

Report No.:

Test Time: 2025-09-14 14:34

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.0000 A  
Power Factor: 0.0000

Luminaire Description: ALL IN 2/240W  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 0.00 V  
Power: 0.00 W

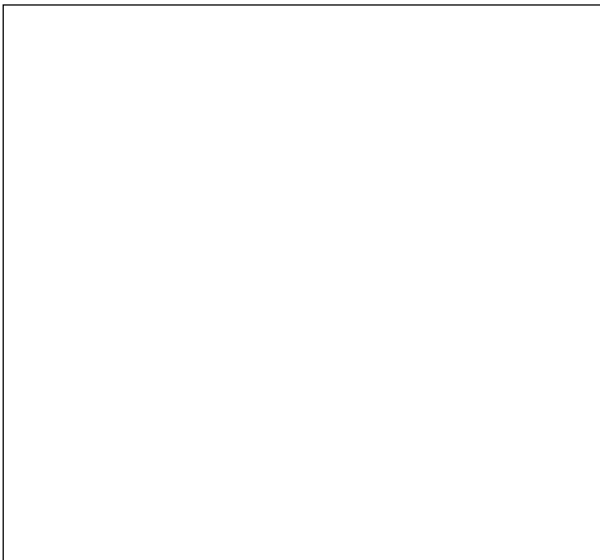
## Photometric Results

CIE Class: Direct  
Measurement Flux: 1658.5 lm  
Downward Ratio: 99%  
Horizontal Diffuse Angle(50%): H134.2  
Vertical Diffuse Angle(50%): V69.7  
Luminous Efficacy (lm/w): 1658.51  
Max. Intensity: 922.22 cd  
S/MH(C0/C180): 1.71

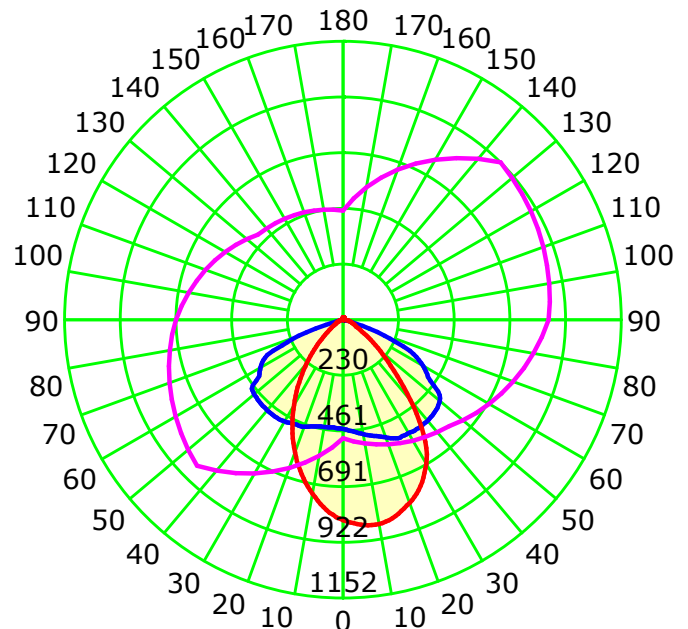
Total Rated Lamp Lumens: 1658.5 lm  
Efficiency: 100%  
Upward Ratio: 1%

C0r0 Intensity: 452.98 cd  
Pos of Max. Intensity: H135 V13  
S/MH(C90/C270): 1.03

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

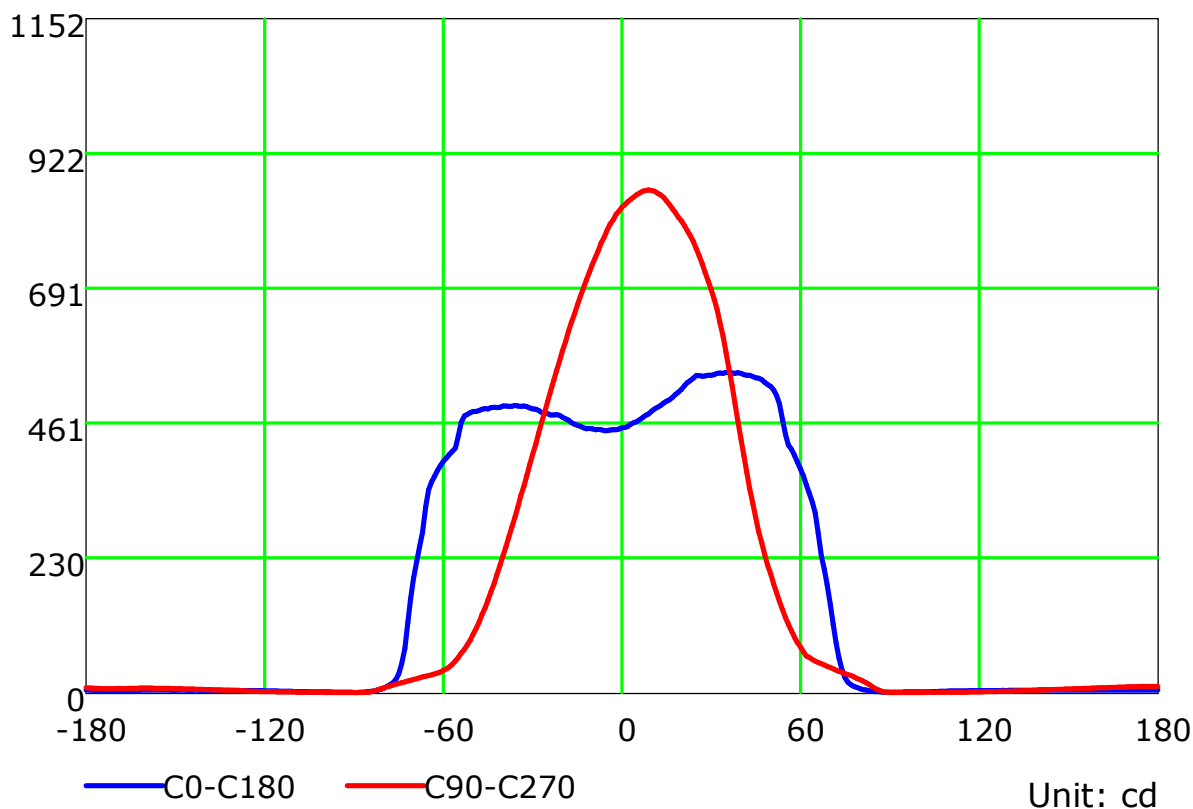
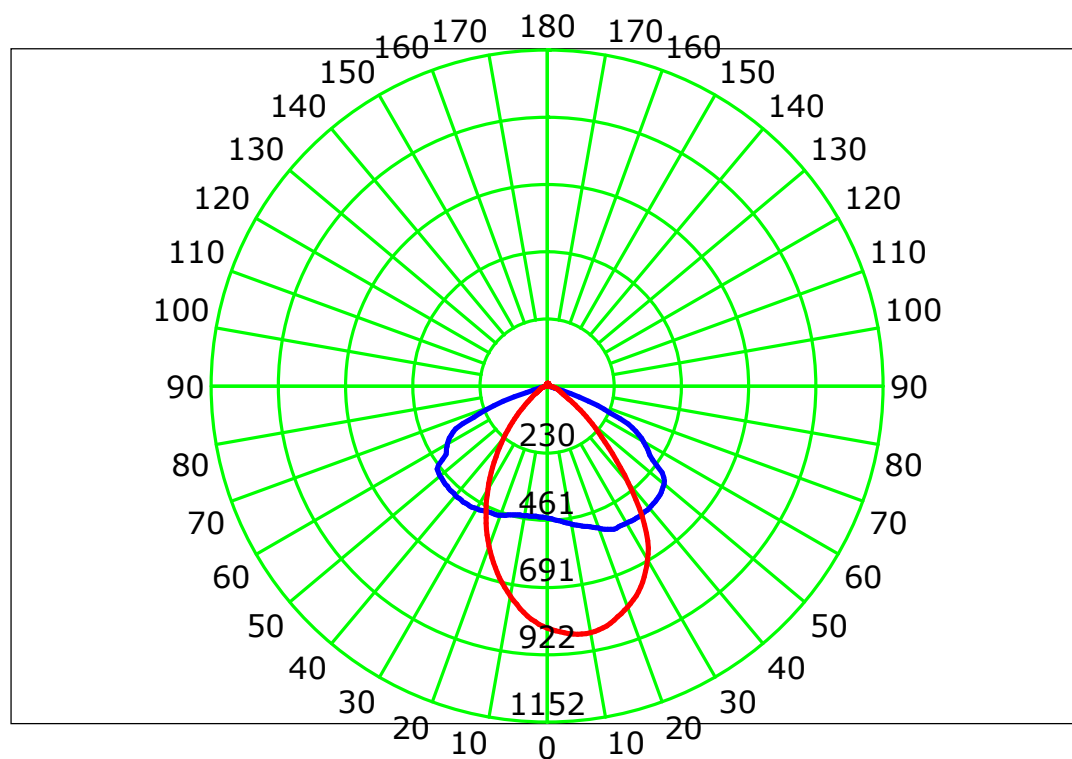
Average Diffuse Angle(50%): 100.9°

— C0-C180 — C90-C270 — G13

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

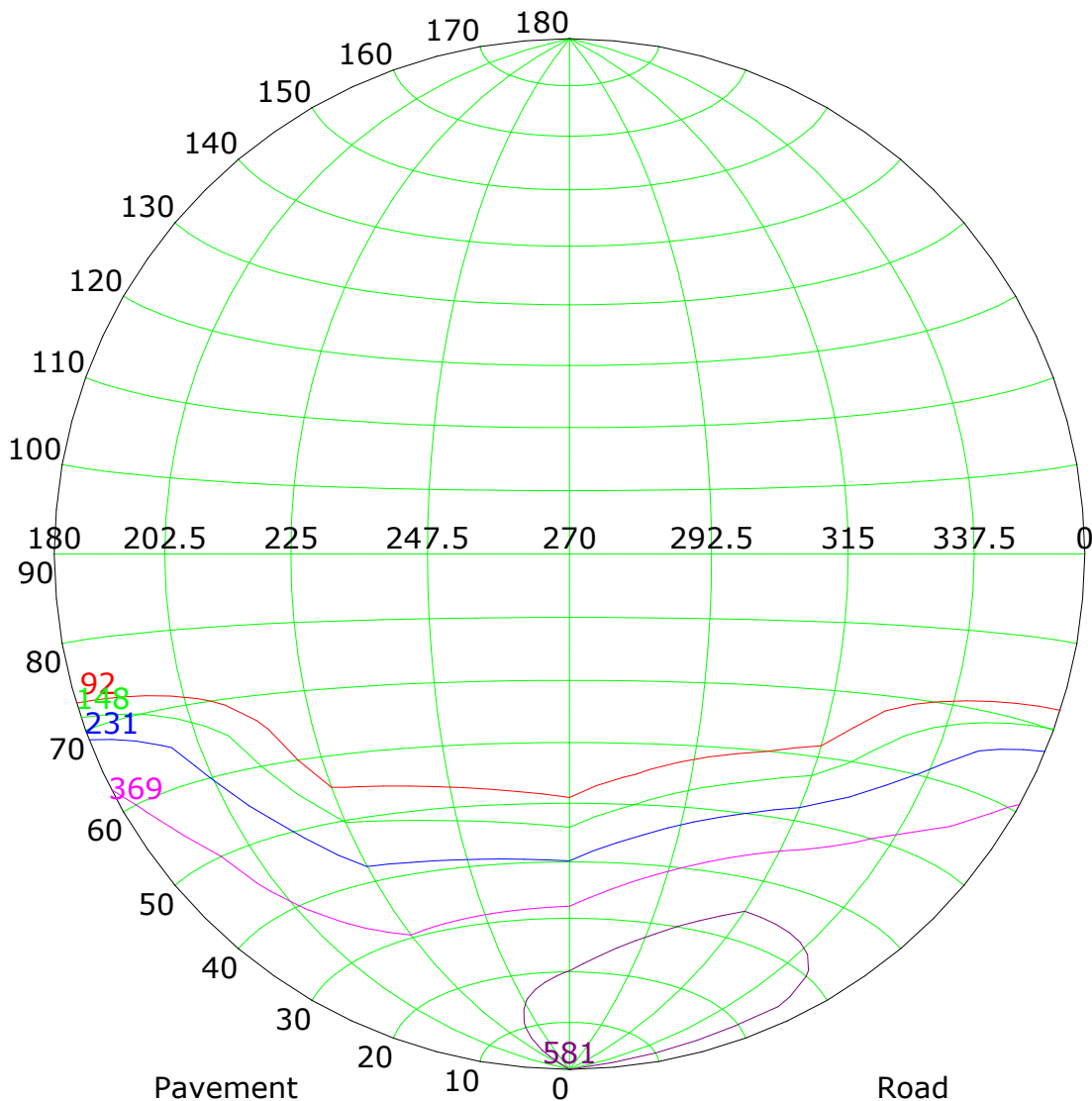
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Isocandela (sphere)



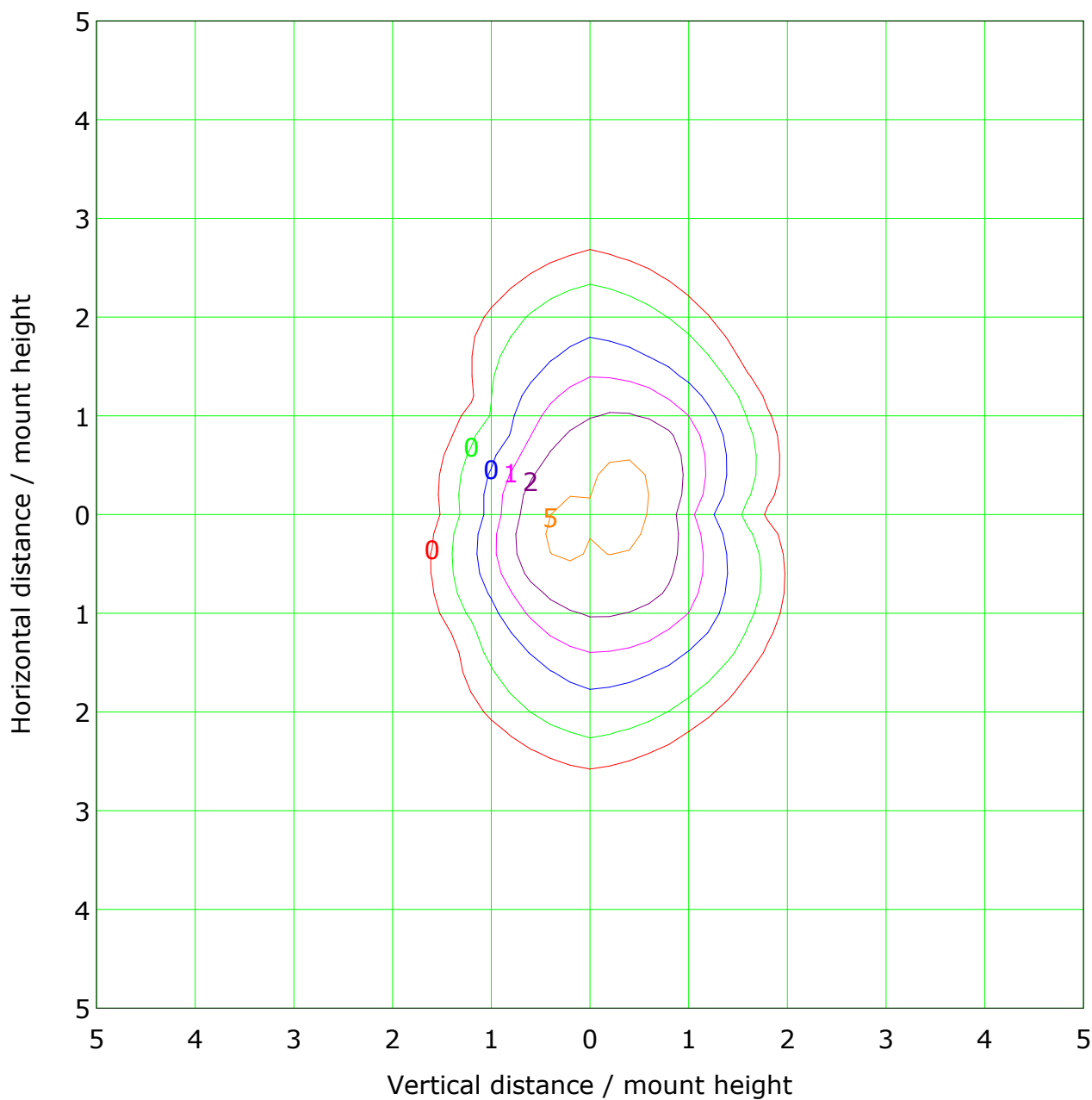
Imax (100%): 922 cd

|                |                |
|----------------|----------------|
| ( 10%): 92 cd  | ( 16%): 148 cd |
| ( 25%): 231 cd | ( 40%): 369 cd |
| ( 63%): 581 cd | (100%): 922 cd |

CIE: narrow - short  
CIE: Full-cut-off luminaire  
Max.At90: 0.555 cd/klm

IES: Cut-off  
Max.At80: 13.506 cd/klm  
Max.80-90: 13.506 cd/klm

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 9.0 lx

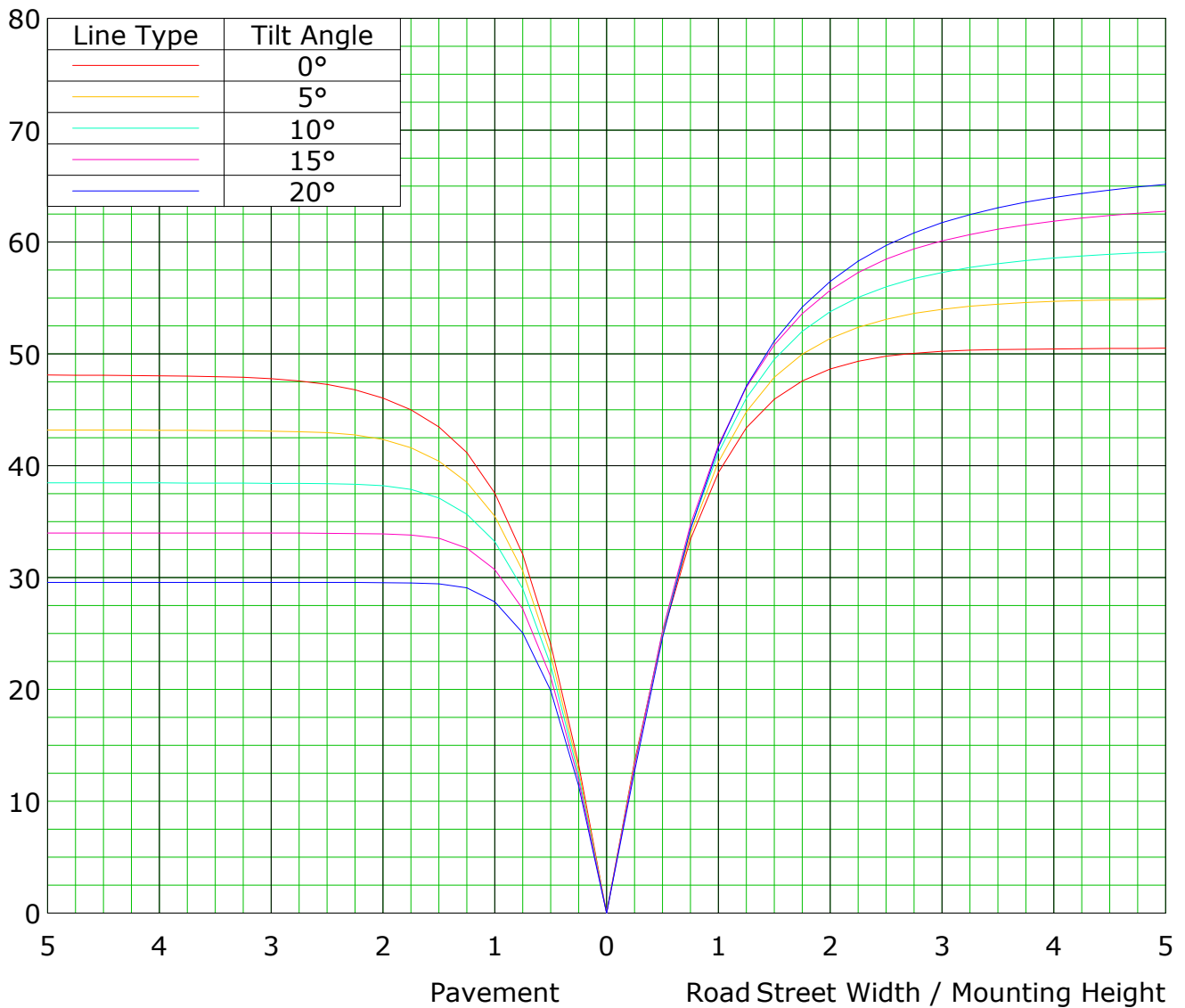
|                |                |
|----------------|----------------|
| ( 1%): 0.1 lx  | ( 2%): 0.2 lx  |
| ( 5%): 0.5 lx  | ( 10%): 0.9 lx |
| ( 20%): 1.8 lx | ( 50%): 4.5 lx |
| (100%): 9.0 lx |                |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Roadway CU Curve

Efficiency(%)



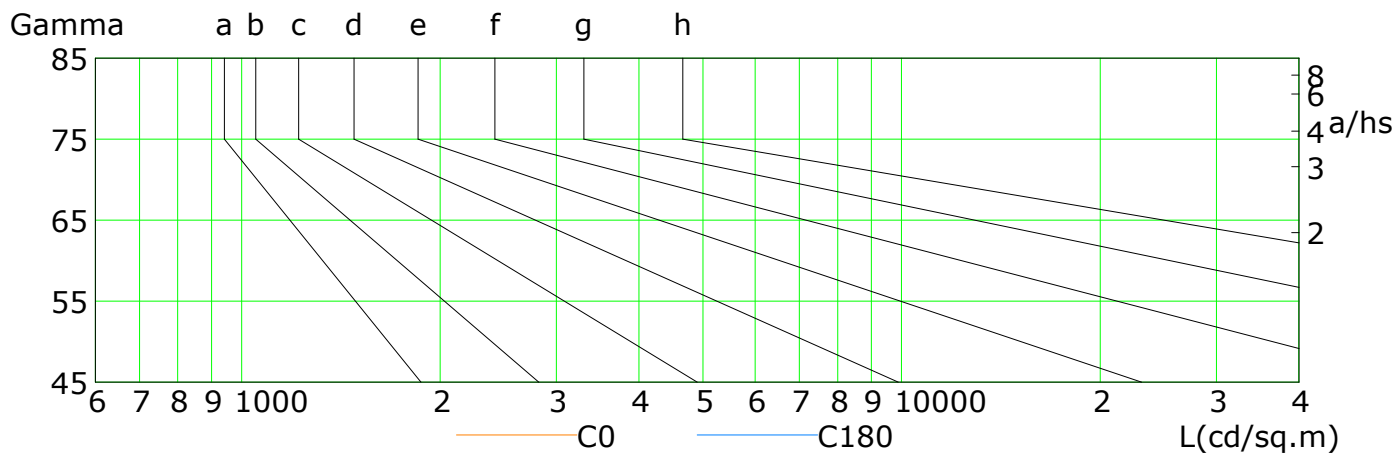
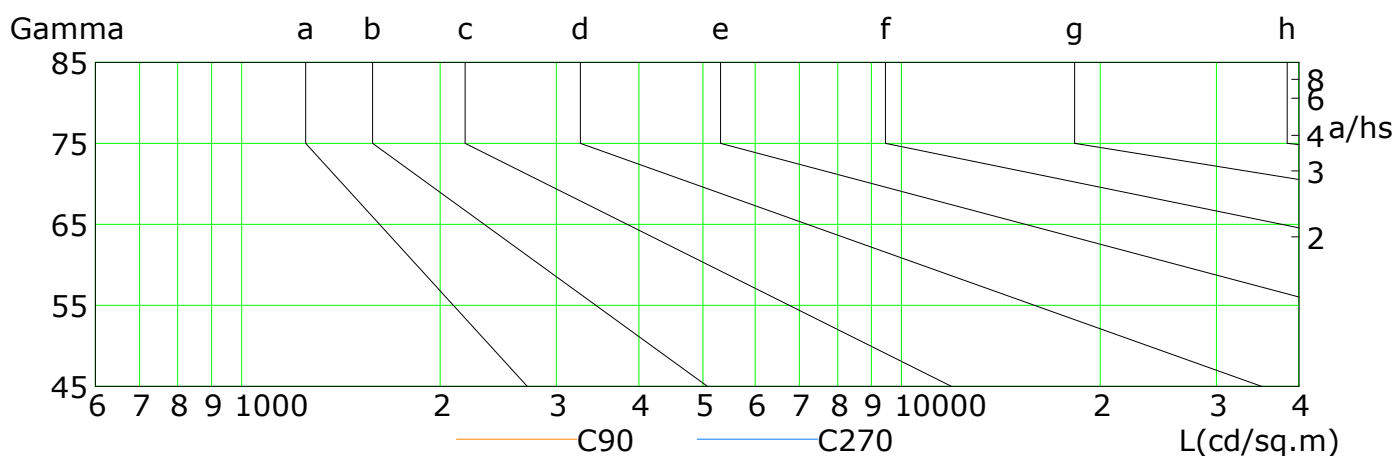
C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
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

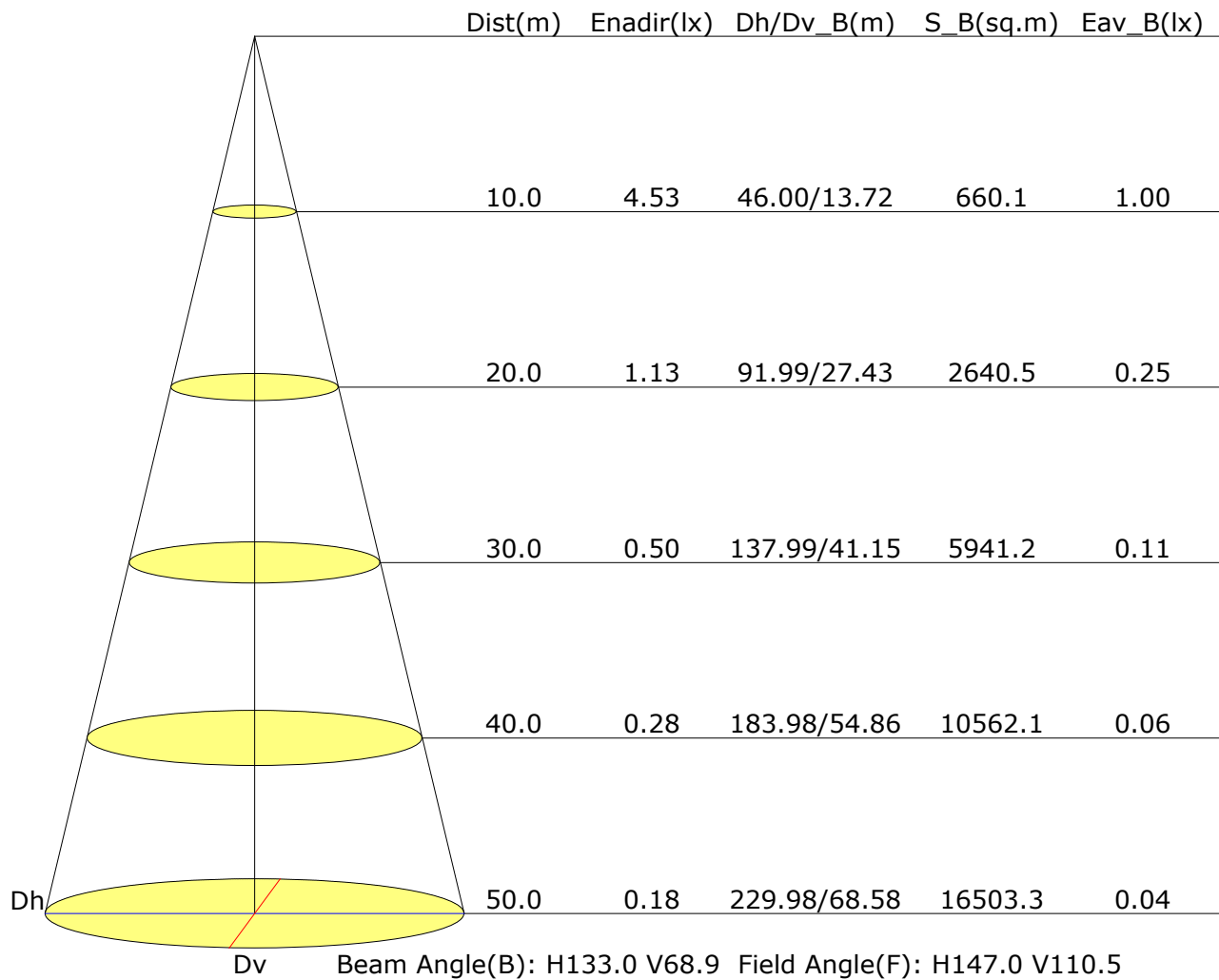


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0         | 539 | 524 | 442 | 383 | 307 | 151 | 26  | 7   | 2   |
| C90        | 299 | 203 | 129 | 78  | 54  | 43  | 33  | 22  | 8   |
| C180       | 486 | 481 | 439 | 396 | 347 | 196 | 33  | 8   | 2   |
| C270       | 159 | 100 | 61  | 38  | 29  | 22  | 16  | 8   | 1   |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

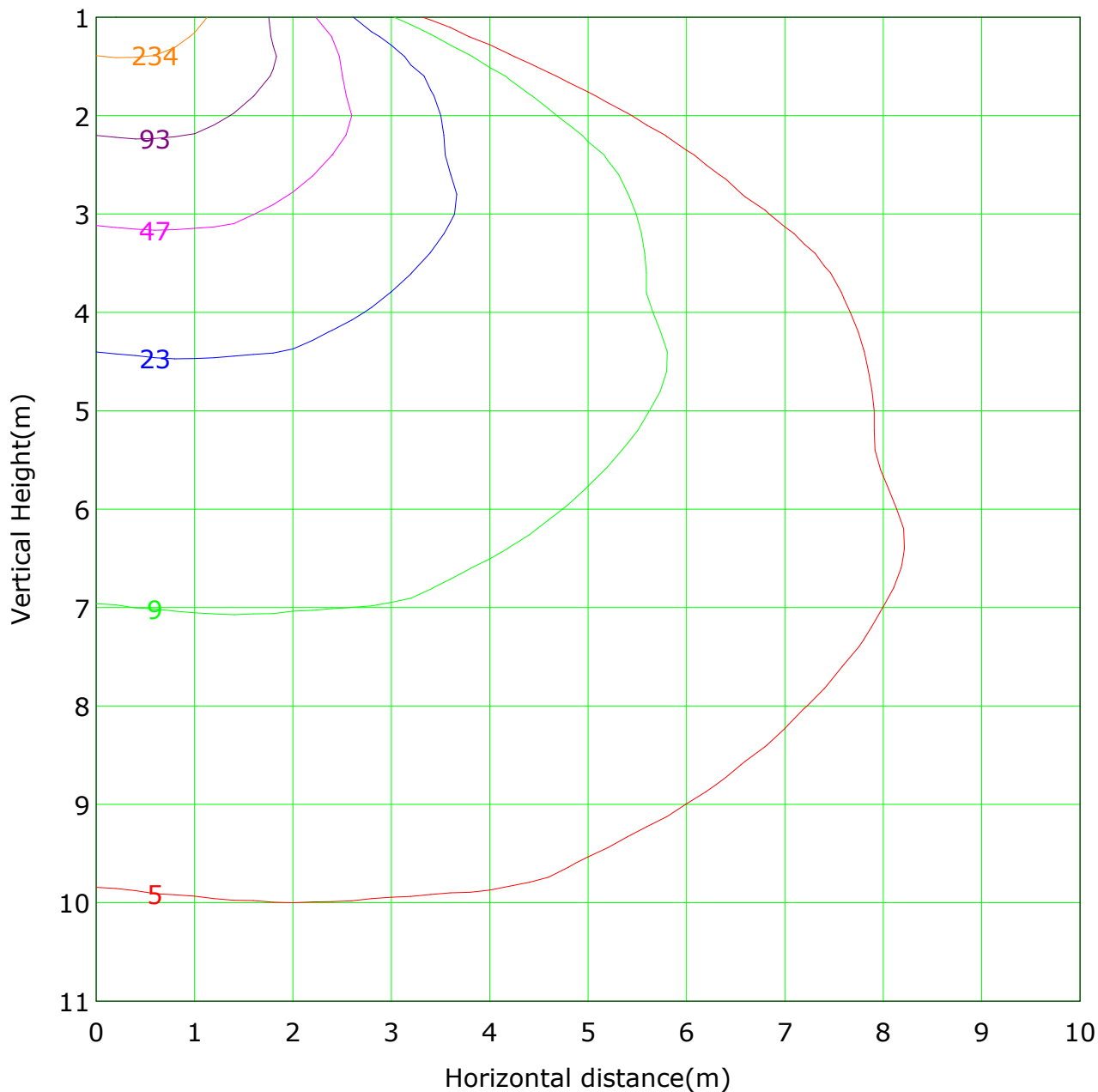
## Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 467.4 lx

|                  |                  |
|------------------|------------------|
| ( 1%): 4.7 lx    | ( 2%): 9.3 lx    |
| ( 5%): 23.4 lx   | ( 10%): 46.7 lx  |
| ( 20%): 93.5 lx  | ( 50%): 233.7 lx |
| (100%): 467.4 lx |                  |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Area Flux Table

Unit: lm

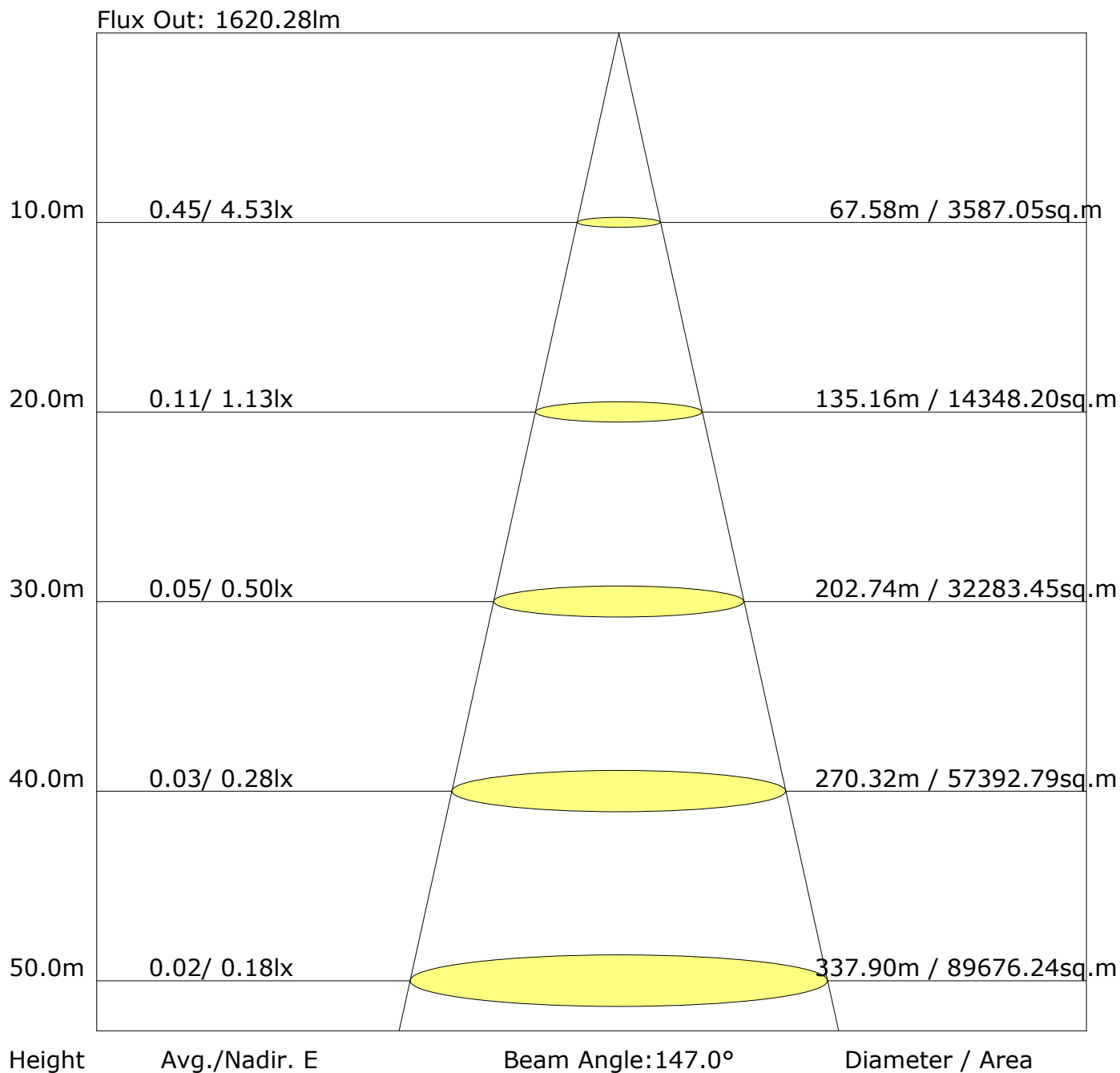
| Vertical plane |         | -90  | -80  | -70  | -60   | -50   | -40   | -30   | -20   | -10   | 0     | 10    | 20    | 30   | 40   | 50   | 60  | 70  | 80    | 90    |
|----------------|---------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|-------|-------|
| Flux(E)        | Flux(T) | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0   | 0.1   |
| 0.0            | 0.1     | 0.0  | 0.0  | 0.0  | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0   | 0.1   |
| 1.2            | 3.2     | 25.2 | 27.5 | 58.9 | 90.4  | 121.8 | 149.8 | 167.9 | 179.4 | 182.7 | 176.2 | 160.5 | 132.9 | 99.1 | 60.6 | 24.6 | 2.5 | 0.1 | 1638  |       |
| 1.2            | 3.2     | 25.2 | 56.3 | 86.5 | 116.9 | 144.6 | 162.4 | 173.2 | 176.7 | 171.1 | 155.9 | 128.6 | 95.6  | 57.9 | 22.1 | 0.6  | 0.0 | 0.0 | 1575  |       |
| 0.0            | 0.1     | 0.1  | 0.2  | 0.5  | 1.0   | 1.5   | 2.1   | 2.3   | 2.0   | 2.1   | 2.7   | 2.5   | 1.8   | 1.0  | 0.4  | 0.1  | 0.0 | 0.0 | 20.4  | 6.7   |
| 0.0            | 0.1     | 0.4  | 1.6  | 3.0  | 5.0   | 6.7   | 6.8   | 5.3   | 5.3   | 7.0   | 7.4   | 6.1   | 3.5   | 1.5  | 0.3  | 0.1  | 0.0 | 0.0 | 59.9  | 57.2  |
| 0.0            | 0.1     | 1.1  | 3.4  | 6.6  | 11.5  | 14.2  | 13.8  | 11.2  | 10.5  | 12.1  | 12.6  | 11.2  | 7.2   | 3.5  | 0.9  | 0.1  | 0.0 | 0.0 | 119.7 | 118.6 |
| 0.0            | 0.2     | 2.0  | 5.3  | 10.0 | 16.5  | 20.3  | 20.2  | 18.8  | 17.6  | 17.0  | 16.2  | 14.2  | 9.9   | 5.4  | 1.7  | 0.1  | 0.0 | 0.0 | 175.5 | 174.8 |
| 0.0            | 0.3     | 2.9  | 6.6  | 11.9 | 17.5  | 22.7  | 24.5  | 23.8  | 21.9  | 19.6  | 17.6  | 14.9  | 11.4  | 6.8  | 2.6  | 0.2  | 0.0 | 0.0 | 205.2 | 204.7 |
| 0.0            | 0.4     | 3.6  | 7.5  | 12.0 | 16.1  | 20.5  | 25.4  | 26.3  | 22.7  | 18.7  | 16.9  | 14.7  | 11.8  | 7.5  | 3.3  | 0.3  | 0.0 | 0.0 | 207.8 | 207.3 |
| 0.0            | 0.5     | 4.1  | 7.7  | 11.1 | 13.6  | 15.9  | 18.9  | 24.1  | 19.1  | 16.2  | 15.5  | 14.0  | 11.7  | 7.9  | 3.7  | 0.4  | 0.0 | 0.0 | 184.6 | 184.2 |
| 0.0            | 0.5     | 4.0  | 7.2  | 9.8  | 11.5  | 12.8  | 13.8  | 17.1  | 23.1  | 18.7  | 16.1  | 13.7  | 11.2  | 7.5  | 3.6  | 0.4  | 0.0 | 0.0 | 170.9 | 170.5 |
| 0.0            | 0.4     | 3.4  | 6.1  | 8.3  | 9.9   | 11.5  | 13.4  | 17.5  | 21.9  | 22.0  | 17.5  | 13.3  | 10.1  | 6.5  | 3.1  | 0.3  | 0.0 | 0.0 | 165.3 | 164.9 |
| 0.0            | 0.3     | 2.7  | 4.9  | 6.6  | 7.8   | 9.2   | 11.6  | 14.2  | 16.7  | 17.9  | 15.7  | 11.6  | 8.4   | 5.2  | 2.4  | 0.2  | 0.0 | 0.0 | 135.4 | 134.8 |
| 0.0            | 0.1     | 1.8  | 3.8  | 4.6  | 5.2   | 6.4   | 8.2   | 9.5   | 10.9  | 12.0  | 11.0  | 8.5   | 6.0   | 3.9  | 1.6  | 0.1  | 0.0 | 0.0 | 93.6  | 92.9  |
| 0.0            | 0.1     | 0.9  | 2.5  | 2.8  | 2.7   | 3.6   | 4.6   | 5.0   | 5.8   | 6.6   | 6.2   | 4.7   | 3.6   | 2.5  | 0.8  | 0.1  | 0.0 | 0.0 | 52.5  | 50.4  |
| 0.0            | 0.0     | 0.3  | 1.2  | 1.4  | 1.2   | 1.6   | 2.0   | 2.0   | 2.3   | 2.8   | 2.7   | 2.1   | 1.9   | 1.3  | 0.3  | 0.0  | 0.0 | 0.0 | 23.2  | 7.7   |
| 0.0            | 0.0     | 0.1  | 0.3  | 0.6  | 0.6   | 0.8   | 0.9   | 0.9   | 1.0   | 1.2   | 1.2   | 1.1   | 0.8   | 0.4  | 0.1  | 0.0  | 0.0 | 0.0 | 10.2  | 0.0   |
| 0.0            | 0.0     | 0.0  | 0.1  | 0.1  | 0.1   | 0.2   | 0.4   | 0.5   | 0.5   | 0.5   | 0.5   | 0.3   | 0.2   | 0.1  | 0.0  | 0.0  | 0.0 | 0.0 | 4.0   | 0.0   |
| 0.0            | 0.0     | 0.0  | 0.0  | 0.1  | 0.1   | 0.2   | 0.4   | 0.4   | 0.4   | 0.4   | 0.4   | 0.3   | 0.2   | 0.1  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0   | 0.0   |
| 0.0            | 0.0     | 0.0  | 0.1  | 0.2  | 0.4   | 0.6   | 0.8   | 0.9   | 1.0   | 1.0   | 0.9   | 0.7   | 0.5   | 0.3  | 0.1  | 0.0  | 0.0 | 0.0 | 7.6   | 0.0   |
| 0.0            | 0.0     | 0.1  | 0.2  | 0.4  | 0.6   | 0.8   | 0.9   | 1.0   | 1.0   | 0.9   | 0.7   | 0.5   | 0.3   | 0.1  | 0.0  | 0.0  | 0.0 | 0.0 | 1.9   | 0.0   |
| 0.0            | 0.0     | 0.0  | 0.1  | 0.1  | 0.1   | 0.2   | 0.2   | 0.3   | 0.3   | 0.2   | 0.2   | 0.1   | 0.1   | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0   | 0.0   |
| 0.0            | 0.1     | 3.2  | 27.5 | 58.9 | 90.4  | 121.8 | 149.8 | 167.9 | 179.4 | 182.7 | 176.2 | 160.5 | 132.9 | 99.1 | 60.6 | 24.6 | 2.5 | 0.1 | 1638  |       |
| 0.0            | 0.0     | 1.2  | 25.2 | 56.3 | 86.5  | 116.9 | 144.6 | 162.4 | 173.2 | 176.7 | 171.1 | 155.9 | 128.6 | 95.6 | 57.9 | 22.1 | 0.6 | 0.0 | 1575  |       |

Horizontal plane

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## The Average Illuminance Effective Figure



## UGR Table

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

Calculate in accordance with CIE Pub.117. The table is revised with 1659lm ( $8\log(F/F_0) = 1.8$ ).

## Zonal Lumen

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0      | 688.0                     | 0.7                | 0.7                    | 0.04                  | 0.04                      |
| 1.0-2.0      | 687.7                     | 2.0                | 2.6                    | 0.12                  | 0.16                      |
| 2.0-3.0      | 687.5                     | 3.3                | 5.9                    | 0.20                  | 0.36                      |
| 3.0-4.0      | 687.4                     | 4.6                | 10.5                   | 0.28                  | 0.63                      |
| 4.0-5.0      | 686.9                     | 5.9                | 16.4                   | 0.36                  | 0.99                      |
| 5.0-6.0      | 686.0                     | 7.2                | 23.6                   | 0.43                  | 1.43                      |
| 6.0-7.0      | 685.4                     | 8.5                | 32.2                   | 0.51                  | 1.94                      |
| 7.0-8.0      | 684.4                     | 9.8                | 41.9                   | 0.59                  | 2.53                      |
| 8.0-9.0      | 682.9                     | 11.1               | 53.0                   | 0.67                  | 3.20                      |
| 9.0-10.0     | 681.5                     | 12.3               | 65.4                   | 0.74                  | 3.94                      |
| 10.0-11.0    | 679.9                     | 13.6               | 78.9                   | 0.82                  | 4.76                      |
| 11.0-12.0    | 677.5                     | 14.8               | 93.8                   | 0.89                  | 5.65                      |
| 12.0-13.0    | 674.9                     | 16.0               | 109.8                  | 0.97                  | 6.62                      |
| 13.0-14.0    | 672.3                     | 17.2               | 127.0                  | 1.04                  | 7.66                      |
| 14.0-15.0    | 669.4                     | 18.4               | 145.4                  | 1.11                  | 8.76                      |
| 15.0-16.0    | 665.8                     | 19.5               | 164.9                  | 1.18                  | 9.94                      |
| 16.0-17.0    | 661.9                     | 20.6               | 185.5                  | 1.24                  | 11.18                     |
| 17.0-18.0    | 658.4                     | 21.7               | 207.2                  | 1.31                  | 12.49                     |
| 18.0-19.0    | 654.2                     | 22.8               | 230.0                  | 1.37                  | 13.87                     |
| 19.0-20.0    | 649.5                     | 23.8               | 253.7                  | 1.43                  | 15.30                     |
| 20.0-21.0    | 645.2                     | 24.8               | 278.5                  | 1.49                  | 16.79                     |
| 21.0-22.0    | 640.5                     | 25.7               | 304.3                  | 1.55                  | 18.35                     |
| 22.0-23.0    | 635.5                     | 26.7               | 330.9                  | 1.61                  | 19.95                     |
| 23.0-24.0    | 630.0                     | 27.5               | 358.5                  | 1.66                  | 21.61                     |
| 24.0-25.0    | 624.6                     | 28.4               | 386.9                  | 1.71                  | 23.33                     |
| 25.0-26.0    | 619.0                     | 29.2               | 416.1                  | 1.76                  | 25.09                     |
| 26.0-27.0    | 612.6                     | 30.0               | 446.1                  | 1.81                  | 26.90                     |
| 27.0-28.0    | 606.1                     | 30.7               | 476.8                  | 1.85                  | 28.75                     |
| 28.0-29.0    | 599.5                     | 31.4               | 508.1                  | 1.89                  | 30.64                     |
| 29.0-30.0    | 592.4                     | 32.0               | 540.1                  | 1.93                  | 32.57                     |
| 30.0-31.0    | 585.0                     | 32.6               | 572.7                  | 1.96                  | 34.53                     |
| 31.0-32.0    | 577.2                     | 33.1               | 605.7                  | 1.99                  | 36.52                     |
| 32.0-33.0    | 568.3                     | 33.5               | 639.2                  | 2.02                  | 38.54                     |
| 33.0-34.0    | 558.6                     | 33.8               | 673.0                  | 2.04                  | 40.58                     |
| 34.0-35.0    | 548.2                     | 34.0               | 707.1                  | 2.05                  | 42.63                     |
| 35.0-36.0    | 537.5                     | 34.2               | 741.3                  | 2.06                  | 44.70                     |

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 9.903 m [K=1.2999]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 1)

| Gamma<br>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0    | 526.2         | 34.3               | 775.6                  | 2.07                  | 46.77                     |
| 37.0-38.0    | 514.6         | 34.4               | 810.0                  | 2.07                  | 48.84                     |
| 38.0-39.0    | 503.6         | 34.4               | 844.4                  | 2.07                  | 50.91                     |
| 39.0-40.0    | 492.2         | 34.3               | 878.7                  | 2.07                  | 52.98                     |
| 40.0-41.0    | 480.4         | 34.2               | 912.9                  | 2.06                  | 55.04                     |
| 41.0-42.0    | 468.9         | 34.1               | 947.0                  | 2.05                  | 57.10                     |
| 42.0-43.0    | 457.4         | 33.9               | 980.9                  | 2.04                  | 59.14                     |
| 43.0-44.0    | 445.6         | 33.6               | 1014.5                 | 2.03                  | 61.17                     |
| 44.0-45.0    | 433.5         | 33.3               | 1047.8                 | 2.01                  | 63.18                     |
| 45.0-46.0    | 421.4         | 33.0               | 1080.8                 | 1.99                  | 65.17                     |
| 46.0-47.0    | 409.4         | 32.6               | 1113.4                 | 1.96                  | 67.13                     |
| 47.0-48.0    | 396.6         | 32.1               | 1145.4                 | 1.93                  | 69.06                     |
| 48.0-49.0    | 383.4         | 31.5               | 1176.9                 | 1.90                  | 70.96                     |
| 49.0-50.0    | 370.7         | 30.9               | 1207.8                 | 1.86                  | 72.83                     |
| 50.0-51.0    | 356.9         | 30.2               | 1238.0                 | 1.82                  | 74.65                     |
| 51.0-52.0    | 342.5         | 29.4               | 1267.4                 | 1.77                  | 76.42                     |
| 52.0-53.0    | 327.9         | 28.5               | 1295.9                 | 1.72                  | 78.14                     |
| 53.0-54.0    | 311.1         | 27.4               | 1323.4                 | 1.65                  | 79.79                     |
| 54.0-55.0    | 292.4         | 26.1               | 1349.5                 | 1.57                  | 81.37                     |
| 55.0-56.0    | 273.3         | 24.7               | 1374.2                 | 1.49                  | 82.86                     |
| 56.0-57.0    | 256.8         | 23.5               | 1397.7                 | 1.42                  | 84.27                     |
| 57.0-58.0    | 242.4         | 22.4               | 1420.1                 | 1.35                  | 85.62                     |
| 58.0-59.0    | 228.0         | 21.3               | 1441.4                 | 1.29                  | 86.91                     |
| 59.0-60.0    | 214.1         | 20.2               | 1461.6                 | 1.22                  | 88.13                     |
| 60.0-61.0    | 200.7         | 19.2               | 1480.8                 | 1.16                  | 89.28                     |
| 61.0-62.0    | 186.9         | 18.0               | 1498.8                 | 1.09                  | 90.37                     |
| 62.0-63.0    | 173.5         | 16.9               | 1515.7                 | 1.02                  | 91.39                     |
| 63.0-64.0    | 160.2         | 15.7               | 1531.4                 | 0.95                  | 92.34                     |
| 64.0-65.0    | 147.2         | 14.6               | 1546.0                 | 0.88                  | 93.21                     |
| 65.0-66.0    | 133.9         | 13.4               | 1559.3                 | 0.81                  | 94.02                     |
| 66.0-67.0    | 118.4         | 11.9               | 1571.2                 | 0.72                  | 94.74                     |
| 67.0-68.0    | 104.8         | 10.6               | 1581.9                 | 0.64                  | 95.38                     |
| 68.0-69.0    | 94.0          | 9.6                | 1591.5                 | 0.58                  | 95.96                     |
| 69.0-70.0    | 82.7          | 8.5                | 1599.9                 | 0.51                  | 96.47                     |
| 70.0-71.0    | 70.8          | 7.3                | 1607.3                 | 0.44                  | 96.91                     |
| 71.0-72.0    | 58.4          | 6.1                | 1613.3                 | 0.37                  | 97.28                     |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Zonal Lumen (Continue 2)

| Gamma<br>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0    | 46.3          | 4.8                | 1618.2                 | 0.29                  | 97.57                     |
| 73.0-74.0    | 36.2          | 3.8                | 1622.0                 | 0.23                  | 97.80                     |
| 74.0-75.0    | 28.7          | 3.0                | 1625.0                 | 0.18                  | 97.98                     |
| 75.0-76.0    | 23.3          | 2.5                | 1627.5                 | 0.15                  | 98.13                     |
| 76.0-77.0    | 19.3          | 2.1                | 1629.6                 | 0.12                  | 98.25                     |
| 77.0-78.0    | 16.2          | 1.7                | 1631.3                 | 0.10                  | 98.36                     |
| 78.0-79.0    | 13.8          | 1.5                | 1632.8                 | 0.09                  | 98.45                     |
| 79.0-80.0    | 11.6          | 1.3                | 1634.0                 | 0.08                  | 98.52                     |
| 80.0-81.0    | 9.7           | 1.1                | 1635.1                 | 0.06                  | 98.59                     |
| 81.0-82.0    | 8.1           | 0.9                | 1636.0                 | 0.05                  | 98.64                     |
| 82.0-83.0    | 6.7           | 0.7                | 1636.7                 | 0.04                  | 98.68                     |
| 83.0-84.0    | 5.3           | 0.6                | 1637.3                 | 0.03                  | 98.72                     |
| 84.0-85.0    | 4.0           | 0.4                | 1637.7                 | 0.03                  | 98.74                     |
| 85.0-86.0    | 2.9           | 0.3                | 1638.0                 | 0.02                  | 98.76                     |
| 86.0-87.0    | 2.1           | 0.2                | 1638.2                 | 0.01                  | 98.78                     |
| 87.0-88.0    | 1.3           | 0.1                | 1638.4                 | 0.01                  | 98.79                     |
| 88.0-89.0    | 0.9           | 0.1                | 1638.5                 | 0.01                  | 98.79                     |
| 89.0-90.0    | 0.7           | 0.1                | 1638.5                 | 0.00                  | 98.80                     |
| 90.0-91.0    | 0.5           | 0.1                | 1638.6                 | 0.00                  | 98.80                     |
| 91.0-92.0    | 0.5           | 0.1                | 1638.7                 | 0.00                  | 98.80                     |
| 92.0-93.0    | 0.5           | 0.1                | 1638.7                 | 0.00                  | 98.81                     |
| 93.0-94.0    | 0.6           | 0.1                | 1638.8                 | 0.00                  | 98.81                     |
| 94.0-95.0    | 0.6           | 0.1                | 1638.8                 | 0.00                  | 98.81                     |
| 95.0-96.0    | 0.7           | 0.1                | 1638.9                 | 0.00                  | 98.82                     |
| 96.0-97.0    | 0.7           | 0.1                | 1639.0                 | 0.00                  | 98.82                     |
| 97.0-98.0    | 0.8           | 0.1                | 1639.1                 | 0.01                  | 98.83                     |
| 98.0-99.0    | 0.9           | 0.1                | 1639.2                 | 0.01                  | 98.83                     |
| 99.0-100.0   | 0.9           | 0.1                | 1639.3                 | 0.01                  | 98.84                     |
| 100.0-101.0  | 1.0           | 0.1                | 1639.4                 | 0.01                  | 98.85                     |
| 101.0-102.0  | 1.0           | 0.1                | 1639.5                 | 0.01                  | 98.85                     |
| 102.0-103.0  | 1.1           | 0.1                | 1639.6                 | 0.01                  | 98.86                     |
| 103.0-104.0  | 1.2           | 0.1                | 1639.7                 | 0.01                  | 98.87                     |
| 104.0-105.0  | 1.3           | 0.1                | 1639.9                 | 0.01                  | 98.88                     |
| 105.0-106.0  | 1.3           | 0.1                | 1640.0                 | 0.01                  | 98.88                     |
| 106.0-107.0  | 1.4           | 0.2                | 1640.2                 | 0.01                  | 98.89                     |
| 107.0-108.0  | 1.6           | 0.2                | 1640.3                 | 0.01                  | 98.90                     |

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 9.903 m [K=1.2999]  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 3)

| Gamma<br>[°] | Imean<br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0  | 1.7           | 0.2                | 1640.5                 | 0.01                  | 98.91                     |
| 109.0-110.0  | 1.7           | 0.2                | 1640.7                 | 0.01                  | 98.93                     |
| 110.0-111.0  | 1.8           | 0.2                | 1640.9                 | 0.01                  | 98.94                     |
| 111.0-112.0  | 2.0           | 0.2                | 1641.1                 | 0.01                  | 98.95                     |
| 112.0-113.0  | 2.0           | 0.2                | 1641.3                 | 0.01                  | 98.96                     |
| 113.0-114.0  | 2.1           | 0.2                | 1641.5                 | 0.01                  | 98.97                     |
| 114.0-115.0  | 2.2           | 0.2                | 1641.7                 | 0.01                  | 98.99                     |
| 115.0-116.0  | 2.3           | 0.2                | 1642.0                 | 0.01                  | 99.00                     |
| 116.0-117.0  | 2.4           | 0.2                | 1642.2                 | 0.01                  | 99.02                     |
| 117.0-118.0  | 2.6           | 0.2                | 1642.4                 | 0.01                  | 99.03                     |
| 118.0-119.0  | 2.7           | 0.3                | 1642.7                 | 0.02                  | 99.05                     |
| 119.0-120.0  | 2.8           | 0.3                | 1643.0                 | 0.02                  | 99.06                     |
| 120.0-121.0  | 2.9           | 0.3                | 1643.2                 | 0.02                  | 99.08                     |
| 121.0-122.0  | 3.0           | 0.3                | 1643.5                 | 0.02                  | 99.10                     |
| 122.0-123.0  | 3.1           | 0.3                | 1643.8                 | 0.02                  | 99.11                     |
| 123.0-124.0  | 3.2           | 0.3                | 1644.1                 | 0.02                  | 99.13                     |
| 124.0-125.0  | 3.3           | 0.3                | 1644.4                 | 0.02                  | 99.15                     |
| 125.0-126.0  | 3.3           | 0.3                | 1644.7                 | 0.02                  | 99.17                     |
| 126.0-127.0  | 3.5           | 0.3                | 1645.0                 | 0.02                  | 99.18                     |
| 127.0-128.0  | 3.6           | 0.3                | 1645.3                 | 0.02                  | 99.20                     |
| 128.0-129.0  | 3.7           | 0.3                | 1645.6                 | 0.02                  | 99.22                     |
| 129.0-130.0  | 3.8           | 0.3                | 1645.9                 | 0.02                  | 99.24                     |
| 130.0-131.0  | 3.9           | 0.3                | 1646.3                 | 0.02                  | 99.26                     |
| 131.0-132.0  | 4.0           | 0.3                | 1646.6                 | 0.02                  | 99.28                     |
| 132.0-133.0  | 4.2           | 0.3                | 1646.9                 | 0.02                  | 99.30                     |
| 133.0-134.0  | 4.3           | 0.3                | 1647.3                 | 0.02                  | 99.32                     |
| 134.0-135.0  | 4.4           | 0.3                | 1647.6                 | 0.02                  | 99.34                     |
| 135.0-136.0  | 4.5           | 0.3                | 1648.0                 | 0.02                  | 99.36                     |
| 136.0-137.0  | 4.7           | 0.4                | 1648.3                 | 0.02                  | 99.39                     |
| 137.0-138.0  | 4.8           | 0.4                | 1648.7                 | 0.02                  | 99.41                     |
| 138.0-139.0  | 4.9           | 0.4                | 1649.0                 | 0.02                  | 99.43                     |
| 139.0-140.0  | 5.0           | 0.4                | 1649.4                 | 0.02                  | 99.45                     |
| 140.0-141.0  | 5.1           | 0.4                | 1649.7                 | 0.02                  | 99.47                     |
| 141.0-142.0  | 5.2           | 0.4                | 1650.1                 | 0.02                  | 99.49                     |
| 142.0-143.0  | 5.3           | 0.4                | 1650.5                 | 0.02                  | 99.51                     |
| 143.0-144.0  | 5.5           | 0.4                | 1650.8                 | 0.02                  | 99.54                     |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Zonal Lumen (Continue 4)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0  | 5.6                       | 0.4                | 1651.2                 | 0.02                  | 99.56                     |
| 145.0-146.0  | 5.7                       | 0.4                | 1651.5                 | 0.02                  | 99.58                     |
| 146.0-147.0  | 5.8                       | 0.3                | 1651.9                 | 0.02                  | 99.60                     |
| 147.0-148.0  | 5.8                       | 0.3                | 1652.2                 | 0.02                  | 99.62                     |
| 148.0-149.0  | 6.0                       | 0.3                | 1652.6                 | 0.02                  | 99.64                     |
| 149.0-150.0  | 6.1                       | 0.3                | 1652.9                 | 0.02                  | 99.66                     |
| 150.0-151.0  | 6.1                       | 0.3                | 1653.2                 | 0.02                  | 99.68                     |
| 151.0-152.0  | 6.2                       | 0.3                | 1653.5                 | 0.02                  | 99.70                     |
| 152.0-153.0  | 6.3                       | 0.3                | 1653.9                 | 0.02                  | 99.72                     |
| 153.0-154.0  | 6.4                       | 0.3                | 1654.2                 | 0.02                  | 99.74                     |
| 154.0-155.0  | 6.5                       | 0.3                | 1654.5                 | 0.02                  | 99.76                     |
| 155.0-156.0  | 6.5                       | 0.3                | 1654.8                 | 0.02                  | 99.77                     |
| 156.0-157.0  | 6.6                       | 0.3                | 1655.1                 | 0.02                  | 99.79                     |
| 157.0-158.0  | 6.7                       | 0.3                | 1655.4                 | 0.02                  | 99.81                     |
| 158.0-159.0  | 6.8                       | 0.3                | 1655.6                 | 0.02                  | 99.83                     |
| 159.0-160.0  | 6.8                       | 0.3                | 1655.9                 | 0.02                  | 99.84                     |
| 160.0-161.0  | 6.9                       | 0.3                | 1656.1                 | 0.02                  | 99.86                     |
| 161.0-162.0  | 6.9                       | 0.2                | 1656.4                 | 0.01                  | 99.87                     |
| 162.0-163.0  | 6.9                       | 0.2                | 1656.6                 | 0.01                  | 99.88                     |
| 163.0-164.0  | 6.9                       | 0.2                | 1656.8                 | 0.01                  | 99.90                     |
| 164.0-165.0  | 6.9                       | 0.2                | 1657.0                 | 0.01                  | 99.91                     |
| 165.0-166.0  | 6.9                       | 0.2                | 1657.2                 | 0.01                  | 99.92                     |
| 166.0-167.0  | 6.9                       | 0.2                | 1657.4                 | 0.01                  | 99.93                     |
| 167.0-168.0  | 6.9                       | 0.2                | 1657.5                 | 0.01                  | 99.94                     |
| 168.0-169.0  | 6.9                       | 0.2                | 1657.7                 | 0.01                  | 99.95                     |
| 169.0-170.0  | 7.0                       | 0.1                | 1657.8                 | 0.01                  | 99.96                     |
| 170.0-171.0  | 7.0                       | 0.1                | 1658.0                 | 0.01                  | 99.97                     |
| 171.0-172.0  | 7.0                       | 0.1                | 1658.1                 | 0.01                  | 99.97                     |
| 172.0-173.0  | 7.0                       | 0.1                | 1658.2                 | 0.01                  | 99.98                     |
| 173.0-174.0  | 7.0                       | 0.1                | 1658.3                 | 0.01                  | 99.99                     |
| 174.0-175.0  | 7.1                       | 0.1                | 1658.3                 | 0.00                  | 99.99                     |
| 175.0-176.0  | 7.2                       | 0.1                | 1658.4                 | 0.00                  | 99.99                     |
| 176.0-177.0  | 7.2                       | 0.0                | 1658.5                 | 0.00                  | 100.00                    |
| 177.0-178.0  | 7.3                       | 0.0                | 1658.5                 | 0.00                  | 100.00                    |
| 178.0-179.0  | 7.4                       | 0.0                | 1658.5                 | 0.00                  | 100.00                    |
| 179.0-180.0  | 7.5                       | 0.0                | 1658.5                 | 0.00                  | 100.00                    |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Zonal Lumen (Continue 5)

cone flux(90°): 1047.83 lm

%lum = 63.2%  
%lamp = 63.2%

cone flux(120°): 1461.63 lm

%lum = 88.1%  
%lamp = 88.1%

## Candlepower Table

Unit: cd

| G\C   | C0.0  | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |  |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G0.0  | 453.0 | 569.8 | 830.4 | 900.3  | 453.0  | 569.8  | 830.4  | 900.3  | 453.0  |  |
| G1.0  | 453.8 | 573.8 | 834.7 | 900.6  | 450.9  | 565.0  | 824.0  | 899.2  | 453.8  |  |
| G2.0  | 455.6 | 578.5 | 839.6 | 901.6  | 449.6  | 560.5  | 818.2  | 897.2  | 455.6  |  |
| G3.0  | 459.3 | 582.1 | 843.4 | 904.5  | 449.8  | 556.0  | 809.1  | 895.6  | 459.3  |  |
| G4.0  | 461.8 | 587.0 | 847.9 | 905.7  | 449.3  | 551.1  | 801.2  | 894.6  | 461.8  |  |
| G5.0  | 463.5 | 590.5 | 851.9 | 908.0  | 448.1  | 546.3  | 791.4  | 892.2  | 463.5  |  |
| G6.0  | 466.7 | 595.8 | 854.8 | 911.3  | 448.5  | 539.8  | 779.7  | 888.3  | 466.7  |  |
| G7.0  | 470.9 | 599.3 | 857.7 | 913.4  | 449.8  | 535.1  | 769.2  | 885.8  | 470.9  |  |
| G8.0  | 474.3 | 603.9 | 858.8 | 914.5  | 450.3  | 528.8  | 756.1  | 882.0  | 474.3  |  |
| G9.0  | 476.7 | 608.9 | 859.8 | 916.8  | 449.8  | 524.2  | 744.3  | 877.1  | 476.7  |  |
| G10.0 | 481.4 | 612.1 | 858.8 | 919.7  | 451.5  | 518.1  | 732.0  | 872.8  | 481.4  |  |
| G11.0 | 485.2 | 616.2 | 857.7 | 921.3  | 452.2  | 511.8  | 718.7  | 868.2  | 485.2  |  |
| G12.0 | 488.0 | 618.5 | 854.6 | 921.1  | 451.7  | 506.4  | 706.0  | 863.1  | 488.0  |  |
| G13.0 | 491.2 | 622.3 | 851.7 | 922.2  | 453.0  | 499.7  | 692.4  | 856.1  | 491.2  |  |
| G14.0 | 495.5 | 624.4 | 847.5 | 922.1  | 455.7  | 494.3  | 677.9  | 850.2  | 495.5  |  |
| G15.0 | 498.6 | 627.4 | 841.5 | 921.0  | 457.6  | 488.1  | 663.6  | 844.7  | 498.6  |  |
| G16.0 | 500.7 | 628.8 | 835.7 | 919.3  | 459.2  | 481.6  | 648.1  | 836.3  | 500.7  |  |
| G17.0 | 505.1 | 631.2 | 827.5 | 917.3  | 462.2  | 474.8  | 633.1  | 829.2  | 505.1  |  |
| G18.0 | 509.9 | 633.2 | 821.1 | 914.8  | 466.4  | 469.3  | 618.0  | 821.6  | 509.9  |  |
| G19.0 | 513.9 | 632.7 | 813.4 | 911.3  | 468.5  | 461.4  | 600.5  | 811.5  | 513.9  |  |
| G20.0 | 518.7 | 633.8 | 807.2 | 908.6  | 471.1  | 454.4  | 584.8  | 800.8  | 518.7  |  |
| G21.0 | 525.0 | 633.9 | 799.1 | 906.6  | 474.3  | 447.5  | 567.2  | 789.8  | 525.0  |  |
| G22.0 | 530.2 | 635.5 | 790.7 | 902.5  | 475.5  | 440.0  | 551.2  | 779.5  | 530.2  |  |
| G23.0 | 533.7 | 636.0 | 782.3 | 900.4  | 475.1  | 433.7  | 534.0  | 767.8  | 533.7  |  |
| G24.0 | 538.0 | 638.1 | 772.0 | 899.7  | 475.1  | 425.4  | 515.5  | 753.2  | 538.0  |  |
| G25.0 | 542.3 | 640.0 | 760.1 | 898.4  | 477.0  | 418.5  | 498.3  | 741.7  | 542.3  |  |
| G26.0 | 542.7 | 643.1 | 747.7 | 895.9  | 478.5  | 410.1  | 480.4  | 729.0  | 542.7  |  |
| G27.0 | 541.3 | 647.0 | 733.8 | 894.3  | 479.5  | 402.0  | 462.4  | 713.4  | 541.3  |  |
| G28.0 | 542.0 | 649.6 | 718.9 | 892.8  | 482.8  | 393.4  | 444.6  | 699.7  | 542.0  |  |
| G29.0 | 543.1 | 653.3 | 705.1 | 889.3  | 484.8  | 383.3  | 425.2  | 684.3  | 543.1  |  |
| G30.0 | 543.0 | 655.7 | 689.3 | 884.5  | 485.4  | 374.3  | 407.9  | 669.1  | 543.0  |  |
| G31.0 | 543.9 | 658.8 | 673.6 | 881.1  | 487.0  | 363.4  | 390.1  | 652.4  | 543.9  |  |
| G32.0 | 546.1 | 659.4 | 656.3 | 875.8  | 489.5  | 351.4  | 371.4  | 635.1  | 546.1  |  |
| G33.0 | 546.8 | 658.8 | 633.2 | 867.7  | 490.3  | 340.0  | 353.2  | 618.2  | 546.8  |  |
| G34.0 | 546.3 | 654.8 | 610.0 | 862.3  | 489.8  | 330.1  | 336.8  | 599.1  | 546.3  |  |
| G35.0 | 547.7 | 651.1 | 582.5 | 857.4  | 490.3  | 318.2  | 317.7  | 576.6  | 547.7  |  |
| G36.0 | 547.7 | 647.7 | 554.8 | 851.7  | 491.3  | 308.0  | 300.6  | 557.0  | 547.7  |  |

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 9.903 m [K=1.2999]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

| G\C   | C0.0  | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |  |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G37.0 | 546.6 | 641.7 | 525.7 | 844.6  | 490.1  | 295.1  | 282.8  | 534.5  | 546.6  |  |
| G38.0 | 546.1 | 637.8 | 495.2 | 838.2  | 489.8  | 284.0  | 266.9  | 514.6  | 546.1  |  |
| G39.0 | 547.1 | 633.5 | 465.3 | 831.1  | 490.5  | 272.9  | 250.2  | 494.5  | 547.1  |  |
| G40.0 | 546.3 | 630.0 | 433.5 | 821.2  | 490.2  | 260.1  | 233.4  | 474.5  | 546.3  |  |
| G41.0 | 544.3 | 625.6 | 405.4 | 811.3  | 488.4  | 249.1  | 217.7  | 454.8  | 544.3  |  |
| G42.0 | 543.2 | 621.6 | 377.1 | 802.2  | 487.8  | 237.5  | 202.9  | 433.8  | 543.2  |  |
| G43.0 | 543.2 | 616.7 | 349.2 | 789.6  | 488.2  | 225.5  | 186.9  | 412.8  | 543.2  |  |
| G44.0 | 540.8 | 611.0 | 323.4 | 775.7  | 487.5  | 213.3  | 173.0  | 392.2  | 540.8  |  |
| G45.0 | 538.8 | 605.1 | 299.2 | 759.7  | 485.6  | 201.1  | 158.8  | 370.1  | 538.8  |  |
| G46.0 | 537.8 | 596.8 | 275.9 | 741.5  | 485.8  | 189.3  | 145.6  | 350.5  | 537.8  |  |
| G47.0 | 535.1 | 589.3 | 256.2 | 720.4  | 484.8  | 178.2  | 133.8  | 330.1  | 535.1  |  |
| G48.0 | 530.7 | 579.2 | 236.2 | 694.5  | 482.5  | 166.1  | 120.9  | 307.7  | 530.7  |  |
| G49.0 | 527.1 | 567.8 | 218.5 | 668.2  | 481.2  | 155.0  | 110.4  | 288.1  | 527.1  |  |
| G50.0 | 523.6 | 554.2 | 202.9 | 639.8  | 481.0  | 144.1  | 99.8   | 268.9  | 523.6  |  |
| G51.0 | 517.8 | 538.2 | 186.2 | 604.3  | 478.9  | 132.8  | 89.7   | 248.0  | 517.8  |  |
| G52.0 | 508.3 | 522.7 | 171.1 | 572.0  | 476.0  | 122.9  | 82.1   | 229.8  | 508.3  |  |
| G53.0 | 494.1 | 503.9 | 156.4 | 537.3  | 473.5  | 112.2  | 74.2   | 210.0  | 494.1  |  |
| G54.0 | 466.6 | 482.9 | 141.7 | 498.4  | 462.7  | 103.2  | 67.7   | 193.6  | 466.6  |  |
| G55.0 | 441.7 | 459.9 | 128.6 | 459.8  | 439.5  | 94.2   | 60.5   | 177.4  | 441.7  |  |
| G56.0 | 423.9 | 434.9 | 116.7 | 418.1  | 418.9  | 85.2   | 54.5   | 159.7  | 423.9  |  |
| G57.0 | 416.0 | 408.8 | 105.5 | 381.8  | 412.8  | 77.6   | 48.3   | 145.5  | 416.0  |  |
| G58.0 | 406.2 | 382.7 | 95.1  | 346.2  | 407.9  | 69.8   | 44.0   | 130.5  | 406.2  |  |
| G59.0 | 394.4 | 353.6 | 85.8  | 307.5  | 401.8  | 63.5   | 40.9   | 118.5  | 394.4  |  |
| G60.0 | 382.6 | 326.7 | 78.0  | 274.0  | 395.9  | 57.8   | 38.0   | 106.5  | 382.6  |  |
| G61.0 | 370.6 | 298.2 | 70.0  | 243.8  | 388.3  | 50.9   | 35.6   | 95.0   | 370.6  |  |
| G62.0 | 355.8 | 266.1 | 62.8  | 210.2  | 380.6  | 44.9   | 33.5   | 84.8   | 355.8  |  |
| G63.0 | 341.5 | 233.5 | 60.4  | 182.8  | 370.5  | 41.2   | 31.9   | 76.2   | 341.5  |  |
| G64.0 | 325.6 | 191.4 | 56.5  | 154.8  | 359.8  | 37.9   | 30.3   | 69.4   | 325.6  |  |
| G65.0 | 306.7 | 168.7 | 54.2  | 123.5  | 347.1  | 35.0   | 29.3   | 64.4   | 306.7  |  |
| G66.0 | 273.5 | 146.0 | 52.0  | 103.8  | 318.1  | 32.5   | 28.0   | 60.5   | 273.5  |  |
| G67.0 | 233.5 | 120.7 | 49.6  | 87.7   | 274.1  | 30.2   | 26.9   | 57.8   | 233.5  |  |
| G68.0 | 211.4 | 100.7 | 47.5  | 76.2   | 249.9  | 28.8   | 25.5   | 55.9   | 211.4  |  |
| G69.0 | 185.0 | 83.3  | 45.0  | 66.0   | 224.6  | 27.0   | 24.0   | 53.3   | 185.0  |  |
| G70.0 | 151.1 | 67.9  | 42.9  | 58.1   | 196.1  | 25.8   | 22.5   | 50.0   | 151.1  |  |
| G71.0 | 116.8 | 55.4  | 40.9  | 51.7   | 161.1  | 24.4   | 21.1   | 46.4   | 116.8  |  |
| G72.0 | 85.0  | 44.5  | 38.7  | 46.3   | 119.4  | 22.8   | 19.8   | 40.6   | 85.0   |  |
| G73.0 | 59.5  | 36.1  | 36.7  | 42.2   | 75.8   | 21.1   | 18.5   | 34.2   | 59.5   |  |

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600L  
 Distance: 9.903 m [K=1.2999]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

| G\C    | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |  |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G74.0  | 38.1 | 30.1  | 34.8  | 38.0   | 49.7   | 18.9   | 17.0   | 28.7   | 38.1   |  |
| G75.0  | 25.5 | 25.0  | 32.8  | 33.4   | 32.7   | 15.8   | 15.6   | 23.5   | 25.5   |  |
| G76.0  | 17.8 | 21.6  | 31.1  | 29.6   | 22.6   | 12.6   | 14.3   | 19.0   | 17.8   |  |
| G77.0  | 13.4 | 18.4  | 29.2  | 25.6   | 16.7   | 9.6    | 12.9   | 14.6   | 13.4   |  |
| G78.0  | 10.5 | 15.4  | 26.8  | 21.7   | 13.7   | 7.6    | 11.5   | 11.6   | 10.5   |  |
| G79.0  | 8.8  | 13.1  | 24.6  | 18.8   | 10.7   | 5.8    | 9.9    | 9.5    | 8.8    |  |
| G80.0  | 6.9  | 11.2  | 22.4  | 15.8   | 8.2    | 4.4    | 8.2    | 7.7    | 6.9    |  |
| G81.0  | 5.4  | 9.2   | 20.1  | 13.2   | 5.9    | 3.8    | 6.7    | 6.4    | 5.4    |  |
| G82.0  | 4.5  | 7.9   | 17.5  | 11.4   | 4.4    | 3.1    | 5.0    | 5.3    | 4.5    |  |
| G83.0  | 3.5  | 6.6   | 14.3  | 9.5    | 3.2    | 2.6    | 3.5    | 4.4    | 3.5    |  |
| G84.0  | 2.5  | 5.6   | 10.8  | 7.8    | 2.3    | 2.0    | 2.2    | 3.4    | 2.5    |  |
| G85.0  | 2.1  | 4.2   | 7.5   | 6.1    | 1.9    | 1.5    | 0.9    | 2.6    | 2.1    |  |
| G86.0  | 1.7  | 3.0   | 5.1   | 4.4    | 1.5    | 1.2    | 0.6    | 2.0    | 1.7    |  |
| G87.0  | 1.4  | 2.2   | 3.2   | 2.8    | 1.1    | 0.9    | 0.4    | 1.4    | 1.4    |  |
| G88.0  | 1.0  | 1.5   | 1.2   | 2.1    | 0.8    | 0.6    | 0.2    | 0.8    | 1.0    |  |
| G89.0  | 0.6  | 1.1   | 0.8   | 1.5    | 0.5    | 0.5    | 0.2    | 0.7    | 0.6    |  |
| G90.0  | 0.7  | 0.7   | 0.5   | 0.9    | 0.5    | 0.6    | 0.3    | 0.7    | 0.7    |  |
| G91.0  | 0.8  | 0.3   | 0.3   | 0.4    | 0.7    | 0.6    | 0.1    | 0.7    | 0.8    |  |
| G92.0  | 0.8  | 0.3   | 0.3   | 0.6    | 0.6    | 0.2    | 0.3    | 0.9    | 0.8    |  |
| G93.0  | 0.9  | 0.0   | 0.3   | 0.5    | 0.7    | 0.6    | 0.3    | 0.9    | 0.9    |  |
| G94.0  | 1.0  | 0.4   | 0.2   | 0.5    | 0.8    | 0.7    | 0.3    | 1.0    | 1.0    |  |
| G95.0  | 1.1  | 0.4   | 0.3   | 0.6    | 0.8    | 0.7    | 0.3    | 1.0    | 1.1    |  |
| G96.0  | 1.1  | 0.3   | 0.3   | 0.6    | 0.8    | 0.8    | 0.4    | 1.2    | 1.1    |  |
| G97.0  | 1.2  | 0.5   | 0.3   | 0.6    | 1.0    | 0.9    | 0.4    | 1.3    | 1.2    |  |
| G98.0  | 1.2  | 0.5   | 0.3   | 0.7    | 1.2    | 0.9    | 0.4    | 1.4    | 1.2    |  |
| G99.0  | 1.3  | 0.6   | 0.5   | 0.7    | 1.1    | 1.1    | 0.5    | 1.5    | 1.3    |  |
| G100.0 | 1.3  | 0.6   | 0.5   | 0.8    | 1.3    | 1.0    | 0.5    | 1.5    | 1.3    |  |
| G101.0 | 1.5  | 0.6   | 0.5   | 0.9    | 1.3    | 1.1    | 0.6    | 1.7    | 1.5    |  |
| G102.0 | 1.5  | 0.6   | 0.5   | 0.9    | 1.4    | 1.2    | 0.6    | 1.9    | 1.5    |  |
| G103.0 | 1.6  | 0.7   | 0.6   | 0.9    | 1.5    | 1.2    | 0.6    | 1.9    | 1.6    |  |
| G104.0 | 1.8  | 0.7   | 0.6   | 1.0    | 1.6    | 1.4    | 0.7    | 2.0    | 1.8    |  |
| G105.0 | 2.0  | 0.8   | 0.3   | 1.2    | 1.6    | 1.4    | 0.8    | 2.2    | 2.0    |  |
| G106.0 | 2.1  | 0.8   | 0.6   | 1.1    | 1.7    | 1.6    | 0.8    | 2.4    | 2.1    |  |
| G107.0 | 2.3  | 0.8   | 0.7   | 1.4    | 1.8    | 1.5    | 0.9    | 2.6    | 2.3    |  |
| G108.0 | 2.5  | 1.0   | 0.8   | 1.4    | 1.9    | 1.7    | 0.8    | 2.7    | 2.5    |  |
| G109.0 | 2.7  | 1.1   | 0.8   | 1.5    | 2.1    | 1.8    | 0.9    | 2.9    | 2.7    |  |
| G110.0 | 2.8  | 1.1   | 0.8   | 1.6    | 2.0    | 1.9    | 1.1    | 3.0    | 2.8    |  |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Candlepower Table (Continue 3)

Unit: cd

| G\C    | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |  |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G111.0 | 2.9  | 1.2   | 0.9   | 1.7    | 2.3    | 2.0    | 1.1    | 3.2    | 2.9    |  |
| G112.0 | 3.0  | 1.2   | 1.0   | 1.8    | 2.3    | 2.1    | 1.2    | 3.3    | 3.0    |  |
| G113.0 | 3.1  | 1.4   | 0.9   | 2.0    | 2.4    | 2.2    | 1.4    | 3.5    | 3.1    |  |
| G114.0 | 3.2  | 1.5   | 0.9   | 2.1    | 2.5    | 2.3    | 1.4    | 3.7    | 3.2    |  |
| G115.0 | 3.2  | 1.4   | 1.1   | 2.2    | 2.7    | 2.5    | 1.5    | 3.9    | 3.2    |  |
| G116.0 | 3.3  | 1.5   | 1.1   | 2.3    | 2.8    | 2.5    | 1.6    | 4.0    | 3.3    |  |
| G117.0 | 3.4  | 1.7   | 1.2   | 2.3    | 2.8    | 2.5    | 1.7    | 4.3    | 3.4    |  |
| G118.0 | 3.3  | 1.8   | 1.4   | 2.5    | 3.0    | 2.7    | 1.8    | 4.4    | 3.3    |  |
| G119.0 | 3.4  | 1.9   | 1.4   | 2.6    | 3.2    | 2.8    | 2.0    | 4.5    | 3.4    |  |
| G120.0 | 3.5  | 1.9   | 1.5   | 2.9    | 3.2    | 3.0    | 2.0    | 4.7    | 3.5    |  |
| G121.0 | 3.4  | 2.0   | 1.5   | 2.9    | 3.3    | 3.0    | 2.1    | 4.8    | 3.4    |  |
| G122.0 | 3.7  | 2.0   | 1.8   | 3.0    | 3.4    | 3.0    | 2.2    | 5.0    | 3.7    |  |
| G123.0 | 3.6  | 2.2   | 1.8   | 3.2    | 3.4    | 3.1    | 2.3    | 5.2    | 3.6    |  |
| G124.0 | 3.6  | 2.3   | 2.0   | 3.3    | 3.5    | 3.1    | 2.6    | 5.2    | 3.6    |  |
| G125.0 | 3.7  | 2.4   | 2.0   | 3.6    | 3.5    | 3.3    | 2.7    | 5.3    | 3.7    |  |
| G126.0 | 3.8  | 2.4   | 2.1   | 3.6    | 3.6    | 3.4    | 2.9    | 5.4    | 3.8    |  |
| G127.0 | 3.7  | 2.6   | 2.2   | 4.0    | 3.6    | 3.5    | 3.0    | 5.7    | 3.7    |  |
| G128.0 | 4.0  | 2.8   | 2.4   | 4.1    | 3.8    | 3.5    | 3.3    | 5.7    | 4.0    |  |
| G129.0 | 3.8  | 2.8   | 2.6   | 4.3    | 3.8    | 3.6    | 3.3    | 5.9    | 3.8    |  |
| G130.0 | 4.0  | 2.9   | 2.6   | 4.5    | 3.8    | 3.6    | 3.5    | 6.0    | 4.0    |  |
| G131.0 | 4.0  | 3.0   | 2.7   | 4.6    | 4.0    | 3.7    | 3.7    | 6.3    | 4.0    |  |
| G132.0 | 3.9  | 3.1   | 2.9   | 4.8    | 4.0    | 3.9    | 3.9    | 6.4    | 3.9    |  |
| G133.0 | 4.1  | 3.2   | 3.1   | 4.9    | 4.2    | 4.0    | 4.0    | 6.5    | 4.1    |  |
| G134.0 | 4.1  | 3.3   | 3.2   | 5.1    | 4.1    | 4.0    | 4.3    | 6.7    | 4.1    |  |
| G135.0 | 4.2  | 3.4   | 3.4   | 5.3    | 4.3    | 4.2    | 4.5    | 6.9    | 4.2    |  |
| G136.0 | 4.3  | 3.5   | 3.6   | 5.4    | 4.3    | 4.2    | 4.6    | 7.0    | 4.3    |  |
| G137.0 | 4.2  | 3.6   | 3.7   | 5.6    | 4.3    | 4.3    | 4.7    | 7.2    | 4.2    |  |
| G138.0 | 4.3  | 3.7   | 4.0   | 5.7    | 4.2    | 4.3    | 5.1    | 7.4    | 4.3    |  |
| G139.0 | 4.3  | 3.8   | 4.1   | 5.8    | 4.3    | 4.4    | 5.3    | 7.5    | 4.3    |  |
| G140.0 | 4.4  | 3.9   | 4.3   | 6.0    | 4.3    | 4.5    | 5.5    | 7.8    | 4.4    |  |
| G141.0 | 4.4  | 4.0   | 4.4   | 6.1    | 4.3    | 4.5    | 5.6    | 7.9    | 4.4    |  |
| G142.0 | 4.4  | 4.1   | 4.7   | 6.4    | 4.2    | 4.6    | 5.8    | 8.0    | 4.4    |  |
| G143.0 | 4.5  | 4.2   | 4.9   | 6.5    | 4.4    | 4.7    | 5.9    | 8.1    | 4.5    |  |
| G144.0 | 4.5  | 4.3   | 5.1   | 6.6    | 4.4    | 4.8    | 6.1    | 8.4    | 4.5    |  |
| G145.0 | 4.5  | 4.4   | 5.3   | 6.8    | 4.4    | 4.8    | 6.3    | 8.6    | 4.5    |  |
| G146.0 | 4.5  | 4.6   | 5.5   | 7.0    | 4.3    | 4.8    | 6.5    | 8.7    | 4.5    |  |
| G147.0 | 4.5  | 4.6   | 5.6   | 7.1    | 4.4    | 4.9    | 6.6    | 8.6    | 4.5    |  |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector:

## Candlepower Table (Continue 4)

Unit: cd

| G\C    | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |  |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G148.0 | 4.4  | 4.7   | 5.9   | 7.2    | 4.5    | 4.9    | 6.7    | 8.9    | 4.4    |  |
| G149.0 | 4.6  | 4.7   | 6.1   | 7.4    | 4.4    | 5.1    | 6.8    | 9.0    | 4.6    |  |
| G150.0 | 4.6  | 4.8   | 6.3   | 7.6    | 4.3    | 5.1    | 6.9    | 9.1    | 4.6    |  |
| G151.0 | 4.7  | 5.1   | 6.4   | 7.7    | 4.3    | 5.0    | 7.1    | 9.1    | 4.7    |  |
| G152.0 | 4.6  | 5.1   | 6.6   | 7.7    | 4.4    | 5.1    | 7.1    | 9.2    | 4.6    |  |
| G153.0 | 4.6  | 5.2   | 6.9   | 7.8    | 4.5    | 5.1    | 7.3    | 9.3    | 4.6    |  |
| G154.0 | 4.7  | 5.3   | 7.1   | 8.1    | 4.5    | 5.2    | 7.3    | 9.5    | 4.7    |  |
| G155.0 | 4.6  | 5.4   | 7.2   | 8.1    | 4.4    | 5.2    | 7.4    | 9.6    | 4.6    |  |
| G156.0 | 4.6  | 5.4   | 7.4   | 8.2    | 4.4    | 5.2    | 7.5    | 9.7    | 4.6    |  |
| G157.0 | 4.5  | 5.6   | 7.7   | 8.3    | 4.5    | 5.3    | 7.6    | 9.8    | 4.5    |  |
| G158.0 | 4.6  | 5.7   | 7.8   | 8.5    | 4.5    | 5.2    | 7.7    | 9.8    | 4.6    |  |
| G159.0 | 4.6  | 5.8   | 7.9   | 8.5    | 4.7    | 5.3    | 7.8    | 9.9    | 4.6    |  |
| G160.0 | 4.6  | 5.8   | 8.3   | 8.5    | 4.6    | 5.2    | 7.9    | 9.9    | 4.6    |  |
| G161.0 | 4.6  | 5.9   | 8.4   | 8.6    | 4.4    | 5.3    | 7.8    | 9.9    | 4.6    |  |
| G162.0 | 4.6  | 6.1   | 8.6   | 8.8    | 4.3    | 5.2    | 7.7    | 9.9    | 4.6    |  |
| G163.0 | 4.6  | 6.0   | 8.7   | 8.8    | 4.2    | 5.3    | 7.5    | 9.9    | 4.6    |  |
| G164.0 | 4.6  | 6.3   | 8.8   | 9.0    | 4.0    | 5.2    | 7.4    | 9.8    | 4.6    |  |
| G165.0 | 4.7  | 6.3   | 9.1   | 9.0    | 4.0    | 5.1    | 7.4    | 9.7    | 4.7    |  |
| G166.0 | 4.6  | 6.4   | 9.3   | 9.1    | 3.8    | 5.0    | 7.2    | 9.5    | 4.6    |  |
| G167.0 | 4.6  | 6.5   | 9.5   | 9.1    | 3.8    | 4.9    | 7.1    | 9.3    | 4.6    |  |
| G168.0 | 4.7  | 6.6   | 9.6   | 9.3    | 3.9    | 5.0    | 7.1    | 9.2    | 4.7    |  |
| G169.0 | 4.6  | 6.6   | 9.8   | 9.4    | 3.9    | 5.1    | 7.2    | 9.3    | 4.6    |  |
| G170.0 | 4.7  | 6.7   | 9.9   | 9.5    | 4.0    | 5.0    | 7.1    | 9.1    | 4.7    |  |
| G171.0 | 4.8  | 6.9   | 10.1  | 9.6    | 3.8    | 4.7    | 7.0    | 8.9    | 4.8    |  |
| G172.0 | 4.8  | 6.9   | 10.1  | 9.7    | 3.8    | 4.8    | 6.9    | 8.8    | 4.8    |  |
| G173.0 | 4.7  | 6.9   | 10.4  | 9.7    | 3.9    | 4.6    | 6.8    | 8.8    | 4.7    |  |
| G174.0 | 4.8  | 7.1   | 10.6  | 9.8    | 3.9    | 4.6    | 7.0    | 8.8    | 4.8    |  |
| G175.0 | 4.8  | 7.1   | 10.6  | 9.9    | 4.0    | 4.5    | 7.1    | 8.9    | 4.8    |  |
| G176.0 | 4.8  | 7.2   | 10.7  | 10.1   | 4.0    | 4.6    | 7.3    | 9.0    | 4.8    |  |
| G177.0 | 4.8  | 7.2   | 10.8  | 10.0   | 4.2    | 4.4    | 7.5    | 9.1    | 4.8    |  |
| G178.0 | 4.9  | 7.3   | 10.9  | 10.1   | 4.3    | 4.5    | 7.7    | 9.2    | 4.9    |  |
| G179.0 | 4.8  | 7.5   | 10.9  | 10.2   | 4.4    | 4.5    | 8.0    | 9.5    | 4.8    |  |
| G180.0 | 4.8  | 7.3   | 10.7  | 9.9    | 4.7    | 4.8    | 8.4    | 10.0   | 4.8    |  |
|        |      |       |       |        |        |        |        |        |        |  |
|        |      |       |       |        |        |        |        |        |        |  |
|        |      |       |       |        |        |        |        |        |        |  |
|        |      |       |       |        |        |        |        |        |        |  |

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600L  
Distance: 9.903 m [K=1.2999]  
Humidity:  
Inspector: