**Report No.:** 9寸 **Test Time:** 2021-01-06 12:43

## Luminaire Property

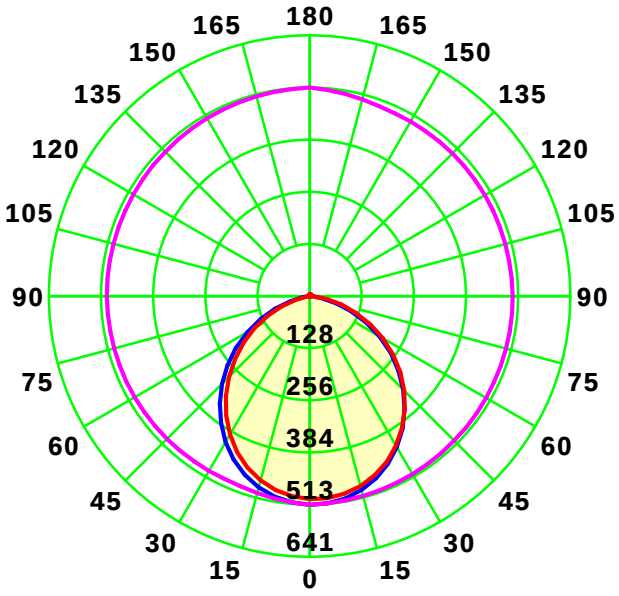
**Luminaire Manufacturer:**
**Lamp Catalog:** LED
**Voltage:** 120.0 V
**Power:** 18.11 W
**Lamp Description:** LED
**Current:** 0.153 A
**Power Factor:** 0.986

## Photometric Results

**CIE Class:** Direct
**Measurement Flux:** 1292.9 lm
**Downward Ratio:** 99%
**Field Angle:** H152.2 V152.5
**Luminaire Efficacy Rating (LER):** 71
**Max. Intensity:** 513.04 cd
**Total Rated Lamp Lumens:** 1292.9 lm
**Efficiency:** 100%
**Upward Ratio:** 1%
**Beam Angle:** H104.4 V104.0
**Central Intensity:** 513.03 cd
**Pos of Max. Intensity:** H0 V0

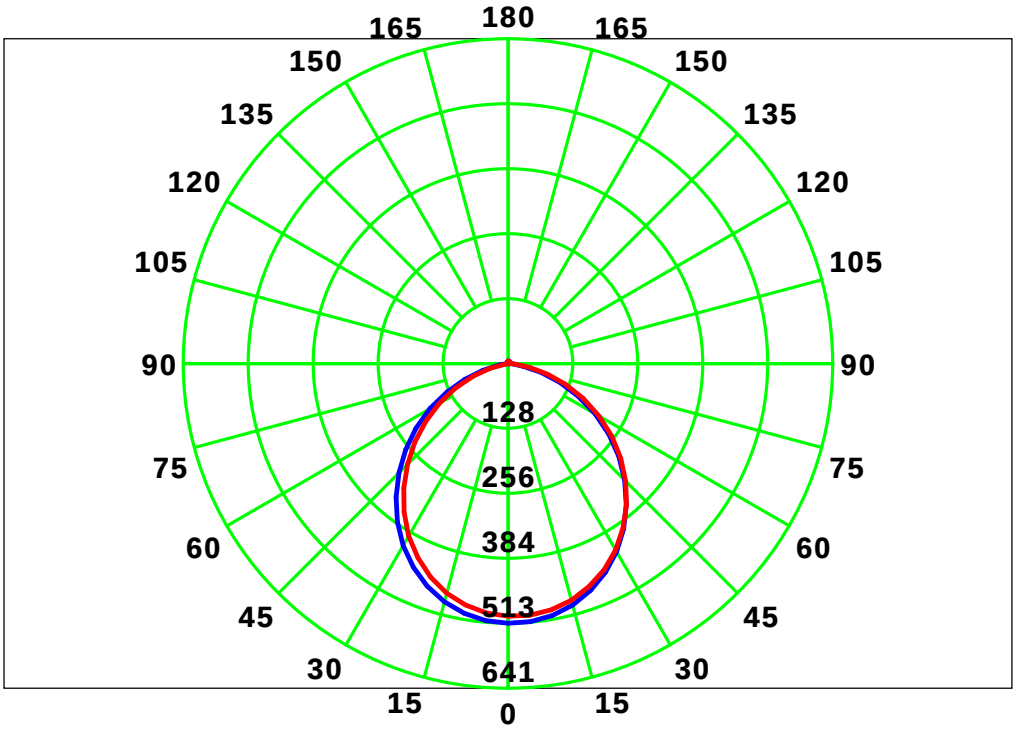
**Picture Of Luminaire**

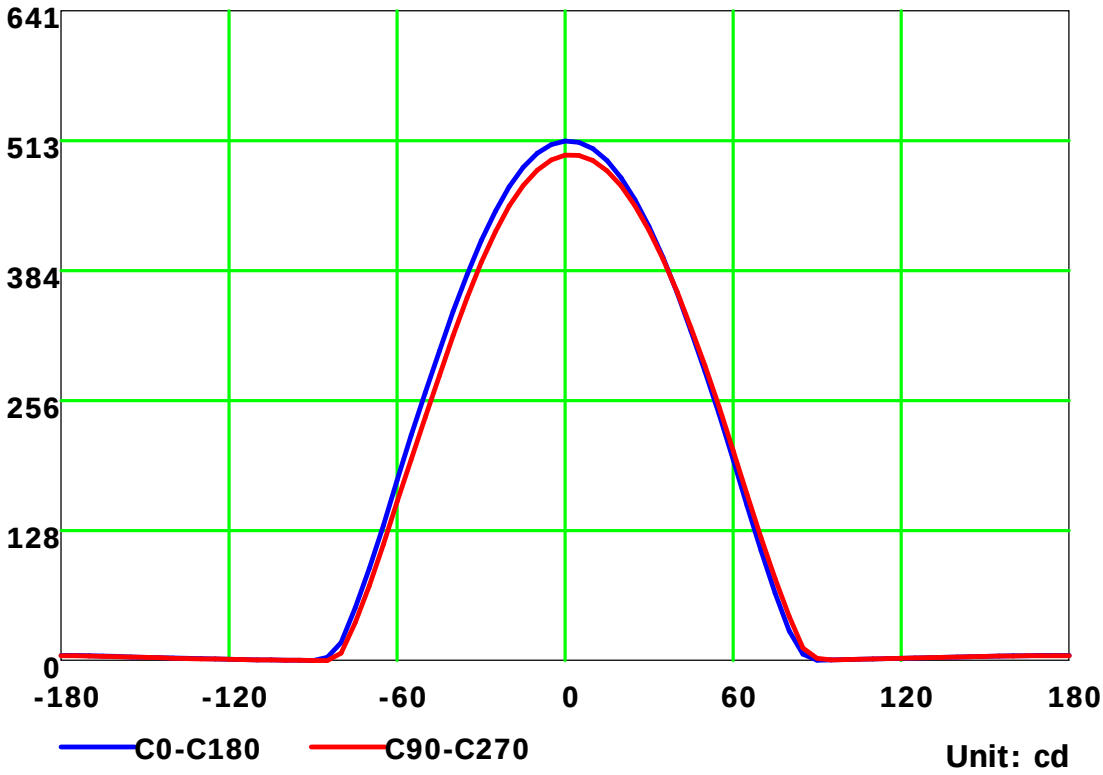
**Luminous Intensity Distribution Curve**




**C Plane (°):0.0-360.0: 22.5**
**Test Lab:**
**Test Type:** TYPE C
**Temperature:** 25℃
**Operator:**
**Gamma Plane (°):0.0-180.0:5.0**
**Test Device:** GPM-1600L
**Distance:** 6.361 m
**Humidity:** 56%
**Inspector:**

# Luminous Intensity Distribution Curve




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

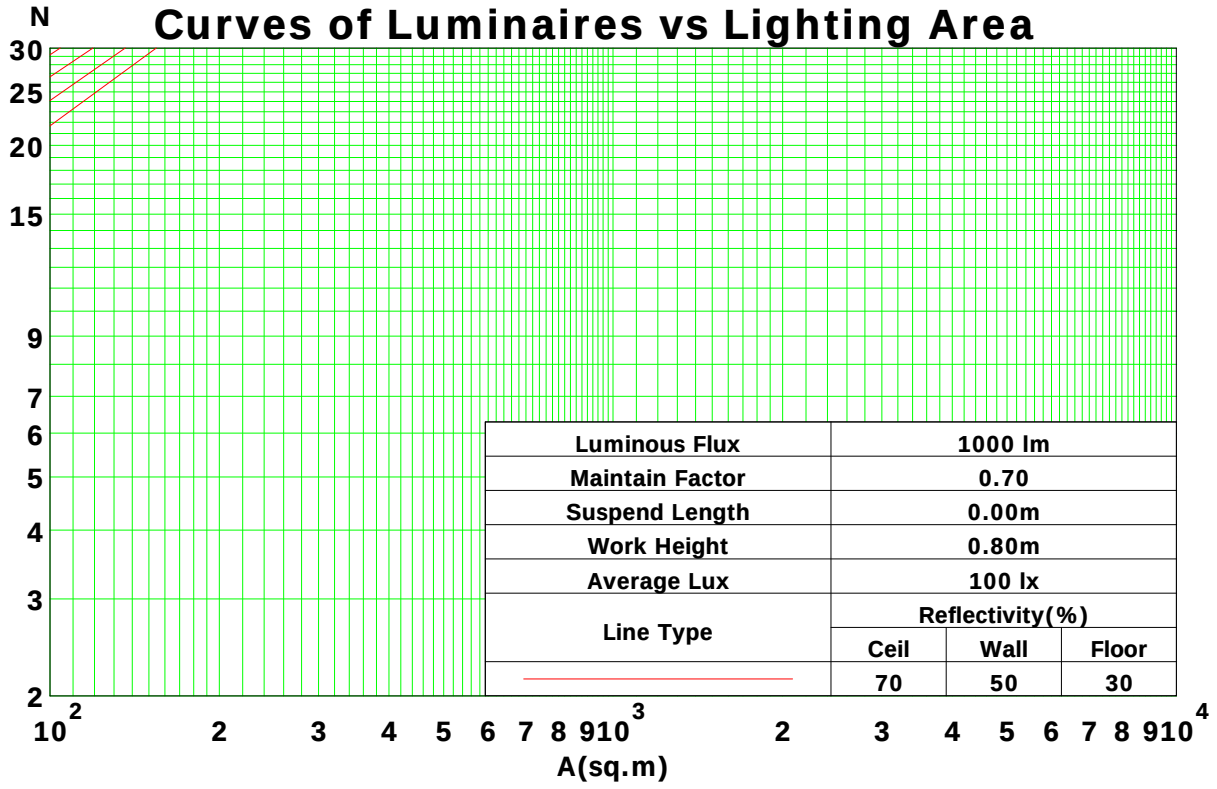
Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

# 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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 93 | 94 | 92 | 90 | 90 | 88 | 87 | 85 |
| 2 | 100 | 92 | 86 | 80 | 97 | 90 | 84 | 79 | 86 | 82 | 77 | 83 | 79 | 75 | 80 | 77 | 74 | 71 |
| 3 | 91 | 81 | 74 | 67 | 89 | 80 | 72 | 67 | 77 | 70 | 65 | 74 | 68 | 64 | 71 | 67 | 63 | 61 |
| 4 | 84 | 72 | 64 | 57 | 82 | 71 | 63 | 57 | 68 | 61 | 56 | 66 | 60 | 55 | 64 | 59 | 54 | 52 |
| 5 | 77 | 65 | 56 | 50 | 75 | 64 | 55 | 49 | 61 | 54 | 49 | 59 | 53 | 48 | 57 | 52 | 48 | 45 |
| 6 | 71 | 58 | 50 | 44 | 69 | 57 | 49 | 43 | 56 | 48 | 43 | 54 | 47 | 42 | 52 | 46 | 42 | 40 |
| 7 | 66 | 53 | 45 | 39 | 65 | 52 | 44 | 38 | 51 | 43 | 38 | 49 | 43 | 38 | 48 | 42 | 37 | 35 |
| 8 | 62 | 49 | 40 | 34 | 60 | 48 | 40 | 34 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 32 |
| 9 | 58 | 45 | 37 | 31 | 56 | 44 | 36 | 31 | 43 | 36 | 31 | 42 | 35 | 31 | 41 | 35 | 30 | 29 |
| 10 | 54 | 41 | 33 | 28 | 53 | 41 | 33 | 28 | 40 | 33 | 28 | 39 | 32 | 28 | 38 | 32 | 28 | 26 |

**Spacing Criteria (0-180): 1.22**
**Spacing Criteria (90-270): 1.22**
**Spacing Criteria (Diagonal): 1.31**

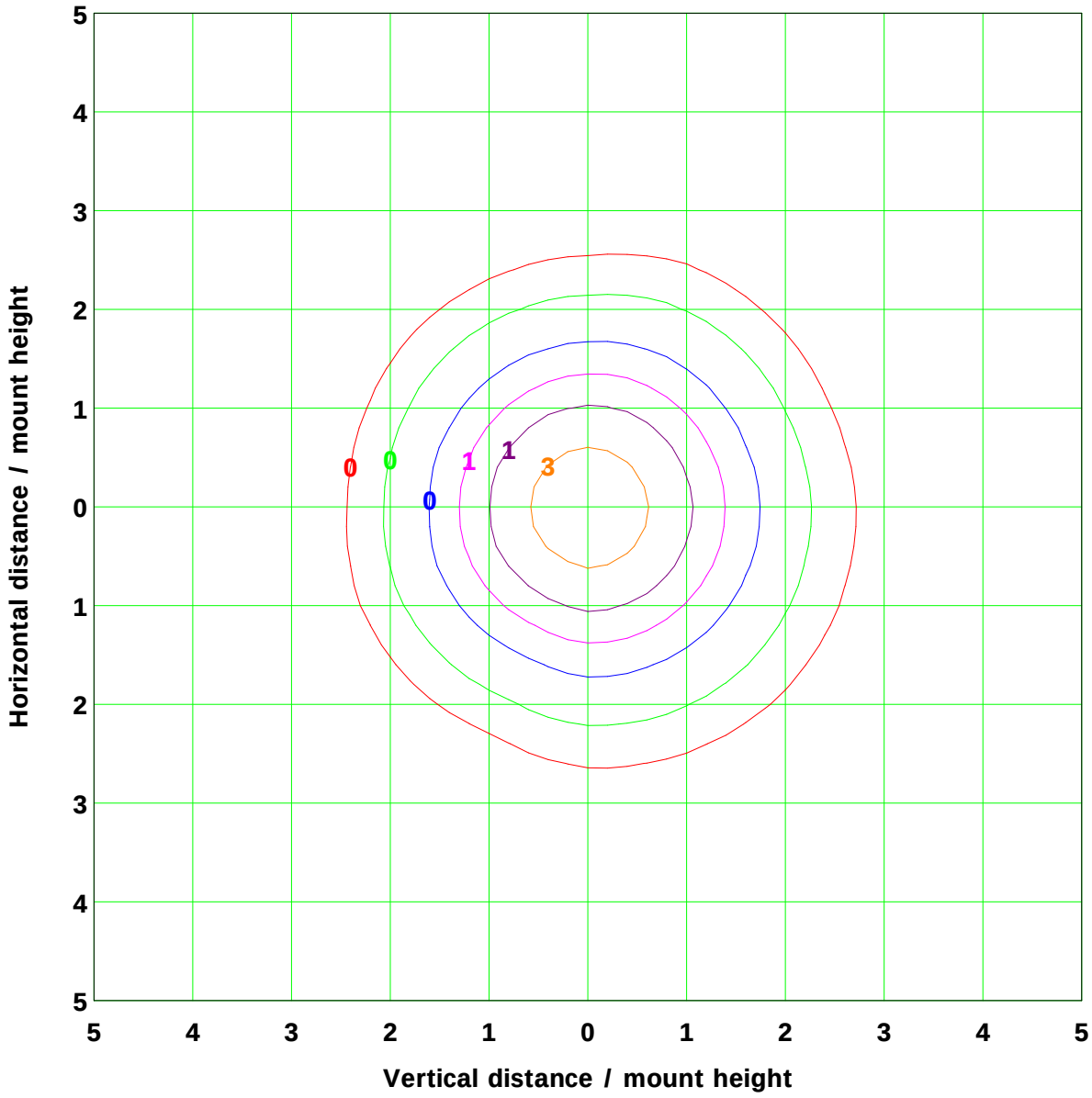
## Curves of Luminaires vs Lighting Area




**C Plane (°):0.0-360.0: 22.5**
**Test Lab:**
**Test Type: TYPE C**
**Temperature: 25℃**
**Operator:**

**Gamma Plane (°):0.0-180.0:5.0**
**Test Device: GPM-1600L**
**Distance: 6.361 m**
**Humidity: 56%**
**Inspector:**

# IsoLux Plot



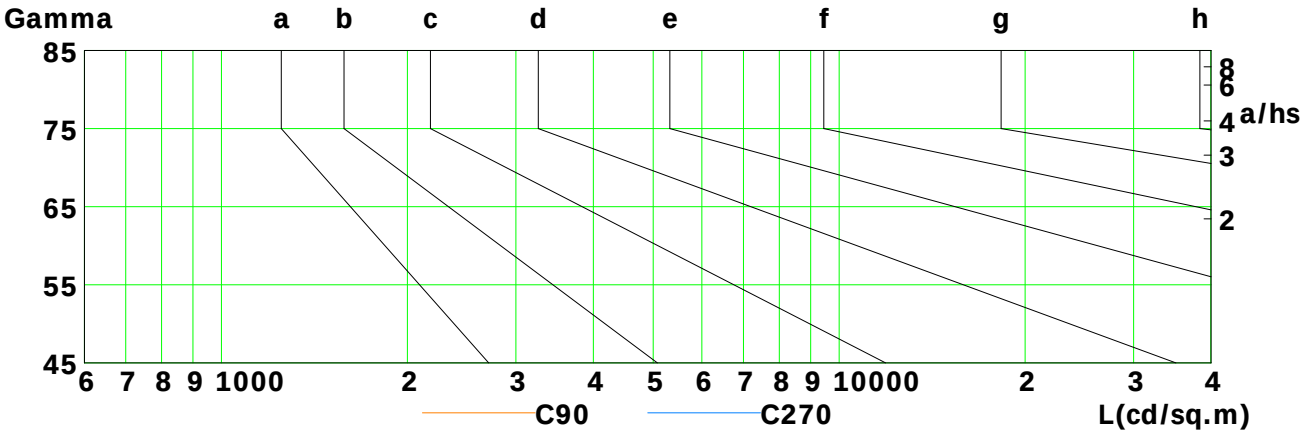

Mounting Height: 10.0m  Max Lux(100%): 5.1 lx

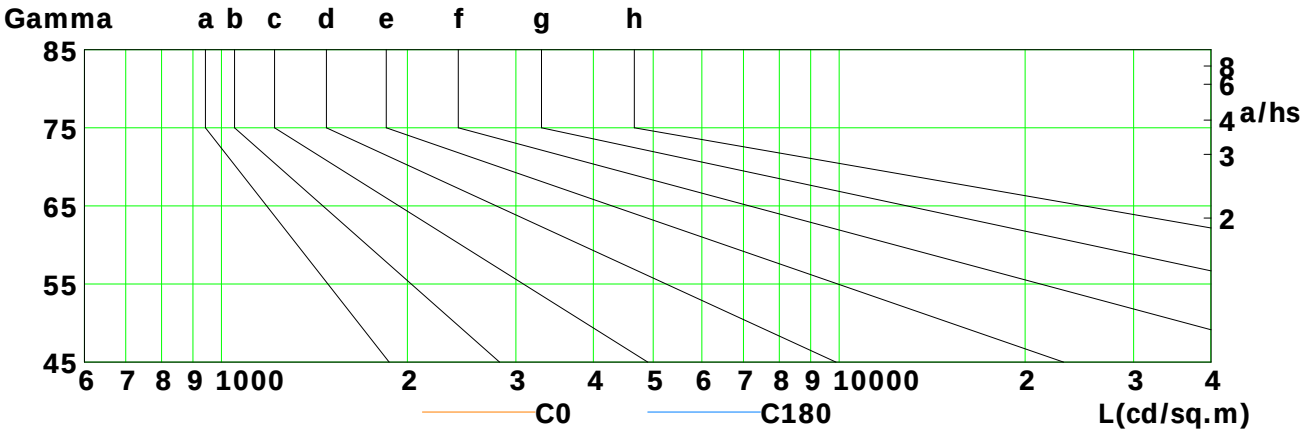
( 1%): 0.1 lx
( 2%): 0.1 lx
( 5%): 0.3 lx
( 10%): 0.5 lx
( 20%): 1.0 lx
( 50%): 2.6 lx
(100%): 5.1 lx

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:5.0
Test Lab:
Test Device: GPM-1600L
Test Type: TYPE C
Distance: 6.361 m
Temperature: 25℃
Humidity: 56%
Operator:
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 |



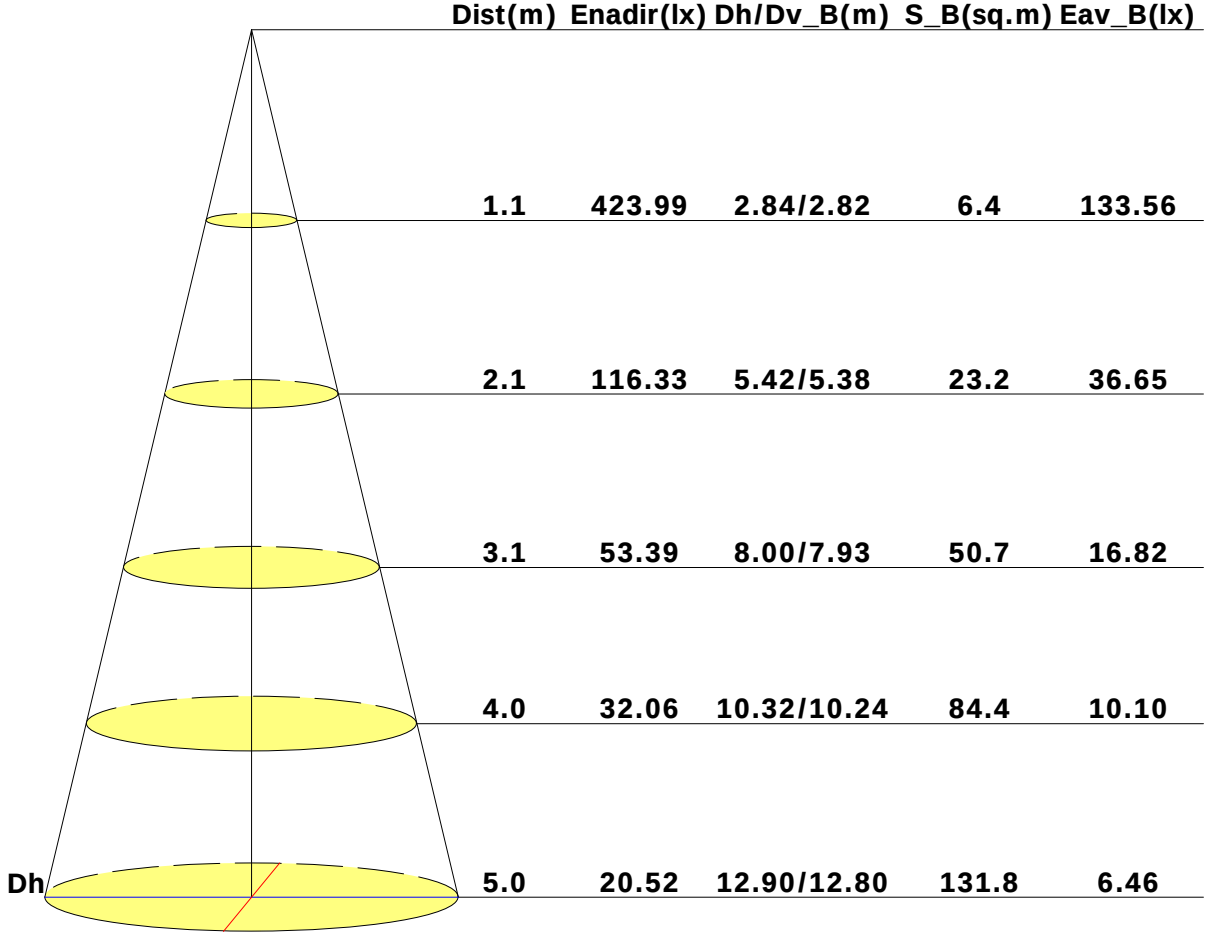




| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|---|---|---|---|---|---|---|---|---|---|
| C0 | 326 | 285 | 244 | 199 | 153 | 109 | 67 | 30 | 6 |
| C90 | 329 | 291 | 251 | 207 | 164 | 121 | 81 | 44 | 12 |
| C180 | 305 | 265 | 223 | 178 | 133 | 91 | 52 | 18 | 3 |
| C270 | 281 | 240 | 199 | 157 | 114 | 74 | 37 | 7 | 0 |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

# Illuminance at a Distance



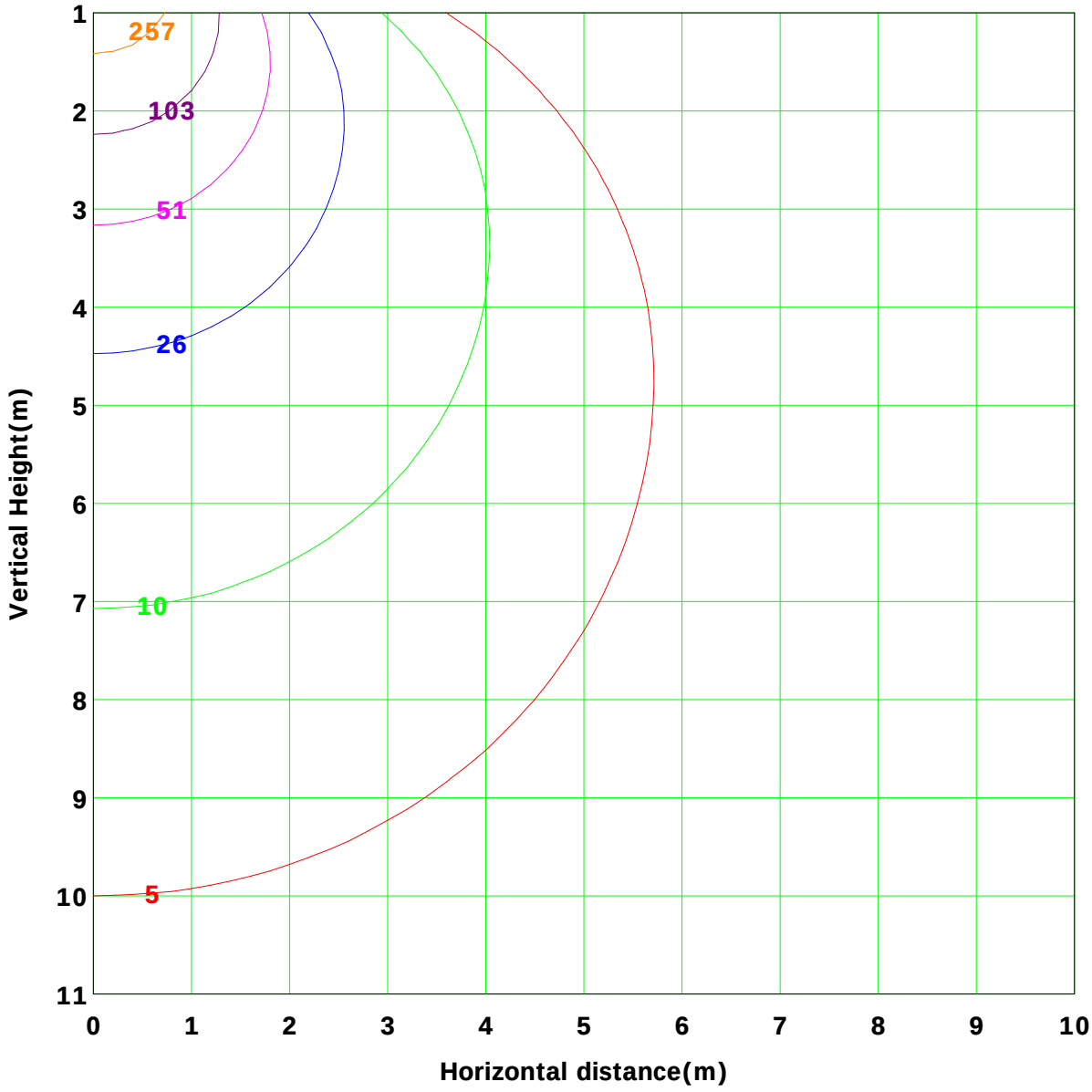

| Dist(m) | Enadir(lx) | Dh/Dv_B(m) | S_B(sq.m) | Eav_B(lx) |
|---|---|---|---|---|
| 1.1 | 423.99 | 2.84/2.82 | 6.4 | 133.56 |
| 2.1 | 116.33 | 5.42/5.38 | 23.2 | 36.65 |
| 3.1 | 53.39 | 8.00/7.93 | 50.7 | 16.82 |
| 4.0 | 32.06 | 10.32/10.24 | 84.4 | 10.10 |
| 5.0 | 20.52 | 12.90/12.80 | 131.8 | 6.46 |

Beam Angle(B): H104.4 V104.0 Field Angle(F): H152.2 V152.5

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

# Vertical IsoLux Plot

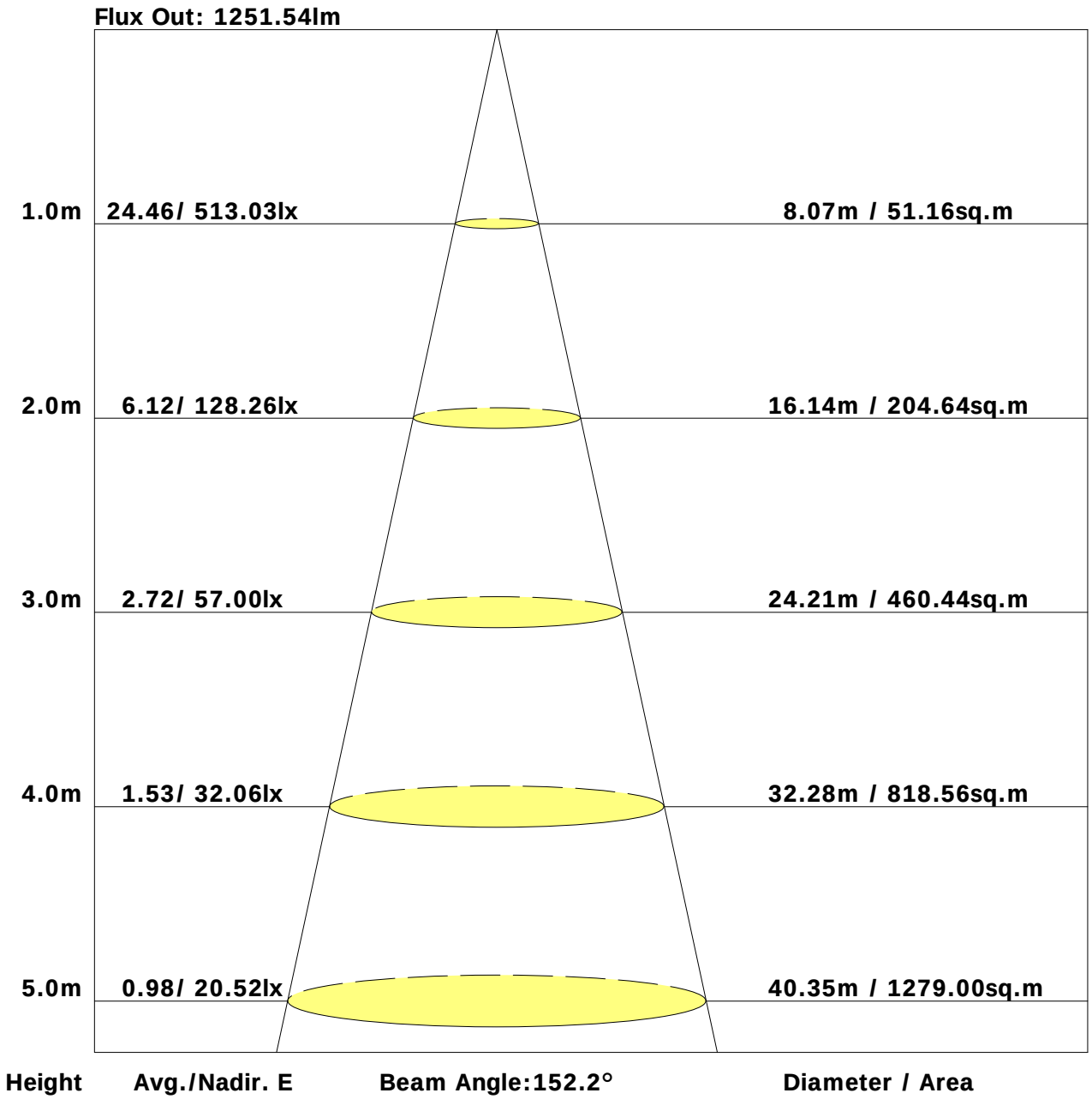



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 513.0 lx

( 1%): 5.1 lx
( 2%): 10.3 lx
( 5%): 25.7 lx
( 10%): 51.3 lx
( 20%): 102.6 lx
( 50%): 256.5 lx
(100%): 513.0 lx

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:5.0
Test Lab:
Test Device: GPM-1600L
Test Type: TYPE C
Distance: 6.361 m
Temperature: 25℃
Humidity: 56%
Operator:
Inspector:

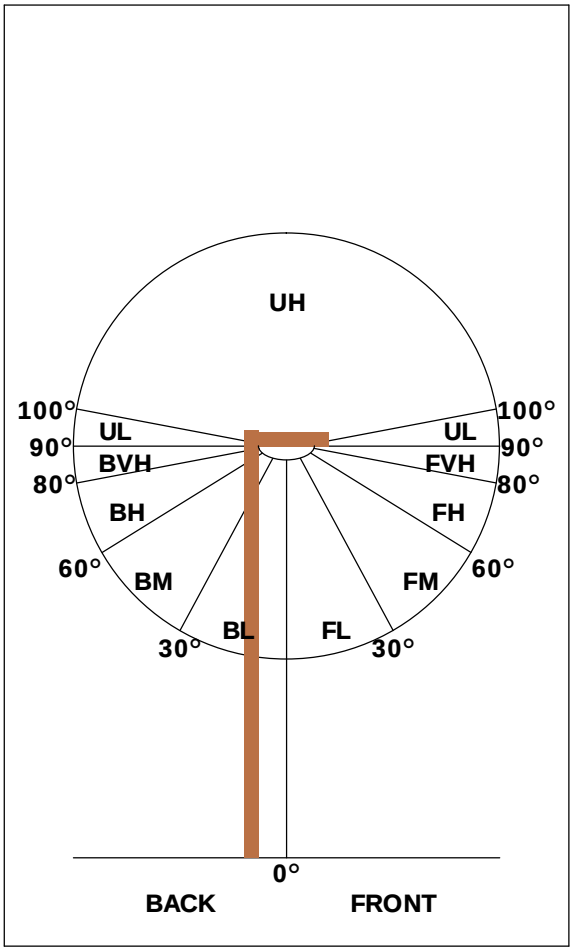
# The Average Illuminance Effective Figure




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

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




| ZONE | LUMENS | % LAMP LUMENS |
|---|---|---|
| FORWARD LIGHT | 650 | 50.3 |
| FL ( 0°-30°) | 193 | 14.9 |
| FM (30°-60°) | 343 | 26.6 |
| FH (60°-80°) | 107 | 8.3 |
| FVH (80°-90°) | 6 | 0.5 |
| BACK LIGHT | 630 | 48.7 |
| BL ( 0°-30°) | 191 | 14.8 |
| BM (30°-60°) | 334 | 25.8 |
| BH (60°-80°) | 100 | 7.7 |
| BVH (80°-90°) | 5 | 0.4 |
| UP LIGHT | 13 | 1.0 |
| UL (90°-100°) | 1 | 0.1 |
| UH (100°-180°) | 12 | 1.0 |
| TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|---|---|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV) | B1 U2 G0 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B1 U2 G0 |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

Tel:
Fax:



# Zonal Lumen

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|---|---|---|---|---|---|
| 0.0-5.0 | 500.4 | 12.0 | 12.0 | 0.93 | 0.93 |
| 5.0-10.0 | 495.4 | 35.4 | 47.4 | 2.74 | 3.67 |
| 10.0-15.0 | 485.3 | 57.6 | 105.0 | 4.45 | 8.12 |
| 15.0-20.0 | 470.2 | 77.5 | 182.5 | 5.99 | 14.11 |
| 20.0-25.0 | 450.1 | 94.4 | 276.9 | 7.30 | 21.42 |
| 25.0-30.0 | 425.2 | 107.6 | 384.5 | 8.32 | 29.74 |
| 30.0-35.0 | 395.9 | 116.6 | 501.1 | 9.02 | 38.76 |
| 35.0-40.0 | 362.6 | 121.0 | 622.1 | 9.36 | 48.12 |
| 40.0-45.0 | 326.2 | 120.8 | 742.9 | 9.34 | 57.46 |
| 45.0-50.0 | 287.6 | 116.2 | 859.1 | 8.99 | 66.45 |
| 50.0-55.0 | 247.5 | 107.6 | 966.7 | 8.32 | 74.77 |
| 55.0-60.0 | 206.1 | 95.3 | 1062.0 | 7.37 | 82.14 |
| 60.0-65.0 | 163.6 | 79.5 | 1141.5 | 6.15 | 88.29 |
| 65.0-70.0 | 121.1 | 61.3 | 1202.8 | 4.74 | 93.03 |
| 70.0-75.0 | 80.5 | 42.1 | 1244.9 | 3.26 | 96.29 |
| 75.0-80.0 | 44.0 | 23.6 | 1268.5 | 1.82 | 98.11 |
| 80.0-85.0 | 16.9 | 9.2 | 1277.7 | 0.71 | 98.82 |
| 85.0-90.0 | 3.8 | 2.1 | 1279.7 | 0.16 | 98.98 |
| 90.0-95.0 | 0.7 | 0.4 | 1280.1 | 0.03 | 99.01 |
| 95.0-100.0 | 0.7 | 0.4 | 1280.5 | 0.03 | 99.04 |
| 100.0-105.0 | 0.9 | 0.5 | 1281.0 | 0.04 | 99.08 |
| 105.0-110.0 | 1.1 | 0.6 | 1281.6 | 0.05 | 99.12 |
| 110.0-115.0 | 1.4 | 0.7 | 1282.3 | 0.05 | 99.18 |
| 115.0-120.0 | 1.7 | 0.8 | 1283.1 | 0.06 | 99.24 |
| 120.0-125.0 | 2.0 | 0.9 | 1284.0 | 0.07 | 99.31 |
| 125.0-130.0 | 2.3 | 1.0 | 1285.0 | 0.08 | 99.39 |
| 130.0-135.0 | 2.6 | 1.0 | 1286.1 | 0.08 | 99.47 |
| 135.0-140.0 | 2.9 | 1.1 | 1287.1 | 0.08 | 99.55 |
| 140.0-145.0 | 3.3 | 1.1 | 1288.2 | 0.08 | 99.64 |
| 145.0-150.0 | 3.6 | 1.1 | 1289.3 | 0.08 | 99.72 |
| 150.0-155.0 | 3.9 | 1.0 | 1290.3 | 0.08 | 99.80 |
| 155.0-160.0 | 4.2 | 0.9 | 1291.1 | 0.07 | 99.86 |
| 160.0-165.0 | 4.4 | 0.7 | 1291.9 | 0.06 | 99.92 |
| 165.0-170.0 | 4.7 | 0.6 | 1292.4 | 0.04 | 99.96 |
| 170.0-175.0 | 4.9 | 0.3 | 1292.8 | 0.03 | 99.99 |
| 175.0-180.0 | 5.0 | 0.1 | 1292.9 | 0.01 | 100.00 |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
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 | 513.0 | 506.9 | 502.9 | 500.5 | 498.9 | 497.9 | 496.9 | 495.8 | 513.0 | 506.9 |
| G5.0 | 511.6 | 506.1 | 502.6 | 500.2 | 498.7 | 496.5 | 495.3 | 494.1 | 509.4 | 502.6 |
| G10.0 | 505.2 | 500.5 | 497.4 | 495.2 | 493.5 | 490.0 | 488.8 | 487.6 | 500.9 | 493.2 |
| G15.0 | 493.5 | 489.6 | 487.3 | 485.3 | 483.5 | 478.8 | 477.5 | 476.2 | 486.8 | 478.7 |
| G20.0 | 476.7 | 474.0 | 471.9 | 470.4 | 468.5 | 462.8 | 461.2 | 459.9 | 467.6 | 458.9 |
| G25.0 | 455.0 | 453.4 | 451.9 | 450.9 | 449.0 | 442.0 | 440.3 | 438.9 | 443.4 | 434.1 |
| G30.0 | 428.6 | 428.2 | 427.2 | 426.6 | 424.8 | 416.5 | 415.0 | 413.3 | 414.6 | 404.7 |
| G35.0 | 398.0 | 398.7 | 398.4 | 398.0 | 396.3 | 387.4 | 385.5 | 383.8 | 381.3 | 371.1 |
| G40.0 | 363.1 | 365.1 | 365.6 | 365.4 | 364.1 | 354.2 | 352.4 | 350.5 | 344.7 | 334.3 |
| G45.0 | 325.6 | 328.4 | 329.6 | 330.1 | 328.8 | 318.6 | 316.6 | 314.6 | 305.2 | 294.9 |
| G50.0 | 285.5 | 289.4 | 291.3 | 292.2 | 291.0 | 280.9 | 278.7 | 276.5 | 264.6 | 254.1 |
| G55.0 | 243.5 | 248.9 | 251.1 | 252.3 | 250.5 | 240.9 | 239.6 | 237.3 | 222.6 | 212.7 |
| G60.0 | 198.7 | 205.4 | 210.6 | 210.1 | 207.3 | 197.8 | 200.2 | 195.6 | 178.1 | 171.1 |
| G65.0 | 153.4 | 160.3 | 168.9 | 167.2 | 164.4 | 154.3 | 157.1 | 152.5 | 133.0 | 127.6 |
| G70.0 | 108.7 | 116.1 | 124.3 | 124.9 | 121.3 | 112.0 | 113.0 | 111.0 | 90.9 | 87.1 |
| G75.0 | 66.9 | 74.6 | 81.3 | 84.3 | 80.9 | 71.7 | 71.5 | 72.2 | 51.8 | 50.0 |
| G80.0 | 29.5 | 37.1 | 43.9 | 46.7 | 43.8 | 34.8 | 34.5 | 36.7 | 17.7 | 20.1 |
| G85.0 | 6.4 | 9.4 | 17.4 | 19.4 | 12.4 | 10.1 | 11.9 | 9.2 | 3.3 | 2.5 |
| G90.0 | 0.6 | 0.8 | 1.5 | 3.5 | 2.5 | 1.5 | 1.4 | 0.9 | 0.2 | 0.3 |
| G95.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.3 | 0.3 |
| G100.0 | 1.1 | 1.1 | 1.0 | 1.1 | 1.1 | 1.2 | 1.1 | 1.1 | 0.5 | 0.5 |
| G105.0 | 1.4 | 1.3 | 1.3 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 0.7 | 0.7 |
| G110.0 | 1.7 | 1.6 | 1.6 | 1.6 | 1.7 | 1.8 | 1.7 | 1.7 | 0.9 | 0.9 |
| G115.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 1.1 | 1.1 |
| G120.0 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 | 1.4 | 1.4 |
| G125.0 | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 | 2.7 | 2.8 | 2.8 | 1.7 | 1.6 |
| G130.0 | 3.1 | 3.0 | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 | 3.1 | 2.0 | 1.9 |
| G135.0 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 2.3 | 2.2 |
| G140.0 | 3.8 | 3.7 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 | 2.6 | 2.6 |
| G145.0 | 4.1 | 4.0 | 4.0 | 3.9 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 |
| G150.0 | 4.3 | 4.3 | 4.2 | 4.2 | 4.2 | 4.3 | 4.3 | 4.3 | 3.4 | 3.3 |
| G155.0 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 3.8 | 3.7 |
| G160.0 | 4.8 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.2 | 4.1 |
| G165.0 | 5.0 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.9 | 4.5 | 4.4 |
| G170.0 | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 4.9 | 4.9 | 5.0 | 4.9 | 4.7 |
| G175.0 | 5.2 | 5.1 | 5.1 | 5.1 | 5.0 | 5.0 | 4.9 | 5.0 | 5.1 | 5.0 |
| G180.0 | 5.2 | 5.1 | 5.0 | 5.0 | 5.0 | 4.9 | 4.9 | 4.9 | 5.3 | 5.1 |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector:

# Candlepower Table (Continue 1)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| G0.0 | 502.9 | 500.5 | 498.9 | 497.9 | 496.9 | 495.8 | 513.0 | | | |
| G5.0 | 498.3 | 495.7 | 494.2 | 494.5 | 493.5 | 492.6 | 511.6 | | | |
| G10.0 | 488.7 | 485.7 | 484.3 | 485.9 | 485.1 | 484.3 | 505.2 | | | |
| G15.0 | 473.7 | 470.5 | 469.0 | 472.1 | 471.3 | 470.7 | 493.5 | | | |
| G20.0 | 453.6 | 450.0 | 448.7 | 453.0 | 452.4 | 452.2 | 476.7 | | | |
| G25.0 | 428.3 | 424.6 | 423.0 | 428.8 | 428.5 | 428.3 | 455.0 | | | |
| G30.0 | 398.6 | 394.2 | 393.1 | 399.9 | 399.9 | 400.0 | 428.6 | | | |
| G35.0 | 364.7 | 360.0 | 358.5 | 366.4 | 366.8 | 367.5 | 398.0 | | | |
| G40.0 | 327.1 | 322.5 | 321.0 | 329.8 | 330.1 | 330.9 | 363.1 | | | |
| G45.0 | 287.4 | 282.6 | 281.0 | 290.4 | 290.9 | 292.3 | 325.6 | | | |
| G50.0 | 246.9 | 241.8 | 240.2 | 250.0 | 250.8 | 252.3 | 285.5 | | | |
| G55.0 | 205.4 | 200.2 | 198.7 | 208.6 | 209.6 | 210.9 | 243.5 | | | |
| G60.0 | 164.7 | 159.3 | 157.0 | 167.7 | 169.1 | 168.2 | 198.7 | | | |
| G65.0 | 124.5 | 116.3 | 114.4 | 126.0 | 128.3 | 125.5 | 153.4 | | | |
| G70.0 | 83.8 | 75.8 | 73.9 | 86.0 | 88.6 | 84.8 | 108.7 | | | |
| G75.0 | 45.3 | 39.2 | 37.5 | 48.7 | 51.7 | 47.4 | 66.9 | | | |
| G80.0 | 15.9 | 8.6 | 7.4 | 16.9 | 22.4 | 18.0 | 29.5 | | | |
| G85.0 | 0.8 | 0.3 | 0.2 | 0.7 | 0.9 | 1.1 | 6.4 | | | |
| G90.0 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.6 | | | |
| G95.0 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.9 | | | |
| G100.0 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 1.1 | | | |
| G105.0 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 1.4 | | | |
| G110.0 | 0.9 | 0.8 | 0.9 | 0.8 | 0.8 | 0.8 | 1.7 | | | |
| G115.0 | 1.1 | 1.1 | 1.1 | 1.0 | 0.9 | 1.0 | 2.0 | | | |
| G120.0 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 2.4 | | | |
| G125.0 | 1.6 | 1.6 | 1.6 | 1.4 | 1.4 | 1.5 | 2.7 | | | |
| G130.0 | 1.9 | 1.9 | 1.9 | 1.7 | 1.7 | 1.7 | 3.1 | | | |
| G135.0 | 2.2 | 2.2 | 2.2 | 2.0 | 2.0 | 2.0 | 3.4 | | | |
| G140.0 | 2.5 | 2.5 | 2.5 | 2.3 | 2.3 | 2.3 | 3.8 | | | |
| G145.0 | 2.9 | 2.9 | 2.9 | 2.7 | 2.7 | 2.7 | 4.1 | | | |
| G150.0 | 3.3 | 3.2 | 3.2 | 3.1 | 3.0 | 3.0 | 4.3 | | | |
| G155.0 | 3.7 | 3.6 | 3.6 | 3.5 | 3.4 | 3.4 | 4.6 | | | |
| G160.0 | 4.0 | 4.0 | 3.9 | 3.8 | 3.8 | 3.7 | 4.8 | | | |
| G165.0 | 4.3 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 | 5.0 | | | |
| G170.0 | 4.7 | 4.6 | 4.6 | 4.5 | 4.4 | 4.4 | 5.1 | | | |
| G175.0 | 4.9 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 5.2 | | | |
| G180.0 | 5.1 | 5.0 | 5.1 | 4.9 | 4.9 | 4.9 | 5.2 | | | |

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25℃
Operator:

Gamma Plane (°):0.0-180.0:5.0
Test Device: GPM-1600L
Distance: 6.361 m
Humidity: 56%
Inspector: