

Report No.:

Test Time: 2023/4/26 14:30

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.320 A
Power Factor: 0.777

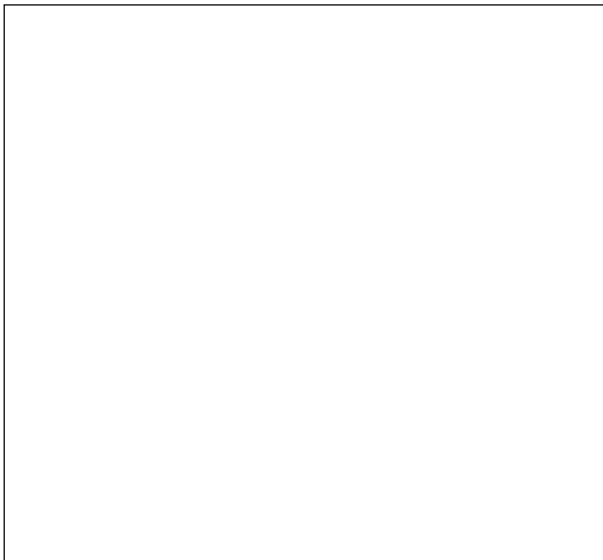
Luminaire Description: 489100 MIRAGE-V2
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 12.3 V
Power: 3.05 W

Photometric Results

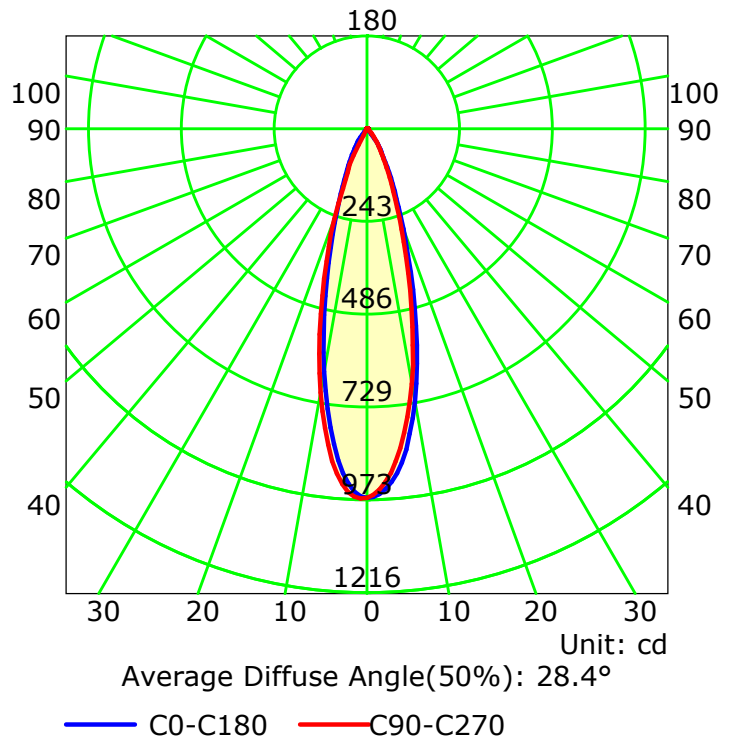
CIE Class: Direct
Measurement Flux: 290.1 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(25%,50%,75%,100%): H40.9,H28.4,H18.3,H0
Vertical Diffuse Angle(25%,50%,75%,100%): V40.5,V28.4,V18.4,V1
Luminaire Efficacy Rating (LER): 95.17
Max. Intensity: 969.06 cd
S/MH(C0/C180): 0.47

Total Rated Lamp Lumens: 290.1 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 967.92 cd
Pos of Max. Intensity: H270 V1
S/MH(C90/C270): 0.47

Picture Of Luminaire



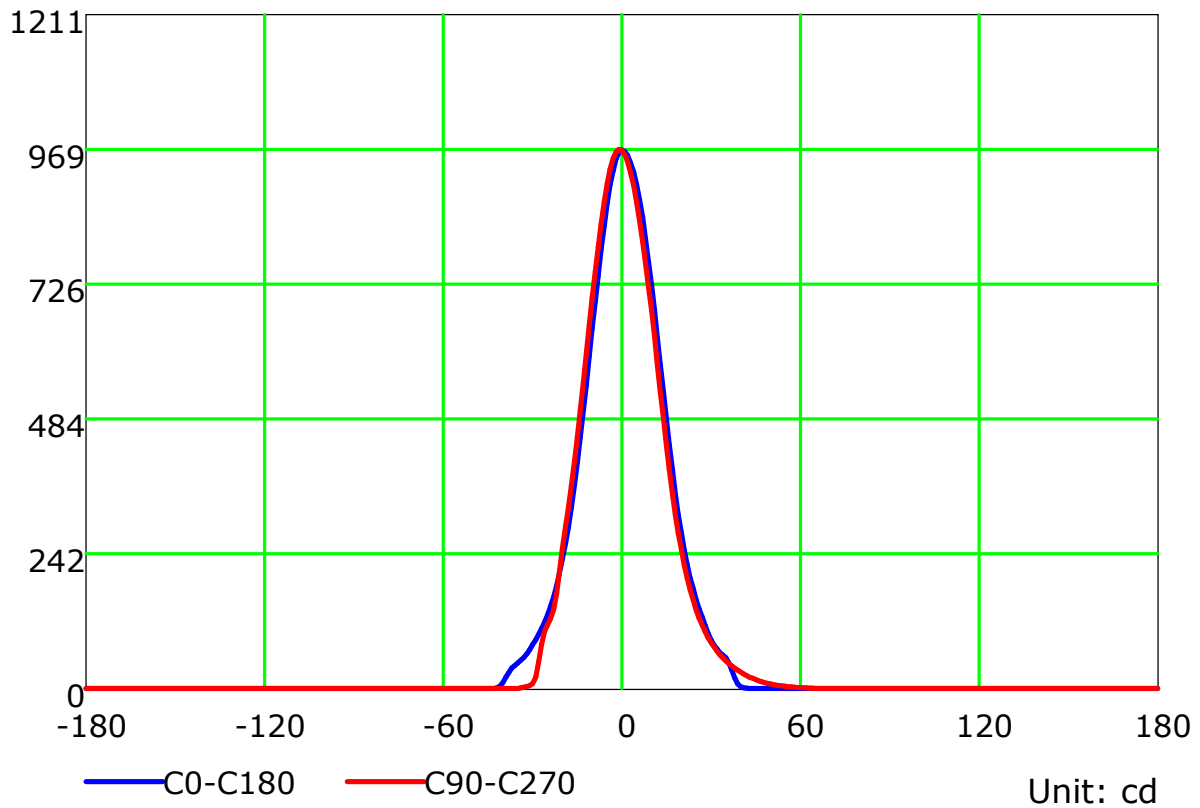
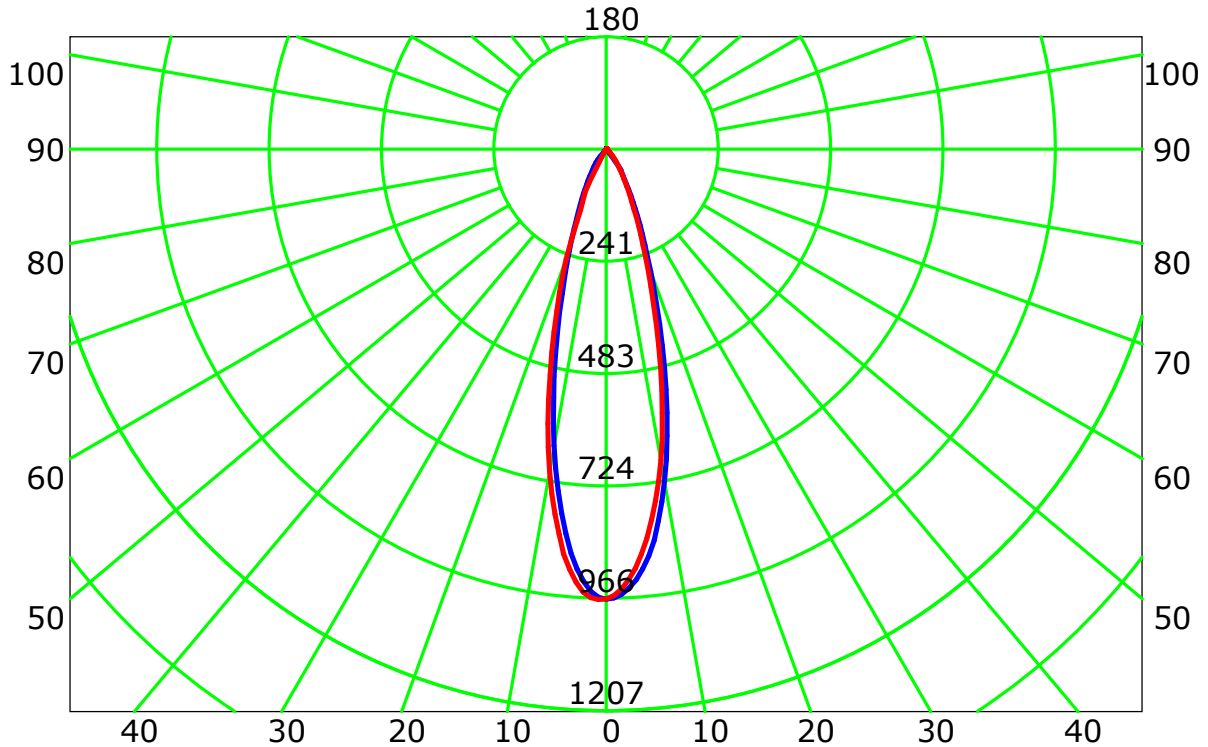
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 11.655 m [K=1.0000]
Humidity:
Inspector:

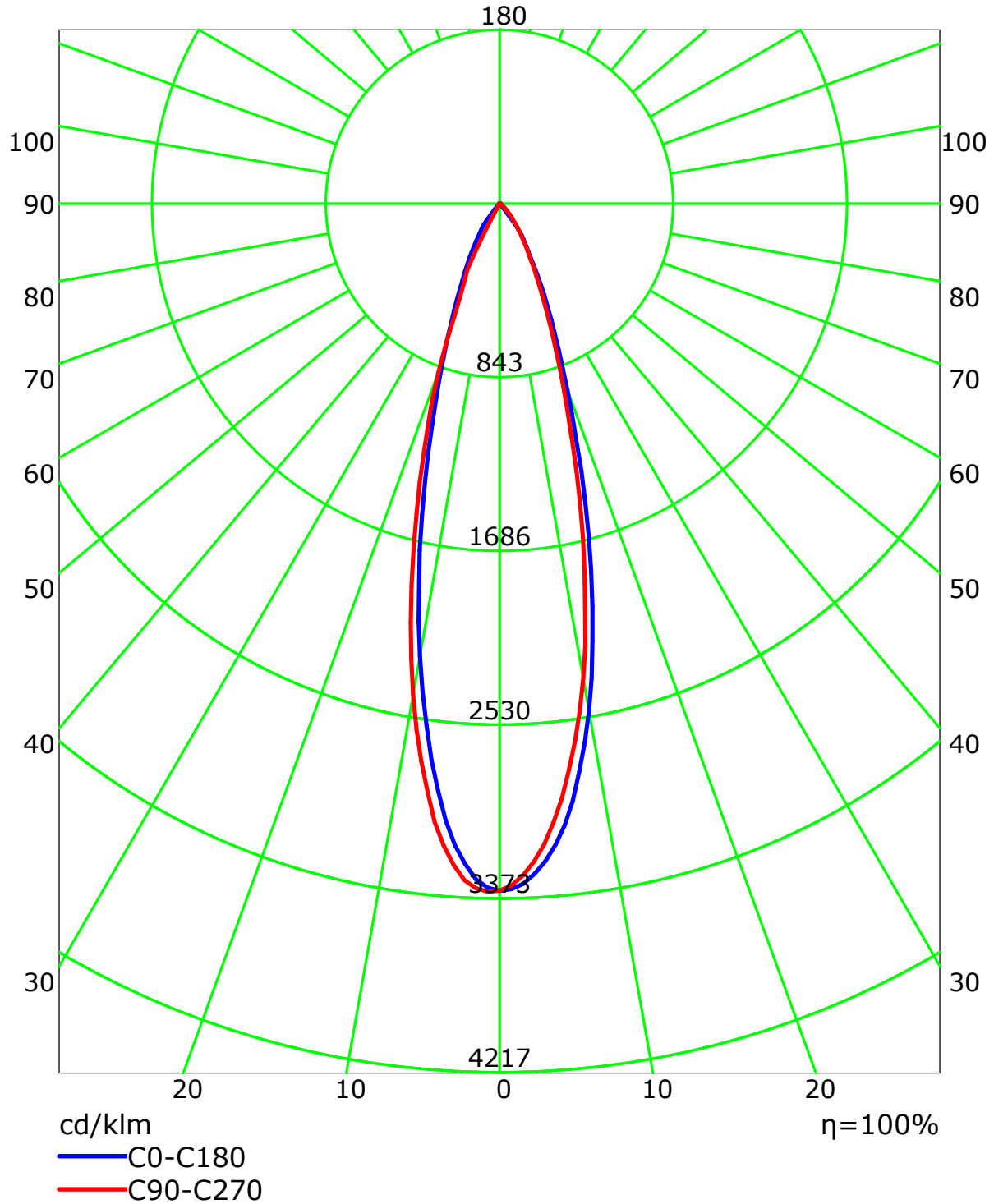
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



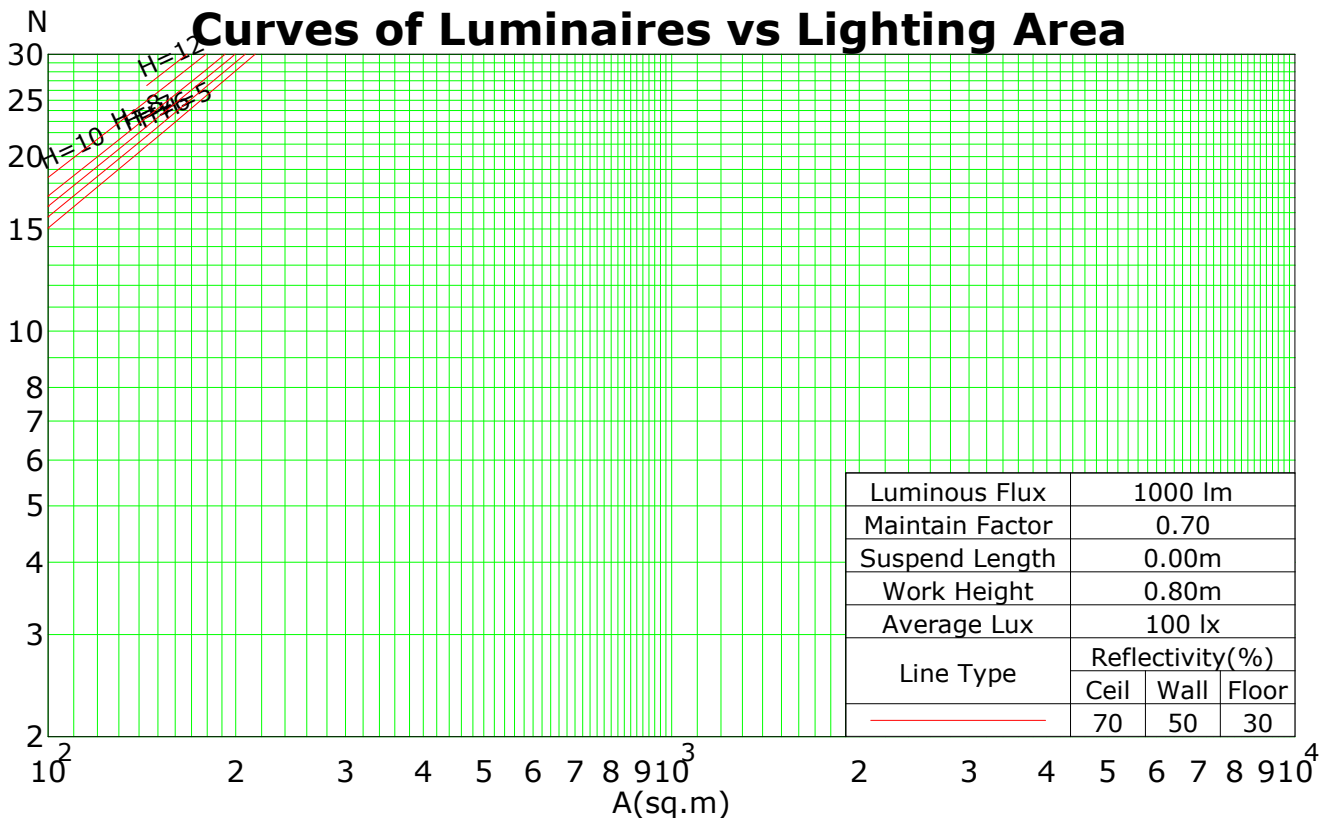
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 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 | 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 | 1.15 | 1.12 | 1.10 | 1.08 | 1.12 | 1.10 | 1.08 | 1.07 | 1.06 | 1.05 | 1.04 | 1.03 | 1.01 | 1.00 | 0.99 | 0.98 | 0.98 | 0.96 |
| 2 | 1.10 | 1.07 | 1.03 | 1.01 | 1.08 | 1.05 | 1.02 | 0.99 | 1.02 | 0.99 | 0.97 | 0.99 | 0.97 | 0.95 | 0.96 | 0.95 | 0.93 | 0.92 |
| 3 | 1.06 | 1.01 | 0.97 | 0.94 | 1.05 | 1.00 | 0.96 | 0.94 | 0.97 | 0.95 | 0.92 | 0.95 | 0.93 | 0.91 | 0.93 | 0.91 | 0.89 | 0.88 |
| 4 | 1.03 | 0.97 | 0.92 | 0.89 | 1.01 | 0.96 | 0.92 | 0.89 | 0.94 | 0.90 | 0.88 | 0.92 | 0.89 | 0.87 | 0.90 | 0.88 | 0.86 | 0.84 |
| 5 | 0.99 | 0.93 | 0.88 | 0.85 | 0.98 | 0.92 | 0.87 | 0.84 | 0.90 | 0.86 | 0.84 | 0.88 | 0.85 | 0.83 | 0.87 | 0.84 | 0.82 | 0.81 |
| 6 | 0.96 | 0.89 | 0.84 | 0.81 | 0.94 | 0.88 | 0.84 | 0.81 | 0.87 | 0.83 | 0.80 | 0.85 | 0.82 | 0.79 | 0.84 | 0.81 | 0.79 | 0.78 |
| 7 | 0.92 | 0.85 | 0.81 | 0.77 | 0.91 | 0.85 | 0.80 | 0.77 | 0.84 | 0.80 | 0.77 | 0.82 | 0.79 | 0.76 | 0.81 | 0.78 | 0.76 | 0.75 |
| 8 | 0.89 | 0.82 | 0.77 | 0.74 | 0.88 | 0.82 | 0.77 | 0.74 | 0.81 | 0.77 | 0.74 | 0.80 | 0.76 | 0.74 | 0.79 | 0.76 | 0.73 | 0.72 |
| 9 | 0.87 | 0.79 | 0.75 | 0.72 | 0.86 | 0.79 | 0.74 | 0.71 | 0.78 | 0.74 | 0.71 | 0.77 | 0.74 | 0.71 | 0.76 | 0.73 | 0.71 | 0.70 |
| 10 | 0.84 | 0.76 | 0.72 | 0.69 | 0.83 | 0.76 | 0.72 | 0.69 | 0.75 | 0.71 | 0.69 | 0.75 | 0.71 | 0.69 | 0.74 | 0.71 | 0.68 | 0.67 |

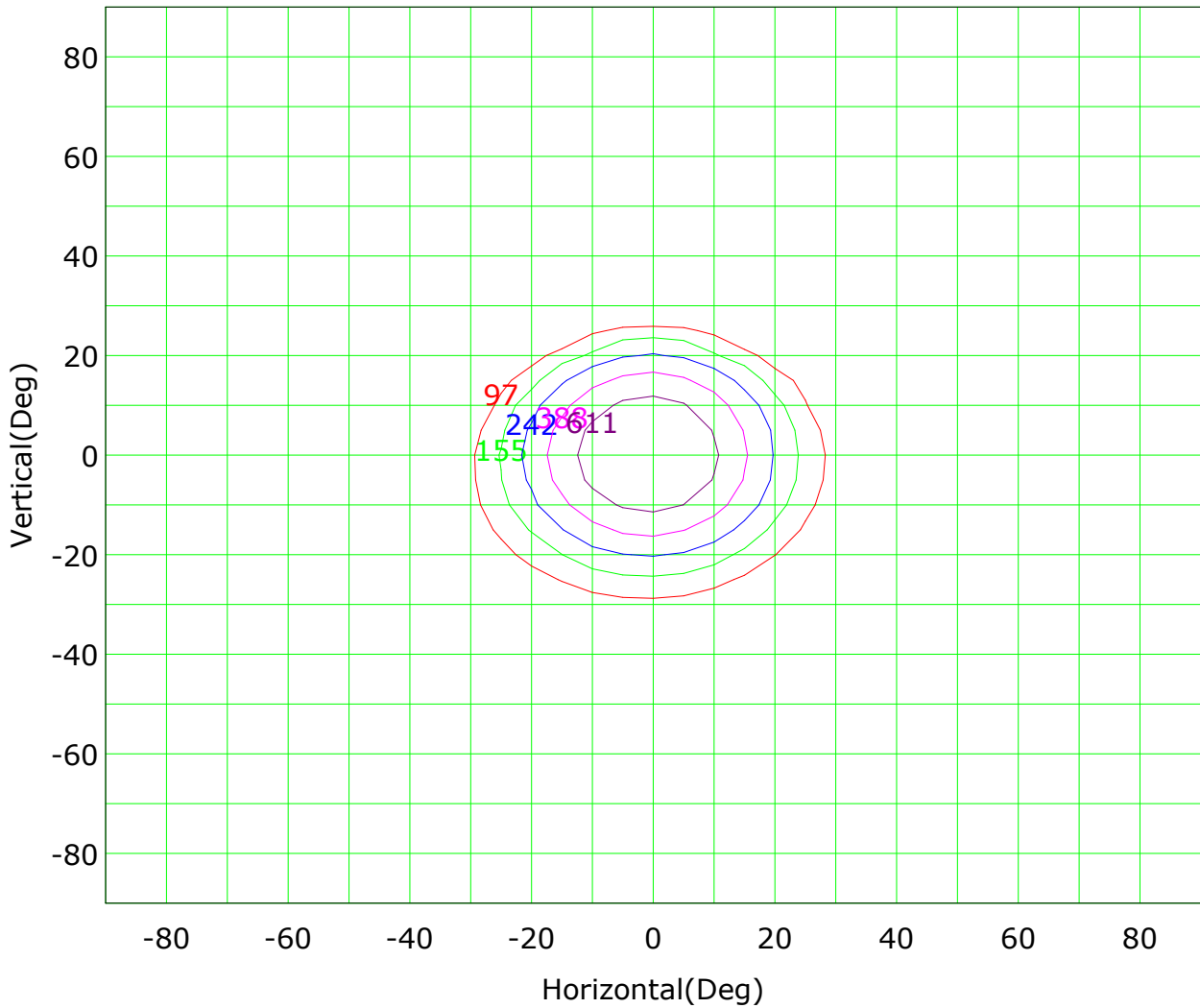
Spacing Criteria (0-180): 0.47
 Spacing Criteria (90-270): 0.47
 Spacing Criteria (Diagonal): 0.49



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



Imax (100%): 969 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 97 cd | — (16%): | 155 cd |
| — (25%): | 242 cd | — (40%): | 388 cd |
| — (63%): | 611 cd | — (100%): | 969 cd |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

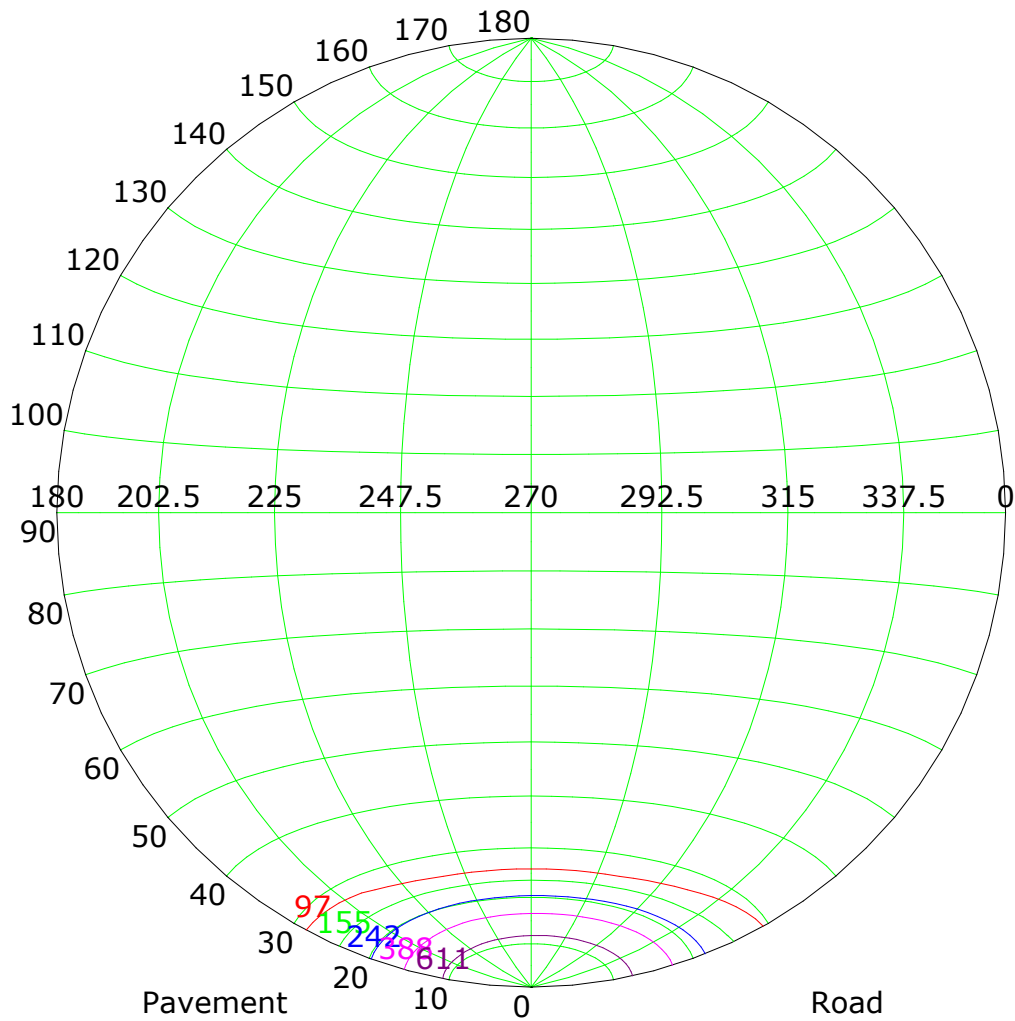
Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 969 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 97 cd | — (16%): | 155 cd |
| — (25%): | 242 cd | — (40%): | 388 cd |
| — (63%): | 611 cd | — (100%): | 969 cd |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

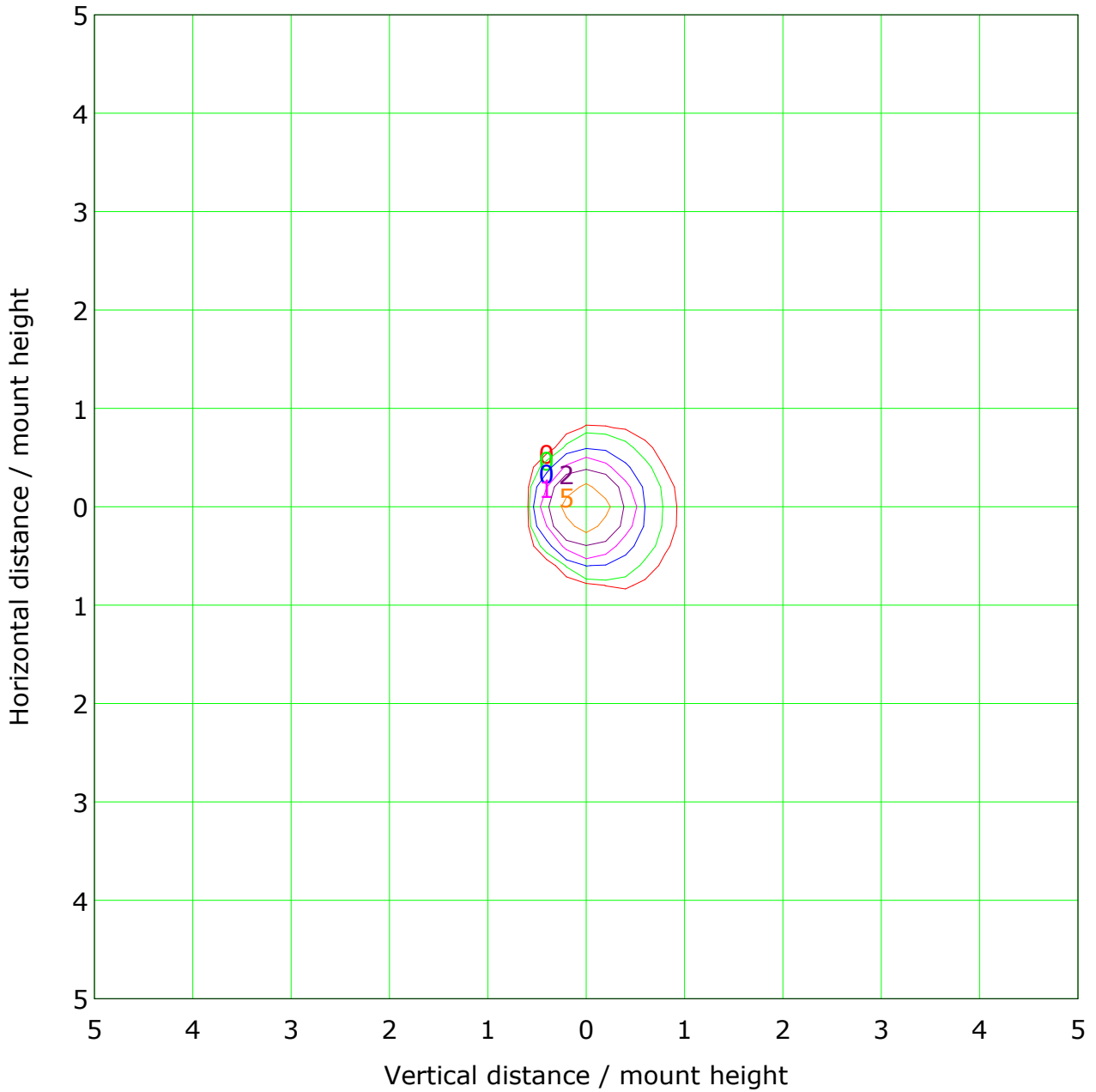
Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



| | | | |
|---|--|-----------------------|--|
| Mounting Height: 10.0m | | Max Lux(100%): 9.7 lx | |
| <ul style="list-style-type: none"> — (1%): 0.1 lx — (5%): 0.5 lx — (20%): 1.9 lx — (100%): 9.7 lx | <ul style="list-style-type: none"> — (2%): 0.2 lx — (10%): 1.0 lx — (50%): 4.8 lx | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

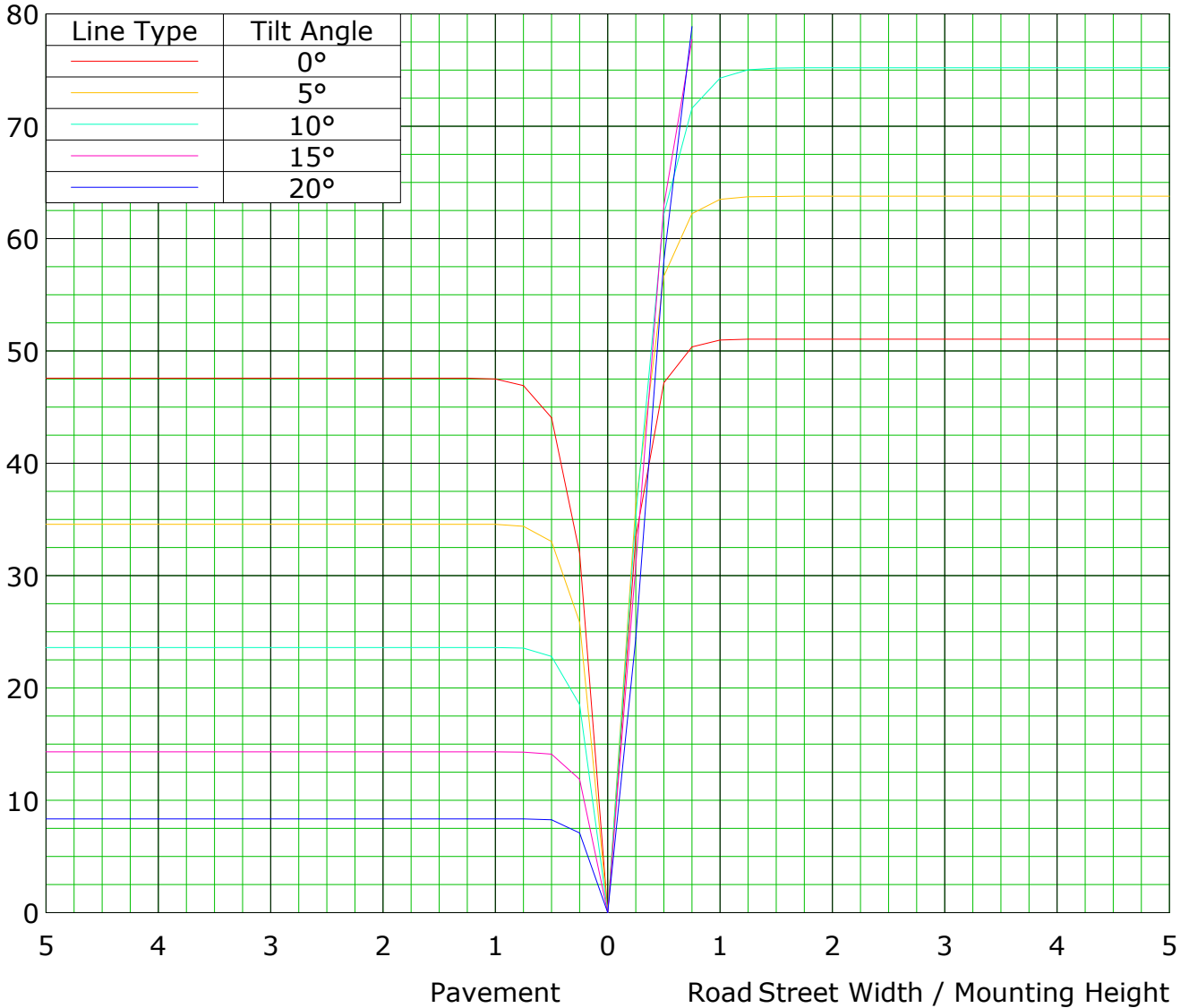
Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

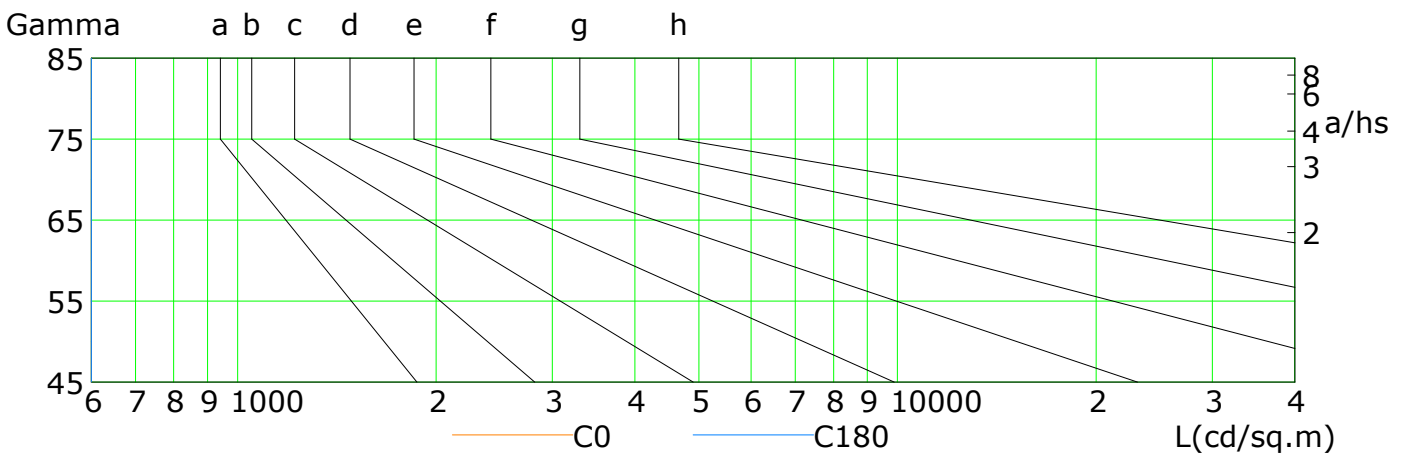
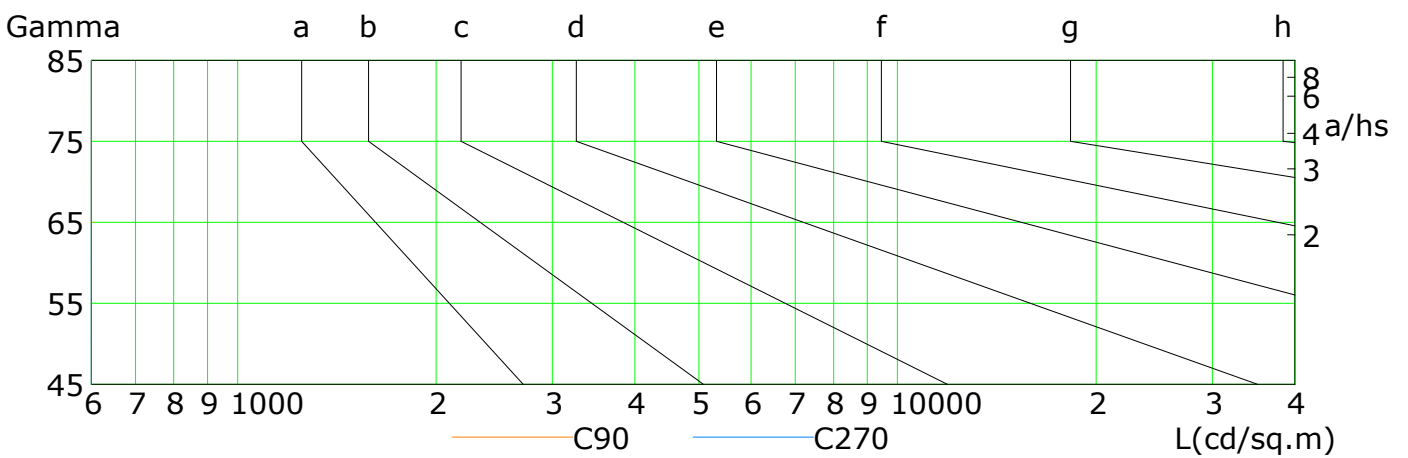
Humidity:

Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| | | 2000 | 1000 | 500 | <=300 | | | | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 16 | 8 | 4 | 2 | 0 | 0 | 0 | 0 | 0 |
| C180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

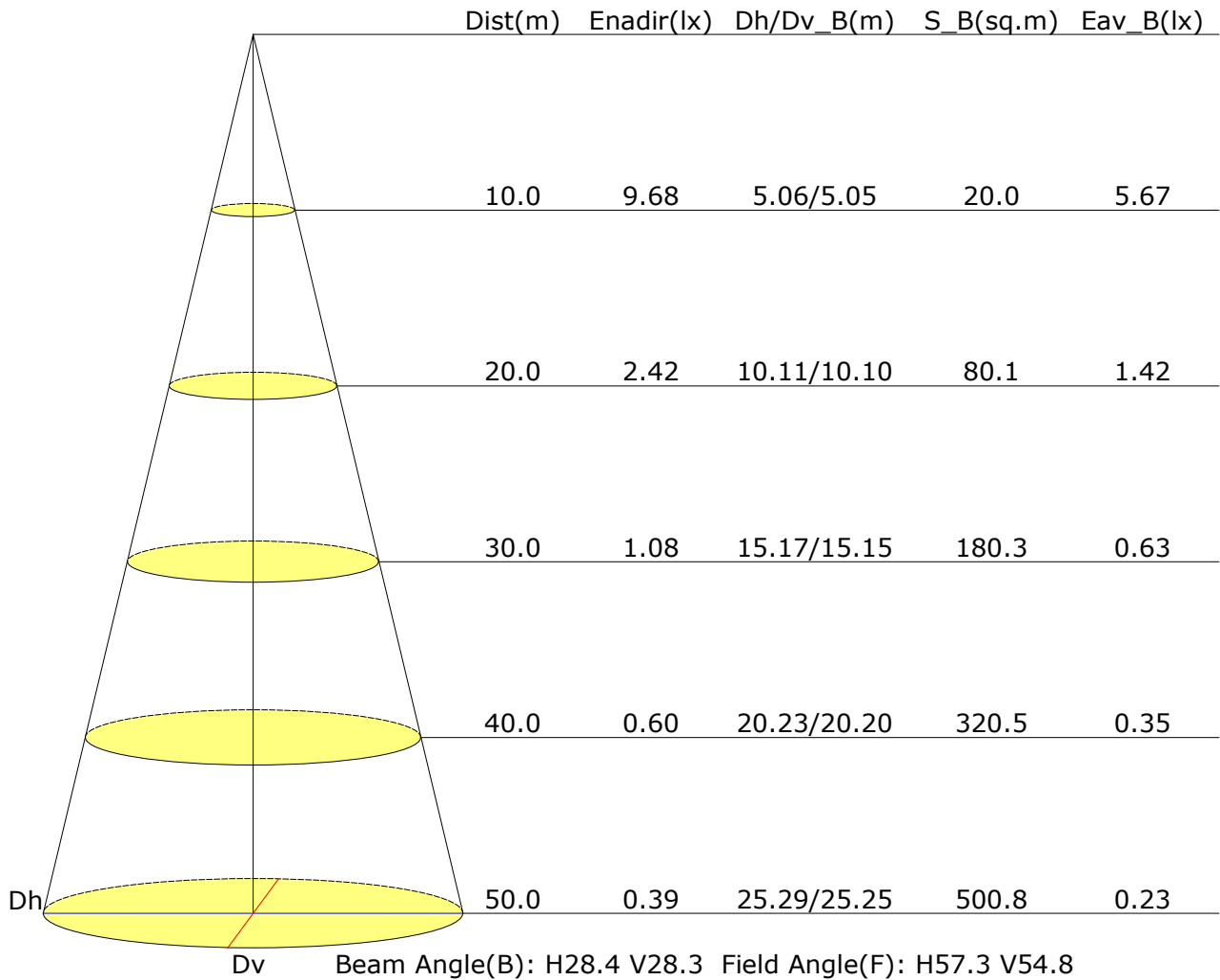
Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

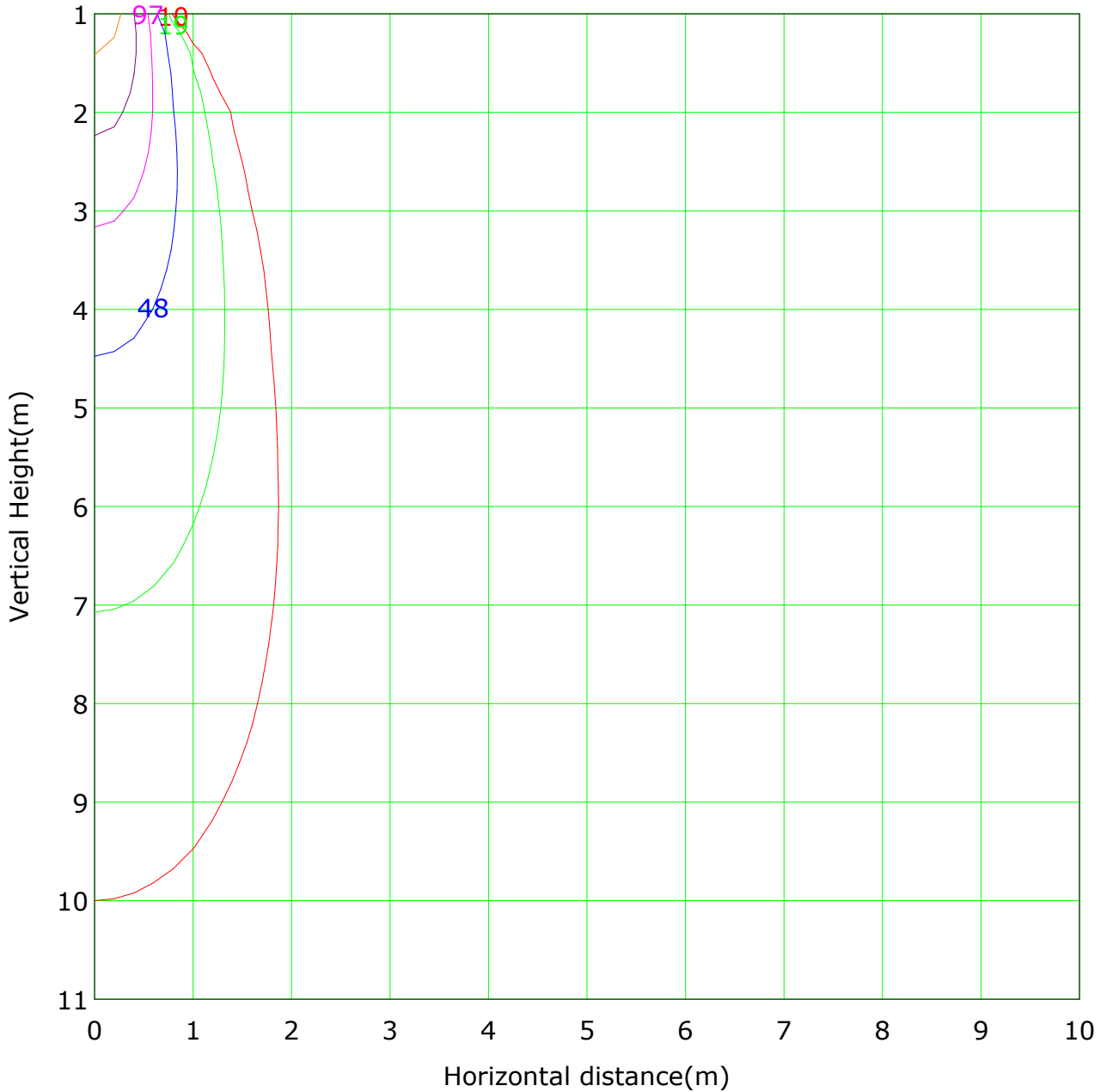
Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 967.9 lx

| | |
|--------------------|--------------------|
| — (1%): 9.7 lx | — (2%): 19.4 lx |
| — (5%): 48.4 lx | — (10%): 96.8 lx |
| — (20%): 193.6 lx | — (50%): 484.0 lx |
| — (100%): 967.9 lx | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Area Flux Table

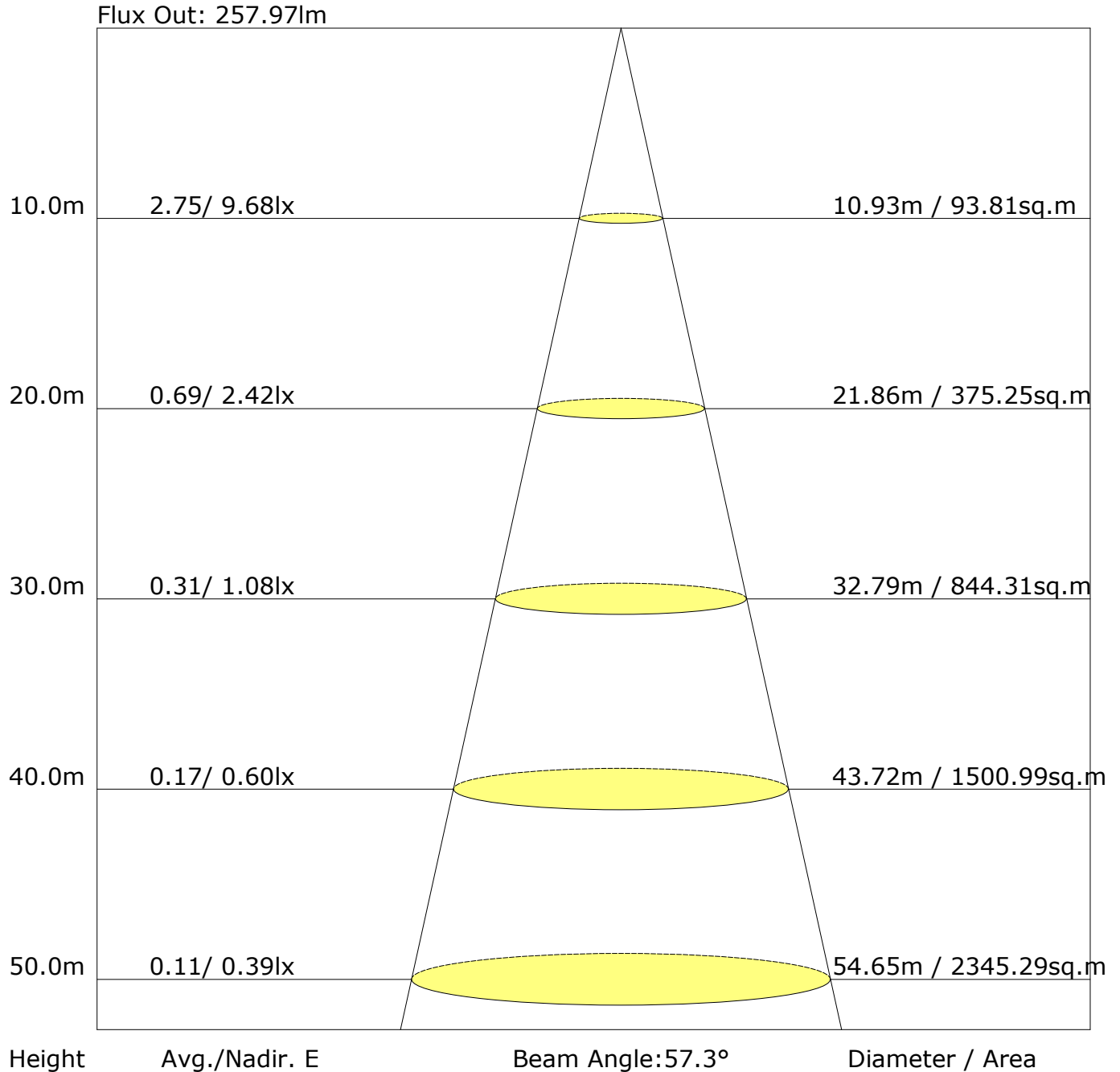
Unit: lm

| | | Vertical plane | | | | | | | | | | | | | | | | | | | | | |
|------------------|---------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|-----|
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) | |
| Horizontal plane | -90 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -80 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -70 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -60 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -50 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -40 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -30 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -20 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | -10 | 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 | 0.0 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 10 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 20 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 30 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 40 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 50 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 60 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 70 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| | 80 | 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 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90 | 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 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | 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 | 0.0 | 290 | | |
| | Flux(E) | 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 | 0.0 | | 255 | |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 11.655 m [K=1.0000]
Humidity:
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

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.\$ | |

Calculate in accordance with CIE 190:2010 The table is revised with 290lm ($8\log(F/F_0) = -4.3$).

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



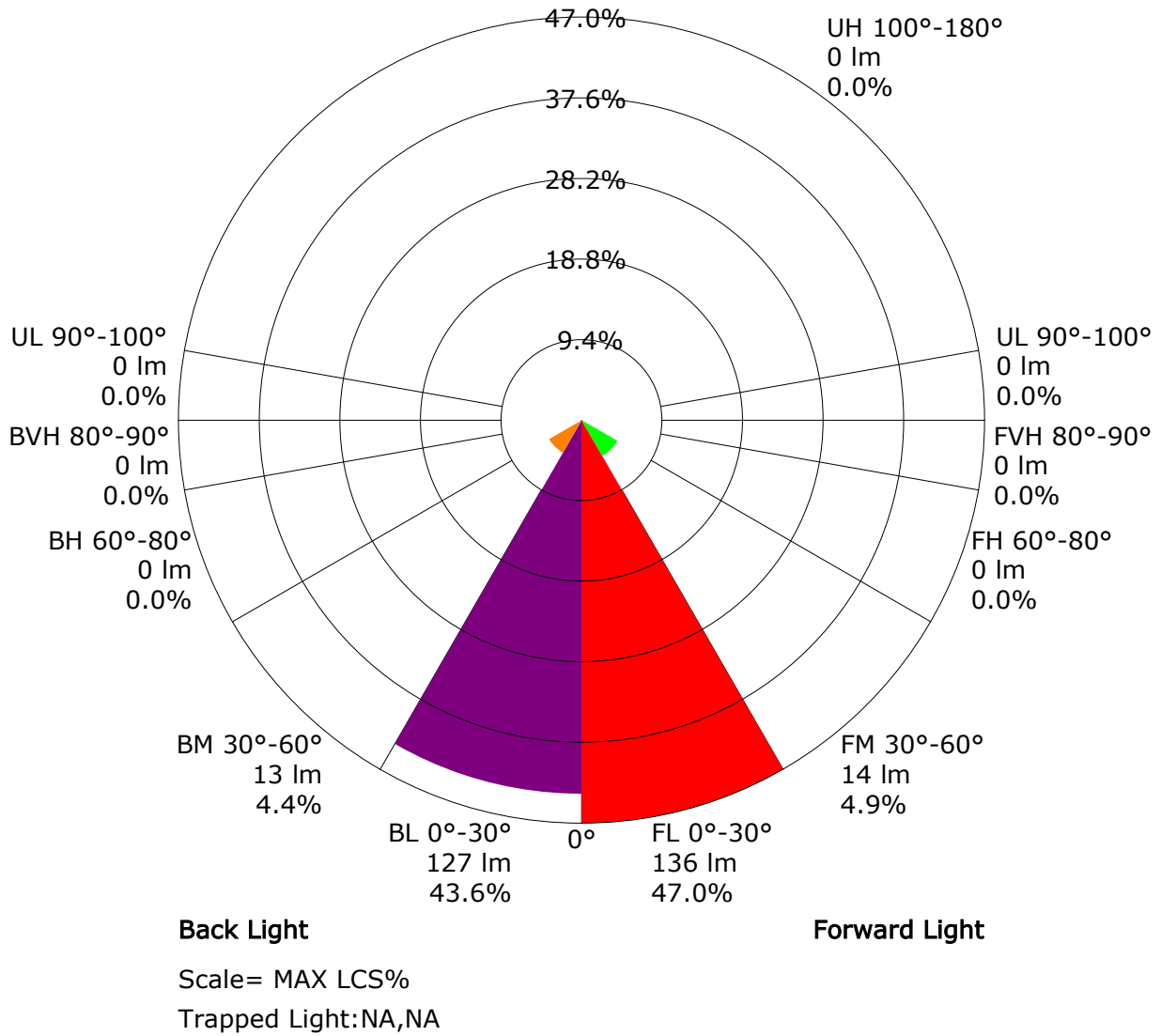
| ZONE | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT | 151 | 51.9 |
| FL (0°-30°) | 136 | 47.0 |
| FM (30°-60°) | 14 | 4.9 |
| FH (60°-80°) | 0 | 0.0 |
| FVH (80°-90°) | 0 | 0.0 |
| BACK LIGHT | 139 | 48.1 |
| BL (0°-30°) | 127 | 43.6 |
| BM (30°-60°) | 13 | 4.4 |
| BH (60°-80°) | 0 | 0.0 |
| BVH (80°-90°) | 0 | 0.0 |
| 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) | B1 U0 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U0 G0 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 0.75 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.97 | 1.02 | 1.04 | 1.06 | 1.09 | 1.11 | 1.12 | 1.14 | 1.15 | |
| | 0.30 | | 0.94 | 0.98 | 1.01 | 1.03 | 1.06 | 1.09 | 1.10 | 1.12 | 1.13 | |
| | 0.20 | | 0.92 | 0.96 | 0.99 | 1.01 | 1.04 | 1.07 | 1.08 | 1.10 | 1.12 | |
| 0.50 | 0.50 | 0.20 | 0.96 | 1.00 | 1.02 | 1.04 | 1.06 | 1.08 | 1.09 | 1.10 | 1.11 | |
| | 0.30 | | 0.93 | 0.97 | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.09 | 1.10 | |
| | 0.20 | | 0.91 | 0.95 | 0.98 | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.09 | |
| 0.30 | 0.50 | 0.20 | 0.95 | 0.99 | 1.01 | 1.02 | 1.04 | 1.05 | 1.06 | 1.06 | 1.07 | |
| | 0.30 | | 0.93 | 0.96 | 0.98 | 1.00 | 1.02 | 1.03 | 1.04 | 1.05 | 1.06 | |
| | 0.20 | | 0.91 | 0.94 | 0.97 | 0.98 | 1.01 | 1.02 | 1.03 | 1.05 | 1.05 | |
| 0.00 | 0.00 | 0.00 | 0.89 | 0.93 | 0.95 | 0.96 | 0.98 | 0.99 | 0.99 | 1.00 | 1.01 | |
| <p>Rating:3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 0.75 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.43 | 0.35 | 0.30 | 0.26 | 0.21 | 0.17 | 0.15 | 0.11 | 0.09 | |
| | 0.30 | | 0.36 | 0.30 | 0.26 | 0.23 | 0.19 | 0.16 | 0.14 | 0.11 | 0.09 | |
| | 0.20 | | 0.31 | 0.26 | 0.23 | 0.20 | 0.17 | 0.14 | 0.13 | 0.10 | 0.08 | |
| 0.50 | 0.50 | 0.20 | 0.40 | 0.32 | 0.27 | 0.24 | 0.19 | 0.20 | 0.13 | 0.10 | 0.08 | |
| | 0.30 | | 0.34 | 0.28 | 0.24 | 0.21 | 0.17 | 0.14 | 0.12 | 0.10 | 0.08 | |
| | 0.20 | | 0.30 | 0.25 | 0.22 | 0.19 | 0.16 | 0.13 | 0.12 | 0.09 | 0.08 | |
| 0.30 | 0.50 | 0.20 | 0.38 | 0.30 | 0.25 | 0.22 | 0.17 | 0.14 | 0.12 | 0.09 | 0.07 | |
| | 0.30 | | 0.33 | 0.27 | 0.23 | 0.20 | 0.16 | 0.13 | 0.11 | 0.09 | 0.07 | |
| | 0.20 | | 0.28 | 0.24 | 0.20 | 0.18 | 0.15 | 0.12 | 0.10 | 0.08 | 0.07 | |
| 0.00 | 0.00 | 0.00 | 0.13 | 0.10 | 0.08 | 0.07 | 0.05 | 0.04 | 0.04 | 0.03 | 0.02 | |
| <p>Rating:3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 0.75 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 | 0.19 | 0.20 | 0.21 |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |
| | 0.20 | | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 |
| 0.50 | 0.50 | 0.20 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 |
| | 0.20 | | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 |
| 0.30 | 0.50 | 0.20 | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 |
| | 0.30 | | 0.08 | 0.10 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.18 |
| | 0.20 | | 0.07 | 0.08 | 0.10 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 |
| 0.00 | 0.00 | 0.00 | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| <p>Rating:3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 966.4 | 0.9 | 0.9 | 0.32 | 0.32 |
| 1.0-2.0 | 960.3 | 2.8 | 3.7 | 0.95 | 1.27 |
| 2.0-3.0 | 947.9 | 4.5 | 8.2 | 1.56 | 2.83 |
| 3.0-4.0 | 929.0 | 6.2 | 14.4 | 2.14 | 4.98 |
| 4.0-5.0 | 904.1 | 7.8 | 22.2 | 2.68 | 7.66 |
| 5.0-6.0 | 873.8 | 9.2 | 31.4 | 3.17 | 10.82 |
| 6.0-7.0 | 837.9 | 10.4 | 41.8 | 3.59 | 14.41 |
| 7.0-8.0 | 797.5 | 11.4 | 53.2 | 3.93 | 18.34 |
| 8.0-9.0 | 754.8 | 12.2 | 65.4 | 4.22 | 22.56 |
| 9.0-10.0 | 710.3 | 12.9 | 78.3 | 4.43 | 26.99 |
| 10.0-11.0 | 663.8 | 13.3 | 91.6 | 4.57 | 31.56 |
| 11.0-12.0 | 614.2 | 13.4 | 105.0 | 4.63 | 36.19 |
| 12.0-13.0 | 564.6 | 13.4 | 118.4 | 4.62 | 40.81 |
| 13.0-14.0 | 516.2 | 13.2 | 131.6 | 4.55 | 45.37 |
| 14.0-15.0 | 468.3 | 12.9 | 144.5 | 4.43 | 49.80 |
| 15.0-16.0 | 422.8 | 12.4 | 156.9 | 4.27 | 54.07 |
| 16.0-17.0 | 379.5 | 11.8 | 168.7 | 4.07 | 58.14 |
| 17.0-18.0 | 338.8 | 11.2 | 179.9 | 3.85 | 61.99 |
| 18.0-19.0 | 302.6 | 10.5 | 190.4 | 3.63 | 65.62 |
| 19.0-20.0 | 269.7 | 9.9 | 200.3 | 3.40 | 69.02 |
| 20.0-21.0 | 237.8 | 9.1 | 209.4 | 3.15 | 72.17 |
| 21.0-22.0 | 207.7 | 8.3 | 217.7 | 2.88 | 75.05 |
| 22.0-23.0 | 181.5 | 7.6 | 225.4 | 2.63 | 77.68 |
| 23.0-24.0 | 159.9 | 7.0 | 232.3 | 2.41 | 80.09 |
| 24.0-25.0 | 141.7 | 6.4 | 238.8 | 2.22 | 82.31 |
| 25.0-26.0 | 126.4 | 6.0 | 244.8 | 2.06 | 84.36 |
| 26.0-27.0 | 111.8 | 5.5 | 250.2 | 1.89 | 86.25 |
| 27.0-28.0 | 96.2 | 4.9 | 255.1 | 1.68 | 87.93 |
| 28.0-29.0 | 80.9 | 4.2 | 259.3 | 1.46 | 89.39 |
| 29.0-30.0 | 68.0 | 3.7 | 263.0 | 1.27 | 90.65 |
| 30.0-31.0 | 57.7 | 3.2 | 266.2 | 1.11 | 91.76 |
| 31.0-32.0 | 49.1 | 2.8 | 269.0 | 0.97 | 92.73 |
| 32.0-33.0 | 42.1 | 2.5 | 271.5 | 0.85 | 93.58 |
| 33.0-34.0 | 36.8 | 2.2 | 273.7 | 0.77 | 94.35 |
| 34.0-35.0 | 32.8 | 2.0 | 275.8 | 0.70 | 95.05 |
| 35.0-36.0 | 29.3 | 1.9 | 277.6 | 0.64 | 95.70 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 25.8 | 1.7 | 279.3 | 0.58 | 96.28 |
| 37.0-38.0 | 22.2 | 1.5 | 280.8 | 0.51 | 96.79 |
| 38.0-39.0 | 18.7 | 1.3 | 282.1 | 0.44 | 97.23 |
| 39.0-40.0 | 15.8 | 1.1 | 283.2 | 0.38 | 97.61 |
| 40.0-41.0 | 13.3 | 1.0 | 284.1 | 0.33 | 97.94 |
| 41.0-42.0 | 11.5 | 0.8 | 285.0 | 0.29 | 98.22 |
| 42.0-43.0 | 10.0 | 0.7 | 285.7 | 0.26 | 98.48 |
| 43.0-44.0 | 8.8 | 0.7 | 286.4 | 0.23 | 98.71 |
| 44.0-45.0 | 7.8 | 0.6 | 287.0 | 0.21 | 98.92 |
| 45.0-46.0 | 6.8 | 0.5 | 287.5 | 0.18 | 99.10 |
| 46.0-47.0 | 5.9 | 0.5 | 288.0 | 0.16 | 99.26 |
| 47.0-48.0 | 4.9 | 0.4 | 288.4 | 0.14 | 99.40 |
| 48.0-49.0 | 4.0 | 0.3 | 288.7 | 0.11 | 99.51 |
| 49.0-50.0 | 3.2 | 0.3 | 289.0 | 0.09 | 99.60 |
| 50.0-51.0 | 2.5 | 0.2 | 289.2 | 0.07 | 99.68 |
| 51.0-52.0 | 2.0 | 0.2 | 289.4 | 0.06 | 99.74 |
| 52.0-53.0 | 1.6 | 0.1 | 289.5 | 0.05 | 99.79 |
| 53.0-54.0 | 1.3 | 0.1 | 289.6 | 0.04 | 99.82 |
| 54.0-55.0 | 1.1 | 0.1 | 289.7 | 0.03 | 99.86 |
| 55.0-56.0 | 0.9 | 0.1 | 289.8 | 0.03 | 99.89 |
| 56.0-57.0 | 0.8 | 0.1 | 289.9 | 0.03 | 99.91 |
| 57.0-58.0 | 0.7 | 0.1 | 289.9 | 0.02 | 99.94 |
| 58.0-59.0 | 0.6 | 0.1 | 290.0 | 0.02 | 99.96 |
| 59.0-60.0 | 0.5 | 0.0 | 290.0 | 0.02 | 99.97 |
| 60.0-61.0 | 0.4 | 0.0 | 290.1 | 0.01 | 99.98 |
| 61.0-62.0 | 0.2 | 0.0 | 290.1 | 0.01 | 99.99 |
| 62.0-63.0 | 0.2 | 0.0 | 290.1 | 0.01 | 100.00 |
| 63.0-64.0 | 0.1 | 0.0 | 290.1 | 0.00 | 100.00 |
| 64.0-65.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 65.0-66.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 66.0-67.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 67.0-68.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 68.0-69.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 69.0-70.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 70.0-71.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 71.0-72.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 73.0-74.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 74.0-75.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 75.0-76.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 76.0-77.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 77.0-78.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 78.0-79.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 79.0-80.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 80.0-81.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 81.0-82.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 82.0-83.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 83.0-84.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 84.0-85.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 85.0-86.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 86.0-87.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 87.0-88.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 88.0-89.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 89.0-90.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 90.0-91.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 91.0-92.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 92.0-93.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 93.0-94.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 94.0-95.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 95.0-96.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 96.0-97.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 97.0-98.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 98.0-99.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 99.0-100.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 100.0-101.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 101.0-102.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 102.0-103.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 103.0-104.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 104.0-105.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 105.0-106.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 106.0-107.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 107.0-108.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 109.0-110.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 110.0-111.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 111.0-112.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 112.0-113.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 113.0-114.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 114.0-115.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 115.0-116.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 116.0-117.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 117.0-118.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 118.0-119.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 119.0-120.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 120.0-121.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 121.0-122.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 122.0-123.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 123.0-124.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 124.0-125.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 125.0-126.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 126.0-127.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 127.0-128.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 128.0-129.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 129.0-130.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 130.0-131.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 131.0-132.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 132.0-133.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 133.0-134.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 134.0-135.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 135.0-136.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 136.0-137.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 137.0-138.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 138.0-139.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 139.0-140.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 140.0-141.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 141.0-142.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 142.0-143.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 143.0-144.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 145.0-146.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 146.0-147.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 147.0-148.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 148.0-149.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 149.0-150.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 150.0-151.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 151.0-152.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 152.0-153.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 153.0-154.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 154.0-155.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 155.0-156.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 156.0-157.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 157.0-158.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 158.0-159.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 159.0-160.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 160.0-161.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 161.0-162.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 162.0-163.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 163.0-164.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 164.0-165.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 165.0-166.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 166.0-167.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 167.0-168.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 168.0-169.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 169.0-170.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 170.0-171.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 171.0-172.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 172.0-173.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 173.0-174.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 174.0-175.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 175.0-176.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 176.0-177.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 177.0-178.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 178.0-179.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |
| 179.0-180.0 | 0.0 | 0.0 | 290.1 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 286.98 lm

%lum = 98.9%

%lamp = 98.9%

cone flux(120°): 290.04 lm

%lum = 100.0%

%lamp = 100.0%

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G0.0 | 967.9 | 968.3 | 967.6 | 967.4 | 967.9 | 968.4 | 967.9 | 968.3 | 967.6 | 967.4 |
| G1.0 | 965.5 | 964.0 | 960.5 | 960.4 | 961.3 | 962.6 | 963.8 | 966.3 | 968.7 | 969.1 |
| G2.0 | 958.4 | 954.0 | 947.8 | 946.7 | 949.6 | 950.8 | 952.4 | 956.8 | 961.9 | 965.0 |
| G3.0 | 945.2 | 937.9 | 930.2 | 927.6 | 930.6 | 931.5 | 931.5 | 938.8 | 947.9 | 953.9 |
| G4.0 | 928.3 | 920.3 | 907.0 | 904.1 | 905.6 | 906.1 | 905.6 | 910.6 | 925.8 | 933.5 |
| G5.0 | 906.2 | 896.8 | 881.2 | 874.6 | 873.8 | 875.1 | 872.0 | 877.4 | 898.1 | 907.3 |
| G6.0 | 879.7 | 867.7 | 849.8 | 841.8 | 839.0 | 839.3 | 831.5 | 840.4 | 861.8 | 875.8 |
| G7.0 | 847.5 | 832.0 | 815.0 | 803.0 | 800.4 | 794.8 | 789.3 | 795.4 | 820.9 | 834.5 |
| G8.0 | 807.5 | 795.4 | 776.8 | 763.9 | 757.5 | 751.1 | 741.8 | 748.8 | 775.4 | 792.8 |
| G9.0 | 767.8 | 756.0 | 732.8 | 722.5 | 709.0 | 705.2 | 695.8 | 703.2 | 730.5 | 749.9 |
| G10.0 | 725.0 | 714.3 | 690.7 | 679.4 | 664.3 | 657.5 | 647.3 | 654.8 | 683.1 | 702.2 |
| G11.0 | 680.5 | 670.9 | 645.7 | 633.3 | 617.0 | 608.5 | 597.9 | 604.3 | 634.3 | 653.1 |
| G12.0 | 629.9 | 620.9 | 599.4 | 580.3 | 563.7 | 554.2 | 545.8 | 551.1 | 580.7 | 603.5 |
| G13.0 | 582.4 | 573.9 | 549.9 | 533.1 | 515.8 | 505.7 | 501.4 | 507.3 | 532.7 | 553.0 |
| G14.0 | 533.2 | 525.6 | 503.0 | 485.1 | 466.9 | 458.9 | 452.2 | 457.8 | 485.0 | 500.5 |
| G15.0 | 485.2 | 479.1 | 455.8 | 437.7 | 421.2 | 414.5 | 406.3 | 412.7 | 440.9 | 452.7 |
| G16.0 | 438.7 | 432.6 | 411.1 | 394.3 | 379.1 | 368.1 | 366.3 | 373.2 | 395.1 | 408.9 |
| G17.0 | 393.8 | 389.4 | 369.5 | 350.1 | 338.8 | 329.6 | 324.8 | 330.8 | 354.3 | 363.8 |
| G18.0 | 349.8 | 346.3 | 326.1 | 312.4 | 299.7 | 295.4 | 290.5 | 296.0 | 317.8 | 325.4 |
| G19.0 | 313.0 | 309.1 | 291.5 | 279.1 | 268.8 | 265.0 | 261.0 | 265.8 | 284.7 | 291.4 |
| G20.0 | 280.2 | 276.8 | 261.7 | 250.3 | 240.4 | 235.1 | 232.5 | 237.2 | 246.9 | 251.8 |
| G21.0 | 248.9 | 245.8 | 234.0 | 221.5 | 214.9 | 210.6 | 208.0 | 212.2 | 204.2 | 210.2 |
| G22.0 | 222.9 | 220.3 | 208.0 | 198.7 | 190.2 | 188.5 | 184.2 | 186.0 | 169.3 | 169.9 |
| G23.0 | 199.6 | 198.0 | 186.4 | 178.1 | 169.6 | 168.7 | 164.9 | 161.8 | 142.9 | 142.7 |
| G24.0 | 179.7 | 177.9 | 166.9 | 159.2 | 151.7 | 149.5 | 147.8 | 140.3 | 126.3 | 125.8 |
| G25.0 | 159.8 | 158.3 | 148.2 | 141.5 | 134.1 | 134.2 | 132.9 | 120.3 | 114.4 | 114.6 |
| G26.0 | 143.6 | 142.6 | 133.1 | 126.9 | 120.1 | 120.8 | 119.9 | 105.0 | 103.1 | 104.0 |
| G27.0 | 128.4 | 129.2 | 119.7 | 114.1 | 108.0 | 109.1 | 107.8 | 94.5 | 77.3 | 79.0 |
| G28.0 | 113.5 | 117.0 | 108.1 | 102.7 | 97.3 | 98.0 | 97.5 | 86.4 | 46.2 | 48.1 |
| G29.0 | 99.8 | 105.4 | 98.0 | 91.6 | 87.7 | 88.7 | 88.0 | 79.9 | 19.7 | 20.4 |
| G30.0 | 87.1 | 95.9 | 88.1 | 82.7 | 79.0 | 80.9 | 78.9 | 68.9 | 8.8 | 8.6 |
| G31.0 | 78.1 | 87.6 | 80.1 | 74.8 | 71.7 | 73.6 | 69.8 | 49.8 | 5.7 | 5.5 |
| G32.0 | 71.4 | 80.1 | 73.2 | 67.8 | 65.2 | 66.3 | 62.3 | 28.5 | 4.3 | 3.7 |
| G33.0 | 65.0 | 72.9 | 66.9 | 60.8 | 58.9 | 60.3 | 56.1 | 12.1 | 3.3 | 2.6 |
| G34.0 | 60.0 | 66.8 | 60.8 | 55.1 | 52.8 | 54.8 | 50.8 | 4.3 | 2.1 | 1.5 |
| G35.0 | 55.4 | 61.3 | 55.8 | 49.9 | 48.2 | 49.6 | 46.2 | 2.2 | 0.9 | 0.0 |
| G36.0 | 46.5 | 56.3 | 50.7 | 45.3 | 43.8 | 44.5 | 41.8 | 1.2 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G37.0 | 32.8 | 50.7 | 46.2 | 40.8 | 39.5 | 40.3 | 36.9 | 0.0 | 0.0 | 0.0 |
| G38.0 | 18.5 | 45.8 | 41.9 | 36.5 | 35.2 | 36.4 | 29.3 | 0.0 | 0.0 | 0.0 |
| G39.0 | 8.5 | 41.3 | 38.0 | 32.9 | 31.8 | 32.8 | 21.0 | 0.0 | 0.0 | 0.0 |
| G40.0 | 3.2 | 37.3 | 34.5 | 29.6 | 28.3 | 29.3 | 10.6 | 0.0 | 0.0 | 0.0 |
| G41.0 | 1.5 | 33.5 | 31.1 | 26.1 | 25.6 | 25.5 | 4.3 | 0.0 | 0.0 | 0.0 |
| G42.0 | 0.9 | 29.8 | 27.8 | 23.2 | 22.5 | 22.4 | 1.6 | 0.0 | 0.0 | 0.0 |
| G43.0 | 0.0 | 26.9 | 25.0 | 20.7 | 20.1 | 19.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G44.0 | 0.0 | 24.0 | 22.2 | 18.6 | 17.7 | 17.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| G45.0 | 0.0 | 21.2 | 19.9 | 16.1 | 15.6 | 14.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G46.0 | 0.0 | 17.6 | 17.9 | 14.2 | 13.6 | 12.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G47.0 | 0.0 | 13.2 | 15.8 | 12.5 | 11.8 | 11.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| G48.0 | 0.0 | 8.7 | 14.0 | 10.8 | 10.4 | 9.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| G49.0 | 0.0 | 4.5 | 12.1 | 9.4 | 9.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| G50.0 | 0.0 | 1.9 | 10.4 | 8.1 | 7.7 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| G51.0 | 0.0 | 1.0 | 8.8 | 6.9 | 6.9 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| G52.0 | 0.0 | 0.0 | 7.6 | 6.2 | 5.9 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G53.0 | 0.0 | 0.0 | 6.3 | 5.4 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G54.0 | 0.0 | 0.0 | 5.5 | 4.7 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G55.0 | 0.0 | 0.0 | 4.5 | 4.1 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G56.0 | 0.0 | 0.0 | 3.8 | 3.4 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G57.0 | 0.0 | 0.0 | 3.3 | 3.0 | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G58.0 | 0.0 | 0.0 | 2.7 | 2.5 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G59.0 | 0.0 | 0.0 | 2.0 | 2.2 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G60.0 | 0.0 | 0.0 | 1.4 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G61.0 | 0.0 | 0.0 | 0.0 | 1.6 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G62.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G63.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G64.0 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G65.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G66.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G67.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G68.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G69.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G70.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G71.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G72.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G73.0 | 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: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G74.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G75.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G76.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G77.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G78.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G79.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G80.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G81.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G83.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G84.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G86.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G87.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G88.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G89.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 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: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G0.0 | 967.9 | 968.4 | 967.9 | | | | | | | |
| G1.0 | 968.7 | 967.3 | 965.5 | | | | | | | |
| G2.0 | 964.9 | 961.5 | 958.4 | | | | | | | |
| G3.0 | 954.2 | 951.1 | 945.2 | | | | | | | |
| G4.0 | 936.7 | 931.8 | 928.3 | | | | | | | |
| G5.0 | 913.0 | 908.7 | 906.2 | | | | | | | |
| G6.0 | 879.4 | 880.3 | 879.7 | | | | | | | |
| G7.0 | 843.0 | 846.2 | 847.5 | | | | | | | |
| G8.0 | 803.1 | 803.7 | 807.5 | | | | | | | |
| G9.0 | 761.2 | 763.3 | 767.8 | | | | | | | |
| G10.0 | 714.1 | 718.0 | 725.0 | | | | | | | |
| G11.0 | 665.1 | 670.0 | 680.5 | | | | | | | |
| G12.0 | 610.4 | 621.7 | 629.9 | | | | | | | |
| G13.0 | 560.9 | 572.1 | 582.4 | | | | | | | |
| G14.0 | 512.1 | 519.2 | 533.2 | | | | | | | |
| G15.0 | 461.2 | 471.6 | 485.2 | | | | | | | |
| G16.0 | 415.6 | 426.2 | 438.7 | | | | | | | |
| G17.0 | 371.8 | 382.6 | 393.8 | | | | | | | |
| G18.0 | 333.4 | 339.1 | 349.8 | | | | | | | |
| G19.0 | 297.0 | 303.1 | 313.0 | | | | | | | |
| G20.0 | 258.9 | 271.1 | 280.2 | | | | | | | |
| G21.0 | 213.4 | 239.9 | 248.9 | | | | | | | |
| G22.0 | 174.9 | 208.9 | 222.9 | | | | | | | |
| G23.0 | 146.1 | 176.3 | 199.6 | | | | | | | |
| G24.0 | 127.6 | 148.9 | 179.7 | | | | | | | |
| G25.0 | 114.7 | 125.9 | 159.8 | | | | | | | |
| G26.0 | 104.0 | 110.7 | 143.6 | | | | | | | |
| G27.0 | 82.5 | 99.3 | 128.4 | | | | | | | |
| G28.0 | 53.9 | 90.4 | 113.5 | | | | | | | |
| G29.0 | 24.8 | 79.8 | 99.8 | | | | | | | |
| G30.0 | 9.3 | 59.7 | 87.1 | | | | | | | |
| G31.0 | 6.0 | 34.2 | 78.1 | | | | | | | |
| G32.0 | 4.5 | 14.4 | 71.4 | | | | | | | |
| G33.0 | 3.2 | 6.1 | 65.0 | | | | | | | |
| G34.0 | 1.9 | 3.8 | 60.0 | | | | | | | |
| G35.0 | 0.0 | 2.9 | 55.4 | | | | | | | |
| G36.0 | 0.0 | 1.8 | 46.5 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G37.0 | 0.0 | 1.1 | 32.8 | | | | | | | |
| G38.0 | 0.0 | 0.0 | 18.5 | | | | | | | |
| G39.0 | 0.0 | 0.0 | 8.5 | | | | | | | |
| G40.0 | 0.0 | 0.0 | 3.2 | | | | | | | |
| G41.0 | 0.0 | 0.0 | 1.5 | | | | | | | |
| G42.0 | 0.0 | 0.0 | 0.9 | | | | | | | |
| G43.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G44.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G45.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G46.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G47.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G48.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G49.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G50.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G51.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G52.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G53.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G54.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G55.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G56.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G57.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G58.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G59.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G60.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G61.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G62.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G63.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G64.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G65.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G66.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G67.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G68.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G69.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G70.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G71.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G72.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G73.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G74.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G75.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G76.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G77.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G78.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G79.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G80.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G81.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G82.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G83.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G84.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G85.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G86.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G87.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G88.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G89.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G90.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G91.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G92.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G93.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G94.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G95.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G96.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G97.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G98.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G99.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G100.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G101.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G102.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G103.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G104.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G105.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G106.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G107.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G108.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G109.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G110.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G111.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G112.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G113.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G114.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G115.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G116.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G117.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G118.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G119.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G120.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G121.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G122.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G123.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G124.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G125.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G126.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G127.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G128.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G129.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G130.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G131.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G132.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G133.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G134.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G135.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G136.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G137.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G138.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G139.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G140.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G141.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G142.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G143.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G144.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G145.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G146.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G147.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G148.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G149.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G150.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G151.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G152.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G153.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G154.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G155.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G156.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G157.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G158.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G159.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G160.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G161.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G162.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G163.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G164.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G165.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G166.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G167.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G168.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G169.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G170.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G171.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G172.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G173.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G174.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G175.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G176.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G177.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G178.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G179.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G180.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

LED Average Luminance Report

| Avg.L | cd/m ² |
|-----------------|-------------------|
| L 0-180(65) av | -1.#J |
| L 0-180(75) av | -1.#J |
| L 0-180(85) av | -1.#J |
| L 90-270(65) av | -1.#J |
| L 90-270(75) av | -1.#J |
| L 90-270(85) av | -1.#J |
| L 45(65) av | -1.#J |
| L 45(75) av | -1.#J |
| L 45(85) av | -1.#J |

Standard: GB/T 29293-2012

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 11.655 m [K=1.0000]
Humidity:
Inspector: