

Report No.:

Test Time: 2024-9-6 16:08

Luminaire Property

Luminaire Manufacturer: NORDECOR
Luminaire Category: SPOTLIGHT
Lamp Catalog: LED
Number of Lamps: 1
Luminous Length (mm): -13
Luminous Height (mm):
Current: 0.015 A
Power Factor: 0.423

Luminaire Description: 6531
Lamp Description: TX3535
Lumens per Lamp: 90
Luminous Width (mm): -13
Voltage: 221.1 V
Power: 1.39 W

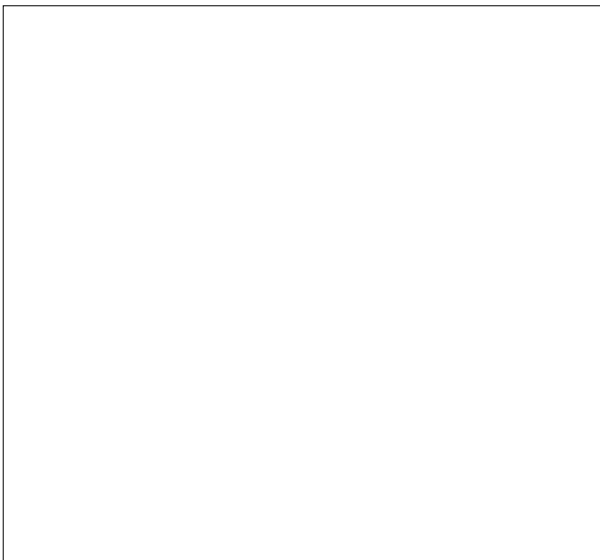
Photometric Results

CIE Class: Direct
Measurement Flux: 78.58 lm
Downward Ratio: 78.58%
Horizontal Diffuse Angle(50%): H33.7
Vertical Diffuse Angle(50%): V33.7
Luminaire Efficacy Rating (LER): 49.63
Max. Intensity: 169.09 cd
S/MH(C0/C180): 0.55

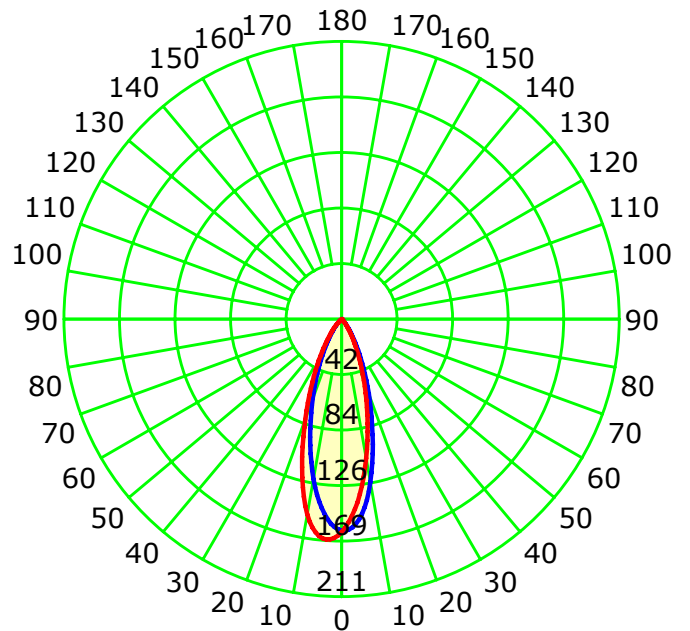
Total Rated Lamp Lumens: 100.0 lm
Efficiency: 78.58%
Upward Ratio: 0.00%

C0r0 Intensity: 161.01 cd
Pos of Max. Intensity: H300 V3
S/MH(C90/C270): 0.57

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

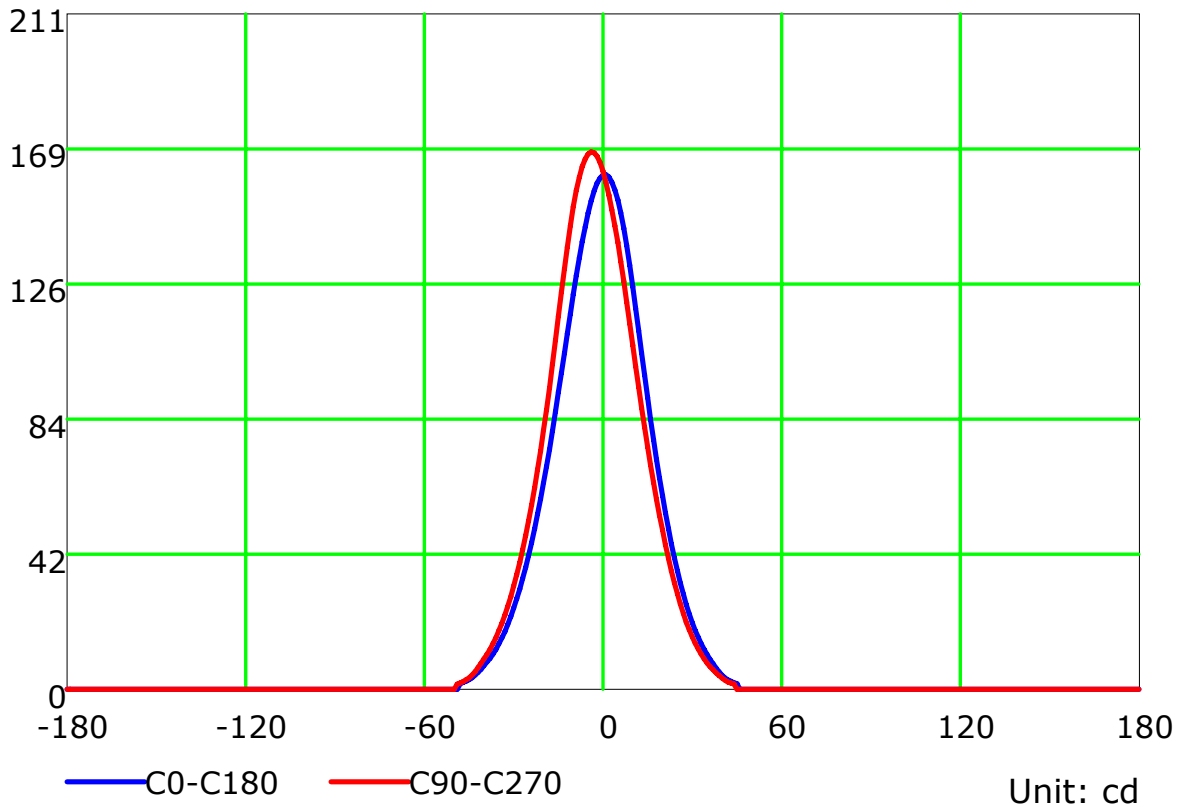
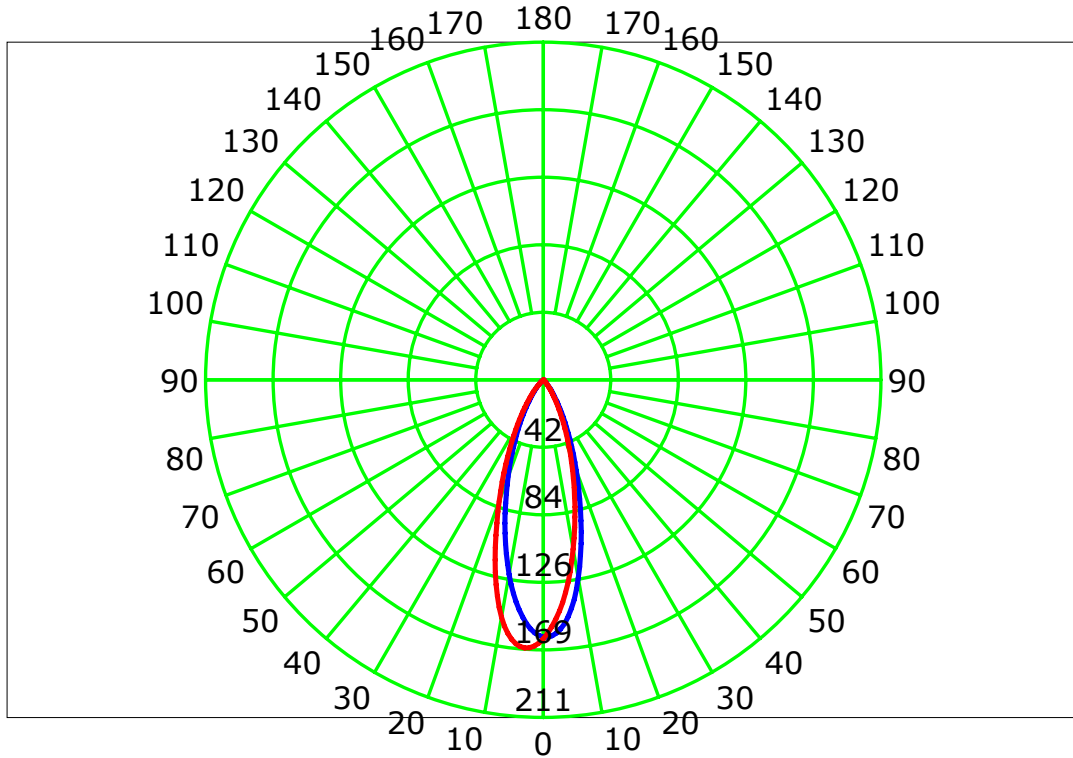
Average Diffuse Angle(50%): 33.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0
Test Lab: NORDECOR
Test Type: TYPE C
Temperature: 25
Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.289 m [K=1.0000]
Humidity: 85
Inspector:

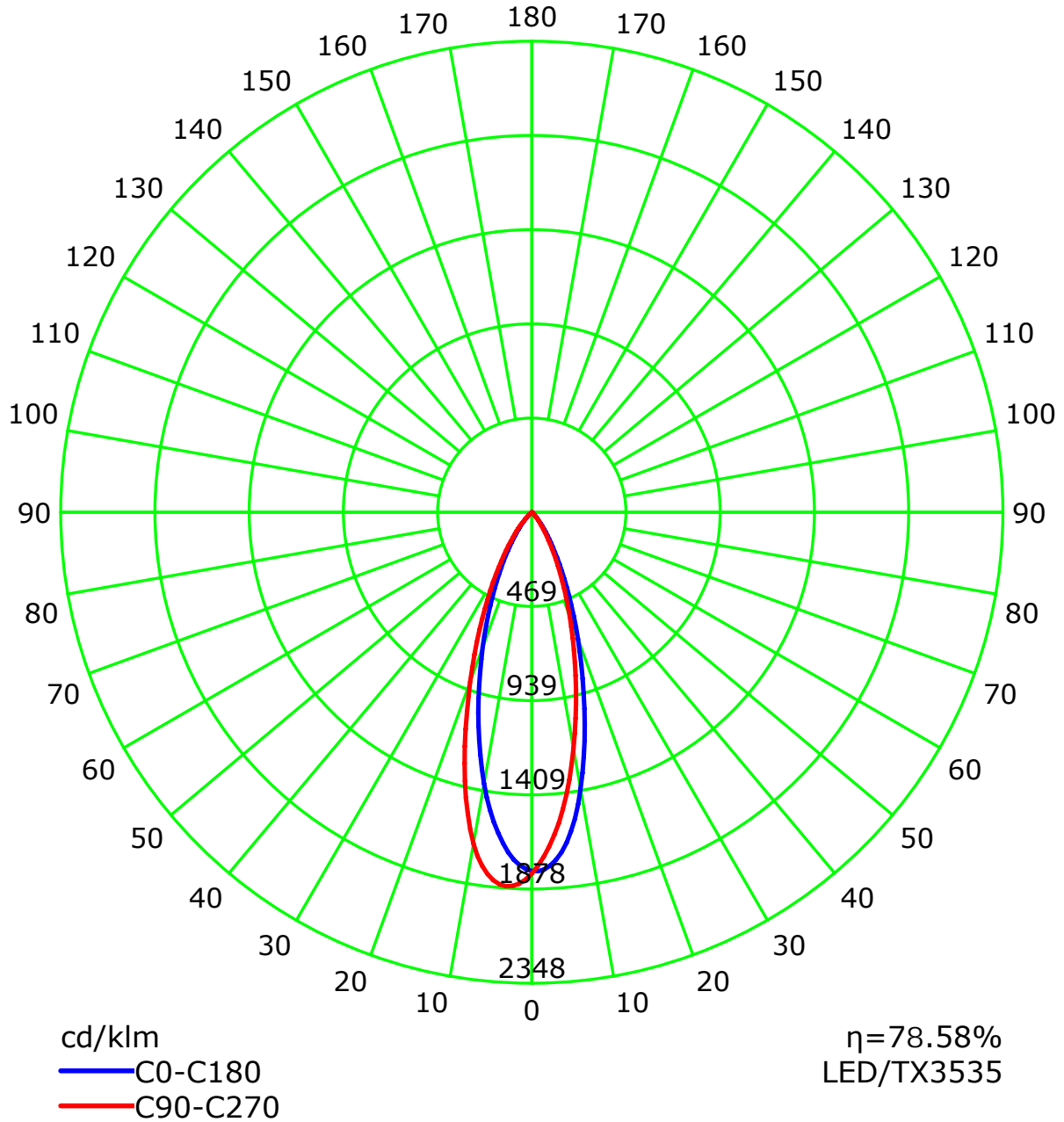
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



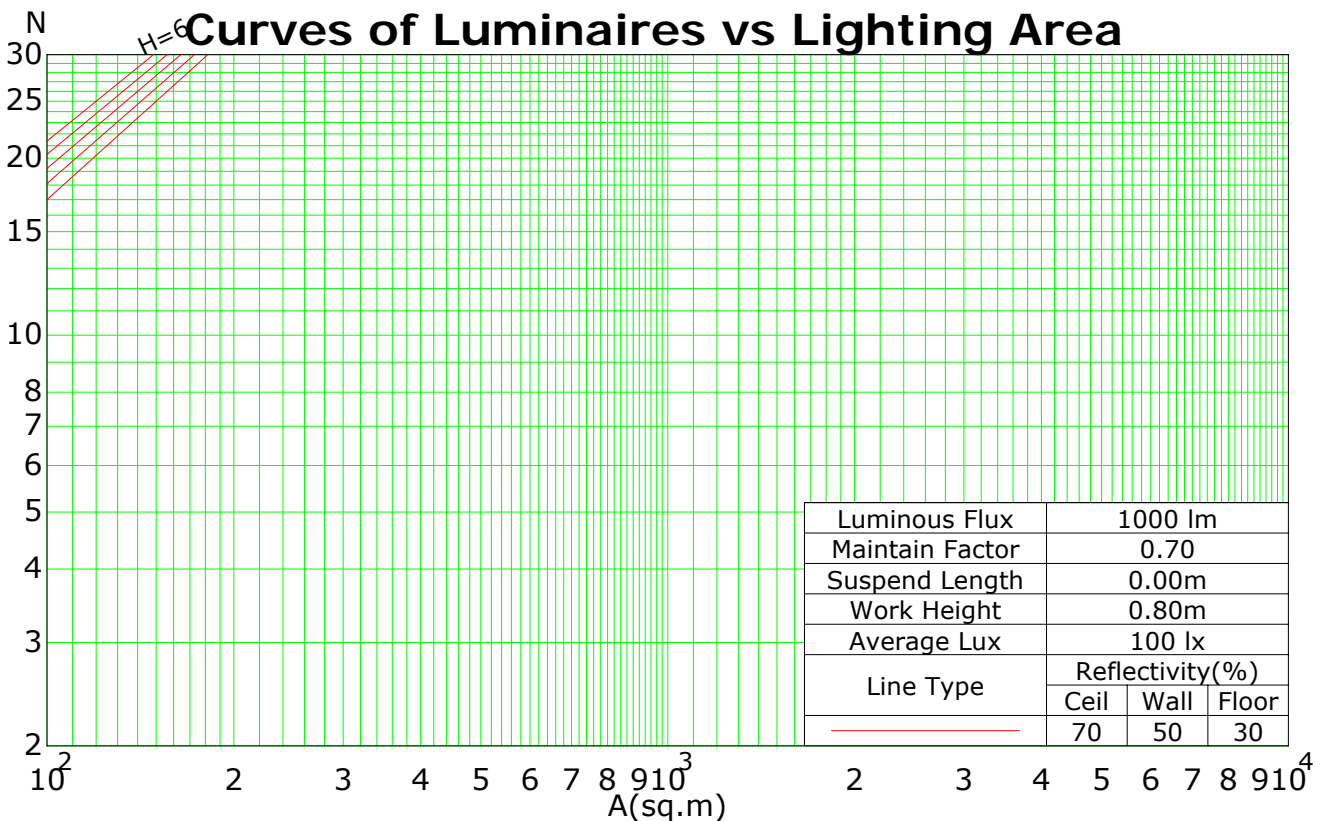
C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
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 Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

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 |
| RCCR | RF = 0.2 | | | | | | | | | | | | | | | | | |
| 0 | 0.910 | 0.910 | 0.910 | 0.910 | 0.890 | 0.890 | 0.890 | 0.890 | 0.850 | 0.850 | 0.850 | 0.810 | 0.810 | 0.810 | 0.780 | 0.780 | 0.780 | 0.77 |
| 1 | 0.880 | 0.860 | 0.840 | 0.820 | 0.860 | 0.840 | 0.830 | 0.810 | 0.810 | 0.800 | 0.790 | 0.780 | 0.770 | 0.760 | 0.760 | 0.750 | 0.740 | 0.73 |
| 2 | 0.840 | 0.810 | 0.780 | 0.760 | 0.820 | 0.790 | 0.770 | 0.750 | 0.770 | 0.750 | 0.730 | 0.750 | 0.730 | 0.720 | 0.730 | 0.710 | 0.700 | 0.69 |
| 3 | 0.810 | 0.760 | 0.730 | 0.700 | 0.790 | 0.750 | 0.720 | 0.700 | 0.730 | 0.710 | 0.690 | 0.720 | 0.690 | 0.680 | 0.700 | 0.680 | 0.670 | 0.66 |
| 4 | 0.770 | 0.720 | 0.690 | 0.660 | 0.760 | 0.710 | 0.680 | 0.660 | 0.700 | 0.670 | 0.650 | 0.680 | 0.660 | 0.640 | 0.670 | 0.650 | 0.630 | 0.62 |
| 5 | 0.740 | 0.690 | 0.650 | 0.620 | 0.730 | 0.680 | 0.640 | 0.620 | 0.670 | 0.640 | 0.610 | 0.660 | 0.630 | 0.610 | 0.640 | 0.620 | 0.600 | 0.59 |
| 6 | 0.710 | 0.650 | 0.620 | 0.590 | 0.700 | 0.650 | 0.610 | 0.590 | 0.640 | 0.610 | 0.580 | 0.630 | 0.600 | 0.580 | 0.620 | 0.590 | 0.570 | 0.56 |
| 7 | 0.680 | 0.620 | 0.580 | 0.560 | 0.670 | 0.620 | 0.580 | 0.560 | 0.610 | 0.580 | 0.550 | 0.600 | 0.570 | 0.550 | 0.590 | 0.570 | 0.550 | 0.54 |
| 8 | 0.660 | 0.600 | 0.560 | 0.530 | 0.650 | 0.590 | 0.560 | 0.530 | 0.580 | 0.550 | 0.530 | 0.580 | 0.550 | 0.530 | 0.570 | 0.540 | 0.520 | 0.51 |
| 9 | 0.630 | 0.570 | 0.530 | 0.510 | 0.630 | 0.570 | 0.530 | 0.510 | 0.560 | 0.530 | 0.500 | 0.550 | 0.520 | 0.500 | 0.550 | 0.520 | 0.500 | 0.49 |
| 10 | 0.610 | 0.550 | 0.510 | 0.480 | 0.600 | 0.540 | 0.510 | 0.480 | 0.540 | 0.510 | 0.480 | 0.530 | 0.500 | 0.480 | 0.530 | 0.500 | 0.480 | 0.47 |

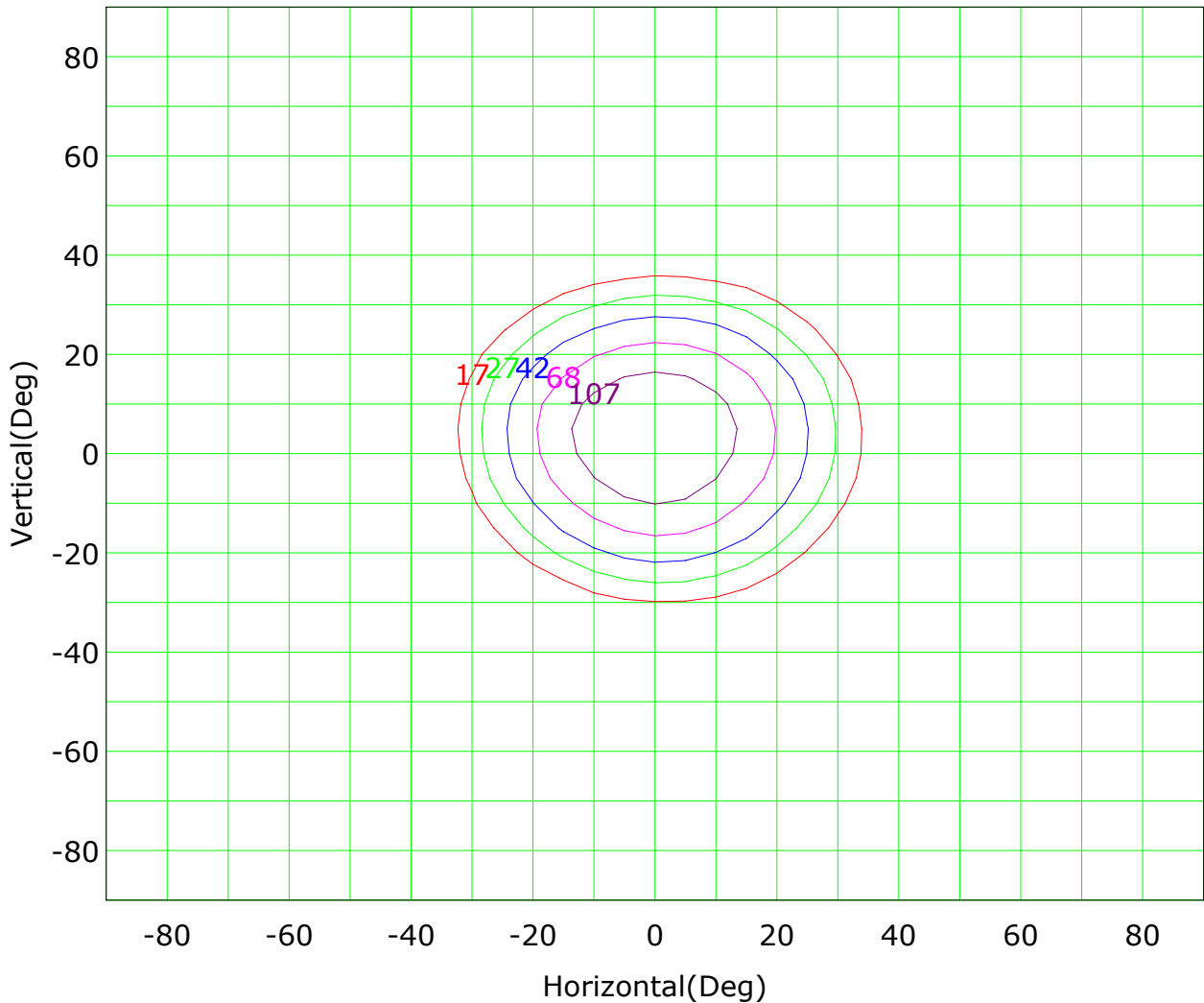
Spacing Criteria (0-180): 0.55
 Spacing Criteria (90-270): 0.57
 Spacing Criteria (Diagonal): 0.59



C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Isocandela (rectangle)



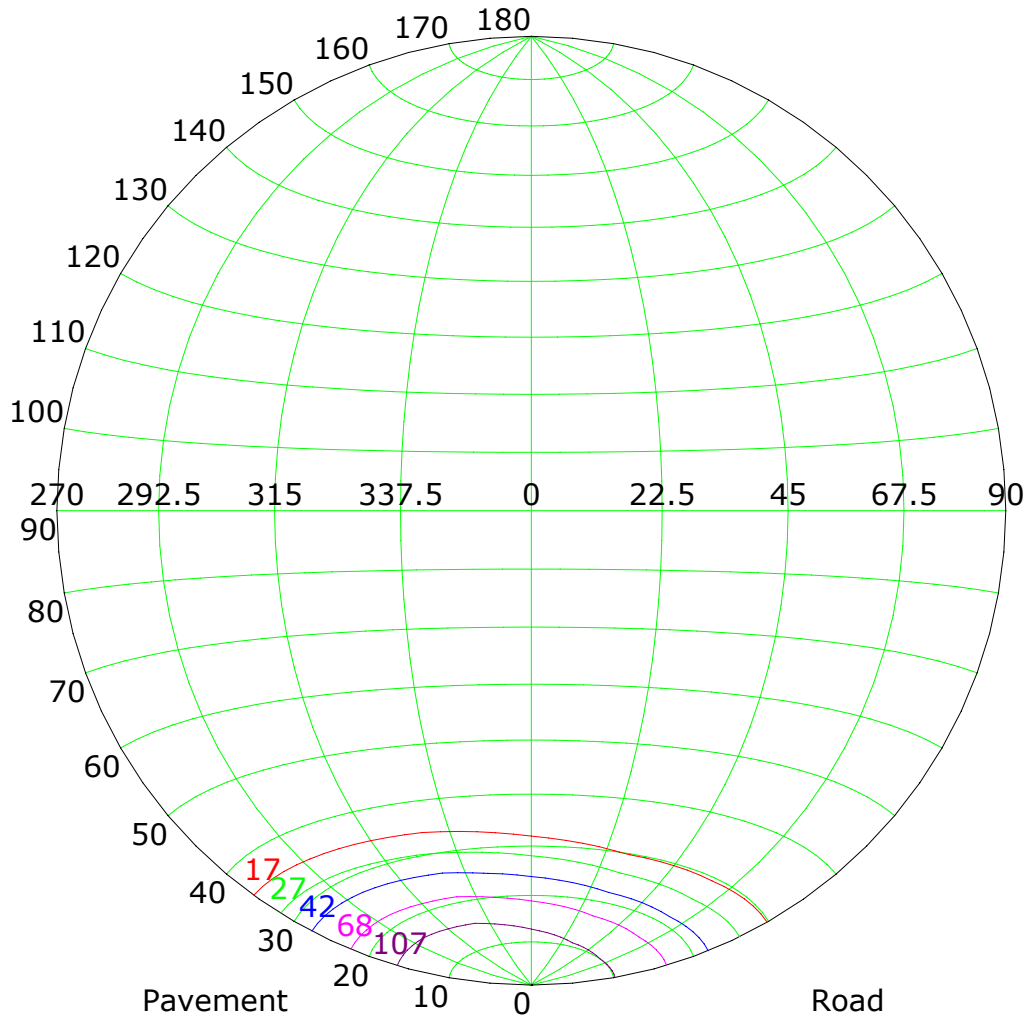
Imax (100%): 169 cd

- | | |
|------------------|------------------|
| — (10%): 17 cd | — (16%): 27 cd |
| — (25%): 42 cd | — (40%): 68 cd |
| — (63%): 107 cd | — (100%): 169 cd |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Isocandela (sphere)



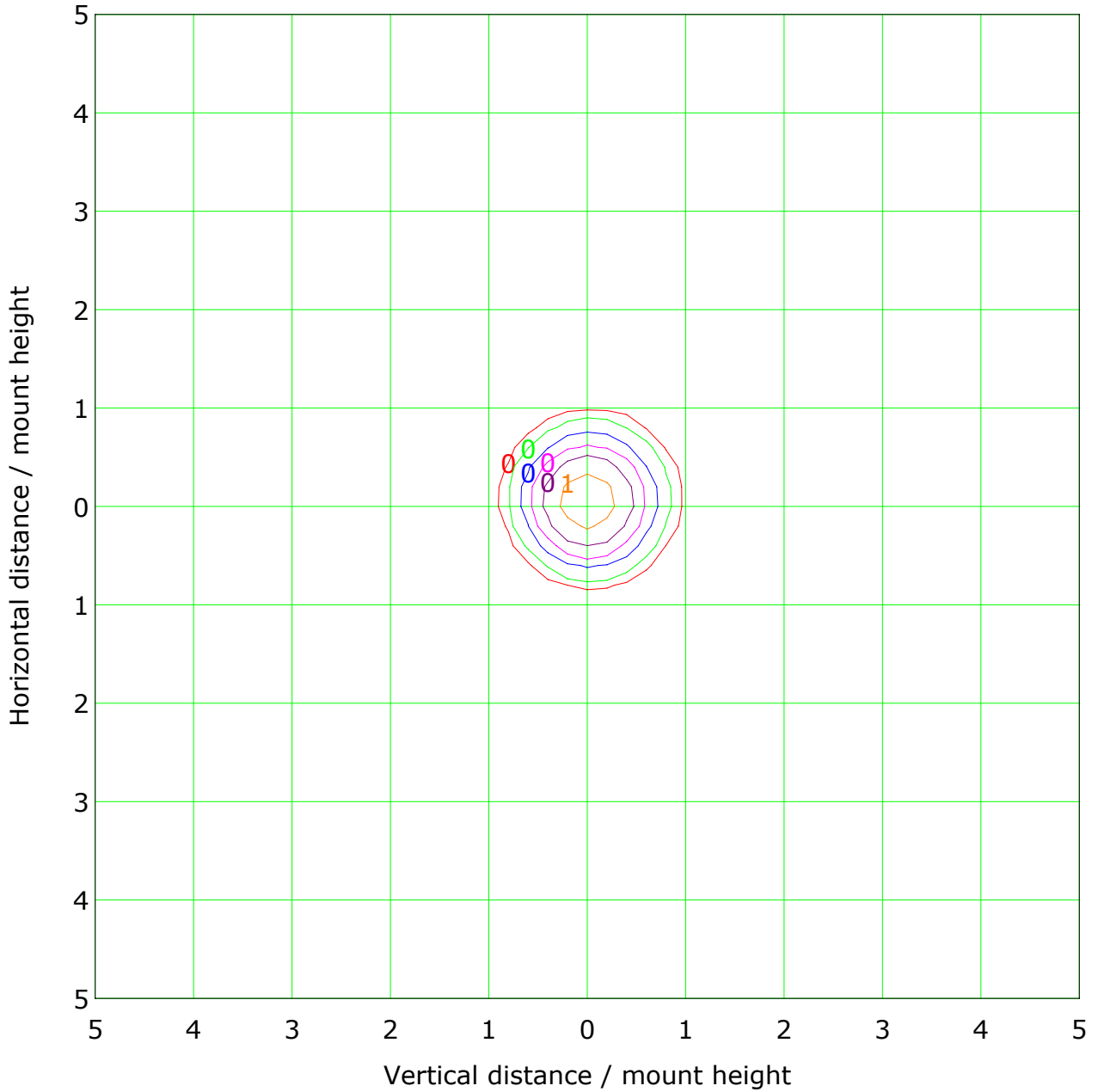
Imax (100%): 169 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 17 cd | — (16%): | 27 cd |
| — (25%): | 42 cd | — (40%): | 68 cd |
| — (63%): | 107 cd | — (100%): | 169 cd |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.7 lx

| | |
|------------------|-----------------|
| — (1%): 0.0 lx | — (2%): 0.0 lx |
| — (5%): 0.1 lx | — (10%): 0.2 lx |
| — (20%): 0.3 lx | — (50%): 0.8 lx |
| — (100%): 1.7 lx | |

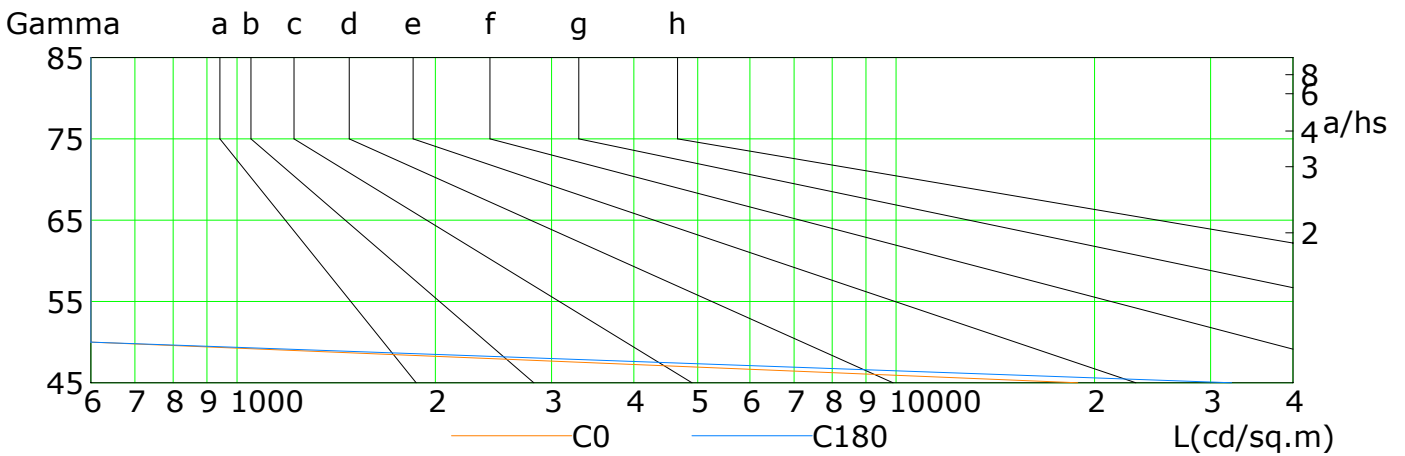
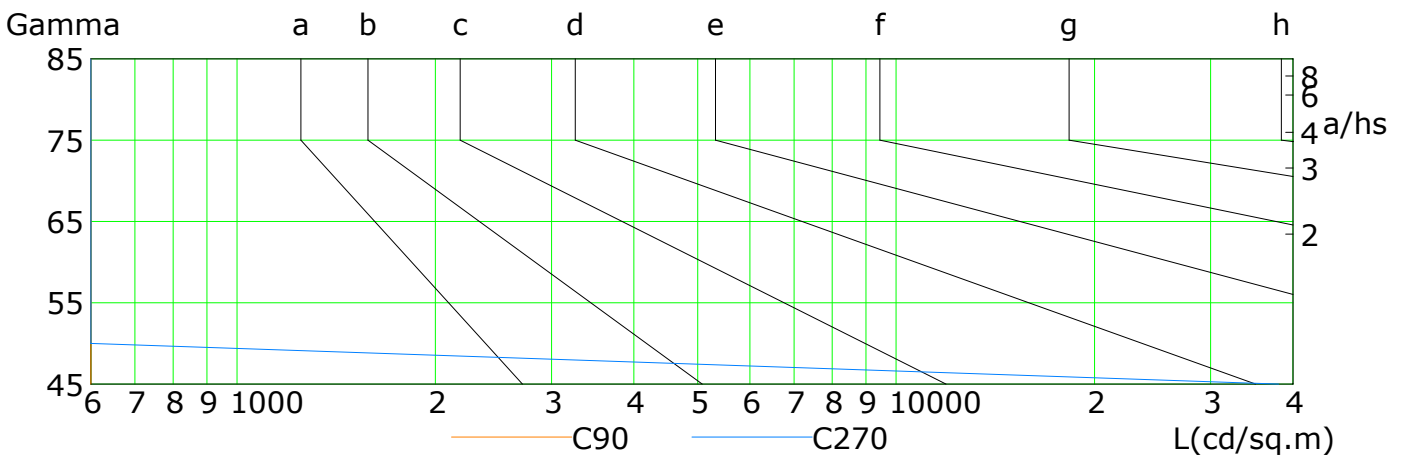
C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | | |
|--------|---------|------------------|------|-----|-------|--|--|--|--|--|
| | | 2000 | 1000 | 500 | <=300 | | | | | |
| 1.15 | A | | | | | | | | | |
| 1.50 | B | | | | | | | | | |
| 1.85 | C | | | | | | | | | |
| 2.20 | D | | | | | | | | | |
| 2.55 | E | | | | | | | | | |

a b c d e f g h

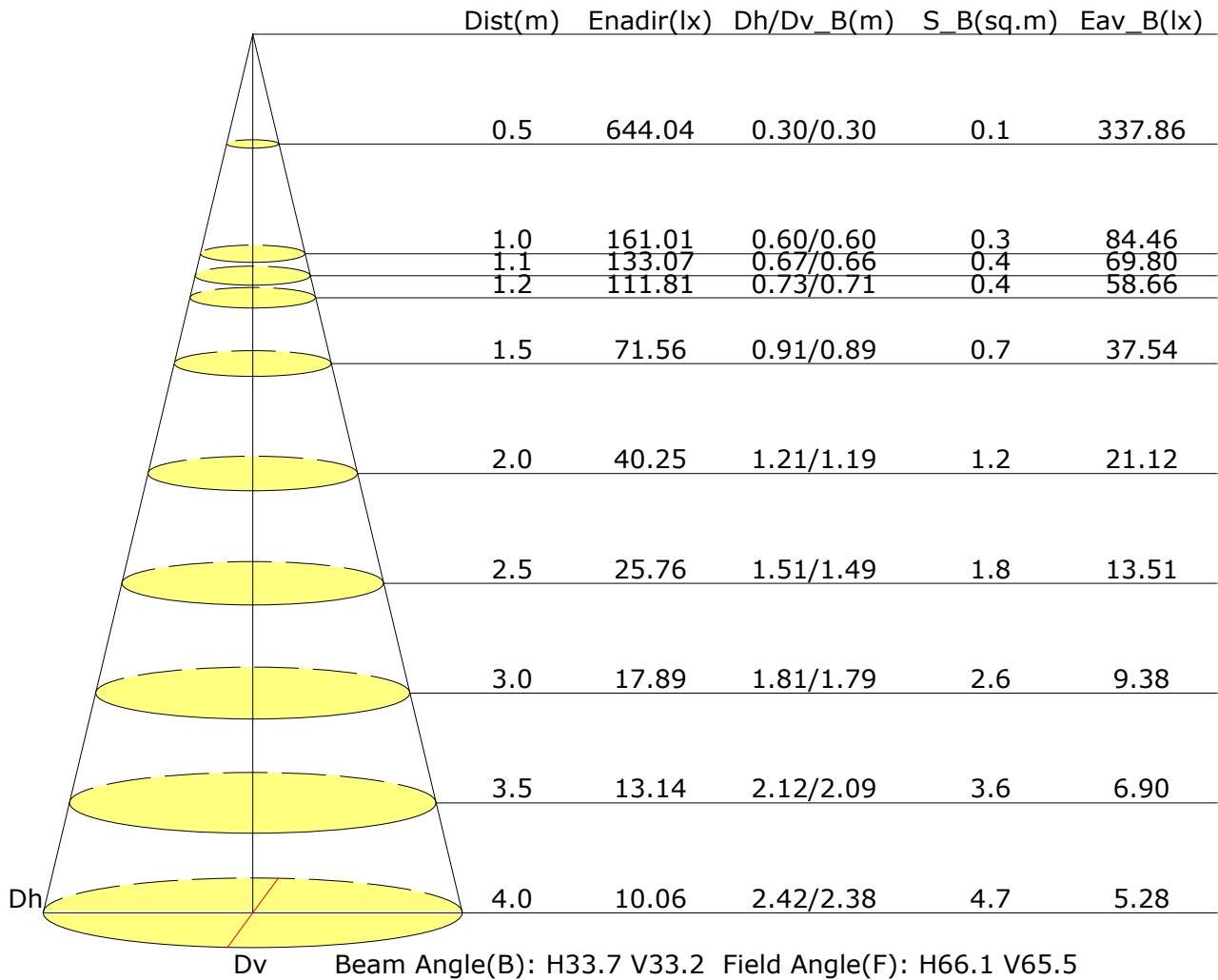


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 18859 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C180 | 32284 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C270 | 38037 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

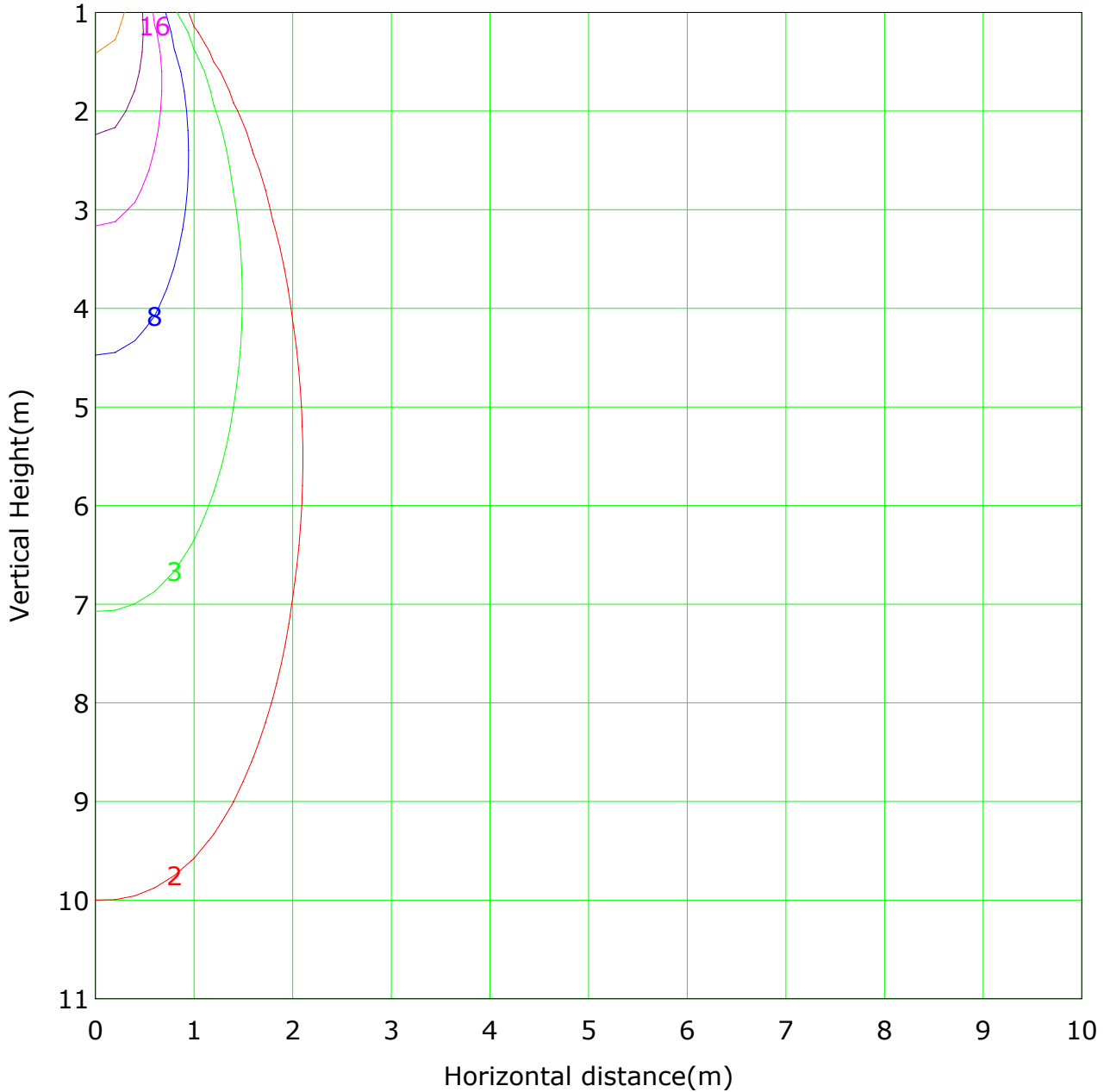
C Plane (°):0.0-360.0: 30.0
Test Lab: NORDECOR
Test Type: TYPE C
Temperature: 25
Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.289 m [K=1.0000]
Humidity: 85
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

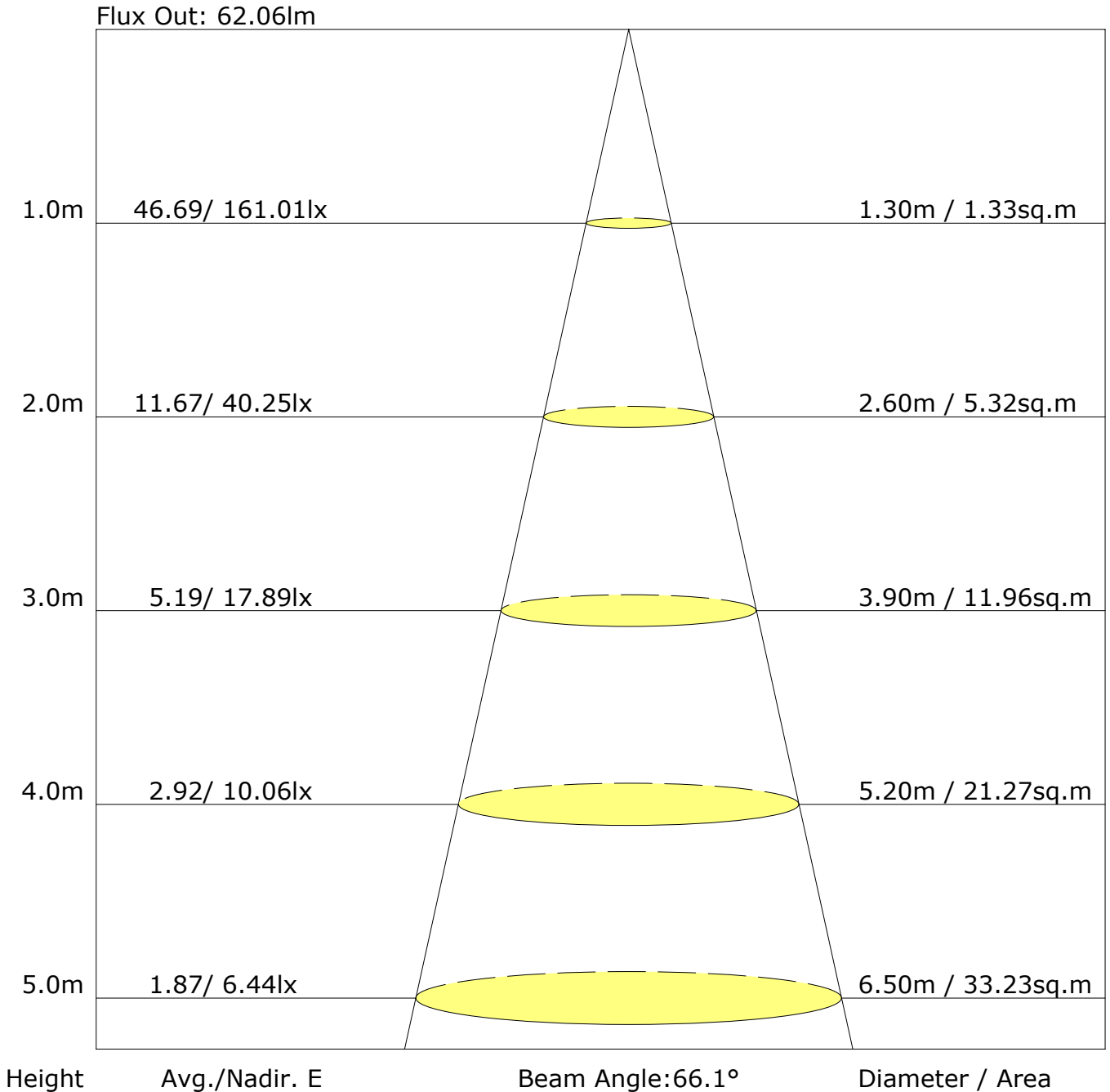


| | | |
|--------------------|-------------------|-------------------|
| Lowest(m): 1.0m | Highest(m): 11.0m | Max Lux: 161.0 lx |
| — (1%): 1.6 lx | — (2%): 3.2 lx | |
| — (5%): 8.1 lx | — (10%): 16.1 lx | |
| — (20%): 32.2 lx | — (50%): 80.5 lx | |
| — (100%): 161.0 lx | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 17.1 | 17.9 | 17.4 | 18.1 | 18.3 | 18.4 | 19.1 | 18.6 | 19.3 | 19.5 |
| 3H | 17.0 | 17.7 | 17.3 | 17.9 | 18.1 | 18.2 | 18.9 | 18.5 | 19.1 | 19.4 |
| 4H | 16.9 | 17.5 | 17.2 | 17.8 | 18.1 | 18.2 | 18.8 | 18.5 | 19.0 | 19.3 |
| 6H | 16.8 | 17.4 | 17.2 | 17.7 | 18.0 | 18.1 | 18.7 | 18.4 | 19.0 | 19.2 |
| 8H | 16.8 | 17.4 | 17.2 | 17.7 | 18.0 | 18.1 | 18.6 | 18.4 | 18.9 | 19.2 |
| 12H | 16.8 | 17.3 | 17.1 | 17.6 | 17.9 | 18.0 | 18.5 | 18.4 | 18.9 | 19.2 |
| X=4H Y=2H | 16.9 | 17.5 | 17.2 | 17.8 | 18.1 | 18.2 | 18.8 | 18.5 | 19.0 | 19.3 |
| 3H | 16.8 | 17.3 | 17.1 | 17.6 | 17.9 | 18.0 | 18.5 | 18.4 | 18.9 | 19.2 |
| 4H | 16.7 | 17.2 | 17.1 | 17.5 | 17.8 | 17.9 | 18.4 | 18.3 | 18.7 | 19.1 |
| 6H | 16.6 | 17.0 | 17.0 | 17.4 | 17.8 | 17.8 | 18.3 | 18.3 | 18.6 | 19.0 |
| 8H | 16.6 | 16.9 | 17.0 | 17.3 | 17.7 | 17.8 | 18.2 | 18.2 | 18.6 | 19.0 |
| 12H | 16.5 | 16.9 | 16.9 | 17.3 | 17.7 | 17.8 | 18.1 | 18.2 | 18.5 | 18.9 |
| X=8H Y=4H | 16.6 | 16.9 | 17.0 | 17.3 | 17.7 | 17.8 | 18.2 | 18.2 | 18.6 | 19.0 |
| 6H | 16.5 | 16.8 | 16.9 | 17.2 | 17.6 | 17.7 | 18.0 | 18.2 | 18.4 | 18.9 |
| 8H | 16.4 | 16.7 | 16.9 | 17.1 | 17.6 | 17.7 | 17.9 | 18.1 | 18.4 | 18.9 |
| 12H | 16.4 | 16.6 | 16.9 | 17.1 | 17.6 | 17.6 | 17.8 | 18.1 | 18.3 | 18.8 |
| X=12H Y=4H | 16.5 | 16.9 | 16.9 | 17.3 | 17.7 | 17.8 | 18.1 | 18.2 | 18.5 | 18.9 |
| 6H | 16.4 | 16.7 | 16.9 | 17.1 | 17.6 | 17.7 | 17.9 | 18.1 | 18.4 | 18.9 |
| 8H | 16.4 | 16.6 | 16.9 | 17.1 | 17.6 | 17.6 | 17.8 | 18.1 | 18.3 | 18.8 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S=1.0H | +5.5/-1.\$ | | | | | +5.3/-1.\$ | | | | |
| S=1.5H | +8.7/-1.\$ | | | | | +7.9/-1.\$ | | | | |
| S=2.0H | +10.7/-1.\$ | | | | | +9.9/-1.\$ | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 90lm ($8\log(F/F_0) = -8.4$).

C Plane (°):0.0-360.0: 30.0
Test Lab: NORDECOR
Test Type: TYPE C
Temperature: 25
Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 10.289 m [K=1.0000]
Humidity: 85
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 | 161.7 | 0.2 | 0.2 | 0.17 | 0.17 |
| 1.0-2.0 | 160.9 | 0.5 | 0.6 | 0.51 | 0.69 |
| 2.0-3.0 | 159.4 | 0.8 | 1.4 | 0.85 | 1.53 |
| 3.0-4.0 | 157.2 | 1.1 | 2.4 | 1.17 | 2.70 |
| 4.0-5.0 | 154.3 | 1.3 | 3.8 | 1.47 | 4.18 |
| 5.0-6.0 | 150.7 | 1.6 | 5.3 | 1.76 | 5.94 |
| 6.0-7.0 | 146.4 | 1.8 | 7.2 | 2.02 | 7.96 |
| 7.0-8.0 | 141.7 | 2.0 | 9.2 | 2.25 | 10.21 |
| 8.0-9.0 | 136.3 | 2.2 | 11.4 | 2.46 | 12.66 |
| 9.0-10.0 | 130.5 | 2.4 | 13.8 | 2.63 | 15.29 |
| 10.0-11.0 | 124.4 | 2.5 | 16.2 | 2.76 | 18.05 |
| 11.0-12.0 | 117.9 | 2.6 | 18.8 | 2.87 | 20.92 |
| 12.0-13.0 | 111.4 | 2.6 | 21.5 | 2.94 | 23.85 |
| 13.0-14.0 | 104.8 | 2.7 | 24.2 | 2.98 | 26.83 |
| 14.0-15.0 | 98.1 | 2.7 | 26.8 | 2.99 | 29.83 |
| 15.0-16.0 | 91.5 | 2.7 | 29.5 | 2.98 | 32.81 |
| 16.0-17.0 | 85.1 | 2.6 | 32.2 | 2.94 | 35.75 |
| 17.0-18.0 | 78.8 | 2.6 | 34.8 | 2.89 | 38.64 |
| 18.0-19.0 | 72.8 | 2.5 | 37.3 | 2.82 | 41.46 |
| 19.0-20.0 | 67.1 | 2.5 | 39.8 | 2.73 | 44.19 |
| 20.0-21.0 | 61.7 | 2.4 | 42.1 | 2.63 | 46.82 |
| 21.0-22.0 | 56.6 | 2.3 | 44.4 | 2.53 | 49.34 |
| 22.0-23.0 | 51.6 | 2.2 | 46.6 | 2.41 | 51.75 |
| 23.0-24.0 | 47.0 | 2.1 | 48.6 | 2.28 | 54.04 |
| 24.0-25.0 | 42.7 | 1.9 | 50.6 | 2.16 | 56.20 |
| 25.0-26.0 | 38.7 | 1.8 | 52.4 | 2.03 | 58.23 |
| 26.0-27.0 | 35.0 | 1.7 | 54.1 | 1.90 | 60.13 |
| 27.0-28.0 | 31.5 | 1.6 | 55.7 | 1.77 | 61.90 |
| 28.0-29.0 | 28.3 | 1.5 | 57.2 | 1.64 | 63.55 |
| 29.0-30.0 | 25.3 | 1.4 | 58.6 | 1.52 | 65.07 |
| 30.0-31.0 | 22.6 | 1.3 | 59.8 | 1.40 | 66.46 |
| 31.0-32.0 | 20.1 | 1.2 | 61.0 | 1.28 | 67.74 |
| 32.0-33.0 | 17.8 | 1.1 | 62.0 | 1.17 | 68.91 |
| 33.0-34.0 | 15.8 | 1.0 | 63.0 | 1.06 | 69.97 |
| 34.0-35.0 | 13.9 | 0.9 | 63.8 | 0.96 | 70.93 |
| 35.0-36.0 | 12.2 | 0.8 | 64.6 | 0.86 | 71.79 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 10.6 | 0.7 | 65.3 | 0.77 | 72.56 |
| 37.0-38.0 | 9.3 | 0.6 | 65.9 | 0.69 | 73.25 |
| 38.0-39.0 | 8.0 | 0.5 | 66.5 | 0.61 | 73.85 |
| 39.0-40.0 | 6.9 | 0.5 | 66.9 | 0.53 | 74.39 |
| 40.0-41.0 | 5.8 | 0.4 | 67.4 | 0.46 | 74.85 |
| 41.0-42.0 | 4.9 | 0.4 | 67.7 | 0.40 | 75.24 |
| 42.0-43.0 | 4.1 | 0.3 | 68.0 | 0.34 | 75.58 |
| 43.0-44.0 | 3.4 | 0.3 | 68.3 | 0.28 | 75.86 |
| 44.0-45.0 | 2.6 | 0.2 | 68.5 | 0.23 | 76.09 |
| 45.0-46.0 | 1.9 | 0.1 | 68.6 | 0.16 | 76.25 |
| 46.0-47.0 | 1.4 | 0.1 | 68.7 | 0.12 | 76.38 |
| 47.0-48.0 | 1.0 | 0.1 | 68.8 | 0.09 | 76.47 |
| 48.0-49.0 | 0.7 | 0.1 | 68.9 | 0.06 | 76.53 |
| 49.0-50.0 | 0.4 | 0.0 | 68.9 | 0.04 | 76.57 |
| 50.0-51.0 | 0.1 | 0.0 | 68.9 | 0.01 | 76.58 |
| 51.0-52.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 52.0-53.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 53.0-54.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 54.0-55.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 55.0-56.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 56.0-57.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 57.0-58.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 58.0-59.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 59.0-60.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 60.0-61.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 61.0-62.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 62.0-63.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 63.0-64.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 64.0-65.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 65.0-66.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 66.0-67.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 67.0-68.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 68.0-69.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 69.0-70.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 70.0-71.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 71.0-72.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 68.9 | 0.00 | 76.58 |
| 73.0-74.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 74.0-75.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 75.0-76.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 76.0-77.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 77.0-78.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 78.0-79.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 79.0-80.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 80.0-81.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 81.0-82.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 82.0-83.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 83.0-84.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 84.0-85.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 85.0-86.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 86.0-87.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 87.0-88.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 88.0-89.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 89.0-90.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 90.0-91.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 91.0-92.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 92.0-93.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 93.0-94.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 94.0-95.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 95.0-96.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 96.0-97.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 97.0-98.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 98.0-99.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 99.0-100.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 100.0-101.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 101.0-102.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 102.0-103.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 103.0-104.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 104.0-105.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 105.0-106.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 106.0-107.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 107.0-108.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 68.9 | 0.00 | 76.58 |
| 109.0-110.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 110.0-111.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 111.0-112.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 112.0-113.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 113.0-114.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 114.0-115.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 115.0-116.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 116.0-117.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 117.0-118.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 118.0-119.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 119.0-120.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 120.0-121.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 121.0-122.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 122.0-123.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 123.0-124.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 124.0-125.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 125.0-126.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 126.0-127.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 127.0-128.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 128.0-129.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 129.0-130.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 130.0-131.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 131.0-132.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 132.0-133.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 133.0-134.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 134.0-135.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 135.0-136.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 136.0-137.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 137.0-138.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 138.0-139.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 139.0-140.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 140.0-141.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 141.0-142.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 142.0-143.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 143.0-144.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 68.9 | 0.00 | 76.58 |
| 145.0-146.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 146.0-147.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 147.0-148.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 148.0-149.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 149.0-150.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 150.0-151.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 151.0-152.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 152.0-153.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 153.0-154.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 154.0-155.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 155.0-156.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 156.0-157.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 157.0-158.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 158.0-159.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 159.0-160.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 160.0-161.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 161.0-162.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 162.0-163.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 163.0-164.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 164.0-165.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 165.0-166.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 166.0-167.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 167.0-168.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 168.0-169.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 169.0-170.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 170.0-171.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 171.0-172.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 172.0-173.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 173.0-174.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 174.0-175.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 175.0-176.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 176.0-177.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 177.0-178.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 178.0-179.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |
| 179.0-180.0 | 0.0 | 0.0 | 68.9 | 0.00 | 76.58 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 161.0 | 160.0 | 160.6 | 162.2 | 163.5 | 163.9 | 161.0 | 160.0 | 160.6 | 162.2 |
| G1.0 | 161.1 | 158.2 | 157.6 | 158.7 | 159.9 | 160.9 | 160.1 | 161.1 | 163.0 | 164.9 |
| G2.0 | 160.4 | 155.5 | 154.0 | 154.6 | 155.7 | 157.3 | 158.4 | 161.5 | 164.6 | 166.8 |
| G3.0 | 158.8 | 152.2 | 149.8 | 150.1 | 151.0 | 152.9 | 156.1 | 161.1 | 165.5 | 167.9 |
| G4.0 | 156.3 | 148.0 | 144.9 | 145.1 | 146.0 | 148.2 | 152.9 | 159.7 | 165.4 | 168.2 |
| G5.0 | 153.1 | 143.3 | 139.5 | 139.8 | 140.6 | 142.9 | 149.1 | 157.7 | 164.4 | 167.6 |
| G6.0 | 149.1 | 137.9 | 133.6 | 133.9 | 134.7 | 137.4 | 144.7 | 155.0 | 162.8 | 166.0 |
| G7.0 | 144.3 | 131.9 | 127.2 | 127.7 | 128.8 | 131.7 | 140.1 | 151.6 | 160.3 | 163.6 |
| G8.0 | 138.9 | 125.6 | 120.7 | 121.2 | 122.5 | 125.6 | 135.0 | 147.6 | 157.1 | 160.2 |
| G9.0 | 132.7 | 118.9 | 113.7 | 114.4 | 116.0 | 119.3 | 129.5 | 143.0 | 153.1 | 156.1 |
| G10.0 | 126.0 | 111.9 | 106.6 | 107.7 | 109.6 | 113.0 | 123.6 | 138.1 | 148.4 | 151.0 |
| G11.0 | 119.2 | 105.0 | 99.8 | 101.1 | 103.3 | 106.8 | 117.5 | 132.6 | 142.8 | 145.1 |
| G12.0 | 112.2 | 98.2 | 93.1 | 94.5 | 96.9 | 100.5 | 111.3 | 126.7 | 136.8 | 138.4 |
| G13.0 | 105.3 | 91.4 | 86.7 | 88.1 | 90.6 | 94.1 | 105.2 | 120.5 | 130.3 | 131.6 |
| G14.0 | 98.3 | 85.1 | 80.3 | 82.0 | 84.6 | 87.9 | 99.0 | 114.0 | 123.4 | 124.3 |
| G15.0 | 91.3 | 78.7 | 74.3 | 75.8 | 78.4 | 81.8 | 93.0 | 107.4 | 116.5 | 116.7 |
| G16.0 | 84.4 | 72.4 | 68.4 | 70.2 | 72.7 | 76.0 | 86.9 | 100.8 | 109.4 | 109.2 |
| G17.0 | 78.1 | 66.7 | 62.9 | 64.7 | 67.1 | 70.4 | 80.8 | 94.2 | 102.3 | 101.7 |
| G18.0 | 71.9 | 61.1 | 57.6 | 59.5 | 62.0 | 65.1 | 75.1 | 87.7 | 95.2 | 94.3 |
| G19.0 | 66.1 | 55.9 | 52.7 | 54.4 | 56.9 | 59.9 | 69.8 | 81.5 | 88.7 | 87.4 |
| G20.0 | 60.6 | 51.0 | 47.9 | 49.8 | 52.0 | 55.1 | 64.6 | 75.6 | 82.3 | 81.1 |
| G21.0 | 55.3 | 46.2 | 43.5 | 45.2 | 47.5 | 50.5 | 59.6 | 69.9 | 76.1 | 74.6 |
| G22.0 | 50.3 | 41.7 | 39.3 | 41.0 | 43.2 | 46.2 | 54.9 | 64.4 | 70.2 | 68.8 |
| G23.0 | 45.5 | 37.5 | 35.4 | 37.0 | 39.1 | 42.0 | 50.3 | 59.2 | 64.5 | 63.2 |
| G24.0 | 41.2 | 33.8 | 31.8 | 33.3 | 35.4 | 38.2 | 46.0 | 54.3 | 59.2 | 57.7 |
| G25.0 | 37.1 | 30.1 | 28.5 | 29.9 | 31.9 | 34.6 | 41.9 | 49.6 | 54.2 | 52.8 |
| G26.0 | 33.3 | 27.0 | 25.3 | 26.7 | 28.7 | 31.3 | 38.2 | 45.5 | 49.6 | 48.2 |
| G27.0 | 29.9 | 24.1 | 22.5 | 23.8 | 25.7 | 28.1 | 34.7 | 41.3 | 45.3 | 43.8 |
| G28.0 | 26.5 | 21.2 | 19.8 | 21.0 | 22.9 | 25.2 | 31.4 | 37.6 | 41.2 | 39.7 |
| G29.0 | 23.6 | 18.7 | 17.4 | 18.6 | 20.4 | 22.5 | 28.4 | 34.0 | 37.3 | 35.9 |
| G30.0 | 20.8 | 16.4 | 15.4 | 16.4 | 18.0 | 20.0 | 25.5 | 30.6 | 33.8 | 32.4 |
| G31.0 | 18.4 | 14.4 | 13.4 | 14.4 | 15.9 | 17.7 | 22.8 | 27.5 | 30.3 | 29.0 |
| G32.0 | 16.3 | 12.7 | 11.7 | 12.6 | 14.0 | 15.7 | 20.4 | 24.6 | 27.2 | 26.0 |
| G33.0 | 14.3 | 11.1 | 10.3 | 11.0 | 12.3 | 13.9 | 18.1 | 22.1 | 24.4 | 23.2 |
| G34.0 | 12.5 | 9.6 | 8.9 | 9.5 | 10.8 | 12.2 | 16.1 | 19.8 | 21.8 | 20.7 |
| G35.0 | 10.8 | 8.3 | 7.6 | 8.2 | 9.4 | 10.7 | 14.2 | 17.5 | 19.4 | 18.4 |
| G36.0 | 9.3 | 7.0 | 6.4 | 7.1 | 8.1 | 9.3 | 12.5 | 15.5 | 17.2 | 16.2 |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | 8.0 | 5.8 | 5.5 | 6.1 | 7.1 | 8.1 | 11.0 | 13.8 | 15.2 | 14.2 |
| G38.0 | 6.7 | 4.8 | 4.6 | 5.2 | 6.0 | 7.0 | 9.7 | 12.2 | 13.5 | 12.5 |
| G39.0 | 5.5 | 3.9 | 3.8 | 4.3 | 5.1 | 6.0 | 8.6 | 10.7 | 11.8 | 10.9 |
| G40.0 | 4.4 | 3.3 | 3.1 | 3.5 | 4.3 | 5.2 | 7.4 | 9.4 | 10.4 | 9.5 |
| G41.0 | 3.6 | 2.8 | 2.5 | 2.9 | 3.6 | 4.4 | 6.3 | 8.2 | 9.1 | 8.2 |
| G42.0 | 2.9 | 2.3 | 2.2 | 2.3 | 2.9 | 3.7 | 5.3 | 7.2 | 7.8 | 6.8 |
| G43.0 | 2.5 | 1.9 | 1.9 | 2.0 | 2.4 | 2.8 | 4.5 | 6.1 | 6.6 | 5.6 |
| G44.0 | 2.1 | 1.6 | 1.5 | 1.7 | 2.0 | 2.3 | 3.7 | 5.2 | 5.4 | 4.5 |
| G45.0 | 1.8 | 0.0 | 0.0 | 0.0 | 1.8 | 2.0 | 3.0 | 4.1 | 4.5 | 3.6 |
| G46.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 2.6 | 3.3 | 3.5 | 3.0 |
| G47.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 2.9 | 3.0 | 2.5 |
| G48.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 2.4 | 2.5 | 2.0 |
| G49.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 2.0 | 1.6 |
| G50.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.6 | 0.0 |
| G51.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G52.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G53.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G54.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G55.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G56.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G57.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G58.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G59.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G60.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G61.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G62.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G63.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G64.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G0.0 | 163.5 | 163.9 | 161.0 | | | | | | | |
| G1.0 | 166.1 | 166.0 | 161.1 | | | | | | | |
| G2.0 | 168.0 | 167.1 | 160.4 | | | | | | | |
| G3.0 | 169.1 | 167.4 | 158.8 | | | | | | | |
| G4.0 | 169.1 | 166.8 | 156.3 | | | | | | | |
| G5.0 | 168.2 | 165.4 | 153.1 | | | | | | | |
| G6.0 | 166.4 | 162.8 | 149.1 | | | | | | | |
| G7.0 | 163.7 | 159.5 | 144.3 | | | | | | | |
| G8.0 | 160.1 | 155.2 | 138.9 | | | | | | | |
| G9.0 | 155.6 | 150.1 | 132.7 | | | | | | | |
| G10.0 | 150.3 | 144.2 | 126.0 | | | | | | | |
| G11.0 | 143.8 | 137.6 | 119.2 | | | | | | | |
| G12.0 | 137.0 | 130.7 | 112.2 | | | | | | | |
| G13.0 | 129.9 | 123.6 | 105.3 | | | | | | | |
| G14.0 | 122.6 | 116.2 | 98.3 | | | | | | | |
| G15.0 | 114.9 | 108.7 | 91.3 | | | | | | | |
| G16.0 | 107.2 | 101.4 | 84.4 | | | | | | | |
| G17.0 | 99.7 | 94.1 | 78.1 | | | | | | | |
| G18.0 | 92.4 | 86.9 | 71.9 | | | | | | | |
| G19.0 | 85.3 | 80.2 | 66.1 | | | | | | | |
| G20.0 | 78.7 | 73.9 | 60.6 | | | | | | | |
| G21.0 | 72.3 | 67.9 | 55.3 | | | | | | | |
| G22.0 | 66.5 | 62.1 | 50.3 | | | | | | | |
| G23.0 | 60.8 | 56.5 | 45.5 | | | | | | | |
| G24.0 | 55.3 | 51.3 | 41.2 | | | | | | | |
| G25.0 | 50.5 | 46.6 | 37.1 | | | | | | | |
| G26.0 | 45.7 | 42.2 | 33.3 | | | | | | | |
| G27.0 | 41.5 | 38.1 | 29.9 | | | | | | | |
| G28.0 | 37.3 | 34.3 | 26.5 | | | | | | | |
| G29.0 | 33.6 | 30.7 | 23.6 | | | | | | | |
| G30.0 | 30.0 | 27.2 | 20.8 | | | | | | | |
| G31.0 | 26.8 | 24.3 | 18.4 | | | | | | | |
| G32.0 | 23.9 | 21.5 | 16.3 | | | | | | | |
| G33.0 | 21.4 | 19.0 | 14.3 | | | | | | | |
| G34.0 | 18.8 | 16.9 | 12.5 | | | | | | | |
| G35.0 | 16.7 | 14.8 | 10.8 | | | | | | | |
| G36.0 | 14.7 | 13.0 | 9.3 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G37.0 | 12.9 | 11.3 | 8.0 | | | | | | | |
| G38.0 | 11.3 | 9.8 | 6.7 | | | | | | | |
| G39.0 | 9.8 | 8.2 | 5.5 | | | | | | | |
| G40.0 | 8.3 | 6.9 | 4.4 | | | | | | | |
| G41.0 | 6.9 | 5.6 | 3.6 | | | | | | | |
| G42.0 | 5.7 | 4.6 | 2.9 | | | | | | | |
| G43.0 | 4.5 | 3.7 | 2.5 | | | | | | | |
| G44.0 | 3.8 | 3.1 | 2.1 | | | | | | | |
| G45.0 | 3.2 | 2.5 | 1.8 | | | | | | | |
| G46.0 | 2.6 | 2.1 | 0.0 | | | | | | | |
| G47.0 | 2.1 | 1.7 | 0.0 | | | | | | | |
| G48.0 | 1.7 | 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 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 | | | | | | | |
| | | | | | | | | | | |
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C Plane (°):0.0-360.0: 30.0
 Test Lab: NORDECOR
 Test Type: TYPE C
 Temperature: 25
 Operator: NORDECOR

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 10.289 m [K=1.0000]
 Humidity: 85
 Inspector:

LED Average Luminance Report

| Avg.L | cd/m ² |
|-----------------|-------------------|
| L 0-180(65) av | 0.00 |
| L 0-180(75) av | 0.00 |
| L 0-180(85) av | 0.00 |
| L 90-270(65) av | 0.00 |
| L 90-270(75) av | 0.00 |
| L 90-270(85) av | 0.00 |
| L 45(65) av | 0.00 |
| L 45(75) av | 0.00 |
| L 45(85) av | 0.00 |

Standard: GB/T 29293-2012