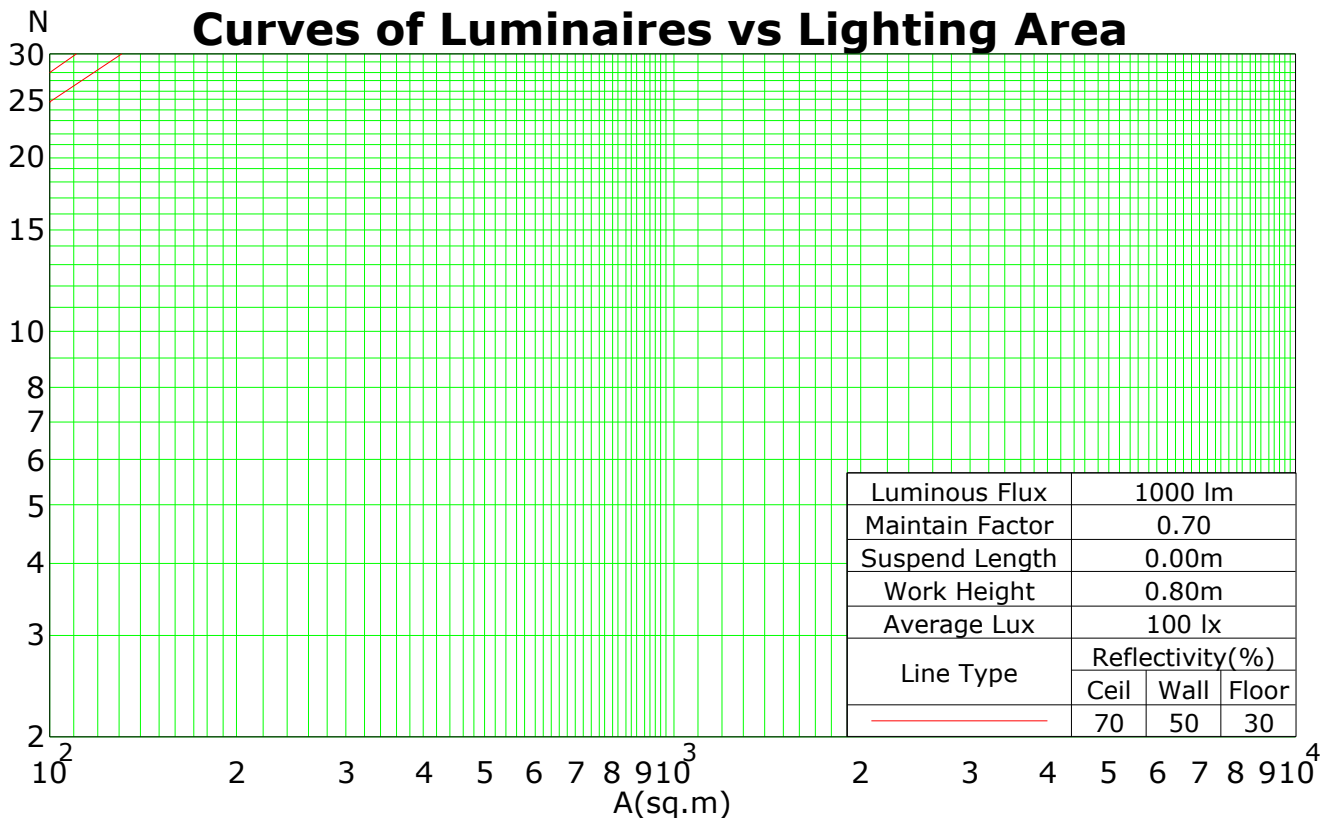
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RC | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0 |
| RW | 0.7 | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0 |
| RCR | RF = 0.2 | | | | | | | | | | | | | | | | | |
| 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.07 | 1.01 | 0.96 | 0.92 | 1.04 | 0.99 | 0.95 | 0.90 | 0.95 | 0.91 | 0.88 | 0.91 | 0.88 | 0.85 | 0.87 | 0.85 | 0.82 | 0.80 |
| 2 | 0.96 | 0.86 | 0.78 | 0.72 | 0.93 | 0.84 | 0.77 | 0.71 | 0.80 | 0.74 | 0.69 | 0.77 | 0.72 | 0.67 | 0.74 | 0.70 | 0.66 | 0.64 |
| 3 | 0.86 | 0.74 | 0.65 | 0.57 | 0.83 | 0.72 | 0.64 | 0.57 | 0.69 | 0.62 | 0.56 | 0.66 | 0.60 | 0.55 | 0.64 | 0.58 | 0.54 | 0.51 |
| 4 | 0.78 | 0.64 | 0.55 | 0.47 | 0.75 | 0.63 | 0.54 | 0.47 | 0.60 | 0.52 | 0.46 | 0.58 | 0.51 | 0.45 | 0.56 | 0.50 | 0.45 | 0.42 |
| 5 | 0.71 | 0.57 | 0.47 | 0.39 | 0.69 | 0.56 | 0.46 | 0.39 | 0.53 | 0.45 | 0.39 | 0.51 | 0.44 | 0.38 | 0.49 | 0.43 | 0.38 | 0.35 |
| 6 | 0.65 | 0.51 | 0.41 | 0.34 | 0.63 | 0.50 | 0.40 | 0.34 | 0.48 | 0.39 | 0.33 | 0.46 | 0.38 | 0.33 | 0.44 | 0.38 | 0.32 | 0.30 |
| 7 | 0.60 | 0.45 | 0.36 | 0.29 | 0.58 | 0.45 | 0.35 | 0.29 | 0.43 | 0.35 | 0.29 | 0.41 | 0.34 | 0.29 | 0.40 | 0.33 | 0.28 | 0.26 |
| 8 | 0.56 | 0.41 | 0.32 | 0.26 | 0.54 | 0.40 | 0.32 | 0.26 | 0.39 | 0.31 | 0.25 | 0.38 | 0.30 | 0.25 | 0.36 | 0.30 | 0.25 | 0.23 |
| 9 | 0.52 | 0.38 | 0.29 | 0.23 | 0.50 | 0.37 | 0.28 | 0.23 | 0.36 | 0.28 | 0.23 | 0.35 | 0.27 | 0.22 | 0.33 | 0.27 | 0.22 | 0.20 |
| 10 | 0.49 | 0.34 | 0.26 | 0.20 | 0.47 | 0.34 | 0.26 | 0.20 | 0.33 | 0.25 | 0.20 | 0.32 | 0.25 | 0.20 | 0.31 | 0.25 | 0.20 | 0.18 |

Spacing Criteria (0-180): 1.67

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.63



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

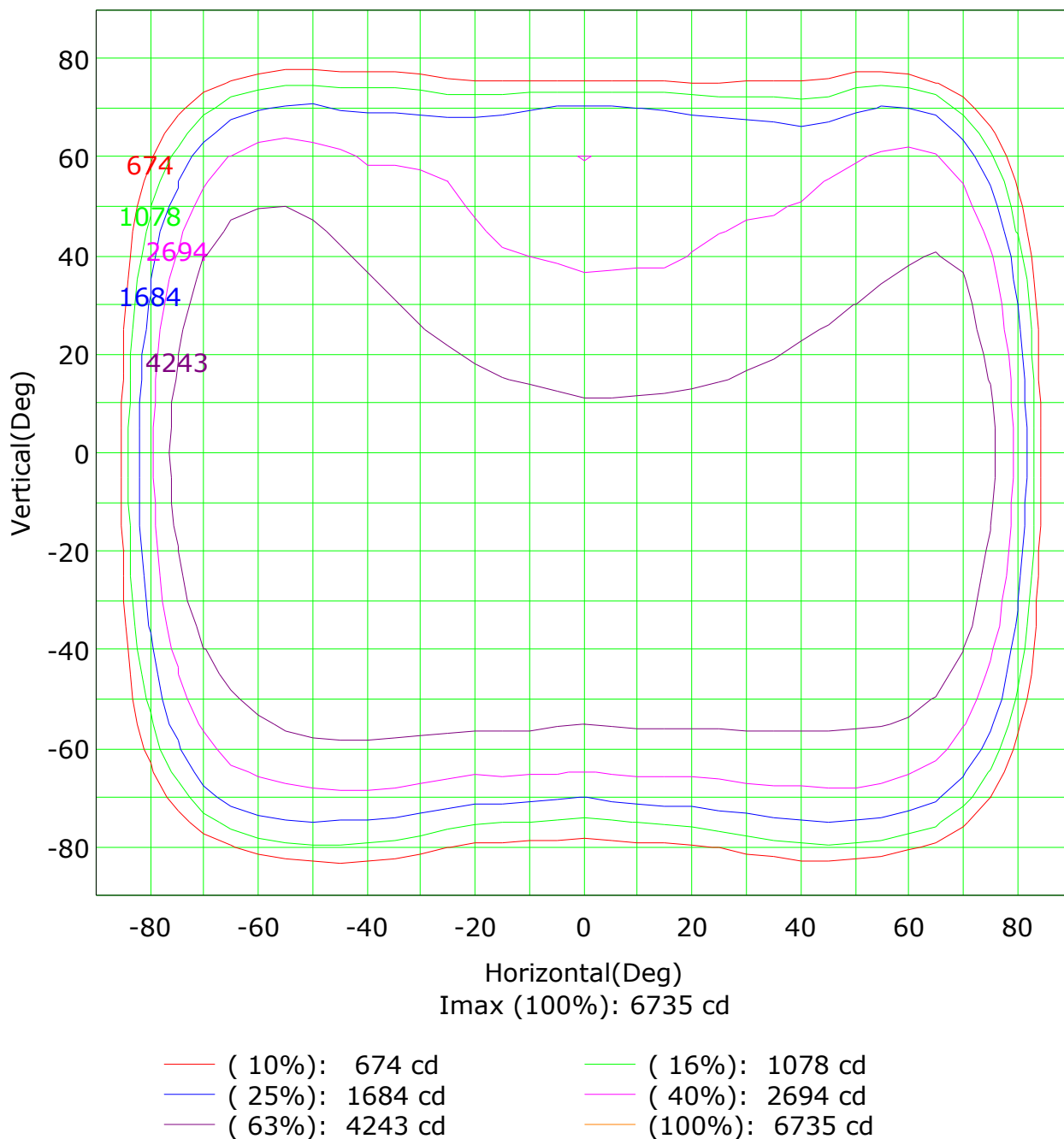
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

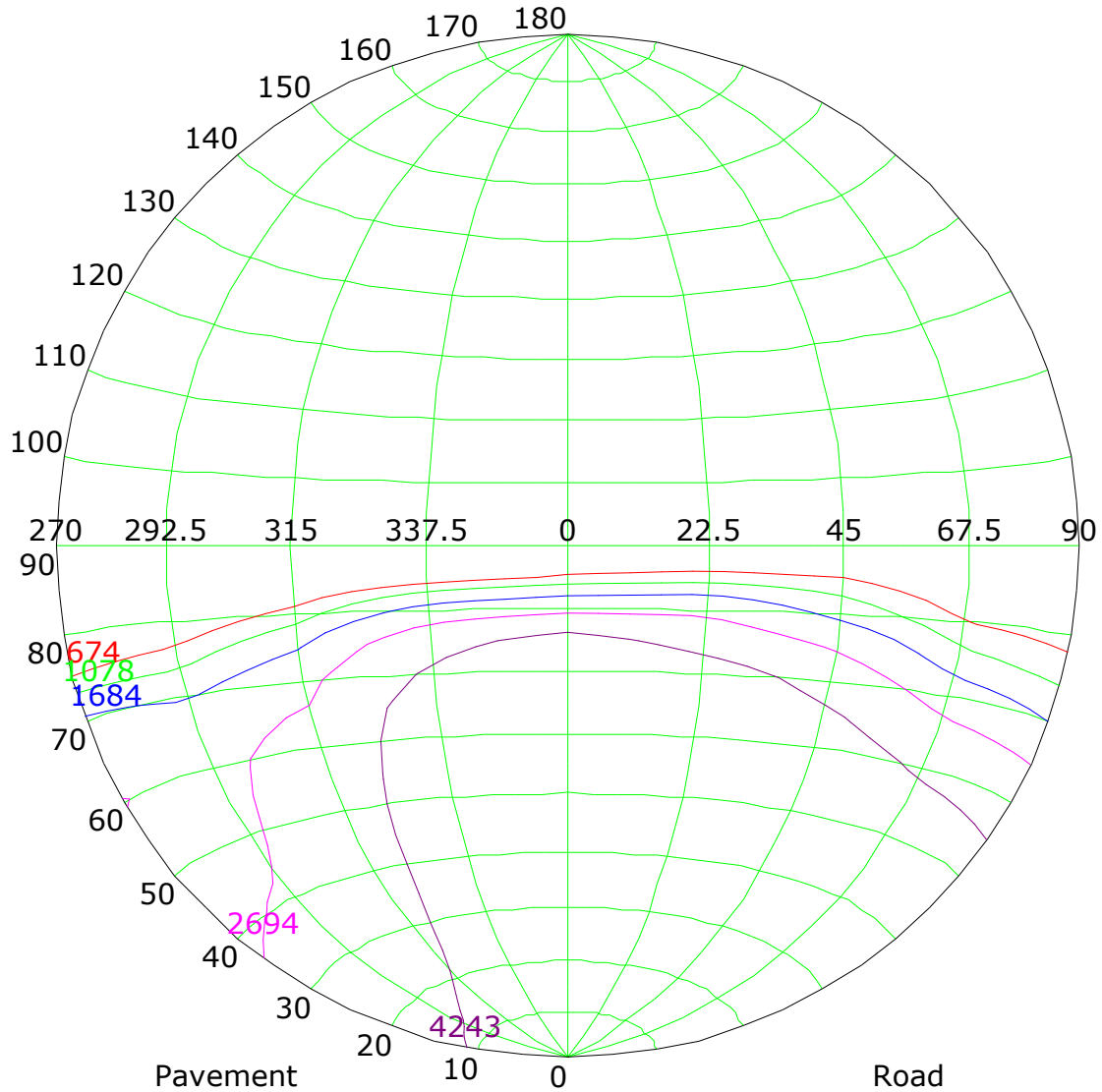
Isocandela (rectangle)



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 6735 cd

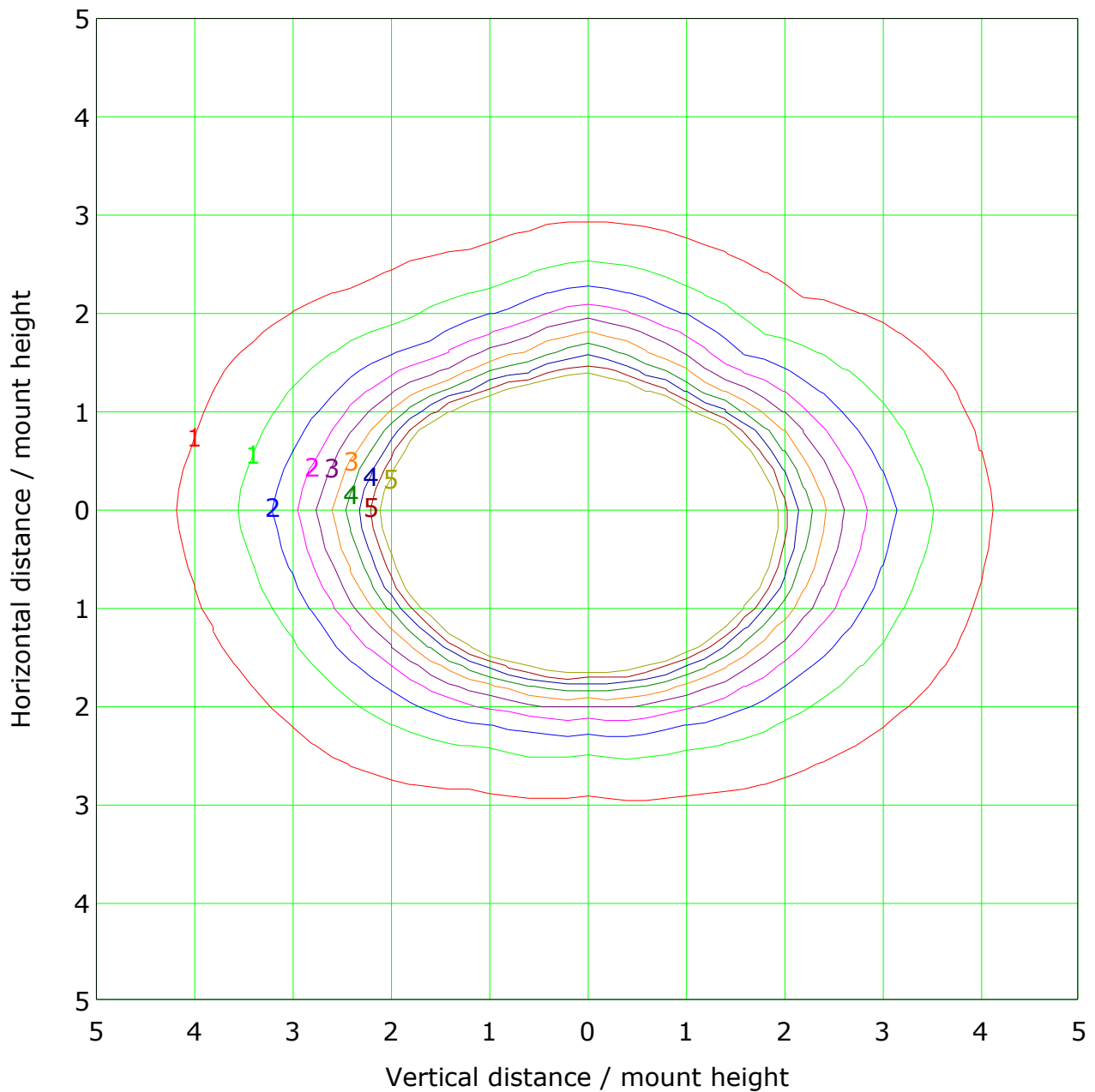
(10%): 674 cd
(25%): 1684 cd
(63%): 4243 cd

(16%): 1078 cd
(40%): 2694 cd
(100%): 6735 cd

CIE: narrow - intermediate
CIE: Non-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Semi-cut-off
Max.At80: 115.869 cd/klm
Max.80-90: 115.869 cd/klm

IsoLux Plot



| | |
|--|----------------|
| Mounting Height: 10.0m Max Lux(100%): 51.8 lx | |
| (1%): 0.5 lx | (2%): 1.0 lx |
| (3%): 1.6 lx | (4%): 2.1 lx |
| (5%): 2.6 lx | (6%): 3.1 lx |
| (7%): 3.6 lx | (8%): 4.1 lx |
| (9%): 4.7 lx | (10%): 5.2 lx |

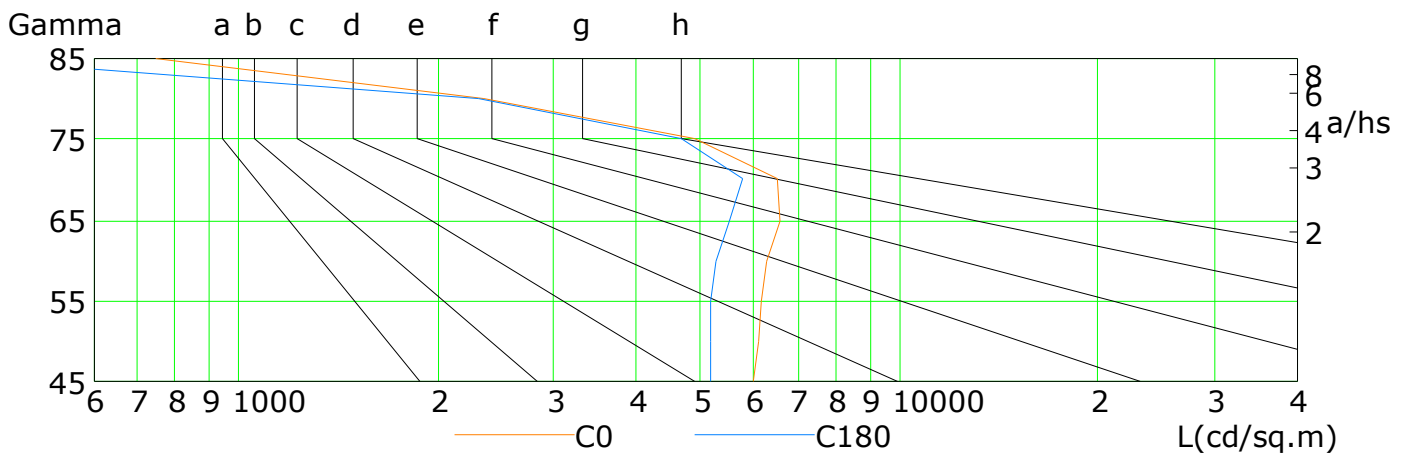
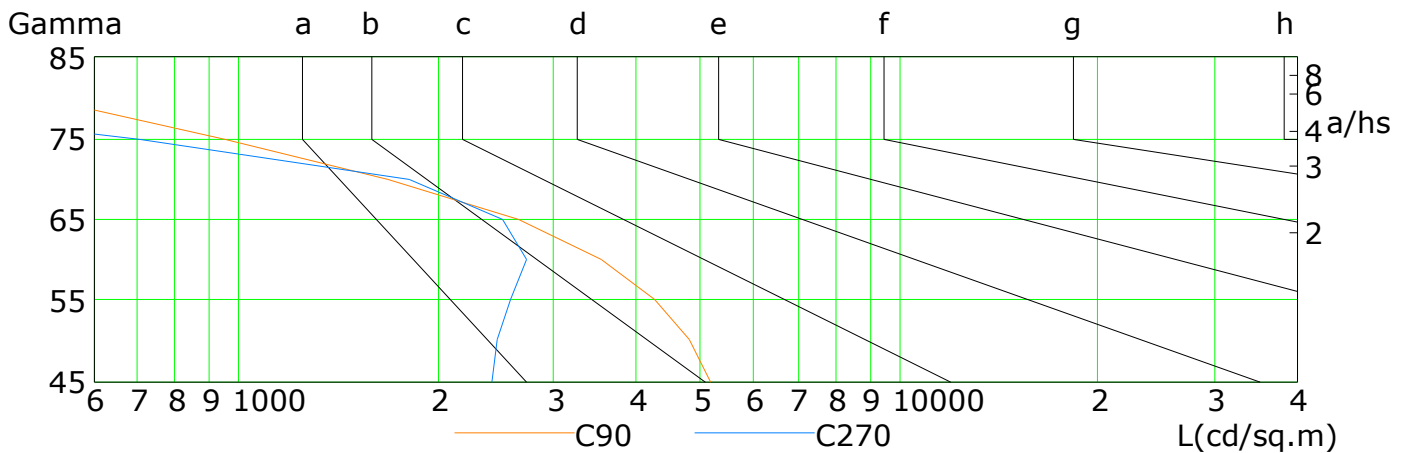
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
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 |

a b c d e f g h

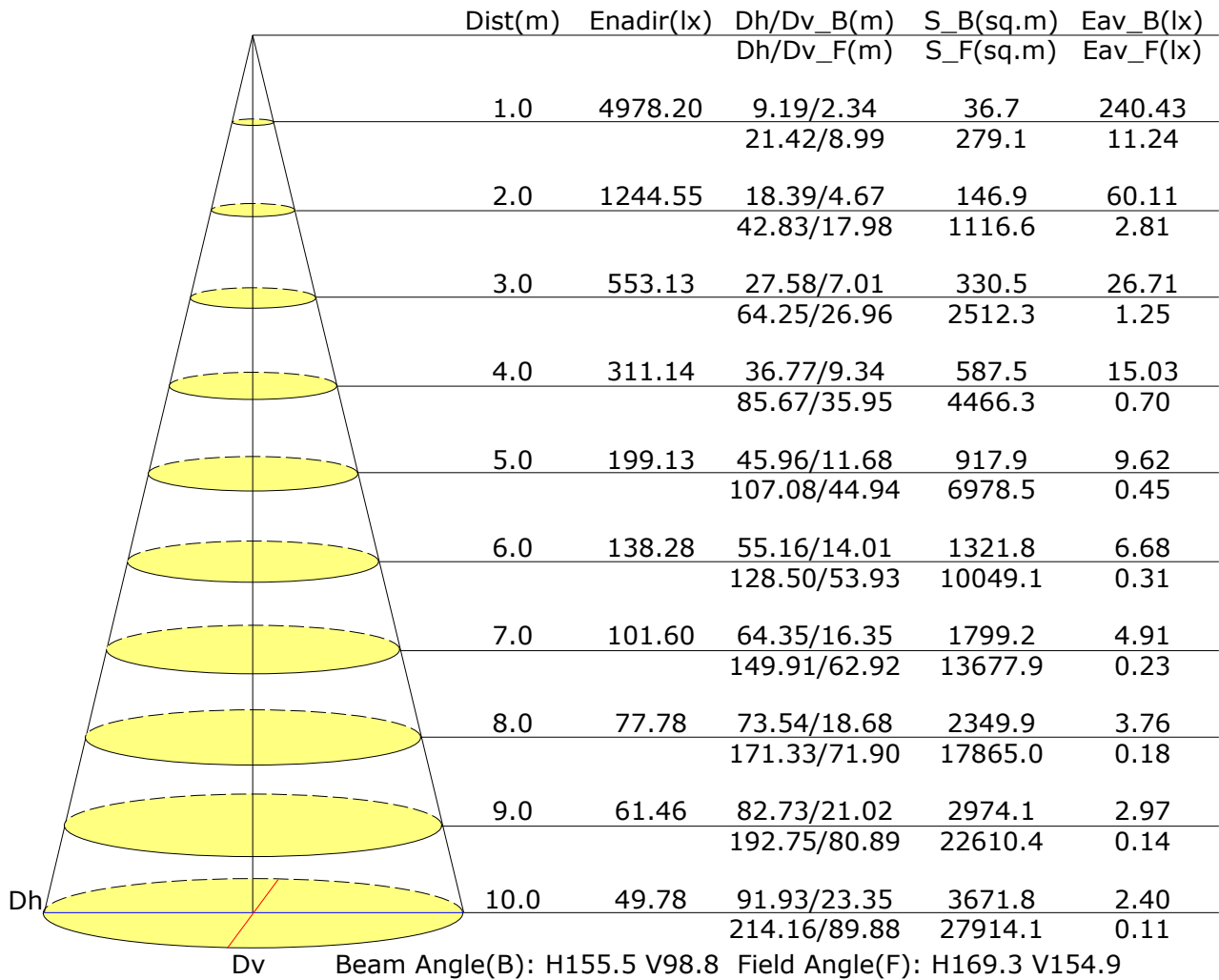


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|------|------|------|------|------|------|------|------|-----|
| C0 | 6013 | 6102 | 6151 | 6284 | 6596 | 6525 | 4889 | 2350 | 744 |
| C90 | 5155 | 4785 | 4240 | 3524 | 2646 | 1670 | 953 | 491 | 179 |
| C180 | 5196 | 5177 | 5183 | 5291 | 5527 | 5763 | 4673 | 2308 | 386 |
| C270 | 2417 | 2450 | 2574 | 2713 | 2493 | 1802 | 703 | 118 | 5 |

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

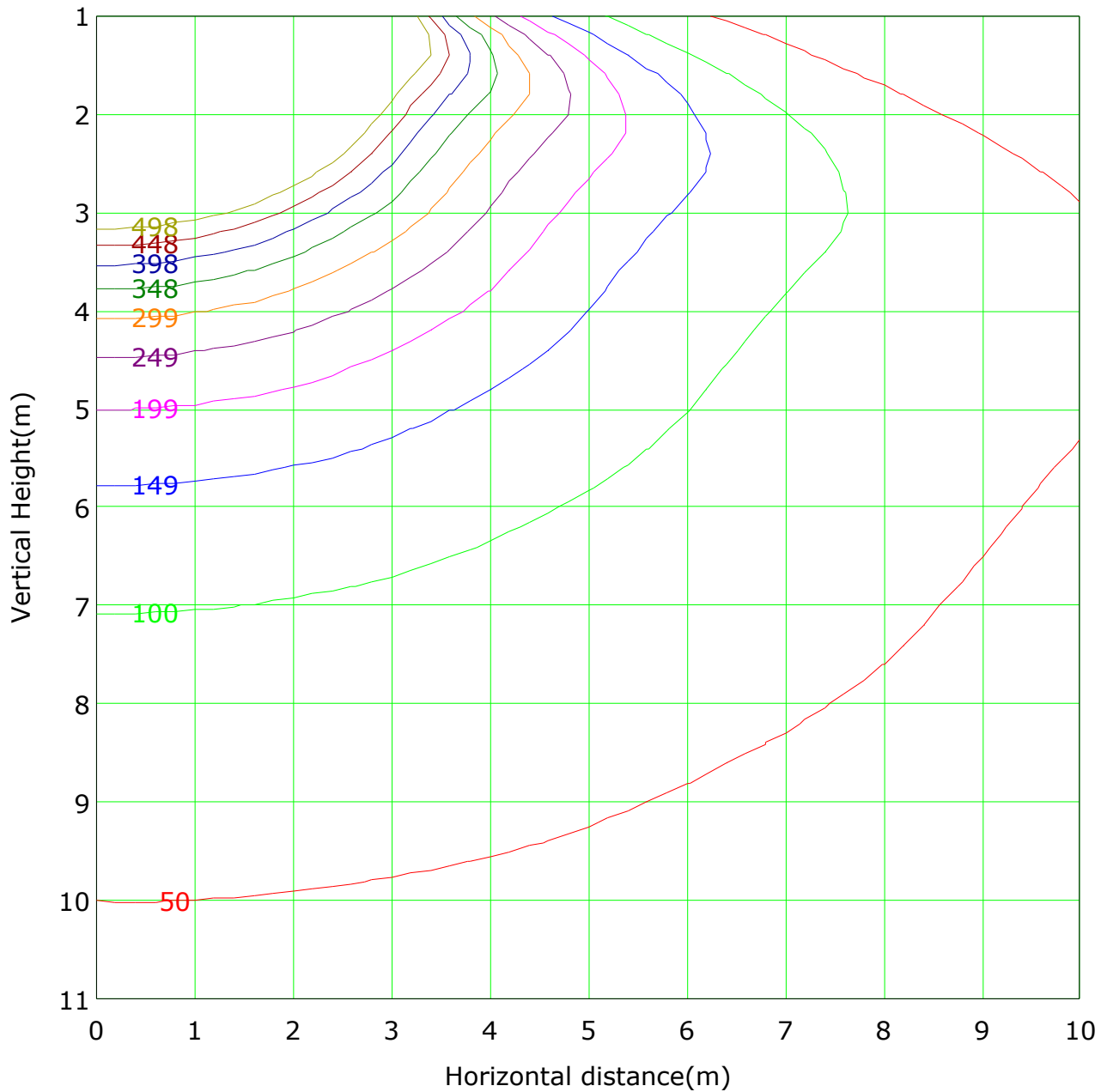
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Vertical IsoLux Plot



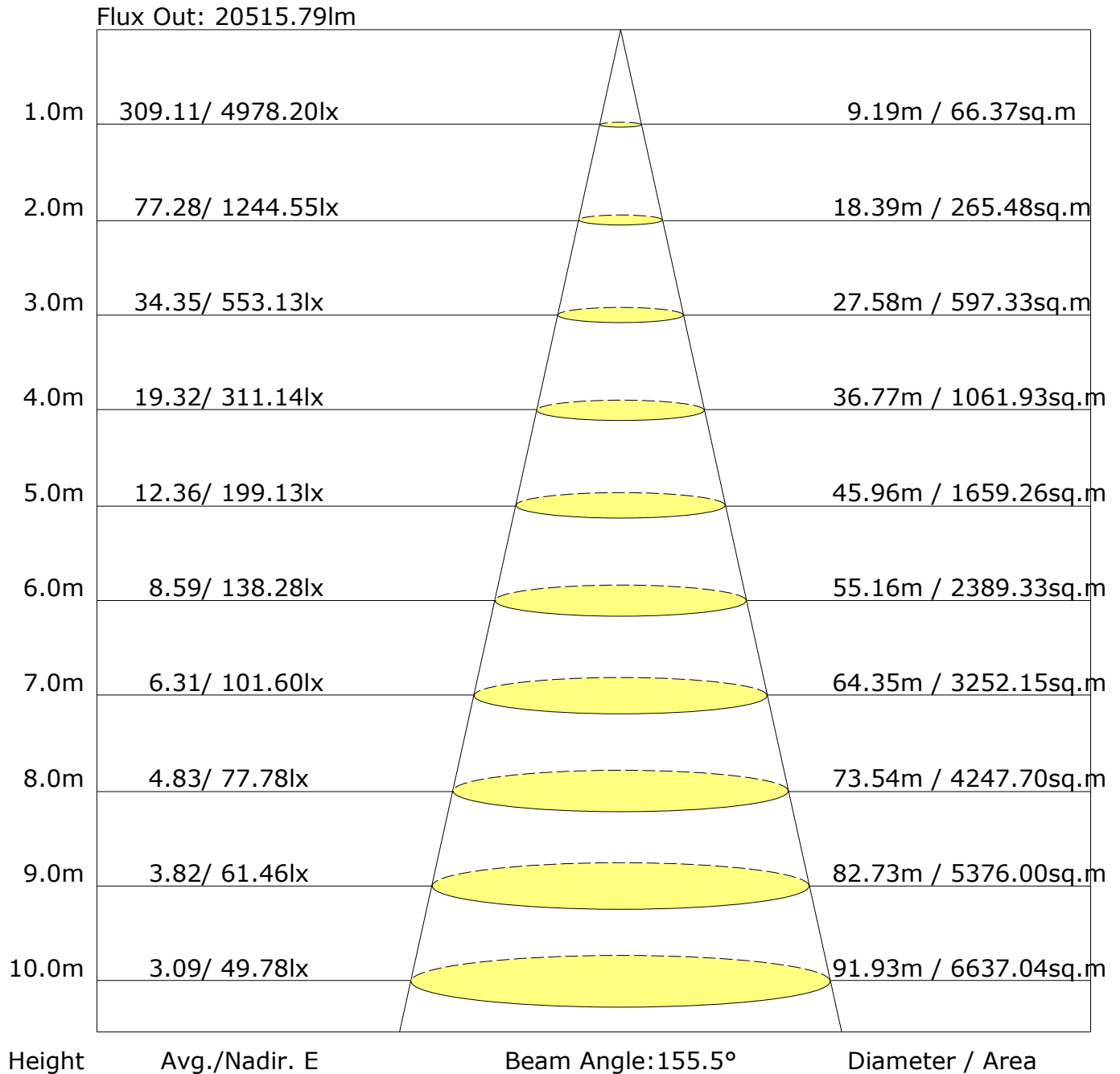
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4978.2 lx

| | |
|-----------------|------------------|
| (1%): 49.8 lx | (2%): 99.6 lx |
| (3%): 149.3 lx | (4%): 199.1 lx |
| (5%): 248.9 lx | (6%): 298.7 lx |
| (7%): 348.5 lx | (8%): 398.3 lx |
| (9%): 448.0 lx | (10%): 497.8 lx |

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

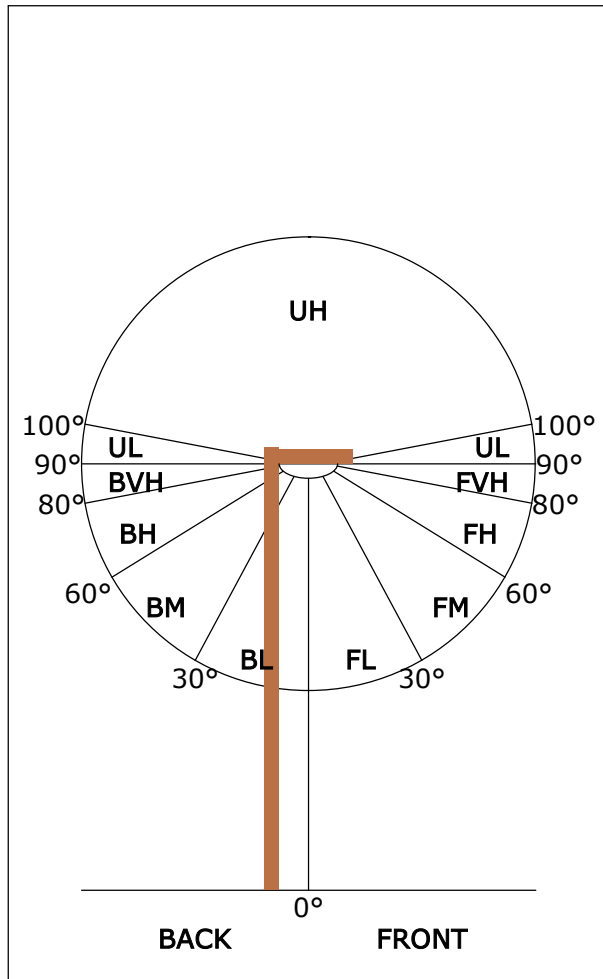
The Average Illuminance Effective Figure



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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



| ZONE | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT | 12374 | 57.9 |
| FL (0°-30°) | 2289 | 10.7 |
| FM (30°-60°) | 6249 | 29.2 |
| FH (60°-80°) | 3508 | 16.4 |
| FVH (80°-90°) | 328 | 1.5 |
| BACK LIGHT | 9010 | 42.1 |
| BL (0°-30°) | 1798 | 8.4 |
| BM (30°-60°) | 4255 | 19.9 |
| BH (60°-80°) | 2785 | 13.0 |
| BVH (80°-90°) | 173 | 0.8 |
| UP LIGHT | 0 | 0.0 |
| UL (90°-100°) | 0 | 0.0 |
| UH (100°-180°) | 0 | 0.0 |
| TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B4 U5 G4 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B4 U5 G2 |

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
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 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 |
| G1.0 | 4985.6 | 5002.3 | 5019.8 | 5028.8 | 5025.8 | 5029.0 | 5014.1 | 4992.0 | 4976.8 | 4952.4 |
| G2.0 | 4991.6 | 5035.3 | 5061.0 | 5081.0 | 5079.0 | 5067.5 | 5043.7 | 5009.3 | 4968.4 | 4929.9 |
| G3.0 | 4998.3 | 5056.9 | 5101.6 | 5127.5 | 5126.5 | 5110.5 | 5081.2 | 5024.1 | 4967.4 | 4907.9 |
| G4.0 | 5007.6 | 5083.5 | 5141.2 | 5177.2 | 5177.4 | 5159.4 | 5110.1 | 5039.4 | 4964.2 | 4882.6 |
| G5.0 | 5006.9 | 5111.2 | 5180.1 | 5219.4 | 5218.7 | 5196.7 | 5138.9 | 5054.9 | 4958.6 | 4855.5 |
| G6.0 | 5021.2 | 5138.2 | 5220.0 | 5262.7 | 5261.4 | 5234.9 | 5172.2 | 5068.4 | 4961.0 | 4832.2 |
| G7.0 | 5029.7 | 5161.6 | 5253.5 | 5300.5 | 5299.5 | 5263.2 | 5200.6 | 5088.2 | 4961.1 | 4807.7 |
| G8.0 | 5043.6 | 5184.9 | 5287.5 | 5337.9 | 5332.2 | 5295.8 | 5223.2 | 5102.3 | 4959.8 | 4787.2 |
| G9.0 | 5051.2 | 5216.2 | 5324.5 | 5368.8 | 5364.5 | 5329.8 | 5254.6 | 5115.7 | 4957.7 | 4765.3 |
| G10.0 | 5069.8 | 5243.4 | 5350.7 | 5399.2 | 5399.4 | 5358.7 | 5276.0 | 5134.2 | 4959.1 | 4741.5 |
| G11.0 | 5080.6 | 5271.9 | 5385.6 | 5426.8 | 5423.7 | 5381.2 | 5299.2 | 5144.7 | 4958.7 | 4718.5 |
| G12.0 | 5097.7 | 5294.8 | 5409.7 | 5450.3 | 5442.5 | 5410.5 | 5322.5 | 5153.8 | 4957.9 | 4696.4 |
| G13.0 | 5107.1 | 5322.0 | 5439.8 | 5475.4 | 5467.3 | 5432.7 | 5341.2 | 5180.4 | 4960.2 | 4670.6 |
| G14.0 | 5124.9 | 5346.0 | 5465.4 | 5499.2 | 5485.9 | 5448.1 | 5357.7 | 5189.3 | 4959.0 | 4655.3 |
| G15.0 | 5138.8 | 5376.7 | 5484.9 | 5512.8 | 5497.7 | 5463.9 | 5379.6 | 5205.9 | 4964.1 | 4632.7 |
| G16.0 | 5158.7 | 5406.8 | 5508.3 | 5535.9 | 5515.7 | 5480.9 | 5401.2 | 5222.2 | 4964.7 | 4608.1 |
| G17.0 | 5185.1 | 5440.9 | 5540.8 | 5550.0 | 5528.0 | 5497.2 | 5413.8 | 5237.5 | 4967.4 | 4586.2 |
| G18.0 | 5204.7 | 5469.1 | 5562.0 | 5567.6 | 5537.4 | 5511.3 | 5430.0 | 5249.8 | 4971.0 | 4567.8 |
| G19.0 | 5232.6 | 5502.3 | 5580.6 | 5578.3 | 5547.4 | 5523.4 | 5449.8 | 5266.7 | 4974.8 | 4549.6 |
| G20.0 | 5257.6 | 5539.2 | 5608.8 | 5586.9 | 5553.8 | 5526.9 | 5460.5 | 5280.0 | 4979.6 | 4529.6 |
| G21.0 | 5287.2 | 5572.0 | 5631.6 | 5599.0 | 5557.2 | 5535.4 | 5473.7 | 5296.2 | 4983.4 | 4511.3 |
| G22.0 | 5315.0 | 5603.5 | 5656.7 | 5608.2 | 5559.3 | 5542.7 | 5485.6 | 5314.2 | 4984.1 | 4497.9 |
| G23.0 | 5346.0 | 5641.5 | 5674.8 | 5609.0 | 5557.0 | 5545.1 | 5494.9 | 5326.6 | 4994.0 | 4480.3 |
| G24.0 | 5371.7 | 5672.7 | 5698.8 | 5615.1 | 5552.5 | 5542.8 | 5504.9 | 5344.6 | 5004.7 | 4464.0 |
| G25.0 | 5401.6 | 5709.9 | 5719.9 | 5620.0 | 5549.1 | 5543.3 | 5515.0 | 5362.1 | 5011.4 | 4453.2 |
| G26.0 | 5428.0 | 5737.5 | 5740.6 | 5618.1 | 5544.4 | 5545.4 | 5527.6 | 5369.9 | 5020.3 | 4443.3 |
| G27.0 | 5453.2 | 5766.4 | 5759.7 | 5627.2 | 5540.7 | 5541.6 | 5535.3 | 5385.7 | 5024.6 | 4429.7 |
| G28.0 | 5481.3 | 5790.9 | 5780.9 | 5626.0 | 5528.7 | 5542.8 | 5541.8 | 5401.5 | 5032.0 | 4416.3 |
| G29.0 | 5506.0 | 5823.3 | 5793.9 | 5626.1 | 5519.6 | 5539.2 | 5553.0 | 5414.7 | 5041.2 | 4407.8 |
| G30.0 | 5535.2 | 5847.8 | 5813.1 | 5627.2 | 5509.1 | 5537.6 | 5560.4 | 5427.3 | 5048.5 | 4403.2 |
| G31.0 | 5562.3 | 5869.3 | 5832.3 | 5630.0 | 5495.4 | 5537.8 | 5565.1 | 5437.8 | 5055.6 | 4394.1 |
| G32.0 | 5594.0 | 5888.5 | 5848.7 | 5631.2 | 5483.6 | 5534.0 | 5571.2 | 5446.3 | 5066.6 | 4392.1 |
| G33.0 | 5622.7 | 5917.9 | 5864.2 | 5639.1 | 5474.8 | 5536.4 | 5583.3 | 5455.8 | 5079.9 | 4386.6 |
| G34.0 | 5653.4 | 5945.3 | 5876.7 | 5648.8 | 5464.8 | 5540.5 | 5593.6 | 5467.1 | 5085.5 | 4380.6 |
| G35.0 | 5681.8 | 5967.7 | 5888.9 | 5653.5 | 5450.3 | 5542.4 | 5592.8 | 5483.4 | 5095.9 | 4376.5 |
| G36.0 | 5709.5 | 5993.6 | 5908.7 | 5671.4 | 5429.3 | 5549.4 | 5608.7 | 5498.5 | 5111.4 | 4375.5 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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 | 5738.4 | 6022.5 | 5917.5 | 5676.2 | 5416.1 | 5551.8 | 5615.2 | 5505.7 | 5125.6 | 4372.9 |
| G38.0 | 5782.5 | 6042.8 | 5929.3 | 5689.1 | 5394.1 | 5555.8 | 5616.0 | 5519.0 | 5139.2 | 4371.7 |
| G39.0 | 5811.3 | 6067.2 | 5948.0 | 5697.4 | 5375.3 | 5555.4 | 5618.0 | 5529.1 | 5153.7 | 4372.1 |
| G40.0 | 5845.8 | 6094.4 | 5954.3 | 5693.1 | 5353.7 | 5550.4 | 5615.1 | 5537.2 | 5163.0 | 4366.6 |
| G41.0 | 5884.8 | 6121.7 | 5956.8 | 5692.1 | 5325.0 | 5532.1 | 5606.5 | 5547.7 | 5172.3 | 4363.6 |
| G42.0 | 5917.3 | 6144.2 | 5946.6 | 5674.8 | 5288.7 | 5520.0 | 5596.6 | 5553.4 | 5177.8 | 4364.5 |
| G43.0 | 5953.4 | 6160.0 | 5933.4 | 5656.6 | 5249.8 | 5492.5 | 5576.5 | 5561.3 | 5187.1 | 4359.7 |
| G44.0 | 5983.1 | 6182.4 | 5912.5 | 5615.8 | 5204.4 | 5463.2 | 5562.3 | 5559.4 | 5189.4 | 4357.5 |
| G45.0 | 6013.2 | 6191.7 | 5889.4 | 5581.8 | 5154.6 | 5420.0 | 5533.8 | 5557.5 | 5196.1 | 4351.2 |
| G46.0 | 6043.1 | 6198.0 | 5860.5 | 5532.8 | 5091.7 | 5370.0 | 5511.7 | 5553.6 | 5197.1 | 4345.1 |
| G47.0 | 6060.7 | 6205.8 | 5833.7 | 5476.1 | 5026.4 | 5326.0 | 5481.4 | 5543.2 | 5192.8 | 4339.8 |
| G48.0 | 6076.8 | 6209.6 | 5791.0 | 5416.5 | 4952.0 | 5266.3 | 5441.6 | 5538.4 | 5186.5 | 4333.6 |
| G49.0 | 6092.0 | 6213.6 | 5759.2 | 5344.5 | 4876.0 | 5198.8 | 5405.6 | 5524.9 | 5180.8 | 4327.5 |
| G50.0 | 6102.0 | 6217.0 | 5717.5 | 5261.8 | 4785.3 | 5130.5 | 5361.8 | 5508.8 | 5177.1 | 4317.6 |
| G51.0 | 6103.5 | 6213.3 | 5674.6 | 5173.1 | 4685.9 | 5051.6 | 5313.7 | 5494.4 | 5176.4 | 4308.7 |
| G52.0 | 6114.6 | 6200.2 | 5626.1 | 5075.5 | 4587.1 | 4968.6 | 5266.0 | 5482.1 | 5177.3 | 4296.7 |
| G53.0 | 6129.0 | 6189.2 | 5575.3 | 4975.4 | 4481.3 | 4872.4 | 5221.2 | 5466.9 | 5176.1 | 4283.3 |
| G54.0 | 6133.0 | 6185.7 | 5518.6 | 4865.4 | 4364.2 | 4764.9 | 5170.5 | 5455.4 | 5175.3 | 4276.9 |
| G55.0 | 6150.8 | 6160.8 | 5470.6 | 4741.0 | 4239.9 | 4656.6 | 5115.9 | 5436.7 | 5183.1 | 4271.1 |
| G56.0 | 6165.8 | 6146.3 | 5414.2 | 4606.1 | 4109.0 | 4541.8 | 5058.3 | 5418.7 | 5197.5 | 4263.6 |
| G57.0 | 6184.4 | 6125.1 | 5344.4 | 4473.1 | 3971.9 | 4415.1 | 4997.1 | 5400.5 | 5213.4 | 4253.0 |
| G58.0 | 6213.1 | 6100.8 | 5274.6 | 4325.9 | 3830.9 | 4276.9 | 4937.0 | 5379.2 | 5233.0 | 4244.2 |
| G59.0 | 6242.5 | 6079.4 | 5193.7 | 4164.2 | 3674.6 | 4131.2 | 4851.8 | 5373.4 | 5257.5 | 4238.0 |
| G60.0 | 6283.9 | 6052.7 | 5114.5 | 4004.9 | 3524.5 | 3979.0 | 4782.4 | 5356.1 | 5290.8 | 4219.7 |
| G61.0 | 6320.9 | 6014.0 | 5015.1 | 3830.8 | 3357.3 | 3825.8 | 4694.6 | 5337.2 | 5329.6 | 4199.3 |
| G62.0 | 6376.9 | 5975.5 | 4902.8 | 3653.6 | 3187.8 | 3651.1 | 4605.1 | 5316.6 | 5374.2 | 4182.5 |
| G63.0 | 6441.8 | 5937.1 | 4787.2 | 3470.8 | 3011.6 | 3487.9 | 4505.4 | 5297.3 | 5416.1 | 4157.0 |
| G64.0 | 6516.9 | 5878.6 | 4652.7 | 3276.6 | 2829.2 | 3306.8 | 4391.3 | 5279.5 | 5468.8 | 4136.5 |
| G65.0 | 6595.7 | 5824.4 | 4497.0 | 3085.2 | 2645.7 | 3121.9 | 4268.1 | 5253.1 | 5527.2 | 4116.9 |
| G66.0 | 6665.6 | 5754.2 | 4344.2 | 2906.3 | 2462.2 | 2938.4 | 4137.8 | 5210.3 | 5581.0 | 4076.5 |
| G67.0 | 6721.2 | 5664.8 | 4169.1 | 2720.8 | 2261.0 | 2760.5 | 3981.0 | 5155.4 | 5638.2 | 4039.4 |
| G68.0 | 6735.1 | 5542.5 | 3976.0 | 2529.3 | 2065.8 | 2592.6 | 3815.6 | 5095.5 | 5687.9 | 3989.8 |
| G69.0 | 6667.8 | 5381.2 | 3791.3 | 2345.0 | 1870.6 | 2415.4 | 3646.1 | 5005.9 | 5729.8 | 3931.4 |
| G70.0 | 6524.6 | 5163.7 | 3593.5 | 2152.2 | 1670.3 | 2246.5 | 3458.5 | 4894.8 | 5762.6 | 3869.6 |
| G71.0 | 6327.5 | 4897.7 | 3392.3 | 1949.7 | 1484.8 | 2057.4 | 3259.9 | 4752.1 | 5746.1 | 3799.5 |
| G72.0 | 6094.0 | 4552.7 | 3198.8 | 1749.8 | 1327.4 | 1860.3 | 3060.0 | 4576.4 | 5652.5 | 3719.3 |
| G73.0 | 5789.5 | 4206.5 | 3001.7 | 1565.2 | 1192.5 | 1663.5 | 2858.8 | 4368.3 | 5472.9 | 3638.9 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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 | 5373.9 | 3900.0 | 2795.2 | 1404.3 | 1070.6 | 1476.2 | 2666.4 | 4125.1 | 5138.3 | 3527.5 |
| G75.0 | 4889.3 | 3636.6 | 2592.3 | 1256.5 | 953.3 | 1316.7 | 2475.9 | 3862.9 | 4672.9 | 3388.1 |
| G76.0 | 4377.0 | 3415.6 | 2364.0 | 1120.5 | 841.3 | 1175.7 | 2284.9 | 3584.5 | 4140.6 | 3186.3 |
| G77.0 | 3824.9 | 3196.7 | 2142.9 | 991.8 | 743.5 | 1041.6 | 2099.6 | 3259.1 | 3658.2 | 2942.7 |
| G78.0 | 3253.7 | 2977.1 | 1902.6 | 873.9 | 651.2 | 907.7 | 1917.7 | 2913.7 | 3211.6 | 2716.8 |
| G79.0 | 2780.4 | 2740.1 | 1672.7 | 765.0 | 565.6 | 792.7 | 1724.4 | 2578.0 | 2762.8 | 2473.0 |
| G80.0 | 2350.4 | 2477.7 | 1477.4 | 667.5 | 490.8 | 690.7 | 1529.0 | 2299.8 | 2307.9 | 2135.7 |
| G81.0 | 1955.9 | 2206.3 | 1312.6 | 580.4 | 421.5 | 589.8 | 1340.3 | 2021.1 | 1852.9 | 1764.0 |
| G82.0 | 1593.9 | 1913.2 | 1178.8 | 490.4 | 354.9 | 492.8 | 1156.7 | 1721.4 | 1430.8 | 1390.5 |
| G83.0 | 1272.7 | 1523.5 | 1039.0 | 405.5 | 292.9 | 401.0 | 1010.7 | 1421.7 | 1049.9 | 976.1 |
| G84.0 | 1002.5 | 1196.1 | 874.3 | 325.2 | 233.4 | 325.7 | 850.9 | 1085.4 | 691.5 | 643.5 |
| G85.0 | 744.2 | 860.6 | 724.1 | 247.1 | 179.1 | 253.9 | 676.7 | 781.5 | 385.9 | 357.7 |
| G86.0 | 483.1 | 596.7 | 549.6 | 179.0 | 131.5 | 181.7 | 496.9 | 509.3 | 165.0 | 131.1 |
| G87.0 | 285.5 | 333.9 | 374.6 | 120.6 | 85.2 | 115.9 | 308.2 | 263.4 | 33.6 | 17.1 |
| G88.0 | 128.7 | 162.6 | 170.6 | 68.6 | 50.7 | 61.1 | 136.9 | 120.5 | 15.4 | 12.2 |
| G89.0 | 29.9 | 58.3 | 44.8 | 33.5 | 27.8 | 26.3 | 36.0 | 27.7 | 13.9 | 12.8 |
| 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | 4978.2 | | | |
| G1.0 | 4936.8 | 4922.7 | 4919.9 | 4925.8 | 4948.1 | 4965.7 | 4985.6 | | | |
| G2.0 | 4895.7 | 4868.6 | 4862.6 | 4881.4 | 4912.2 | 4952.0 | 4991.6 | | | |
| G3.0 | 4850.6 | 4813.4 | 4804.3 | 4831.7 | 4879.9 | 4935.2 | 4998.3 | | | |
| G4.0 | 4807.5 | 4749.3 | 4738.2 | 4775.8 | 4844.0 | 4927.2 | 5007.6 | | | |
| G5.0 | 4760.4 | 4695.0 | 4677.6 | 4721.4 | 4807.7 | 4911.5 | 5006.9 | | | |
| G6.0 | 4713.7 | 4632.8 | 4610.7 | 4663.0 | 4770.0 | 4899.8 | 5021.2 | | | |
| G7.0 | 4667.2 | 4575.1 | 4541.4 | 4610.0 | 4735.5 | 4888.8 | 5029.7 | | | |
| G8.0 | 4623.5 | 4511.0 | 4478.1 | 4548.5 | 4700.2 | 4881.6 | 5043.6 | | | |
| G9.0 | 4571.1 | 4444.4 | 4406.8 | 4491.4 | 4665.9 | 4866.9 | 5051.2 | | | |
| G10.0 | 4527.9 | 4374.3 | 4338.4 | 4427.0 | 4627.3 | 4858.6 | 5069.8 | | | |
| G11.0 | 4479.4 | 4309.2 | 4264.5 | 4370.5 | 4584.9 | 4848.8 | 5080.6 | | | |
| G12.0 | 4432.8 | 4248.2 | 4196.2 | 4307.5 | 4553.0 | 4840.7 | 5097.7 | | | |
| G13.0 | 4385.9 | 4185.8 | 4124.5 | 4252.7 | 4518.9 | 4834.3 | 5107.1 | | | |
| G14.0 | 4338.0 | 4117.5 | 4053.5 | 4188.2 | 4480.7 | 4828.4 | 5124.9 | | | |
| G15.0 | 4296.0 | 4051.8 | 3979.5 | 4133.1 | 4444.7 | 4824.1 | 5138.8 | | | |
| G16.0 | 4246.7 | 3986.9 | 3909.9 | 4072.6 | 4414.4 | 4816.6 | 5158.7 | | | |
| G17.0 | 4198.8 | 3920.7 | 3836.1 | 4011.8 | 4377.8 | 4818.9 | 5185.1 | | | |
| G18.0 | 4155.8 | 3853.0 | 3764.3 | 3952.4 | 4350.4 | 4819.9 | 5204.7 | | | |
| G19.0 | 4112.7 | 3790.2 | 3694.9 | 3889.2 | 4315.4 | 4816.6 | 5232.6 | | | |
| G20.0 | 4069.3 | 3724.3 | 3625.2 | 3830.4 | 4284.7 | 4816.9 | 5257.6 | | | |
| G21.0 | 4025.6 | 3659.6 | 3551.1 | 3767.6 | 4250.1 | 4823.5 | 5287.2 | | | |
| G22.0 | 3979.1 | 3594.6 | 3484.6 | 3708.2 | 4222.5 | 4828.5 | 5315.0 | | | |
| G23.0 | 3939.9 | 3526.7 | 3419.1 | 3653.9 | 4190.8 | 4832.3 | 5346.0 | | | |
| G24.0 | 3900.0 | 3467.0 | 3359.0 | 3593.8 | 4163.9 | 4839.5 | 5371.7 | | | |
| G25.0 | 3861.7 | 3411.4 | 3301.3 | 3543.3 | 4134.1 | 4853.1 | 5401.6 | | | |
| G26.0 | 3818.5 | 3356.5 | 3241.9 | 3494.4 | 4109.9 | 4864.4 | 5428.0 | | | |
| G27.0 | 3779.7 | 3305.0 | 3185.7 | 3440.6 | 4086.0 | 4873.3 | 5453.2 | | | |
| G28.0 | 3743.9 | 3253.3 | 3133.5 | 3388.2 | 4060.5 | 4880.5 | 5481.3 | | | |
| G29.0 | 3704.6 | 3202.8 | 3076.0 | 3340.7 | 4036.3 | 4894.0 | 5506.0 | | | |
| G30.0 | 3668.8 | 3143.6 | 3021.2 | 3294.6 | 4012.4 | 4906.4 | 5535.2 | | | |
| G31.0 | 3630.4 | 3099.6 | 2966.5 | 3239.9 | 3986.3 | 4914.5 | 5562.3 | | | |
| G32.0 | 3598.4 | 3047.1 | 2913.8 | 3195.6 | 3964.4 | 4933.9 | 5594.0 | | | |
| G33.0 | 3560.2 | 2996.9 | 2858.4 | 3146.9 | 3936.3 | 4944.5 | 5622.7 | | | |
| G34.0 | 3523.5 | 2945.0 | 2809.3 | 3102.1 | 3912.6 | 4958.9 | 5653.4 | | | |
| G35.0 | 3487.7 | 2899.9 | 2757.4 | 3055.3 | 3888.0 | 4981.2 | 5681.8 | | | |
| G36.0 | 3451.3 | 2846.8 | 2703.7 | 3009.7 | 3864.5 | 4994.9 | 5709.5 | | | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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 | 3415.5 | 2799.6 | 2655.0 | 2965.0 | 3838.0 | 5012.5 | 5738.4 | | | |
| G38.0 | 3379.9 | 2750.6 | 2608.5 | 2922.9 | 3817.5 | 5029.6 | 5782.5 | | | |
| G39.0 | 3341.3 | 2705.8 | 2564.9 | 2874.1 | 3796.1 | 5054.7 | 5811.3 | | | |
| G40.0 | 3305.8 | 2657.7 | 2525.2 | 2831.6 | 3775.9 | 5071.7 | 5845.8 | | | |
| G41.0 | 3276.0 | 2615.8 | 2495.4 | 2789.0 | 3755.8 | 5088.9 | 5884.8 | | | |
| G42.0 | 3245.9 | 2574.2 | 2467.0 | 2749.3 | 3735.0 | 5113.7 | 5917.3 | | | |
| G43.0 | 3213.6 | 2537.6 | 2443.4 | 2710.3 | 3717.4 | 5130.4 | 5953.4 | | | |
| G44.0 | 3182.6 | 2506.0 | 2427.7 | 2676.9 | 3698.6 | 5146.4 | 5983.1 | | | |
| G45.0 | 3152.6 | 2474.8 | 2416.8 | 2644.7 | 3681.7 | 5171.5 | 6013.2 | | | |
| G46.0 | 3121.1 | 2450.7 | 2412.6 | 2614.9 | 3663.3 | 5188.4 | 6043.1 | | | |
| G47.0 | 3088.5 | 2427.2 | 2415.5 | 2589.1 | 3645.2 | 5201.7 | 6060.7 | | | |
| G48.0 | 3053.5 | 2409.3 | 2421.0 | 2569.0 | 3620.9 | 5213.9 | 6076.8 | | | |
| G49.0 | 3019.1 | 2395.4 | 2435.1 | 2546.5 | 3596.7 | 5224.8 | 6092.0 | | | |
| G50.0 | 2982.8 | 2387.5 | 2449.5 | 2529.4 | 3568.5 | 5231.4 | 6102.0 | | | |
| G51.0 | 2946.9 | 2377.6 | 2472.5 | 2515.2 | 3541.7 | 5238.5 | 6103.5 | | | |
| G52.0 | 2907.3 | 2375.1 | 2495.8 | 2498.3 | 3505.0 | 5238.1 | 6114.6 | | | |
| G53.0 | 2866.1 | 2375.1 | 2519.0 | 2485.9 | 3473.4 | 5243.2 | 6129.0 | | | |
| G54.0 | 2825.5 | 2378.2 | 2547.8 | 2477.6 | 3435.7 | 5248.8 | 6133.0 | | | |
| G55.0 | 2791.7 | 2383.7 | 2574.3 | 2466.5 | 3400.9 | 5259.1 | 6150.8 | | | |
| G56.0 | 2751.5 | 2391.5 | 2607.4 | 2457.9 | 3359.0 | 5265.6 | 6165.8 | | | |
| G57.0 | 2713.8 | 2401.9 | 2634.1 | 2449.6 | 3323.4 | 5269.8 | 6184.4 | | | |
| G58.0 | 2673.3 | 2408.9 | 2660.9 | 2441.2 | 3280.1 | 5275.0 | 6213.1 | | | |
| G59.0 | 2634.3 | 2413.1 | 2690.1 | 2427.0 | 3232.0 | 5278.5 | 6242.5 | | | |
| G60.0 | 2587.7 | 2421.3 | 2713.1 | 2414.4 | 3176.9 | 5278.6 | 6283.9 | | | |
| G61.0 | 2541.1 | 2423.6 | 2729.4 | 2392.0 | 3118.0 | 5276.2 | 6320.9 | | | |
| G62.0 | 2492.5 | 2422.2 | 2736.2 | 2364.5 | 3049.5 | 5259.8 | 6376.9 | | | |
| G63.0 | 2442.2 | 2413.0 | 2699.9 | 2329.4 | 2974.0 | 5236.7 | 6441.8 | | | |
| G64.0 | 2392.6 | 2386.4 | 2571.9 | 2282.8 | 2892.0 | 5199.5 | 6516.9 | | | |
| G65.0 | 2337.7 | 2295.5 | 2493.4 | 2223.1 | 2818.2 | 5147.0 | 6595.7 | | | |
| G66.0 | 2278.4 | 2196.4 | 2393.8 | 2092.2 | 2730.3 | 5078.8 | 6665.6 | | | |
| G67.0 | 2214.9 | 2101.0 | 2280.1 | 1991.9 | 2645.4 | 4990.9 | 6721.2 | | | |
| G68.0 | 2143.9 | 2007.5 | 2082.8 | 1860.6 | 2560.7 | 4871.1 | 6735.1 | | | |
| G69.0 | 2067.0 | 1823.5 | 1950.3 | 1741.7 | 2473.3 | 4715.0 | 6667.8 | | | |
| G70.0 | 1957.0 | 1700.2 | 1802.2 | 1584.1 | 2380.5 | 4520.3 | 6524.6 | | | |
| G71.0 | 1845.0 | 1582.4 | 1532.6 | 1443.4 | 2283.2 | 4346.2 | 6327.5 | | | |
| G72.0 | 1711.4 | 1380.7 | 1338.9 | 1308.7 | 2154.0 | 4198.2 | 6094.0 | | | |
| G73.0 | 1589.9 | 1237.1 | 1074.9 | 1173.1 | 1960.5 | 4044.7 | 5789.5 | | | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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 | 1447.2 | 1022.4 | 901.5 | 1025.2 | 1804.6 | 3855.1 | 5373.9 | | | |
| G75.0 | 1320.6 | 853.0 | 702.8 | 870.9 | 1646.6 | 3620.3 | 4889.3 | | | |
| G76.0 | 1185.7 | 679.5 | 514.8 | 736.0 | 1488.2 | 3343.0 | 4377.0 | | | |
| G77.0 | 1047.7 | 504.5 | 360.7 | 600.6 | 1351.9 | 3012.0 | 3824.9 | | | |
| G78.0 | 909.2 | 376.6 | 252.6 | 473.7 | 1179.9 | 2667.2 | 3253.7 | | | |
| G79.0 | 756.6 | 270.2 | 170.5 | 350.7 | 999.9 | 2336.9 | 2780.4 | | | |
| G80.0 | 611.5 | 197.2 | 117.7 | 256.7 | 829.8 | 1986.5 | 2350.4 | | | |
| G81.0 | 476.5 | 146.2 | 84.3 | 180.5 | 666.9 | 1593.2 | 1955.9 | | | |
| G82.0 | 368.3 | 85.9 | 28.3 | 124.5 | 471.6 | 1263.8 | 1593.9 | | | |
| G83.0 | 249.7 | 27.9 | 5.5 | 58.8 | 318.2 | 966.4 | 1272.7 | | | |
| G84.0 | 150.0 | 15.9 | 4.5 | 32.0 | 201.6 | 677.6 | 1002.5 | | | |
| G85.0 | 67.4 | 7.8 | 4.8 | 15.0 | 111.2 | 433.0 | 744.2 | | | |
| G86.0 | 20.3 | 5.9 | 5.2 | 6.4 | 34.3 | 221.5 | 483.1 | | | |
| G87.0 | 9.2 | 5.8 | 5.7 | 6.0 | 10.1 | 52.9 | 285.5 | | | |
| G88.0 | 9.1 | 6.3 | 5.8 | 6.0 | 8.8 | 12.5 | 128.7 | | | |
| G89.0 | 10.0 | 6.9 | 6.4 | 6.7 | 9.3 | 12.0 | 29.9 | | | |
| 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 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:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.190 m
 Humidity:
 Inspector: