

Report No.:

Test Time: 2023/11/20 10:20

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog: DOB
Lamp Description: L150_27805030000S0(8.68W)
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.855 A
Power Factor: 0.832

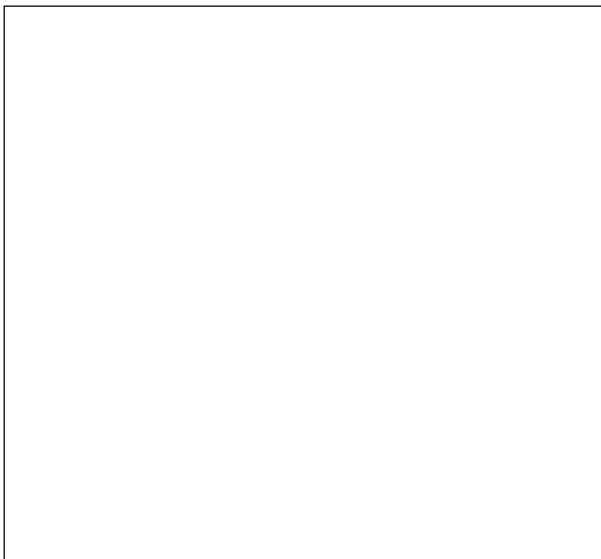
Luminaire Description: 490217 BODACIOUS
Lumens per Lamp:
Luminous Width (mm):
Voltage: 12.0 V
Power: 8.56 W

Photometric Results

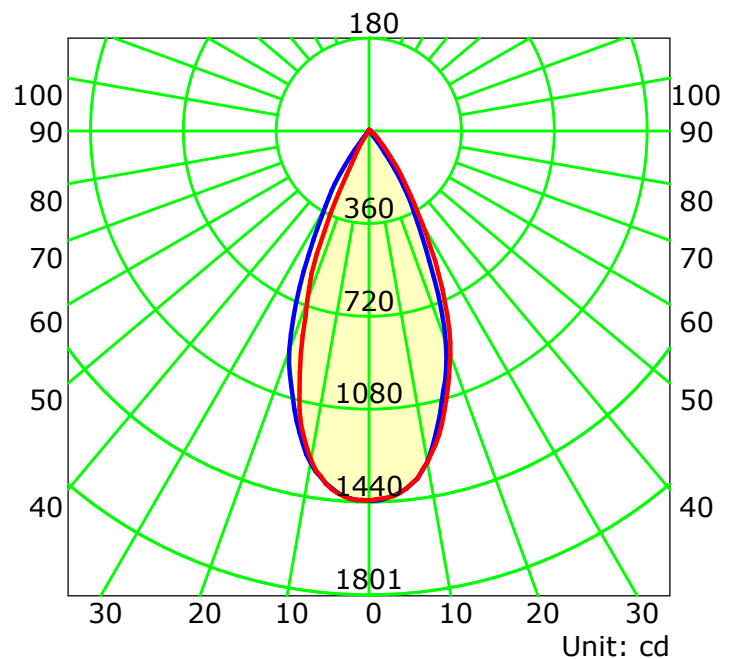
CIE Class: Direct
Measurement Flux: 796.3 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%,75%,100%): H70.5,H45.7,H31.4,H1
Vertical Diffuse Angle(10%,50%,75%,100%): V67.4,V43.9,V30.9,V0
Luminaire Efficacy Rating (LER): 93.07
Max. Intensity: 1434.96 cd
S/MH(C0/C180): 0.74

Total Rated Lamp Lumens: 796.3 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 1434.45 cd
Pos of Max. Intensity: H0 V1
S/MH(C90/C270): 0.70

Picture Of Luminaire



Luminous Intensity Distribution Curve



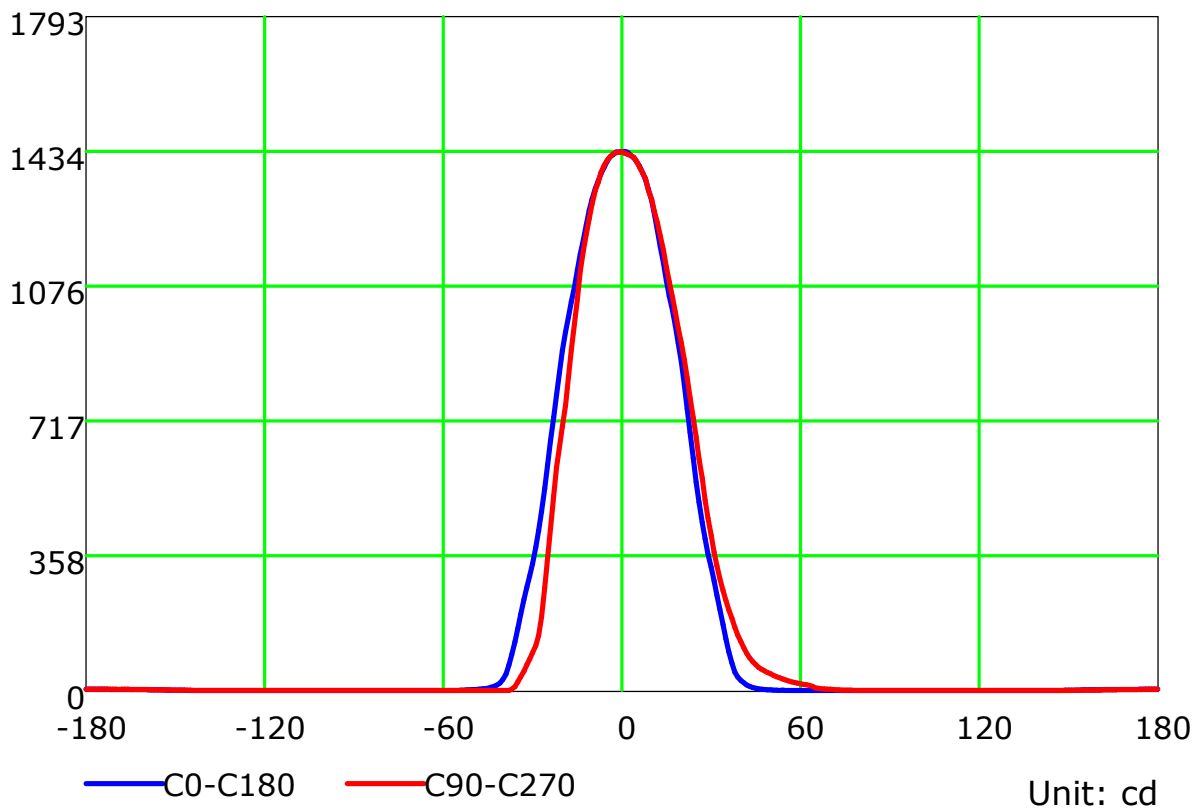
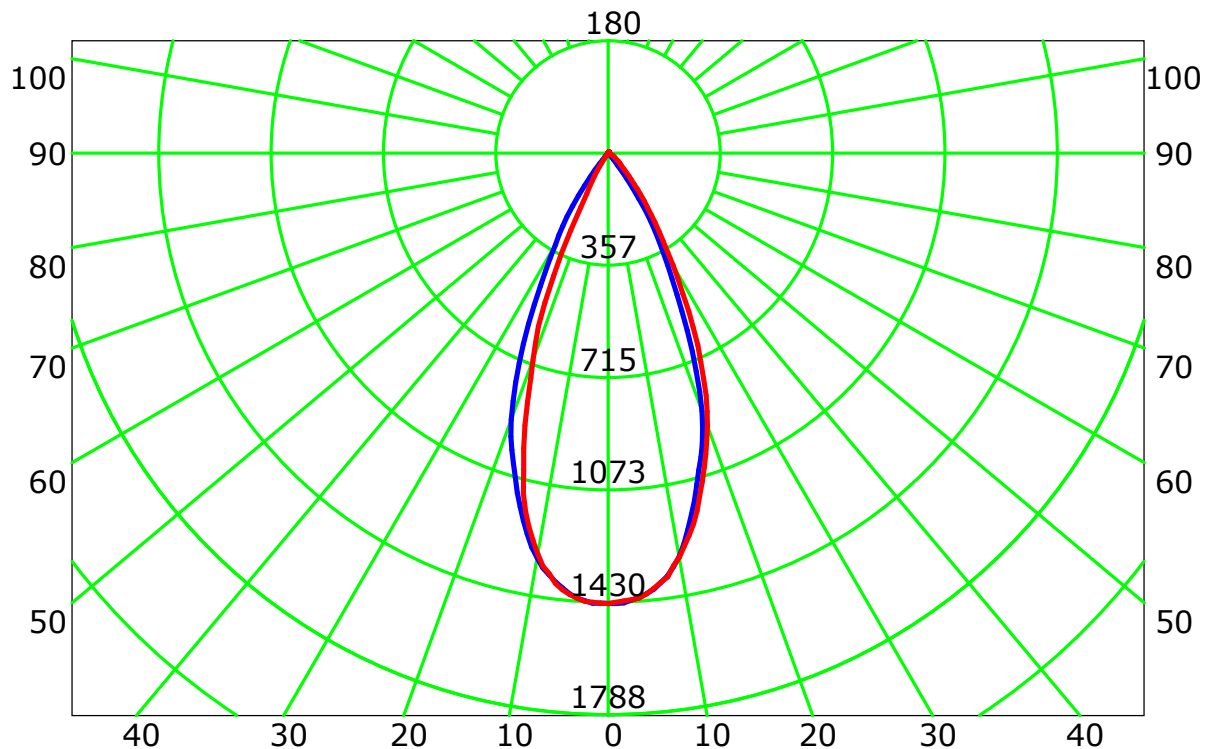
Average Diffuse Angle(50%): 44.8°

— C0-C180 — C90-C270

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:

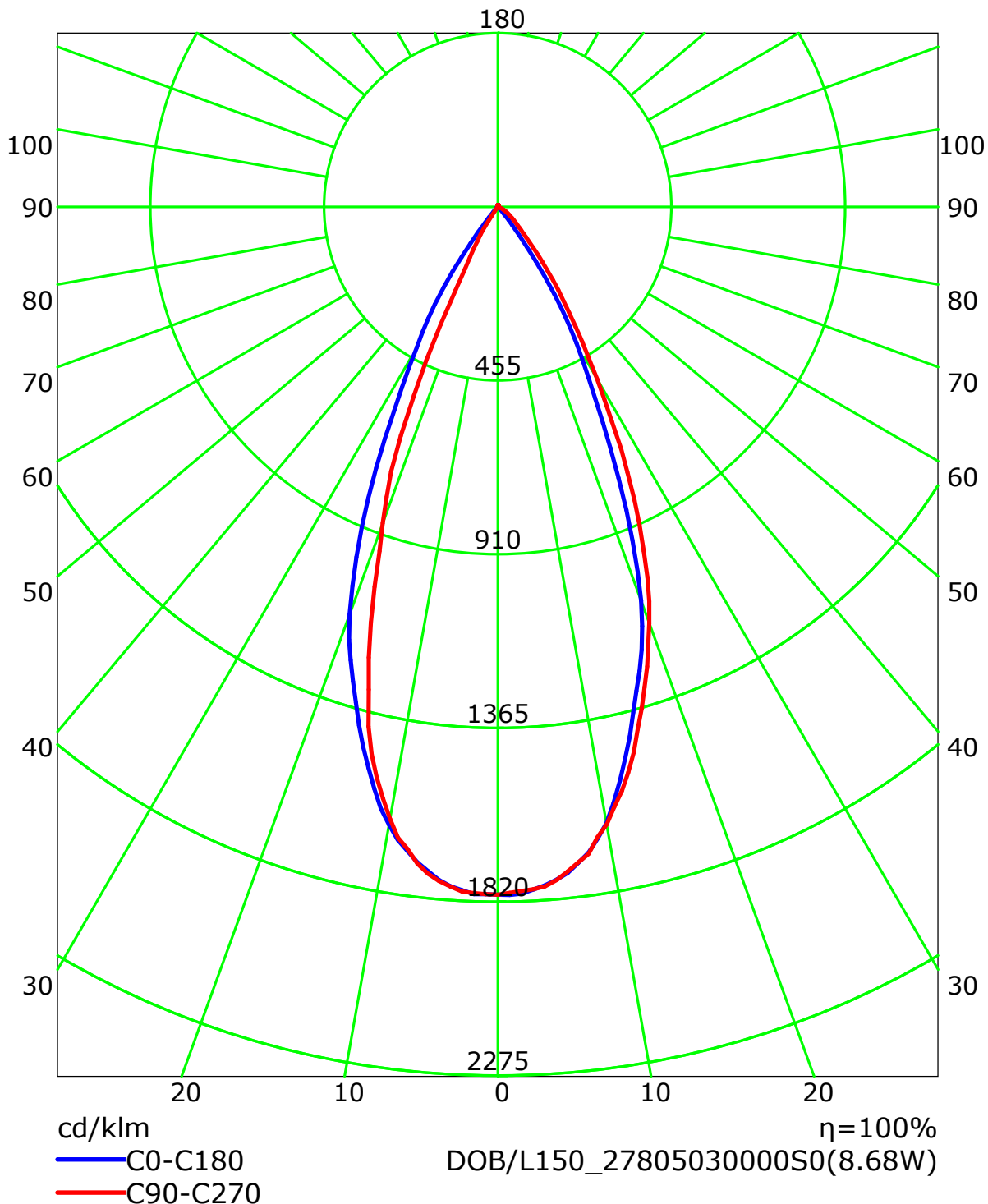
Luminous Intensity Distribution Curve



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)



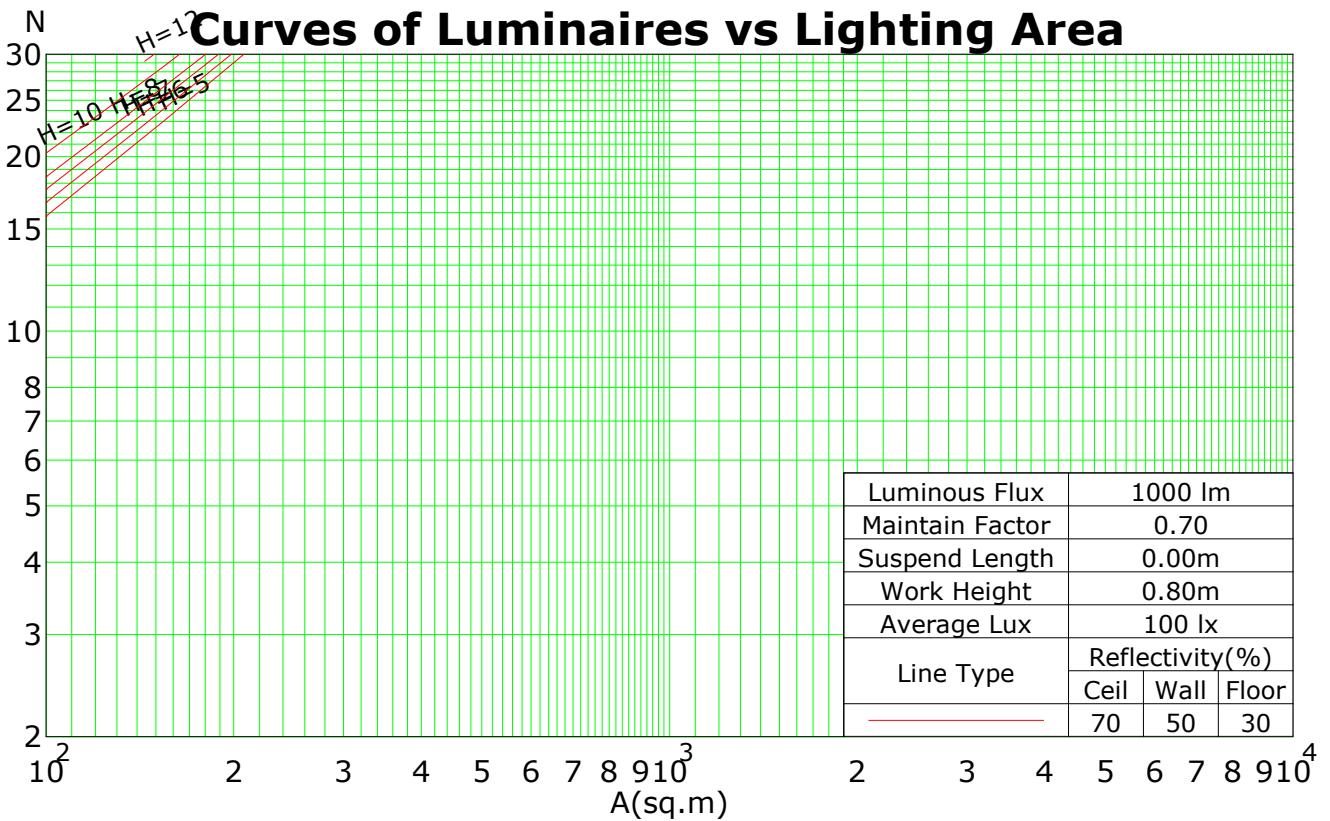
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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 | 1.14 | 1.12 | 1.09 | 1.07 | 1.12 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.02 | 1.02 | 1.00 | 0.99 | 0.98 | 0.97 | 0.96 | 0.95 |
| 2 | 1.09 | 1.05 | 1.01 | 0.98 | 1.07 | 1.03 | 1.00 | 0.97 | 1.00 | 0.97 | 0.95 | 0.97 | 0.95 | 0.93 | 0.94 | 0.92 | 0.91 | 0.89 |
| 3 | 1.04 | 0.99 | 0.94 | 0.91 | 1.03 | 0.97 | 0.93 | 0.90 | 0.95 | 0.91 | 0.89 | 0.92 | 0.90 | 0.87 | 0.90 | 0.88 | 0.86 | 0.84 |
| 4 | 1.00 | 0.93 | 0.88 | 0.85 | 0.98 | 0.92 | 0.88 | 0.84 | 0.90 | 0.86 | 0.83 | 0.88 | 0.85 | 0.82 | 0.86 | 0.84 | 0.81 | 0.80 |
| 5 | 0.96 | 0.88 | 0.83 | 0.79 | 0.94 | 0.87 | 0.83 | 0.79 | 0.86 | 0.82 | 0.78 | 0.84 | 0.81 | 0.78 | 0.83 | 0.80 | 0.77 | 0.76 |
| 6 | 0.92 | 0.84 | 0.79 | 0.75 | 0.90 | 0.83 | 0.78 | 0.75 | 0.82 | 0.77 | 0.74 | 0.80 | 0.77 | 0.74 | 0.79 | 0.76 | 0.73 | 0.72 |
| 7 | 0.88 | 0.80 | 0.75 | 0.71 | 0.87 | 0.79 | 0.74 | 0.71 | 0.78 | 0.74 | 0.70 | 0.77 | 0.73 | 0.70 | 0.76 | 0.72 | 0.70 | 0.68 |
| 8 | 0.84 | 0.76 | 0.71 | 0.67 | 0.83 | 0.76 | 0.71 | 0.67 | 0.74 | 0.70 | 0.67 | 0.74 | 0.69 | 0.66 | 0.73 | 0.69 | 0.66 | 0.65 |
| 9 | 0.81 | 0.73 | 0.67 | 0.64 | 0.80 | 0.72 | 0.67 | 0.64 | 0.71 | 0.67 | 0.64 | 0.70 | 0.66 | 0.63 | 0.70 | 0.66 | 0.63 | 0.62 |
| 10 | 0.78 | 0.69 | 0.64 | 0.61 | 0.77 | 0.69 | 0.64 | 0.61 | 0.68 | 0.64 | 0.61 | 0.68 | 0.63 | 0.61 | 0.67 | 0.63 | 0.60 | 0.59 |

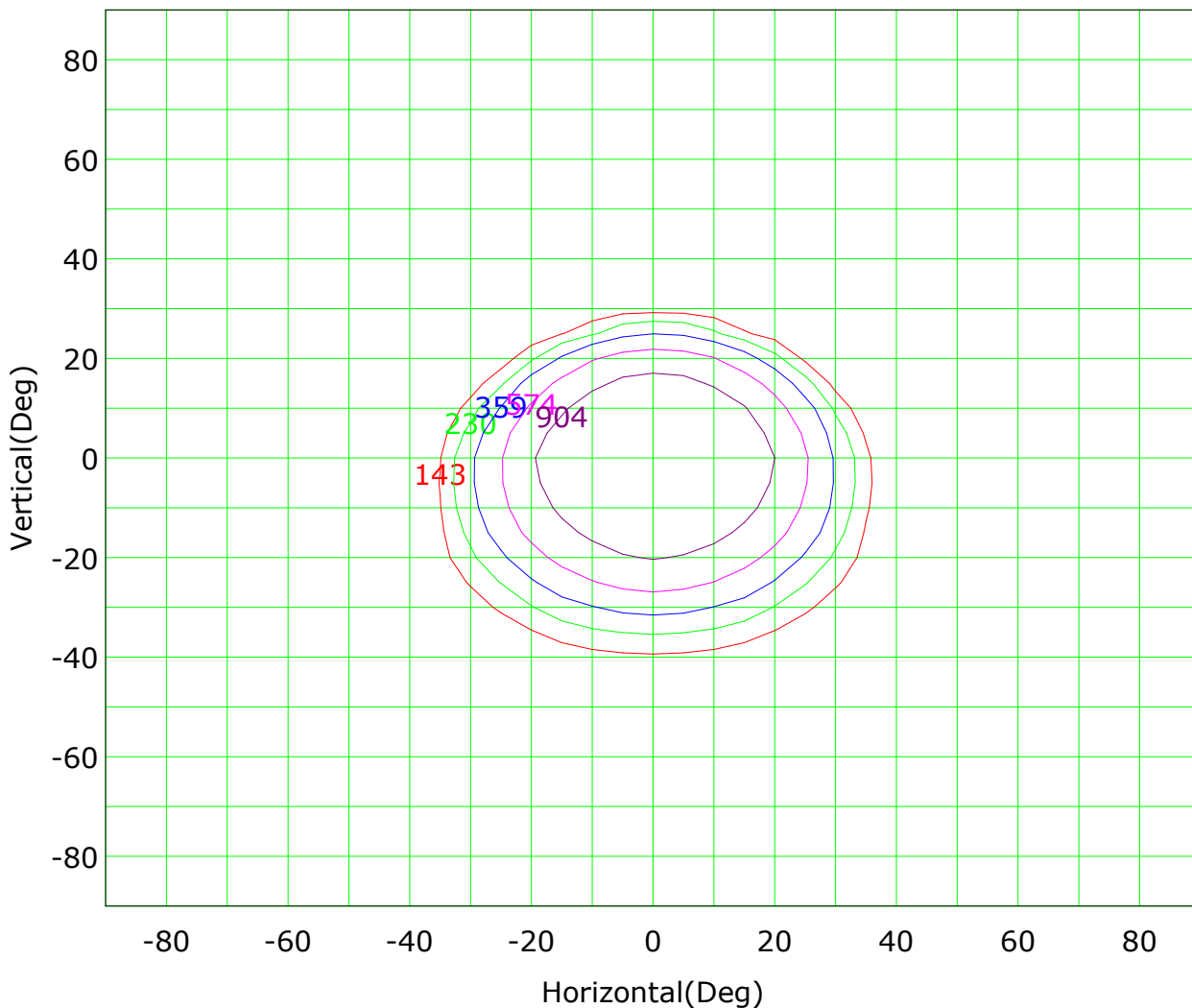
Spacing Criteria (0-180): 0.74
 Spacing Criteria (90-270): 0.70
 Spacing Criteria (Diagonal): 0.68



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)



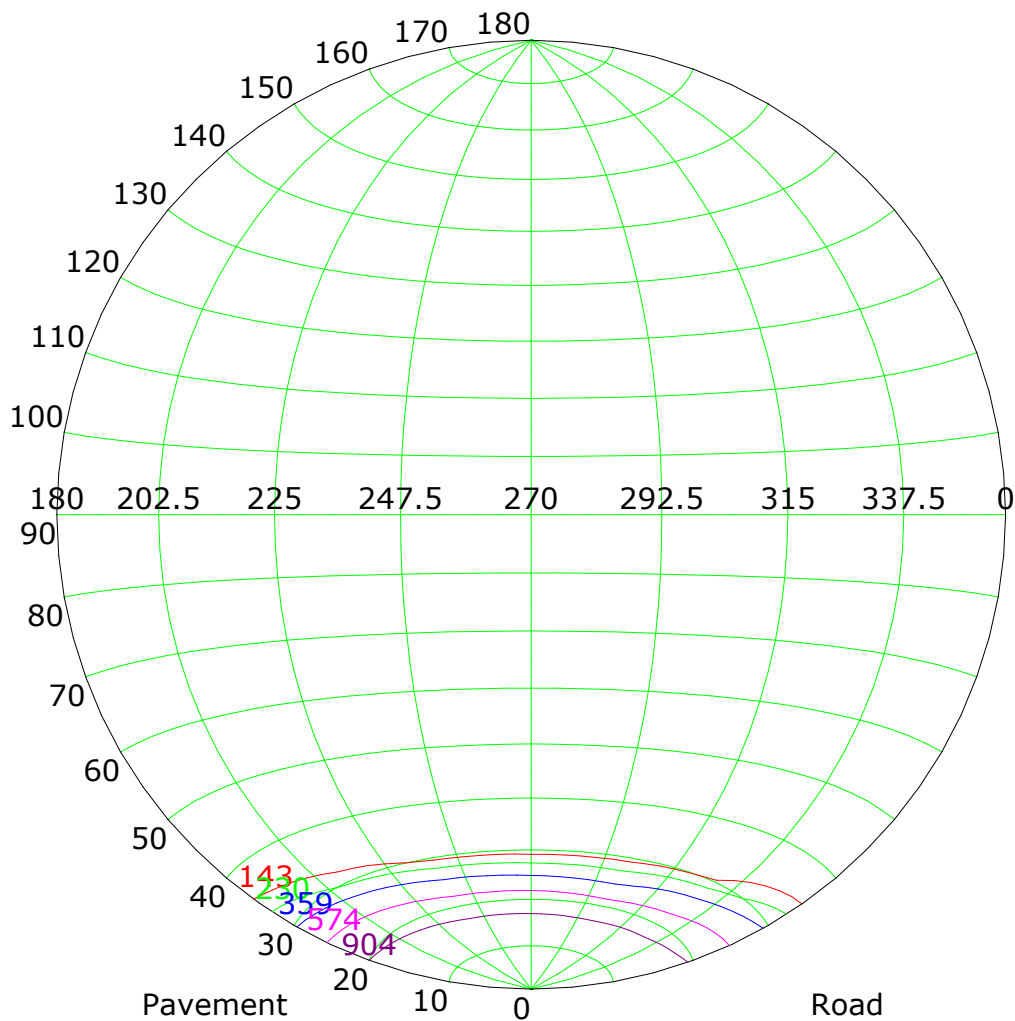
Imax (100%): 1435 cd

- | | |
|------------------|-------------------|
| — (10%): 143 cd | — (16%): 230 cd |
| — (25%): 359 cd | — (40%): 574 cd |
| — (63%): 904 cd | — (100%): 1435 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)



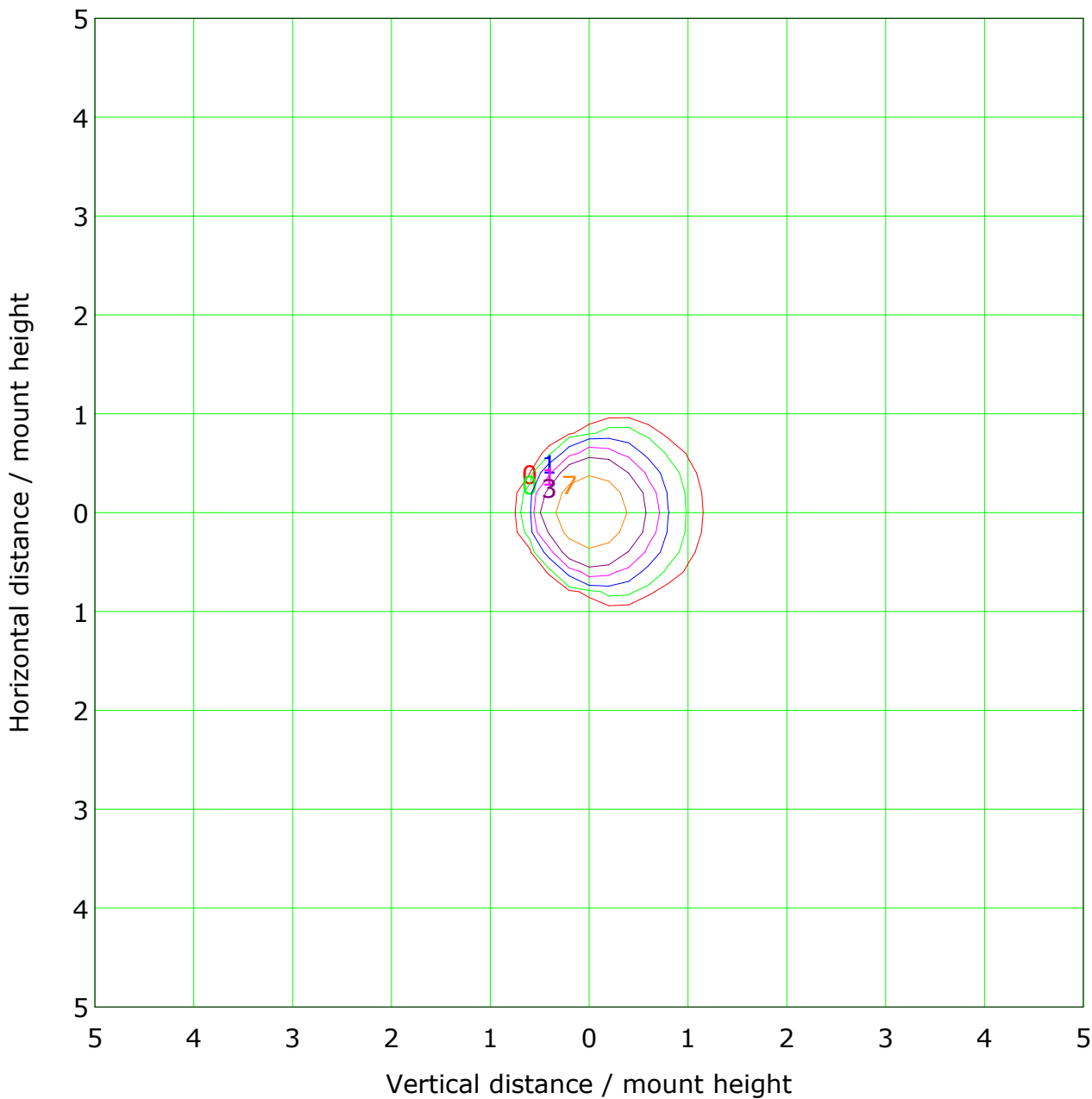
Imax (100%): 1435 cd

| | |
|------------------|-------------------|
| — (10%): 143 cd | — (16%): 230 cd |
| — (25%): 359 cd | — (40%): 574 cd |
| — (63%): 904 cd | — (100%): 1435 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%): 14.3 lx

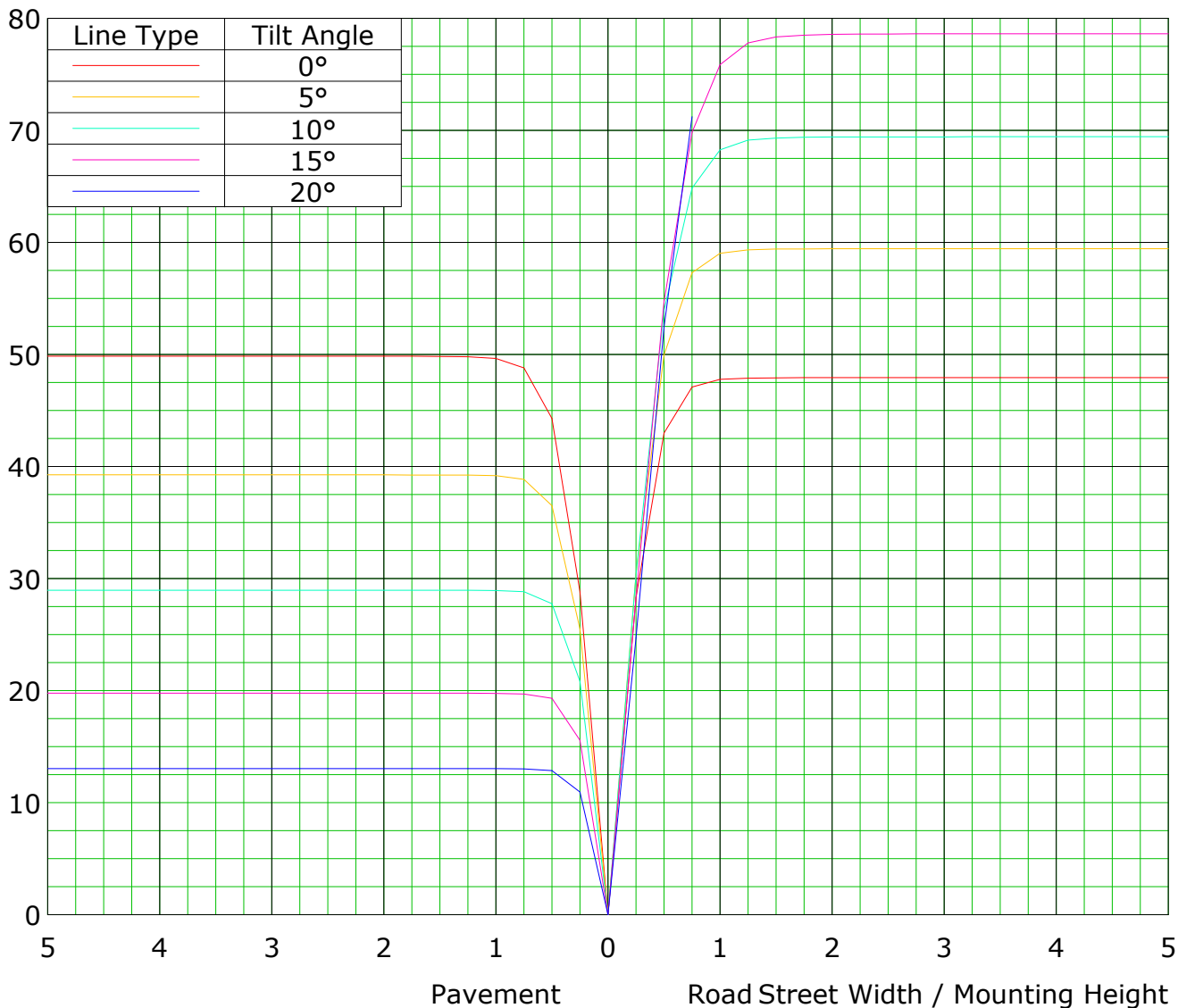
| | |
|-------------------|-----------------|
| — (1%): 0.1 lx | — (2%): 0.3 lx |
| — (5%): 0.7 lx | — (10%): 1.4 lx |
| — (20%): 2.9 lx | — (50%): 7.2 lx |
| — (100%): 14.3 lx | |

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(%)



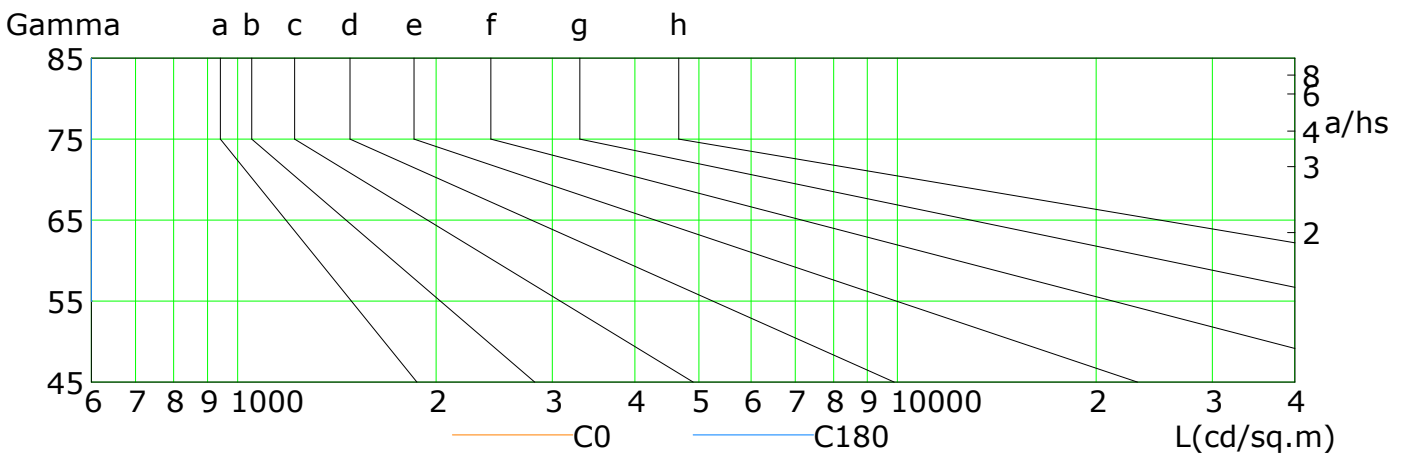
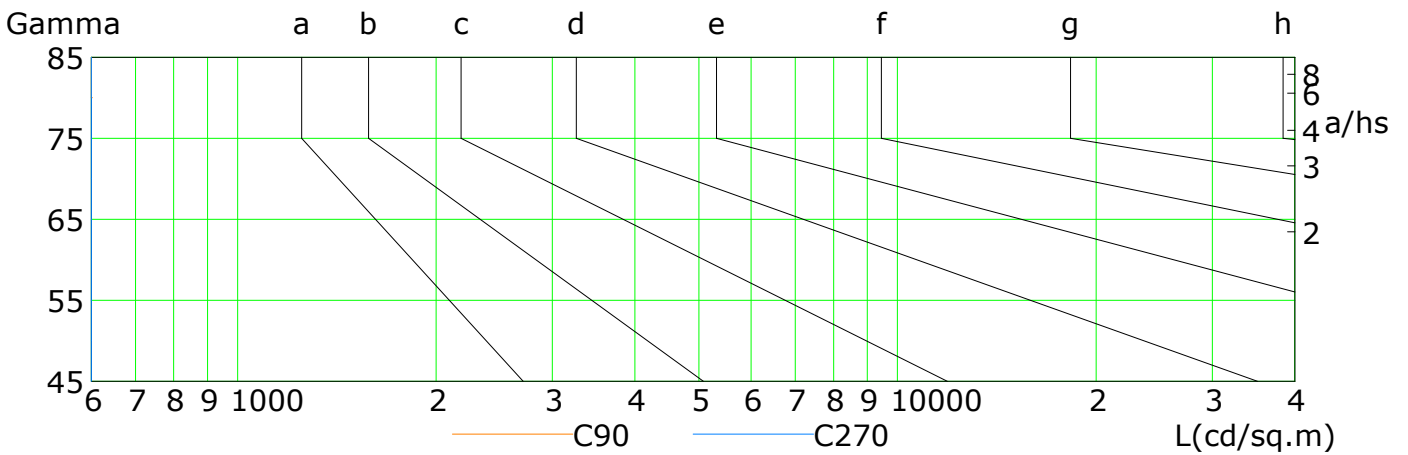
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 69 | 44 | 28 | 18 | 7 | 3 | 1 | 0 | 0 |
| C180 | 7 | 3 | 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

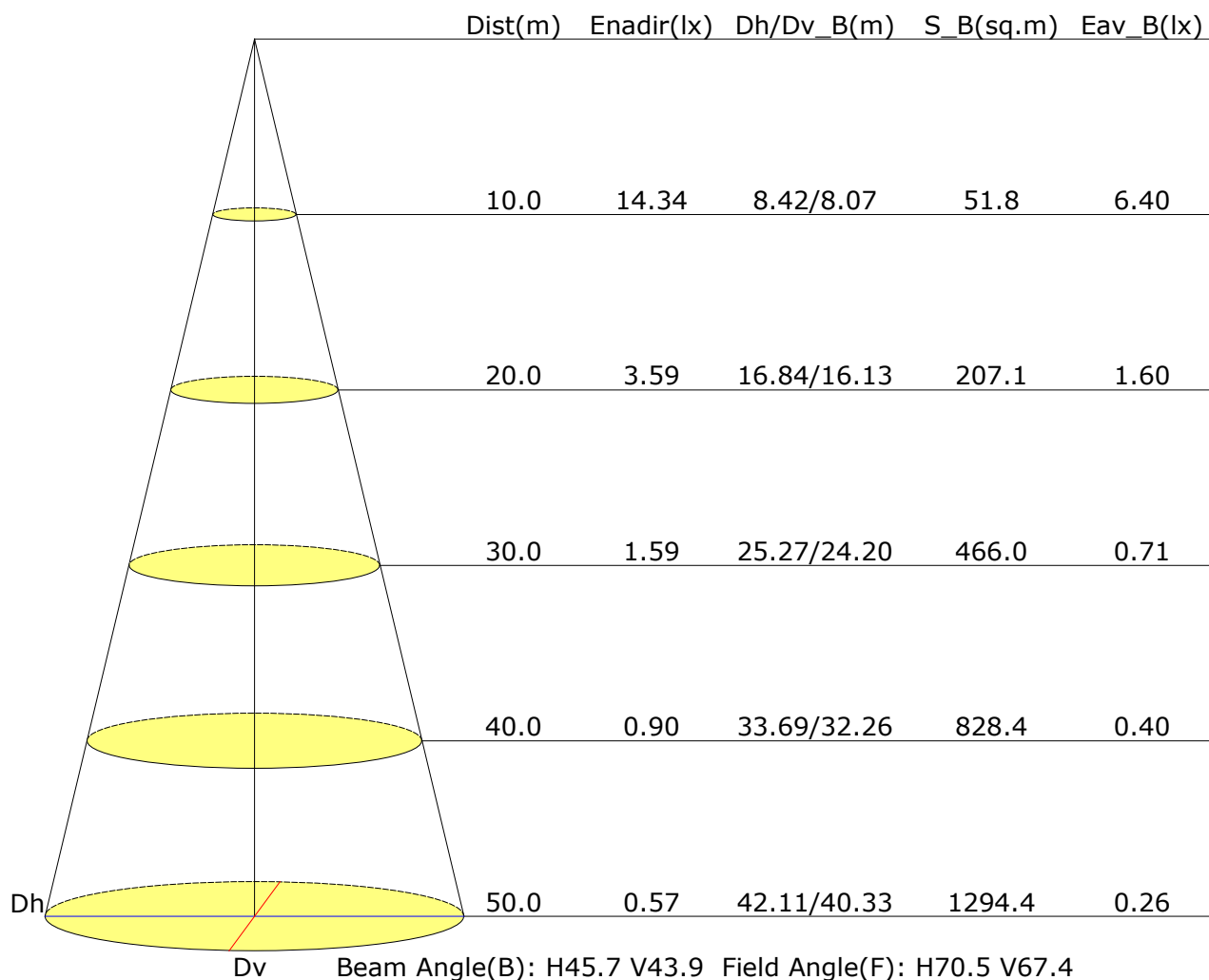
Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

Humidity:

Inspector:

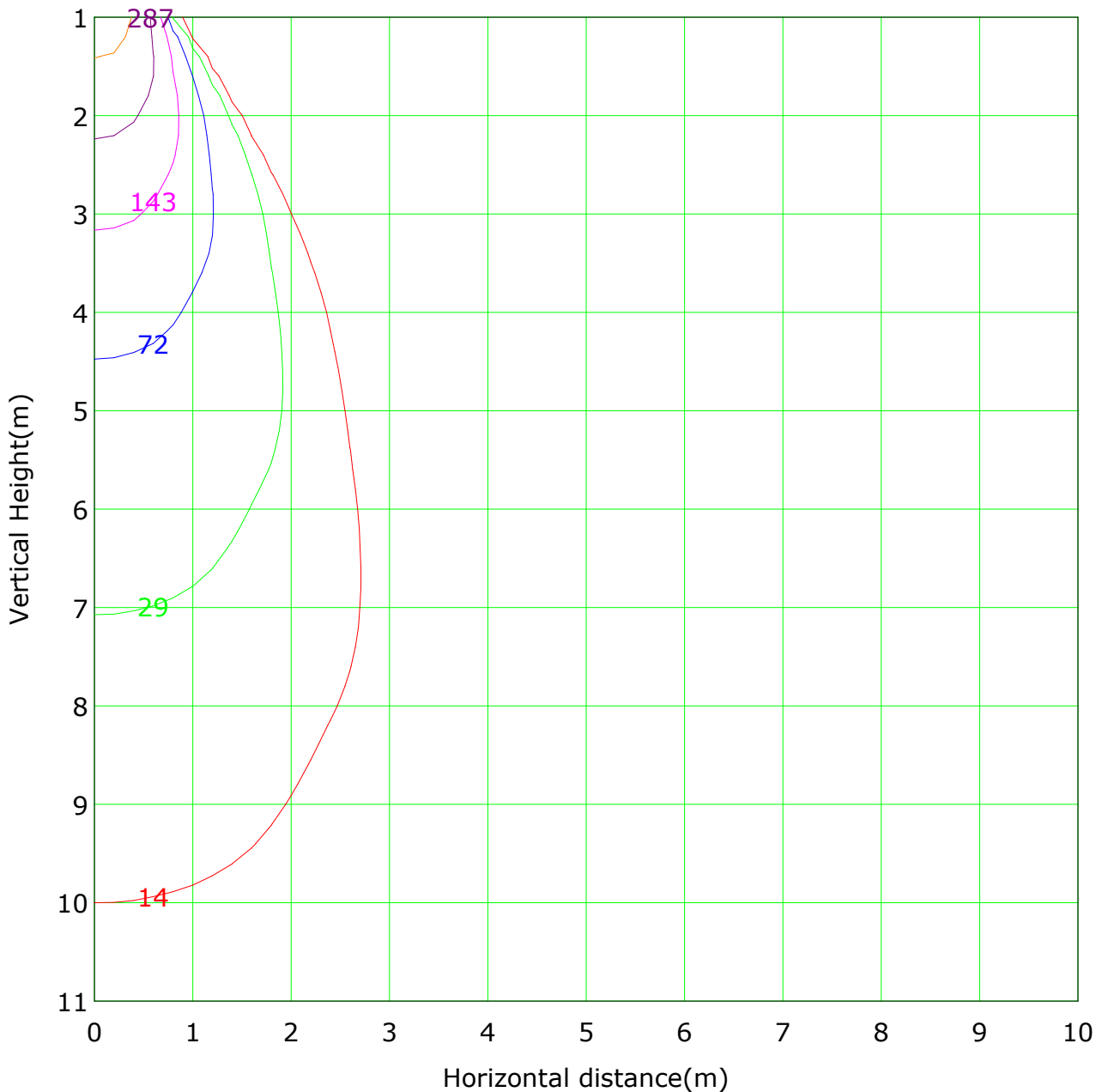
Illuminance at a Distance



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: 1434.4 lx

| | |
|--------------------|--------------------|
| — (1%): 14.3 lx | — (2%): 28.7 lx |
| — (5%): 71.7 lx | — (10%): 143.4 lx |
| — (20%): 286.9 lx | — (50%): 717.2 lx |
| — (100%):1434.4 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 |
| | -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 |
| | -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 |
| | -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 | 0.2 | 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 | 1.8 | 0.0 |
| | -40 | 9.1 | 17.1 | 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 | 64.6 | 1.8 |
| | -30 | 58.7 | 64.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 135.2 | 9.1 |
| | -20 | 129.6 | 135.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 185.5 | 58.7 |
| | -10 | 177.9 | 185.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 183.3 | 129.6 |
| | 0 | 177.9 | 183.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 129.4 | 177.9 |
| | 10 | 124.0 | 183.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 124.0 |
| | 20 | 54.3 | 129.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.1 | 54.3 |
| | 30 | 7.6 | 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 | 1.4 | 7.6 |
| | 40 | 0.0 | 15.1 | 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 | 0.1 | 0.0 |
| | 50 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 | 0.1 | 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 | 0.0 |
| | 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 |
| | 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 |
| 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 | |
| | | | | | | | | | | | | | | | | | | | | Flux(T) | Flux(E) | |
| | | | | | | | | | | | | | | | | | | | | 794 | 741 | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

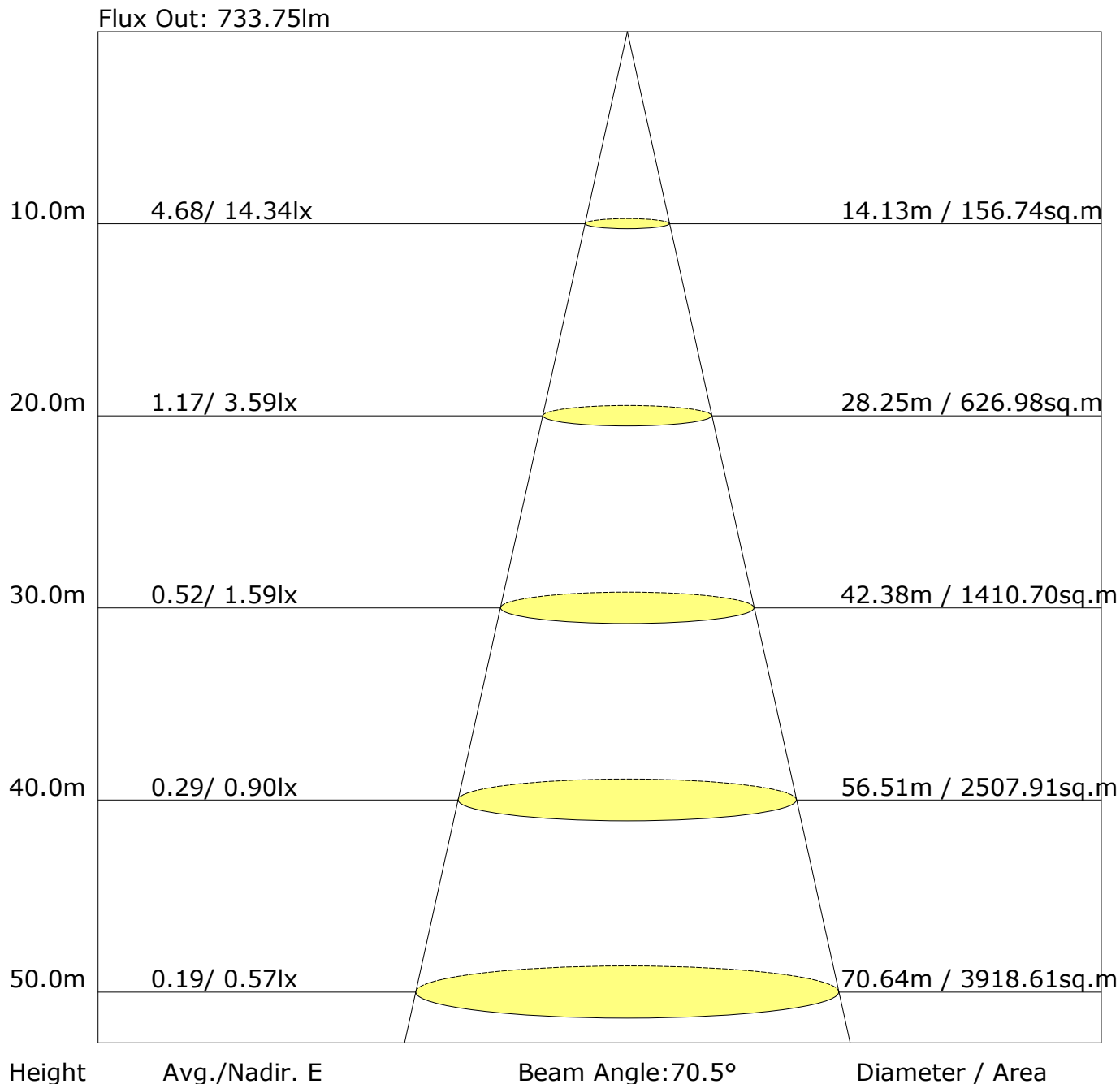
Test Device: GPM-1800B

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 796lm ($8\log(F/F_0) = -0.8$).

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 | 390 | 48.9 |
| | FL (0°-30°) | 331 | 41.5 |
| | FM (30°-60°) | 58 | 7.3 |
| | FH (60°-80°) | 1 | 0.1 |
| | FVH (80°-90°) | 0 | 0.0 |
| | BACK LIGHT | 405 | 50.8 |
| | BL (0°-30°) | 341 | 42.9 |
| | BM (30°-60°) | 62 | 7.8 |
| | BH (60°-80°) | 1 | 0.1 |
| | BVH (80°-90°) | 0 | 0.0 |
| | UP LIGHT | 2 | 0.3 |
| | UL (90°-100°) | 0 | 0.0 |
| | UH (100°-180°) | 2 | 0.3 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U1 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U1 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

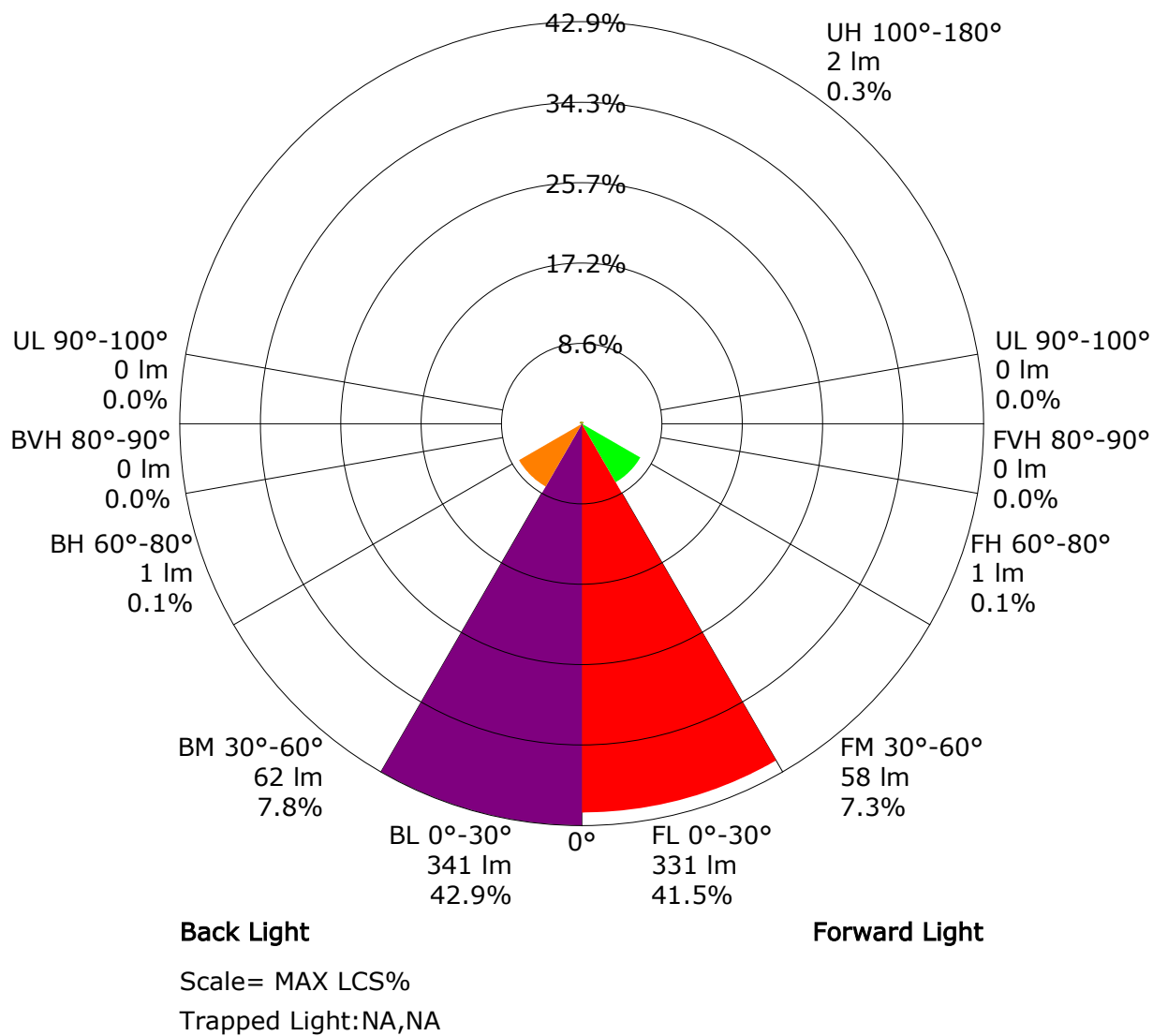
Test Device: GPM-1800B

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 | 0.90 | 0.96 | 0.99 | 1.02 | 1.05 | 1.08 | 1.09 | 1.11 | 1.13 | |
| | 0.30 | | 0.86 | 0.92 | 0.96 | 0.99 | 1.02 | 1.05 | 1.07 | 1.09 | 1.11 | |
| | 0.20 | | 0.83 | 0.89 | 0.93 | 0.96 | 1.00 | 1.03 | 1.05 | 1.07 | 1.09 | |
| 0.50 | 0.50 | 0.20 | 0.89 | 0.94 | 0.97 | 1.00 | 1.03 | 1.05 | 1.06 | 1.07 | 1.08 | |
| | 0.30 | | 0.85 | 0.91 | 0.94 | 0.97 | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | |
| | 0.20 | | 0.83 | 0.88 | 0.92 | 0.94 | 0.98 | 1.00 | 1.02 | 1.04 | 1.06 | |
| 0.30 | 0.50 | 0.20 | 0.88 | 0.93 | 0.95 | 0.97 | 1.00 | 1.02 | 1.03 | 1.04 | 1.05 | |
| | 0.30 | | 0.85 | 0.90 | 0.93 | 0.95 | 0.98 | 1.00 | 1.01 | 1.03 | 1.04 | |
| | 0.20 | | 0.82 | 0.87 | 0.91 | 0.93 | 0.96 | 0.98 | 1.00 | 1.02 | 1.03 | |
| 0.00 | 0.00 | 0.00 | 0.81 | 0.86 | 0.89 | 0.91 | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 | |
| <p>Rating:9W 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 | 0.52 | 0.41 | 0.35 | 0.30 | 0.24 | 0.20 | 0.17 | 0.13 | 0.10 | |
| | 0.30 | | 0.43 | 0.35 | 0.30 | 0.27 | 0.21 | 0.18 | 0.15 | 0.12 | 0.10 | |
| | 0.20 | | 0.37 | 0.31 | 0.27 | 0.24 | 0.19 | 0.17 | 0.14 | 0.11 | 0.10 | |
| 0.50 | 0.50 | 0.20 | 0.49 | 0.39 | 0.32 | 0.28 | 0.22 | 0.22 | 0.15 | 0.12 | 0.09 | |
| | 0.30 | | 0.41 | 0.34 | 0.29 | 0.25 | 0.20 | 0.17 | 0.14 | 0.11 | 0.09 | |
| | 0.20 | | 0.36 | 0.30 | 0.26 | 0.23 | 0.18 | 0.15 | 0.13 | 0.10 | 0.09 | |
| 0.30 | 0.50 | 0.20 | 0.47 | 0.36 | 0.30 | 0.26 | 0.20 | 0.16 | 0.14 | 0.10 | 0.09 | |
| | 0.30 | | 0.40 | 0.32 | 0.27 | 0.23 | 0.18 | 0.15 | 0.13 | 0.10 | 0.08 | |
| | 0.20 | | 0.35 | 0.29 | 0.25 | 0.21 | 0.17 | 0.14 | 0.12 | 0.10 | 0.08 | |
| 0.00 | 0.00 | 0.00 | 0.21 | 0.16 | 0.13 | 0.11 | 0.08 | 0.07 | 0.05 | 0.04 | 0.03 | |
| <p>Rating:9W 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 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 |
| | 0.30 | | 0.09 | 0.11 | 0.13 | 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 | 0.12 | 0.14 | 0.15 | 0.16 | 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 | | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 |
| 0.30 | 0.50 | 0.20 | 0.12 | 0.13 | 0.14 | 0.15 | 0.17 | 0.17 | 0.18 | 0.19 | 0.19 |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.18 |
| | 0.20 | | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <p>Rating:9W 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 | 1433.0 | 1.4 | 1.4 | 0.17 | 0.17 |
| 1.0-2.0 | 1431.5 | 4.1 | 5.5 | 0.52 | 0.69 |
| 2.0-3.0 | 1428.7 | 6.8 | 12.3 | 0.86 | 1.55 |
| 3.0-4.0 | 1423.1 | 9.5 | 21.8 | 1.20 | 2.74 |
| 4.0-5.0 | 1414.7 | 12.2 | 34.0 | 1.53 | 4.27 |
| 5.0-6.0 | 1402.7 | 14.7 | 48.8 | 1.85 | 6.12 |
| 6.0-7.0 | 1387.2 | 17.2 | 66.0 | 2.16 | 8.29 |
| 7.0-8.0 | 1368.9 | 19.6 | 85.6 | 2.46 | 10.75 |
| 8.0-9.0 | 1346.4 | 21.8 | 107.4 | 2.74 | 13.49 |
| 9.0-10.0 | 1319.1 | 23.9 | 131.3 | 3.00 | 16.49 |
| 10.0-11.0 | 1287.2 | 25.7 | 157.0 | 3.23 | 19.72 |
| 11.0-12.0 | 1251.4 | 27.4 | 184.4 | 3.44 | 23.15 |
| 12.0-13.0 | 1212.1 | 28.8 | 213.1 | 3.61 | 26.77 |
| 13.0-14.0 | 1168.5 | 29.9 | 243.0 | 3.76 | 30.52 |
| 14.0-15.0 | 1119.8 | 30.7 | 273.8 | 3.86 | 34.38 |
| 15.0-16.0 | 1067.4 | 31.3 | 305.1 | 3.93 | 38.31 |
| 16.0-17.0 | 1013.5 | 31.6 | 336.6 | 3.96 | 42.28 |
| 17.0-18.0 | 958.0 | 31.6 | 368.2 | 3.97 | 46.24 |
| 18.0-19.0 | 901.6 | 31.4 | 399.6 | 3.94 | 50.18 |
| 19.0-20.0 | 846.6 | 31.0 | 430.6 | 3.89 | 54.08 |
| 20.0-21.0 | 792.9 | 30.5 | 461.0 | 3.82 | 57.90 |
| 21.0-22.0 | 739.7 | 29.7 | 490.8 | 3.73 | 61.63 |
| 22.0-23.0 | 684.9 | 28.7 | 519.5 | 3.61 | 65.24 |
| 23.0-24.0 | 626.1 | 27.4 | 546.9 | 3.44 | 68.68 |
| 24.0-25.0 | 565.5 | 25.7 | 572.6 | 3.23 | 71.91 |
| 25.0-26.0 | 505.5 | 23.9 | 596.5 | 3.00 | 74.91 |
| 26.0-27.0 | 446.5 | 21.8 | 618.3 | 2.74 | 77.65 |
| 27.0-28.0 | 390.5 | 19.8 | 638.1 | 2.48 | 80.14 |
| 28.0-29.0 | 341.7 | 17.9 | 656.0 | 2.25 | 82.38 |
| 29.0-30.0 | 300.5 | 16.2 | 672.2 | 2.04 | 84.42 |
| 30.0-31.0 | 263.8 | 14.7 | 686.9 | 1.84 | 86.26 |
| 31.0-32.0 | 230.9 | 13.2 | 700.1 | 1.66 | 87.92 |
| 32.0-33.0 | 201.5 | 11.9 | 712.0 | 1.49 | 89.42 |
| 33.0-34.0 | 174.1 | 10.5 | 722.5 | 1.32 | 90.74 |
| 34.0-35.0 | 148.9 | 9.2 | 731.8 | 1.16 | 91.90 |
| 35.0-36.0 | 126.4 | 8.0 | 739.8 | 1.01 | 92.91 |

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 | 106.5 | 6.9 | 746.8 | 0.87 | 93.78 |
| 37.0-38.0 | 89.4 | 6.0 | 752.7 | 0.75 | 94.53 |
| 38.0-39.0 | 75.5 | 5.2 | 757.9 | 0.65 | 95.18 |
| 39.0-40.0 | 64.4 | 4.5 | 762.4 | 0.56 | 95.74 |
| 40.0-41.0 | 55.1 | 3.9 | 766.3 | 0.49 | 96.24 |
| 41.0-42.0 | 47.2 | 3.4 | 769.7 | 0.43 | 96.67 |
| 42.0-43.0 | 40.5 | 3.0 | 772.7 | 0.38 | 97.05 |
| 43.0-44.0 | 34.5 | 2.6 | 775.3 | 0.33 | 97.37 |
| 44.0-45.0 | 29.3 | 2.3 | 777.6 | 0.28 | 97.66 |
| 45.0-46.0 | 25.1 | 2.0 | 779.5 | 0.25 | 97.90 |
| 46.0-47.0 | 21.4 | 1.7 | 781.3 | 0.21 | 98.12 |
| 47.0-48.0 | 18.5 | 1.5 | 782.8 | 0.19 | 98.30 |
| 48.0-49.0 | 16.2 | 1.3 | 784.1 | 0.17 | 98.47 |
| 49.0-50.0 | 14.3 | 1.2 | 785.3 | 0.15 | 98.62 |
| 50.0-51.0 | 12.8 | 1.1 | 786.4 | 0.14 | 98.76 |
| 51.0-52.0 | 11.6 | 1.0 | 787.4 | 0.13 | 98.88 |
| 52.0-53.0 | 10.5 | 0.9 | 788.3 | 0.11 | 99.00 |
| 53.0-54.0 | 9.4 | 0.8 | 789.1 | 0.10 | 99.10 |
| 54.0-55.0 | 8.2 | 0.7 | 789.8 | 0.09 | 99.19 |
| 55.0-56.0 | 7.0 | 0.6 | 790.5 | 0.08 | 99.27 |
| 56.0-57.0 | 5.9 | 0.5 | 791.0 | 0.07 | 99.34 |
| 57.0-58.0 | 5.1 | 0.5 | 791.5 | 0.06 | 99.40 |
| 58.0-59.0 | 4.3 | 0.4 | 791.9 | 0.05 | 99.45 |
| 59.0-60.0 | 3.7 | 0.3 | 792.2 | 0.04 | 99.49 |
| 60.0-61.0 | 3.2 | 0.3 | 792.5 | 0.04 | 99.53 |
| 61.0-62.0 | 2.8 | 0.3 | 792.8 | 0.03 | 99.57 |
| 62.0-63.0 | 2.5 | 0.2 | 793.0 | 0.03 | 99.60 |
| 63.0-64.0 | 2.2 | 0.2 | 793.3 | 0.03 | 99.62 |
| 64.0-65.0 | 1.7 | 0.2 | 793.4 | 0.02 | 99.64 |
| 65.0-66.0 | 1.3 | 0.1 | 793.6 | 0.02 | 99.66 |
| 66.0-67.0 | 1.1 | 0.1 | 793.7 | 0.01 | 99.67 |
| 67.0-68.0 | 0.8 | 0.1 | 793.7 | 0.01 | 99.69 |
| 68.0-69.0 | 0.7 | 0.1 | 793.8 | 0.01 | 99.69 |
| 69.0-70.0 | 0.6 | 0.1 | 793.9 | 0.01 | 99.70 |
| 70.0-71.0 | 0.5 | 0.1 | 793.9 | 0.01 | 99.71 |
| 71.0-72.0 | 0.5 | 0.0 | 794.0 | 0.01 | 99.72 |

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 | 0.4 | 0.0 | 794.0 | 0.00 | 99.72 |
| 73.0-74.0 | 0.2 | 0.0 | 794.0 | 0.00 | 99.72 |
| 74.0-75.0 | 0.2 | 0.0 | 794.1 | 0.00 | 99.73 |
| 75.0-76.0 | 0.2 | 0.0 | 794.1 | 0.00 | 99.73 |
| 76.0-77.0 | 0.2 | 0.0 | 794.1 | 0.00 | 99.73 |
| 77.0-78.0 | 0.1 | 0.0 | 794.1 | 0.00 | 99.73 |
| 78.0-79.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 79.0-80.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 80.0-81.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 81.0-82.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 82.0-83.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 83.0-84.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 84.0-85.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 85.0-86.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 86.0-87.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 87.0-88.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 88.0-89.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 89.0-90.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 90.0-91.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 91.0-92.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 92.0-93.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 93.0-94.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 94.0-95.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 95.0-96.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 96.0-97.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 97.0-98.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 98.0-99.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 99.0-100.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 100.0-101.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 101.0-102.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 102.0-103.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 103.0-104.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 104.0-105.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 105.0-106.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 106.0-107.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 107.0-108.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |

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 | 794.1 | 0.00 | 99.73 |
| 109.0-110.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 110.0-111.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 111.0-112.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 112.0-113.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 113.0-114.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 114.0-115.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 115.0-116.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 116.0-117.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 117.0-118.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 118.0-119.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 119.0-120.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 120.0-121.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 121.0-122.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 122.0-123.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 123.0-124.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 124.0-125.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 125.0-126.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 126.0-127.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 127.0-128.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 128.0-129.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 129.0-130.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 130.0-131.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 131.0-132.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 132.0-133.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 133.0-134.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 134.0-135.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 135.0-136.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 136.0-137.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 137.0-138.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 138.0-139.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 139.0-140.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 140.0-141.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 141.0-142.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 142.0-143.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |
| 143.0-144.0 | 0.0 | 0.0 | 794.1 | 0.00 | 99.73 |

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 | 0.1 | 0.0 | 794.1 | 0.00 | 99.73 |
| 145.0-146.0 | 0.3 | 0.0 | 794.1 | 0.00 | 99.74 |
| 146.0-147.0 | 0.5 | 0.0 | 794.2 | 0.00 | 99.74 |
| 147.0-148.0 | 0.6 | 0.0 | 794.2 | 0.00 | 99.74 |
| 148.0-149.0 | 0.7 | 0.0 | 794.3 | 0.01 | 99.75 |
| 149.0-150.0 | 0.8 | 0.0 | 794.3 | 0.01 | 99.76 |
| 150.0-151.0 | 1.1 | 0.1 | 794.4 | 0.01 | 99.76 |
| 151.0-152.0 | 1.3 | 0.1 | 794.4 | 0.01 | 99.77 |
| 152.0-153.0 | 1.5 | 0.1 | 794.5 | 0.01 | 99.78 |
| 153.0-154.0 | 1.6 | 0.1 | 794.6 | 0.01 | 99.79 |
| 154.0-155.0 | 1.8 | 0.1 | 794.7 | 0.01 | 99.80 |
| 155.0-156.0 | 1.9 | 0.1 | 794.8 | 0.01 | 99.81 |
| 156.0-157.0 | 2.0 | 0.1 | 794.8 | 0.01 | 99.82 |
| 157.0-158.0 | 2.1 | 0.1 | 794.9 | 0.01 | 99.83 |
| 158.0-159.0 | 2.2 | 0.1 | 795.0 | 0.01 | 99.85 |
| 159.0-160.0 | 2.3 | 0.1 | 795.1 | 0.01 | 99.86 |
| 160.0-161.0 | 2.4 | 0.1 | 795.2 | 0.01 | 99.87 |
| 161.0-162.0 | 2.5 | 0.1 | 795.3 | 0.01 | 99.88 |
| 162.0-163.0 | 2.7 | 0.1 | 795.4 | 0.01 | 99.89 |
| 163.0-164.0 | 2.8 | 0.1 | 795.5 | 0.01 | 99.90 |
| 164.0-165.0 | 2.8 | 0.1 | 795.5 | 0.01 | 99.91 |
| 165.0-166.0 | 2.9 | 0.1 | 795.6 | 0.01 | 99.92 |
| 166.0-167.0 | 3.1 | 0.1 | 795.7 | 0.01 | 99.93 |
| 167.0-168.0 | 3.2 | 0.1 | 795.8 | 0.01 | 99.94 |
| 168.0-169.0 | 3.2 | 0.1 | 795.8 | 0.01 | 99.95 |
| 169.0-170.0 | 3.3 | 0.1 | 795.9 | 0.01 | 99.96 |
| 170.0-171.0 | 3.4 | 0.1 | 796.0 | 0.01 | 99.96 |
| 171.0-172.0 | 3.4 | 0.1 | 796.0 | 0.01 | 99.97 |
| 172.0-173.0 | 3.5 | 0.1 | 796.1 | 0.01 | 99.98 |
| 173.0-174.0 | 3.6 | 0.0 | 796.1 | 0.01 | 99.98 |
| 174.0-175.0 | 3.6 | 0.0 | 796.2 | 0.00 | 99.99 |
| 175.0-176.0 | 3.7 | 0.0 | 796.2 | 0.00 | 99.99 |
| 176.0-177.0 | 3.8 | 0.0 | 796.2 | 0.00 | 100.00 |
| 177.0-178.0 | 3.8 | 0.0 | 796.2 | 0.00 | 100.00 |
| 178.0-179.0 | 3.9 | 0.0 | 796.3 | 0.00 | 100.00 |
| 179.0-180.0 | 3.9 | 0.0 | 796.3 | 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°): 777.59 lm

%lum = 97.7%

%lamp = 97.7%

cone flux(120°): 792.22 lm

%lum = 99.5%

%lamp = 99.5%

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

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 | 1434.4 | 1434.2 | 1432.4 | 1434.2 | 1433.2 | 1433.3 | 1434.4 | 1434.2 | 1432.4 | 1434.2 |
| G1.0 | 1435.0 | 1432.0 | 1428.5 | 1430.6 | 1433.7 | 1431.2 | 1433.5 | 1433.9 | 1433.4 | 1433.2 |
| G2.0 | 1432.9 | 1430.0 | 1428.5 | 1427.5 | 1430.0 | 1425.4 | 1434.0 | 1432.4 | 1432.6 | 1431.8 |
| G3.0 | 1425.2 | 1425.5 | 1424.4 | 1424.7 | 1423.2 | 1422.6 | 1427.0 | 1431.1 | 1432.2 | 1429.7 |
| G4.0 | 1418.2 | 1416.2 | 1418.3 | 1420.3 | 1418.1 | 1417.5 | 1420.6 | 1423.7 | 1424.6 | 1421.0 |
| G5.0 | 1408.3 | 1405.0 | 1409.5 | 1409.0 | 1411.2 | 1408.8 | 1409.2 | 1412.6 | 1413.8 | 1411.3 |
| G6.0 | 1396.3 | 1390.1 | 1395.2 | 1394.0 | 1395.6 | 1396.9 | 1393.3 | 1399.9 | 1400.6 | 1398.3 |
| G7.0 | 1378.5 | 1374.0 | 1379.0 | 1377.0 | 1380.0 | 1382.1 | 1376.9 | 1387.6 | 1382.7 | 1380.1 |
| G8.0 | 1359.9 | 1353.1 | 1360.4 | 1362.9 | 1366.6 | 1364.7 | 1356.3 | 1363.9 | 1362.9 | 1352.7 |
| G9.0 | 1333.7 | 1325.4 | 1339.3 | 1330.9 | 1343.5 | 1343.8 | 1336.3 | 1336.4 | 1333.4 | 1331.8 |
| G10.0 | 1304.9 | 1296.0 | 1306.0 | 1307.9 | 1321.0 | 1320.6 | 1308.7 | 1307.3 | 1301.3 | 1296.0 |
| G11.0 | 1266.5 | 1263.1 | 1273.9 | 1274.5 | 1289.9 | 1290.2 | 1278.7 | 1272.3 | 1262.1 | 1256.6 |
| G12.0 | 1224.5 | 1226.2 | 1239.7 | 1245.1 | 1259.5 | 1257.9 | 1240.4 | 1235.2 | 1223.1 | 1215.7 |
| G13.0 | 1181.5 | 1181.8 | 1197.4 | 1210.3 | 1223.5 | 1218.6 | 1201.1 | 1194.5 | 1180.7 | 1171.9 |
| G14.0 | 1138.3 | 1139.9 | 1157.2 | 1172.4 | 1185.1 | 1178.7 | 1161.6 | 1154.1 | 1128.4 | 1116.9 |
| G15.0 | 1091.4 | 1095.8 | 1113.3 | 1128.1 | 1143.1 | 1135.4 | 1119.5 | 1102.9 | 1062.4 | 1042.1 |
| G16.0 | 1049.9 | 1050.7 | 1062.9 | 1088.7 | 1090.5 | 1090.6 | 1075.3 | 1053.1 | 993.9 | 977.8 |
| G17.0 | 1012.4 | 1003.8 | 1016.6 | 1047.4 | 1044.6 | 1043.4 | 1034.8 | 993.3 | 925.0 | 906.5 |
| G18.0 | 971.5 | 960.5 | 966.4 | 1008.0 | 995.5 | 994.6 | 994.0 | 931.9 | 849.1 | 833.5 |
| G19.0 | 925.0 | 910.5 | 923.9 | 964.7 | 945.1 | 942.6 | 954.4 | 862.9 | 773.9 | 759.1 |
| G20.0 | 874.2 | 864.7 | 877.8 | 924.8 | 891.7 | 898.0 | 904.5 | 799.2 | 707.6 | 702.4 |
| G21.0 | 815.1 | 821.8 | 835.7 | 881.3 | 843.3 | 849.4 | 846.4 | 723.2 | 655.5 | 647.8 |
| G22.0 | 750.2 | 774.1 | 789.7 | 833.2 | 797.0 | 802.1 | 787.7 | 664.3 | 598.8 | 595.0 |
| G23.0 | 687.0 | 726.3 | 742.3 | 779.7 | 753.1 | 754.0 | 727.1 | 603.1 | 543.8 | 518.3 |
| G24.0 | 619.1 | 680.0 | 690.1 | 726.6 | 702.3 | 702.7 | 665.0 | 547.4 | 473.8 | 430.4 |
| G25.0 | 555.2 | 623.6 | 645.0 | 675.4 | 655.0 | 647.7 | 600.9 | 497.6 | 390.3 | 352.9 |
| G26.0 | 501.4 | 572.0 | 594.5 | 616.5 | 606.4 | 596.9 | 538.0 | 453.1 | 318.3 | 273.6 |
| G27.0 | 448.0 | 521.8 | 544.3 | 566.3 | 559.3 | 547.3 | 476.7 | 390.1 | 248.5 | 195.2 |
| G28.0 | 404.0 | 473.3 | 493.4 | 507.8 | 505.4 | 494.2 | 426.7 | 324.9 | 183.8 | 147.1 |
| G29.0 | 363.0 | 428.8 | 449.3 | 458.6 | 459.2 | 445.8 | 381.3 | 259.3 | 141.9 | 119.9 |
| G30.0 | 328.1 | 387.9 | 408.1 | 414.0 | 416.1 | 398.2 | 338.1 | 206.9 | 116.8 | 101.0 |
| G31.0 | 292.5 | 346.0 | 366.8 | 368.9 | 376.9 | 358.4 | 305.5 | 160.2 | 95.5 | 83.9 |
| G32.0 | 253.9 | 309.7 | 331.3 | 332.2 | 336.1 | 319.7 | 274.8 | 119.4 | 76.9 | 68.3 |
| G33.0 | 217.3 | 277.0 | 299.1 | 298.4 | 303.5 | 285.9 | 242.6 | 87.8 | 59.6 | 51.4 |
| G34.0 | 175.9 | 245.1 | 269.9 | 266.2 | 272.7 | 251.0 | 202.9 | 67.7 | 45.3 | 37.2 |
| G35.0 | 137.9 | 218.1 | 239.8 | 239.8 | 242.2 | 223.1 | 166.0 | 54.2 | 32.0 | 23.8 |
| G36.0 | 103.2 | 194.9 | 215.3 | 214.8 | 216.8 | 198.7 | 129.6 | 41.3 | 20.2 | 10.8 |

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 | 73.0 | 174.0 | 192.5 | 192.0 | 192.1 | 176.8 | 95.6 | 30.8 | 9.9 | 3.8 |
| G38.0 | 49.4 | 152.9 | 170.9 | 168.1 | 170.6 | 155.8 | 67.9 | 22.9 | 4.1 | 0.0 |
| G39.0 | 35.9 | 136.2 | 150.9 | 147.6 | 151.5 | 139.2 | 44.0 | 15.0 | 0.9 | 0.0 |
| G40.0 | 26.7 | 120.8 | 130.8 | 129.9 | 132.7 | 124.7 | 29.3 | 10.4 | 0.0 | 0.0 |
| G41.0 | 20.5 | 103.8 | 115.3 | 113.4 | 115.3 | 111.6 | 19.9 | 6.9 | 0.0 | 0.0 |
| G42.0 | 15.1 | 86.8 | 101.5 | 99.1 | 101.9 | 98.6 | 14.9 | 4.3 | 0.0 | 0.0 |
| G43.0 | 11.4 | 70.3 | 89.7 | 87.4 | 89.9 | 85.6 | 11.2 | 2.5 | 0.0 | 0.0 |
| G44.0 | 8.5 | 54.9 | 78.2 | 77.0 | 79.4 | 71.4 | 8.7 | 1.4 | 0.0 | 0.0 |
| G45.0 | 6.6 | 41.9 | 69.8 | 69.1 | 71.9 | 58.4 | 6.8 | 0.0 | 0.0 | 0.0 |
| G46.0 | 5.0 | 30.2 | 62.7 | 61.8 | 64.8 | 47.1 | 5.6 | 0.0 | 0.0 | 0.0 |
| G47.0 | 4.0 | 20.4 | 56.1 | 56.7 | 59.2 | 36.8 | 4.5 | 0.0 | 0.0 | 0.0 |
| G48.0 | 3.2 | 14.7 | 51.2 | 52.1 | 54.4 | 27.2 | 4.0 | 0.0 | 0.0 | 0.0 |
| G49.0 | 2.5 | 11.8 | 46.8 | 48.0 | 50.3 | 19.4 | 3.3 | 0.0 | 0.0 | 0.0 |
| G50.0 | 2.0 | 10.3 | 42.4 | 44.3 | 46.0 | 14.1 | 2.7 | 0.0 | 0.0 | 0.0 |
| G51.0 | 1.5 | 8.8 | 38.7 | 40.7 | 42.7 | 11.5 | 2.4 | 0.0 | 0.0 | 0.0 |
| G52.0 | 1.1 | 7.4 | 35.3 | 37.3 | 39.4 | 10.0 | 1.9 | 0.0 | 0.0 | 0.0 |
| G53.0 | 0.0 | 6.5 | 32.1 | 34.2 | 35.8 | 8.5 | 1.5 | 0.0 | 0.0 | 0.0 |
| G54.0 | 0.9 | 5.3 | 27.1 | 31.5 | 32.8 | 7.0 | 1.4 | 0.0 | 0.0 | 0.0 |
| G55.0 | 0.0 | 4.1 | 22.9 | 28.3 | 30.1 | 5.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G56.0 | 0.0 | 3.5 | 18.4 | 25.9 | 24.8 | 4.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| G57.0 | 0.0 | 3.1 | 14.6 | 23.8 | 20.5 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| G58.0 | 0.0 | 2.7 | 11.7 | 21.5 | 17.1 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| G59.0 | 0.0 | 2.4 | 9.3 | 19.8 | 13.9 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| G60.0 | 0.0 | 2.0 | 7.5 | 18.1 | 10.6 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| G61.0 | 0.0 | 1.8 | 6.5 | 16.7 | 8.7 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| G62.0 | 0.0 | 1.6 | 5.7 | 15.4 | 7.3 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| G63.0 | 0.0 | 1.4 | 4.9 | 13.9 | 6.4 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| G64.0 | 0.0 | 1.4 | 4.0 | 11.8 | 5.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| G65.0 | 0.0 | 1.2 | 3.3 | 7.3 | 4.6 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| G66.0 | 0.0 | 1.0 | 2.6 | 6.0 | 3.7 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| G67.0 | 0.0 | 0.0 | 2.1 | 5.1 | 3.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G68.0 | 0.0 | 0.0 | 1.8 | 4.5 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G69.0 | 0.0 | 0.0 | 1.7 | 4.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G70.0 | 0.0 | 0.0 | 1.5 | 3.5 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G71.0 | 0.0 | 0.0 | 1.4 | 3.1 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G72.0 | 0.0 | 0.0 | 1.3 | 2.5 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G73.0 | 0.0 | 0.0 | 0.0 | 1.9 | 1.4 | 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 | 1.4 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G75.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G76.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G77.0 | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 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 | 0.9 | 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 | 1.0 | 1.0 |
| G146.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.2 | 1.0 |
| G147.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.3 | 1.4 | 1.2 |

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 | 1.2 | 1.3 | 1.4 | 1.3 |
| G149.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 1.5 | 1.4 | 1.4 |
| G150.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.4 | 1.4 | 1.7 | 1.5 |
| G151.0 | 1.3 | 1.0 | 1.0 | 0.0 | 0.9 | 1.3 | 1.5 | 1.6 | 1.6 | 1.6 |
| G152.0 | 1.4 | 1.1 | 1.1 | 0.0 | 1.1 | 1.4 | 1.7 | 1.8 | 1.7 | 1.7 |
| G153.0 | 1.4 | 1.3 | 1.2 | 1.0 | 1.4 | 1.4 | 1.6 | 2.0 | 2.1 | 1.8 |
| G154.0 | 1.7 | 1.4 | 1.2 | 1.2 | 1.4 | 1.5 | 1.8 | 2.0 | 2.3 | 2.2 |
| G155.0 | 1.7 | 1.6 | 1.4 | 1.2 | 1.4 | 1.6 | 1.9 | 2.0 | 2.4 | 2.3 |
| G156.0 | 2.0 | 1.9 | 1.4 | 1.2 | 1.5 | 1.6 | 2.1 | 2.3 | 2.4 | 2.4 |
| G157.0 | 2.0 | 1.9 | 1.7 | 1.4 | 1.8 | 1.9 | 2.1 | 2.3 | 2.5 | 2.5 |
| G158.0 | 2.2 | 2.0 | 1.6 | 1.5 | 1.9 | 1.8 | 2.3 | 2.4 | 2.7 | 2.5 |
| G159.0 | 2.2 | 1.9 | 1.8 | 1.6 | 2.1 | 2.0 | 2.4 | 2.6 | 2.7 | 2.6 |
| G160.0 | 2.3 | 2.1 | 1.9 | 1.7 | 2.0 | 2.0 | 2.6 | 2.8 | 3.0 | 2.8 |
| G161.0 | 2.4 | 2.0 | 2.1 | 1.8 | 2.2 | 2.2 | 2.6 | 2.9 | 3.1 | 3.1 |
| G162.0 | 2.6 | 2.4 | 2.2 | 1.9 | 2.5 | 2.3 | 2.6 | 2.7 | 3.0 | 2.9 |
| G163.0 | 2.7 | 2.7 | 2.3 | 2.0 | 2.5 | 2.5 | 2.9 | 2.9 | 3.1 | 3.0 |
| G164.0 | 3.0 | 2.7 | 2.5 | 2.2 | 2.6 | 2.5 | 2.8 | 2.9 | 3.2 | 3.2 |
| G165.0 | 3.0 | 2.7 | 2.5 | 2.3 | 2.7 | 2.6 | 2.8 | 3.1 | 3.4 | 3.1 |
| G166.0 | 3.0 | 2.8 | 2.6 | 2.4 | 2.7 | 2.7 | 3.0 | 3.1 | 3.6 | 3.4 |
| G167.0 | 3.0 | 3.0 | 2.6 | 2.7 | 2.9 | 3.1 | 3.2 | 3.1 | 3.6 | 3.4 |
| G168.0 | 3.2 | 3.0 | 2.8 | 2.7 | 3.0 | 3.1 | 3.1 | 3.2 | 3.6 | 3.5 |
| G169.0 | 3.3 | 3.0 | 2.8 | 2.9 | 3.0 | 3.2 | 3.2 | 3.2 | 3.9 | 3.3 |
| G170.0 | 3.3 | 3.1 | 3.0 | 2.9 | 3.3 | 3.2 | 3.3 | 3.4 | 4.0 | 3.5 |
| G171.0 | 3.3 | 3.3 | 3.1 | 2.8 | 3.3 | 3.3 | 3.3 | 3.4 | 4.0 | 3.5 |
| G172.0 | 3.3 | 3.5 | 3.1 | 2.9 | 3.3 | 3.5 | 3.4 | 3.6 | 4.0 | 3.6 |
| G173.0 | 3.4 | 3.4 | 3.3 | 3.1 | 3.4 | 3.6 | 3.5 | 3.6 | 4.2 | 3.6 |
| G174.0 | 3.6 | 3.4 | 3.4 | 3.2 | 3.7 | 3.5 | 3.6 | 3.6 | 4.0 | 3.9 |
| G175.0 | 3.5 | 3.5 | 3.4 | 3.3 | 3.7 | 3.6 | 3.6 | 3.6 | 4.3 | 3.8 |
| G176.0 | 3.7 | 3.7 | 3.6 | 3.4 | 4.0 | 3.9 | 3.7 | 3.7 | 3.9 | 3.7 |
| G177.0 | 3.8 | 3.6 | 3.5 | 3.5 | 4.0 | 3.8 | 3.7 | 3.7 | 4.0 | 3.9 |
| G178.0 | 3.8 | 3.7 | 3.6 | 3.6 | 4.0 | 3.9 | 3.8 | 3.8 | 4.0 | 3.8 |
| G179.0 | 3.6 | 4.0 | 3.7 | 3.7 | 4.0 | 3.9 | 4.0 | 3.8 | 4.2 | 3.9 |
| G180.0 | 3.7 | 4.1 | 4.0 | 3.9 | 4.1 | 3.9 | 3.8 | 3.8 | 4.2 | 4.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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 | 1433.2 | 1433.3 | 1434.4 | | | | | | | |
| G1.0 | 1430.1 | 1433.1 | 1435.0 | | | | | | | |
| G2.0 | 1431.3 | 1431.2 | 1432.9 | | | | | | | |
| G3.0 | 1427.0 | 1427.6 | 1425.2 | | | | | | | |
| G4.0 | 1417.5 | 1418.6 | 1418.2 | | | | | | | |
| G5.0 | 1411.3 | 1407.7 | 1408.3 | | | | | | | |
| G6.0 | 1393.9 | 1393.0 | 1396.3 | | | | | | | |
| G7.0 | 1372.2 | 1376.0 | 1378.5 | | | | | | | |
| G8.0 | 1352.2 | 1352.7 | 1359.9 | | | | | | | |
| G9.0 | 1324.5 | 1326.0 | 1333.7 | | | | | | | |
| G10.0 | 1291.0 | 1293.6 | 1304.9 | | | | | | | |
| G11.0 | 1254.9 | 1255.3 | 1266.5 | | | | | | | |
| G12.0 | 1217.4 | 1209.8 | 1224.5 | | | | | | | |
| G13.0 | 1169.2 | 1165.5 | 1181.5 | | | | | | | |
| G14.0 | 1102.6 | 1113.6 | 1138.3 | | | | | | | |
| G15.0 | 1031.7 | 1060.7 | 1091.4 | | | | | | | |
| G16.0 | 960.6 | 996.4 | 1049.9 | | | | | | | |
| G17.0 | 885.5 | 920.7 | 1012.4 | | | | | | | |
| G18.0 | 801.2 | 851.3 | 971.5 | | | | | | | |
| G19.0 | 735.5 | 782.8 | 925.0 | | | | | | | |
| G20.0 | 675.4 | 717.3 | 874.2 | | | | | | | |
| G21.0 | 620.4 | 653.3 | 815.1 | | | | | | | |
| G22.0 | 567.1 | 601.6 | 750.2 | | | | | | | |
| G23.0 | 490.9 | 550.7 | 687.0 | | | | | | | |
| G24.0 | 409.7 | 503.0 | 619.1 | | | | | | | |
| G25.0 | 333.0 | 445.7 | 555.2 | | | | | | | |
| G26.0 | 259.1 | 380.6 | 501.4 | | | | | | | |
| G27.0 | 197.3 | 310.1 | 448.0 | | | | | | | |
| G28.0 | 156.3 | 249.2 | 404.0 | | | | | | | |
| G29.0 | 129.5 | 198.7 | 363.0 | | | | | | | |
| G30.0 | 109.2 | 151.1 | 328.1 | | | | | | | |
| G31.0 | 87.6 | 114.5 | 292.5 | | | | | | | |
| G32.0 | 70.9 | 91.8 | 253.9 | | | | | | | |
| G33.0 | 55.2 | 72.5 | 217.3 | | | | | | | |
| G34.0 | 38.6 | 55.8 | 175.9 | | | | | | | |
| G35.0 | 25.1 | 42.5 | 137.9 | | | | | | | |
| G36.0 | 11.6 | 31.9 | 103.2 | | | | | | | |

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 | 2.8 | 23.5 | 73.0 | | | | | | |
| G38.0 | 0.0 | 16.8 | 49.4 | | | | | | |
| G39.0 | 0.0 | 11.9 | 35.9 | | | | | | |
| G40.0 | 0.0 | 7.3 | 26.7 | | | | | | |
| G41.0 | 0.0 | 3.8 | 20.5 | | | | | | |
| G42.0 | 0.0 | 1.5 | 15.1 | | | | | | |
| G43.0 | 0.0 | 0.0 | 11.4 | | | | | | |
| G44.0 | 0.0 | 0.0 | 8.5 | | | | | | |
| G45.0 | 0.0 | 0.0 | 6.6 | | | | | | |
| G46.0 | 0.0 | 0.0 | 5.0 | | | | | | |
| G47.0 | 0.0 | 0.0 | 4.0 | | | | | | |
| G48.0 | 0.0 | 0.0 | 3.2 | | | | | | |
| G49.0 | 0.0 | 0.0 | 2.5 | | | | | | |
| G50.0 | 0.0 | 0.0 | 2.0 | | | | | | |
| G51.0 | 0.0 | 0.0 | 1.5 | | | | | | |
| G52.0 | 0.0 | 0.0 | 1.1 | | | | | | |
| G53.0 | 0.0 | 0.0 | 0.0 | | | | | | |
| G54.0 | 0.0 | 0.0 | 0.9 | | | | | | |
| 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 | 0.9 | 0.0 | | | | | | | |
| G146.0 | 1.0 | 1.1 | 0.0 | | | | | | | |
| G147.0 | 1.3 | 1.3 | 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 | 1.3 | 1.3 | 0.0 | | | | | | | |
| G149.0 | 1.4 | 1.4 | 1.0 | | | | | | | |
| G150.0 | 1.4 | 1.5 | 1.1 | | | | | | | |
| G151.0 | 1.5 | 1.6 | 1.3 | | | | | | | |
| G152.0 | 1.9 | 1.8 | 1.4 | | | | | | | |
| G153.0 | 1.8 | 1.9 | 1.4 | | | | | | | |
| G154.0 | 2.0 | 2.0 | 1.7 | | | | | | | |
| G155.0 | 2.1 | 2.1 | 1.7 | | | | | | | |
| G156.0 | 2.3 | 2.3 | 2.0 | | | | | | | |
| G157.0 | 2.3 | 2.4 | 2.0 | | | | | | | |
| G158.0 | 2.5 | 2.5 | 2.2 | | | | | | | |
| G159.0 | 2.5 | 2.7 | 2.2 | | | | | | | |
| G160.0 | 2.7 | 2.7 | 2.3 | | | | | | | |
| G161.0 | 2.7 | 2.7 | 2.4 | | | | | | | |
| G162.0 | 2.9 | 2.9 | 2.6 | | | | | | | |
| G163.0 | 3.1 | 3.0 | 2.7 | | | | | | | |
| G164.0 | 3.1 | 3.1 | 3.0 | | | | | | | |
| G165.0 | 3.2 | 3.2 | 3.0 | | | | | | | |
| G166.0 | 3.2 | 3.2 | 3.0 | | | | | | | |
| G167.0 | 3.4 | 3.5 | 3.0 | | | | | | | |
| G168.0 | 3.5 | 3.5 | 3.2 | | | | | | | |
| G169.0 | 3.6 | 3.5 | 3.3 | | | | | | | |
| G170.0 | 3.6 | 3.7 | 3.3 | | | | | | | |
| G171.0 | 3.4 | 3.9 | 3.3 | | | | | | | |
| G172.0 | 3.5 | 3.9 | 3.3 | | | | | | | |
| G173.0 | 3.6 | 4.0 | 3.4 | | | | | | | |
| G174.0 | 3.7 | 4.1 | 3.6 | | | | | | | |
| G175.0 | 3.7 | 4.0 | 3.5 | | | | | | | |
| G176.0 | 3.8 | 4.0 | 3.7 | | | | | | | |
| G177.0 | 3.8 | 4.0 | 3.8 | | | | | | | |
| G178.0 | 3.8 | 4.1 | 3.8 | | | | | | | |
| G179.0 | 3.9 | 4.0 | 3.6 | | | | | | | |
| G180.0 | 4.0 | 4.1 | 3.7 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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: