

Report No.:

Test Time: 2025-10-07 11:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 50D

Luminous Width (mm): -90

Current: 0.120 A

Power Factor: 0.965

Luminous Length (mm): -90

Voltage: 226.8 V

Power: 26.40 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2908.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H49.2

Vertical Diffuse Angle(50%): V49.2

Luminaire Efficacy Rating (LER): 110.21

Max. Intensity: 4257.67 cd

S/MH(C0/C180): 0.78

Total Rated Lamp Lumens: 2908.3 lm

Efficiency: 100%

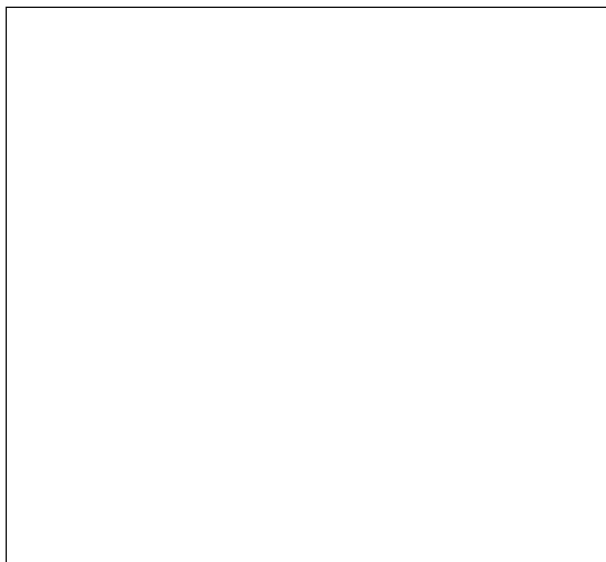
Upward Ratio: 0%

Central Intensity: 4229.69 cd

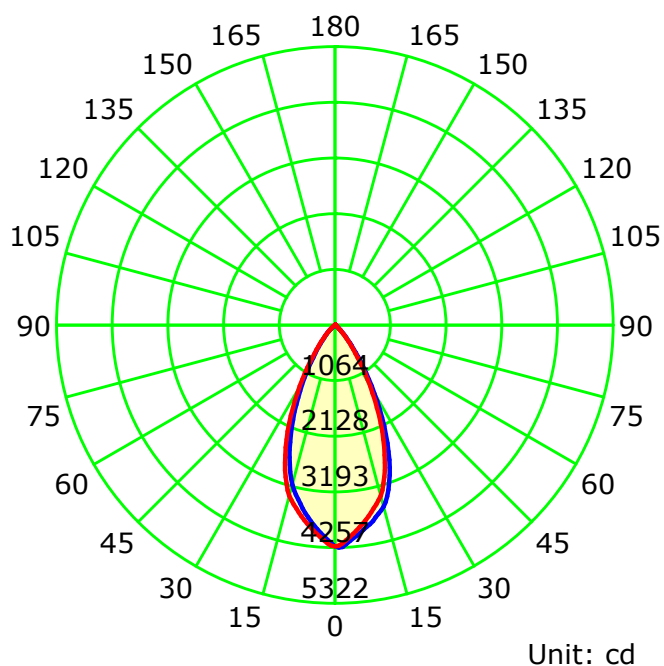
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 0.78

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

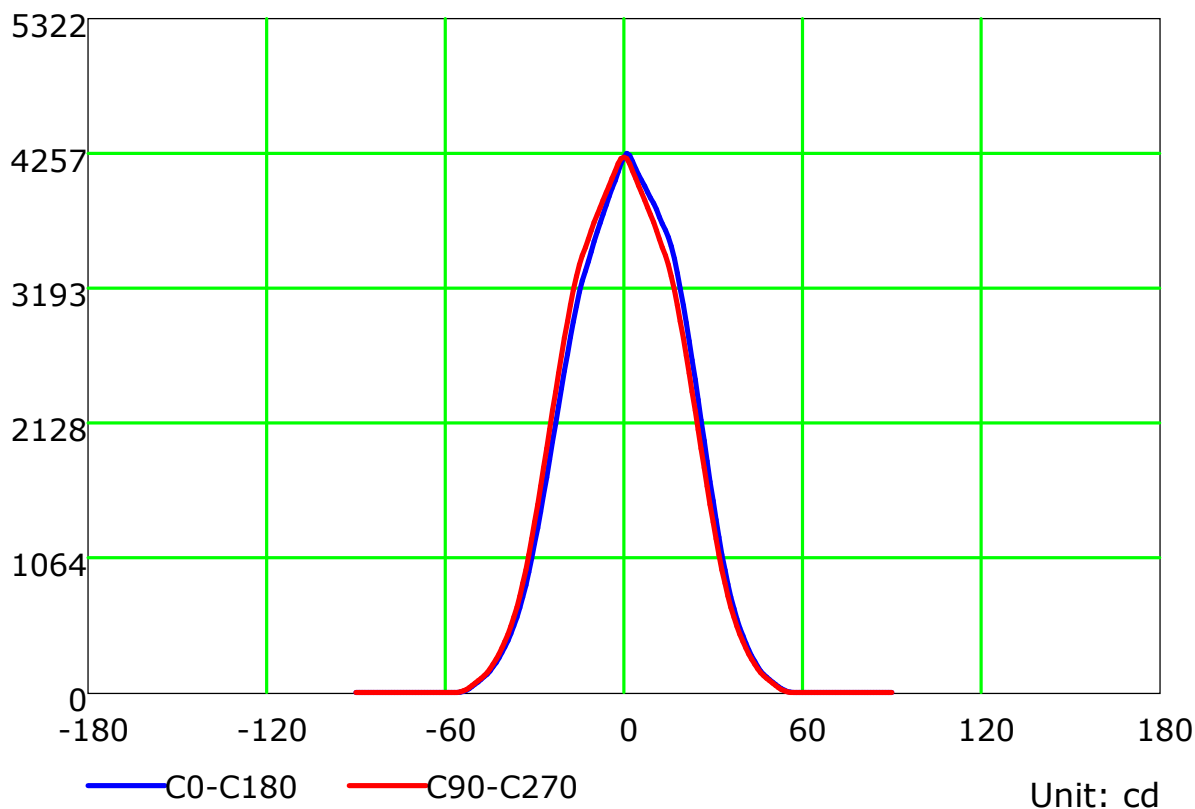
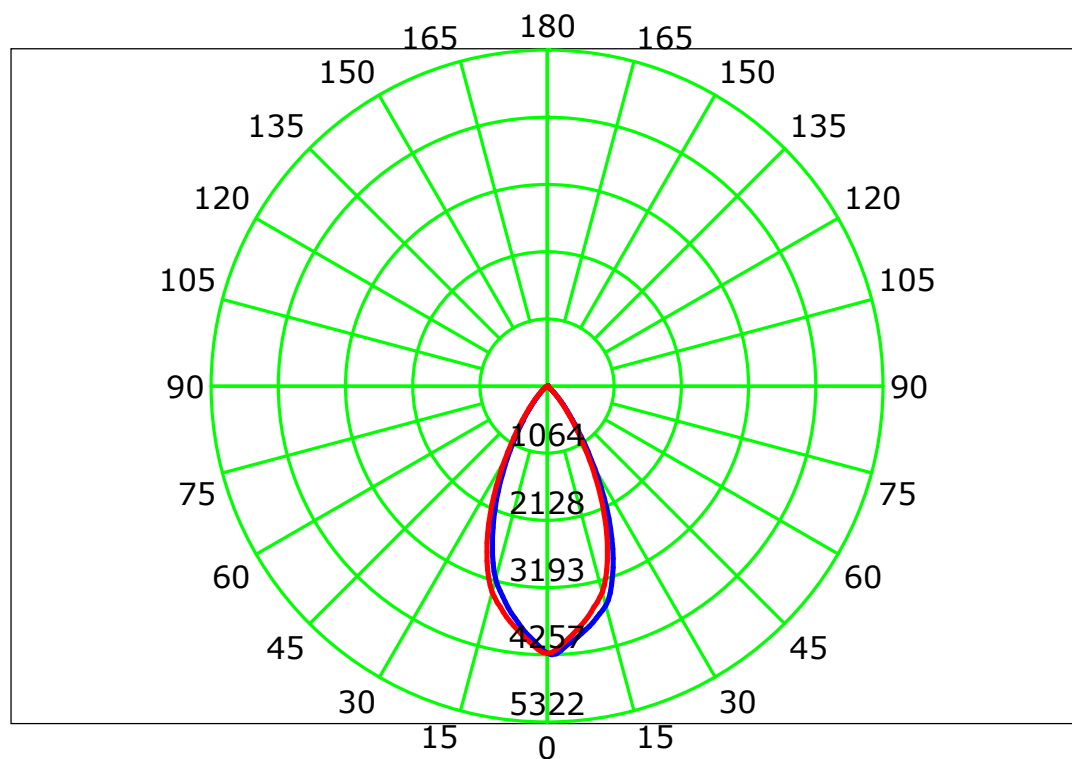
Test Device: CHL-6E

Distance: 2.905 m

Humidity:

Inspector:

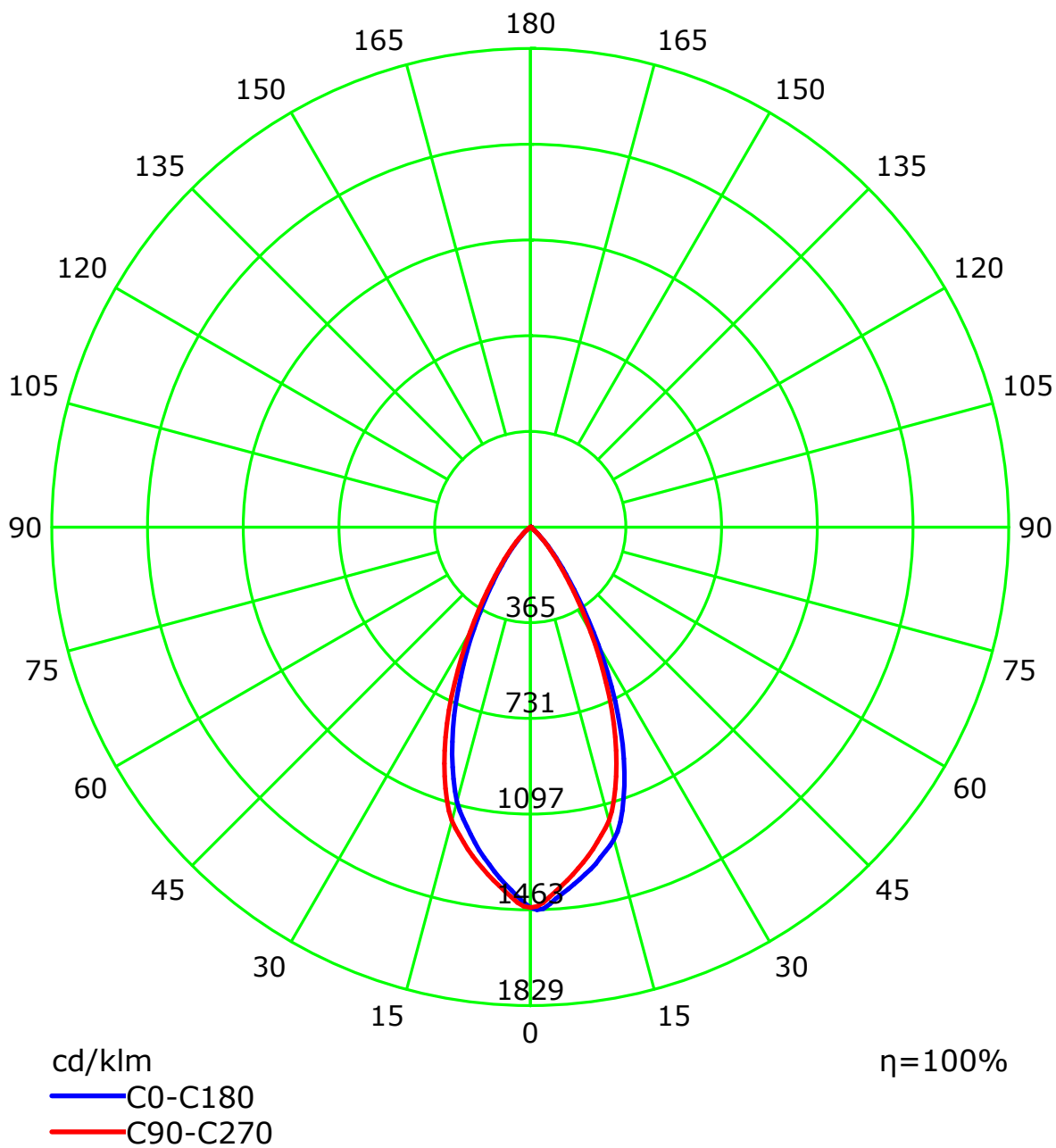
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

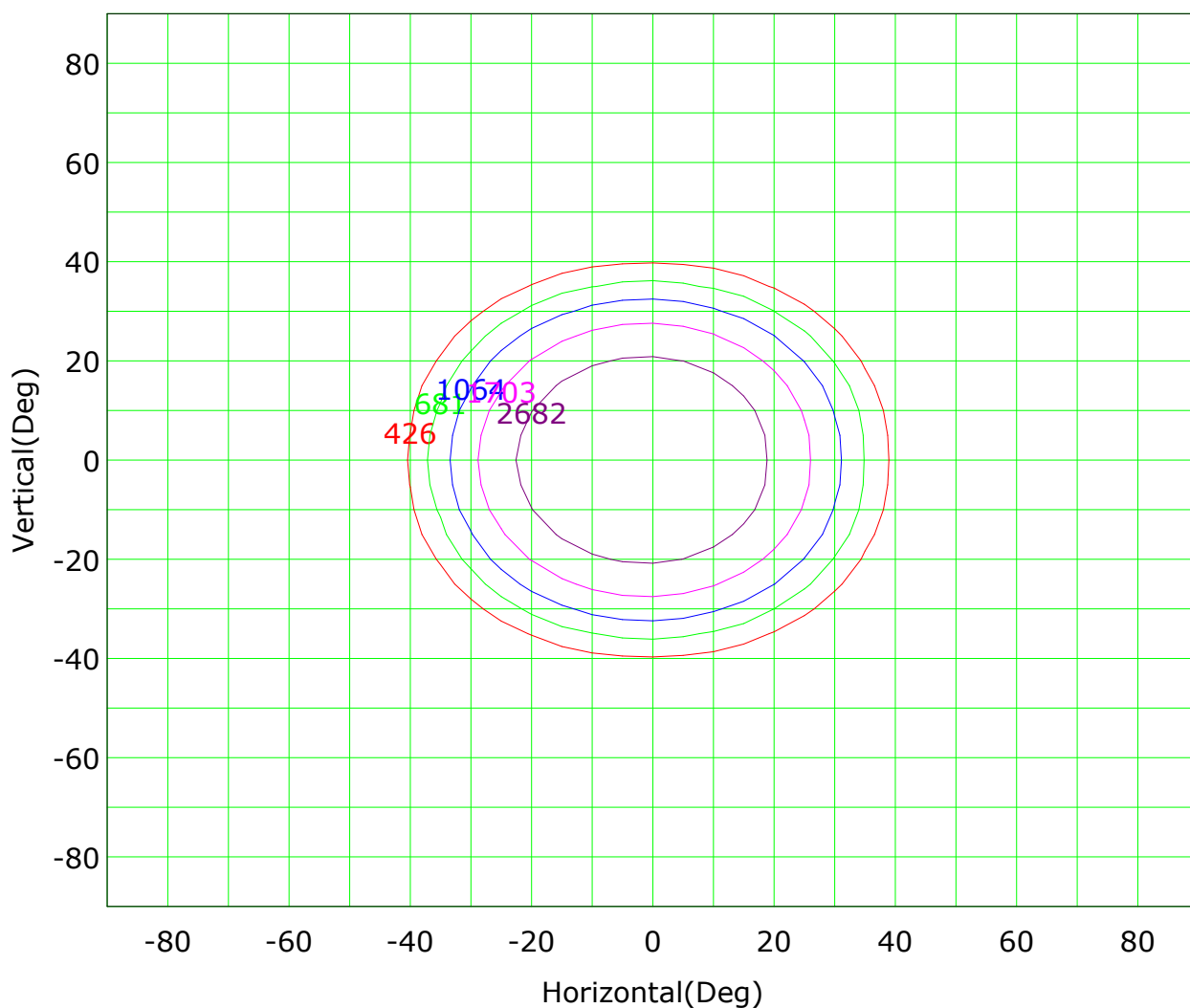
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 4258 cd

| | |
|-----------------|-----------------|
| (10%): 426 cd | (16%): 681 cd |
| (25%): 1064 cd | (40%): 1703 cd |
| (63%): 2682 cd | (100%): 4258 cd |

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

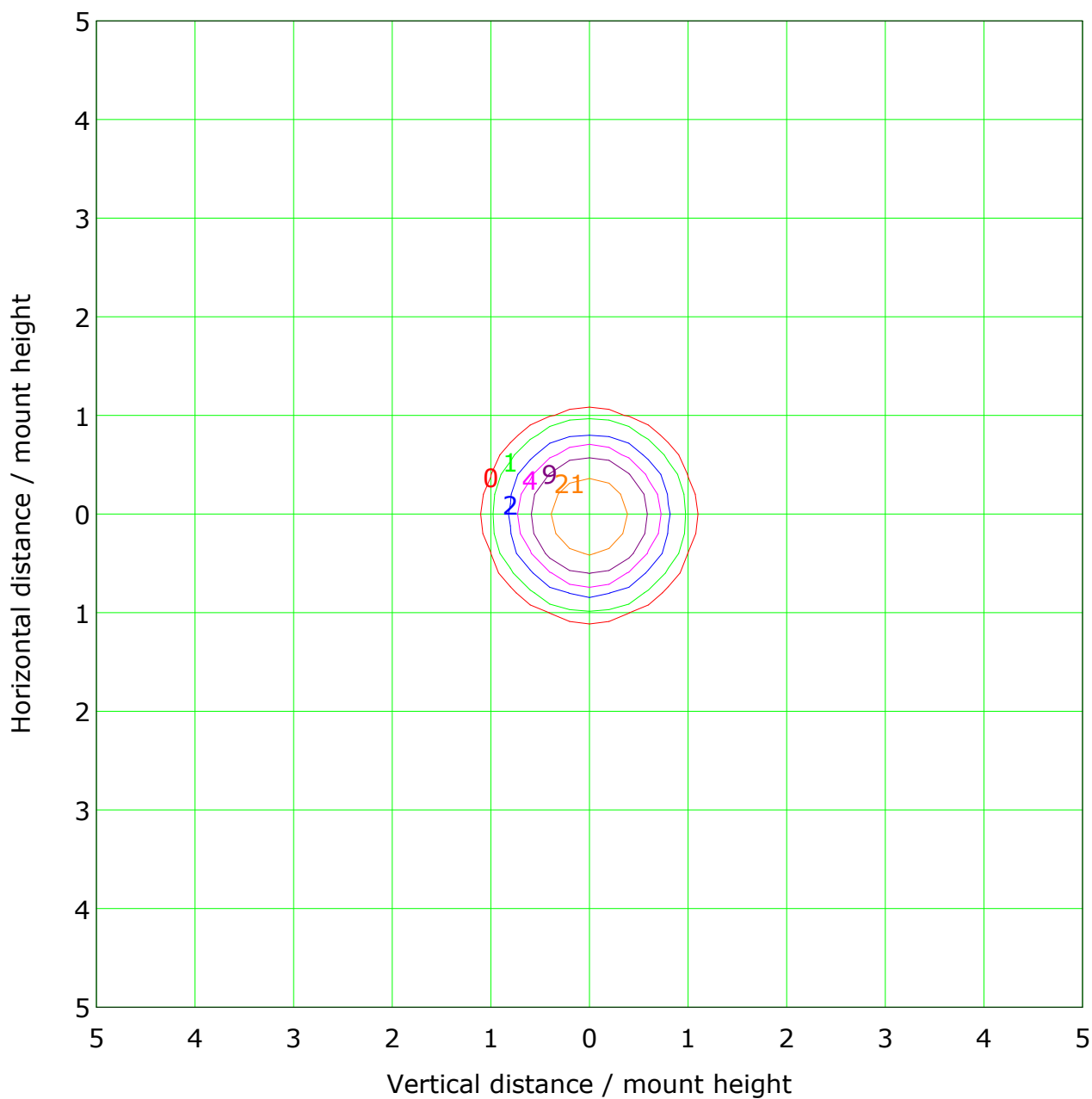
Test Device: CHL-6E

Distance: 2.905 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 42.6 lx

| | |
|-----------------|-----------------|
| (1%): 0.4 lx | (2%): 0.9 lx |
| (5%): 2.1 lx | (10%): 4.3 lx |
| (20%): 8.5 lx | (50%): 21.3 lx |
| (100%): 42.6 lx | |

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

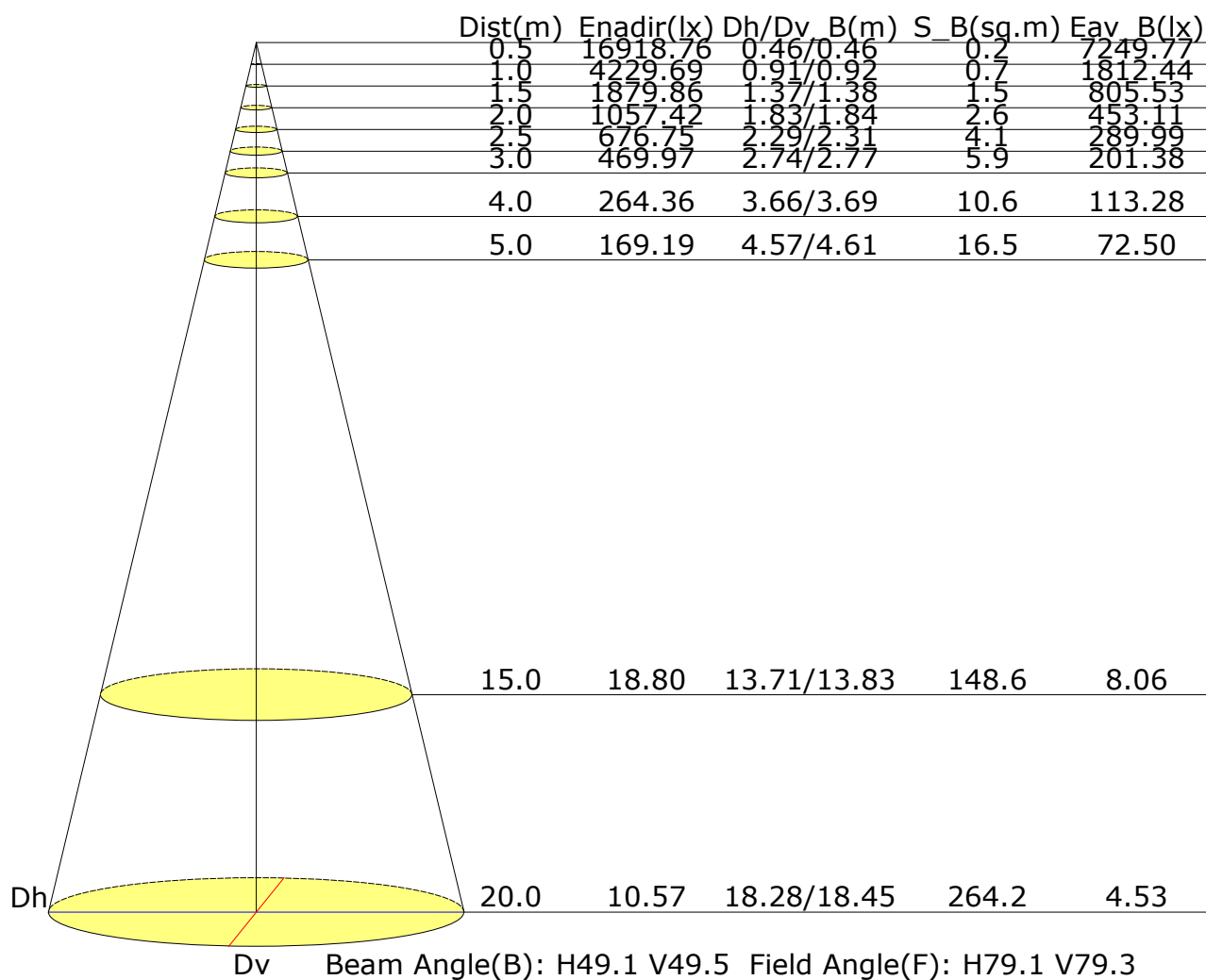
Test Device: CHL-6E

Distance: 2.905 m

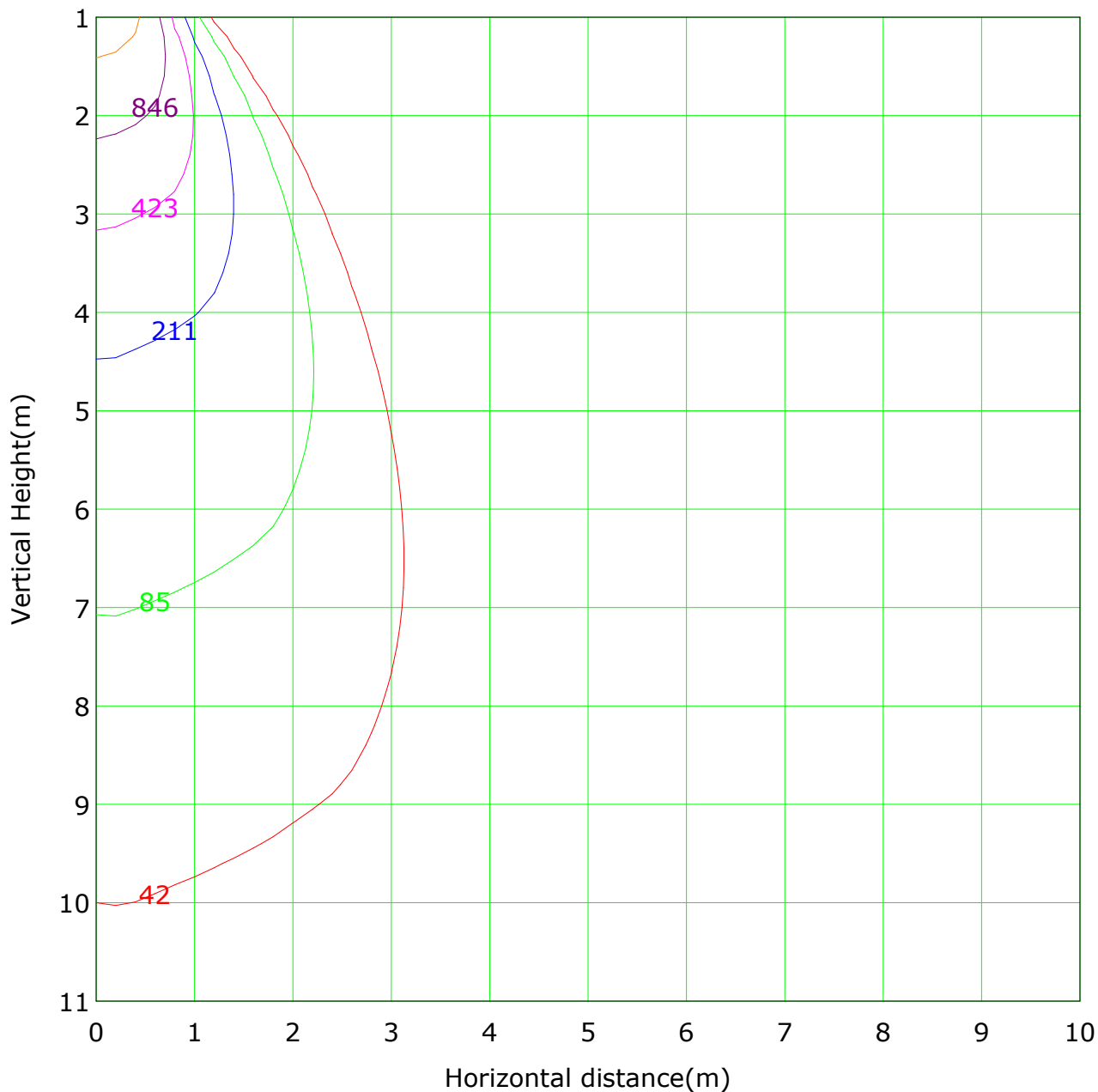
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4229.7 lx
— (1%): 42.3 lx — (2%): 84.6 lx
— (5%): 211.5 lx — (10%): 423.0 lx
— (20%): 845.9 lx — (50%): 2114.8 lx
— (100%): 4229.7 lx

C Plane (°): 0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-90.0: 1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

| Vertical plane | | | | | | | | | | | | | | | | | | | Horizontal plane | | | | | | | | | | | | | | | | | | |
|----------------|-----|-----|-----|-----|------|------|-------|-------|-------|-------|--------|-------|------|-------|-------|-------|-------|------|------------------|---------|---------|-----|-----|-----|-----|-------|-------|--|--|--|--|--|--|--|--|--|--|
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) | | | | | | | | | | | | | | | | |
| -90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | | | | | | | | | | |
| -80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 3.0 | 13.1 | 38.2 | 72.9 | 96.5 | 99.3 | 80.4 | 44.9 | 15.6 | 3.5 | 0.2 | 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 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 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 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| -50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | | | | | | | | | | |
| -40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 | 0.0 | | | | | | | | | | |
| -30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.3 | 77.6 | | | | | | | | | | |
| -20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 272.8 | 257.6 | | | | | | | | | | |
| -10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 3.0 | 13.1 | 38.2 | 72.9 | 96.5 | 99.3 | 80.4 | 44.9 | 15.6 | 3.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 467.7 | 455.8 | | | | | | | | | | |
| 0 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 581.2 | 570.4 | | | | | | | | | | |
| 10 | 0.0 | 0.0 | 0.0 | 0.3 | 4.0 | 17.1 | 49.6 | 89.7 | 114.8 | 118.5 | 100.3 | 60.4 | 21.4 | 4.7 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 581.2 | 570.4 | | | | | | | | | | |
| 20 | 0.0 | 0.0 | 0.0 | 0.1 | 3.0 | 13.1 | 38.2 | 72.9 | 96.5 | 99.3 | 80.4 | 44.9 | 15.6 | 3.5 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 467.7 | 455.8 | | | | | | | | | | |
| 30 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 7.4 | 21.0 | 42.2 | 59.3 | 61.1 | 46.0 | 23.9 | 8.5 | 1.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 272.8 | 257.6 | | | | | | | | | | |
| 40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 2.9 | 8.4 | 16.2 | 22.9 | 23.4 | 17.3 | 9.1 | 3.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.3 | 77.6 | | | | | | | | | | |
| 50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 2.0 | 4.2 | 6.0 | 6.0 | 4.4 | 2.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 25.8 | 0.0 | | | | | | | | | | |
| 60 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.5 | 0.5 | 0.3 | 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 | 1.7 | 0.0 | | | | | | | | | | |
| 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | | | |
| 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | | | | | | | | | | |
| Flux(T) | 0.0 | 0.0 | 0.0 | 0.8 | 17.8 | 81.9 | 238.3 | 451.1 | 600.0 | 617.7 | 7497.5 | 281.3 | 98.6 | 21.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2908 | | | | | | | | | | | |
| Flux(E) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.1 | 220.8 | 435.4 | 585.3 | 603.1 | 1482.4 | 264.3 | 76.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 2723 | | | | | | | | | | |

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

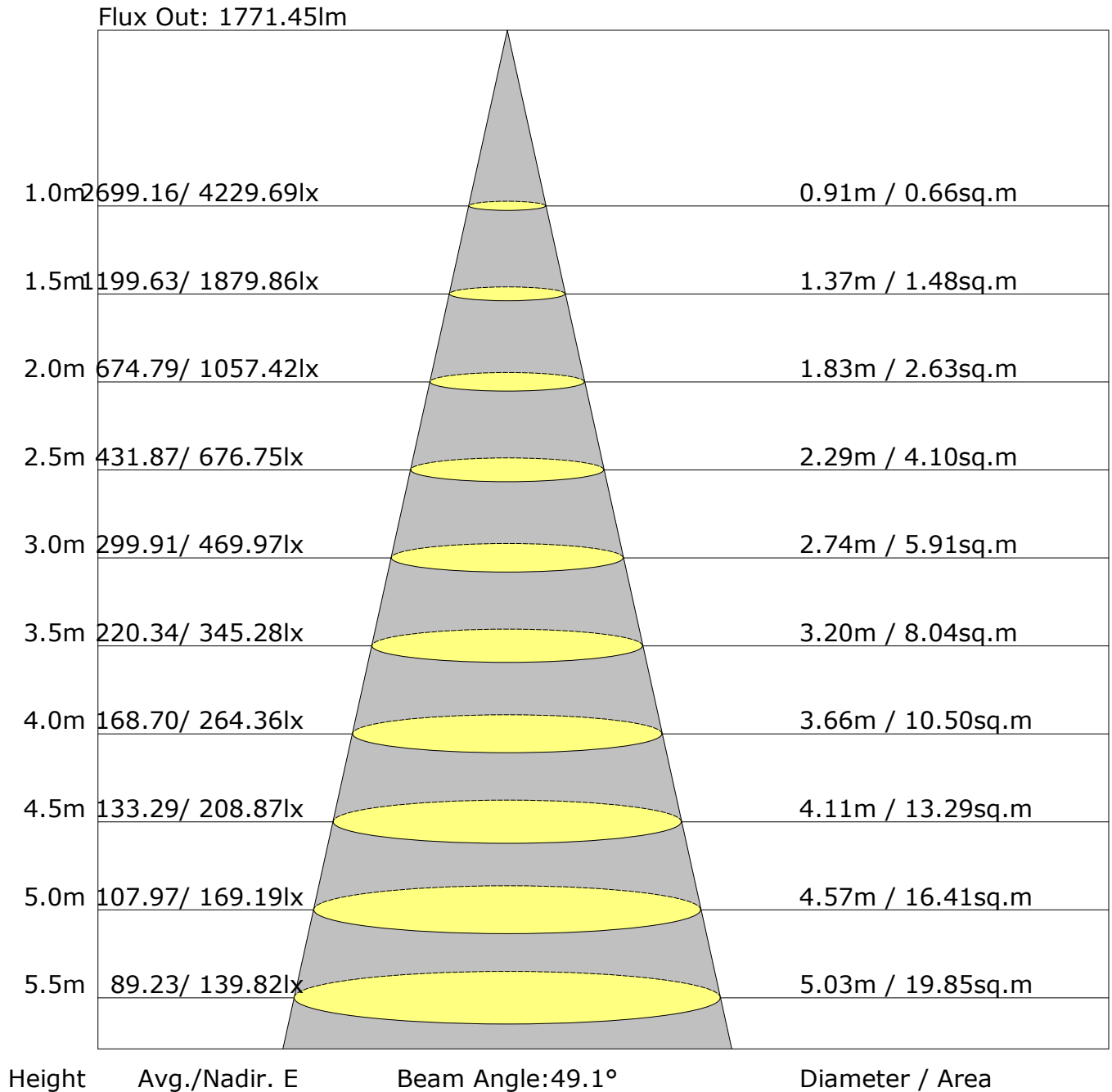
Test Device: CHL-6E

Distance: 2.905 m

Humidity:

Inspector:

The Average Illuminance Effective Figure



UGR Table

| | | | | | | | | | | |
|----------------------------------------------------|------------------|------|------|------|------|----------------|------|------|------|------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Reference plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H Y=2H | 21.0 | 21.8 | 21.2 | 22.0 | 22.2 | 20.5 | 21.4 | 20.8 | 21.6 | 21.8 |
| 3H | 20.8 | 21.6 | 21.1 | 21.8 | 22.1 | 20.4 | 21.1 | 20.7 | 21.4 | 21.6 |
| 4H | 20.8 | 21.5 | 21.1 | 21.7 | 22.0 | 20.3 | 21.0 | 20.6 | 21.3 | 21.5 |
| 6H | 20.7 | 21.3 | 21.0 | 21.6 | 21.9 | 20.2 | 20.9 | 20.6 | 21.2 | 21.5 |
| 8H | 20.7 | 21.3 | 21.0 | 21.6 | 21.9 | 20.2 | 20.8 | 20.5 | 21.1 | 21.4 |
| 12H | 20.6 | 21.2 | 21.0 | 21.5 | 21.8 | 20.2 | 20.8 | 20.5 | 21.1 | 21.4 |
| X=4H Y=2H | 20.8 | 21.5 | 21.1 | 21.7 | 22.0 | 20.3 | 21.0 | 20.6 | 21.3 | 21.5 |
| 3H | 20.6 | 21.2 | 21.0 | 21.5 | 21.8 | 20.2 | 20.8 | 20.5 | 21.1 | 21.4 |
| 4H | 20.5 | 21.1 | 20.9 | 21.4 | 21.7 | 20.1 | 20.6 | 20.5 | 20.9 | 21.3 |
| 6H | 20.5 | 20.9 | 20.9 | 21.3 | 21.7 | 20.0 | 20.5 | 20.4 | 20.8 | 21.2 |
| 8H | 20.4 | 20.8 | 20.8 | 21.2 | 21.6 | 20.0 | 20.4 | 20.4 | 20.8 | 21.2 |
| 12H | 20.4 | 20.7 | 20.8 | 21.1 | 21.6 | 19.9 | 20.3 | 20.4 | 20.7 | 21.1 |
| X=8H Y=4H | 20.4 | 20.8 | 20.8 | 21.2 | 21.6 | 20.0 | 20.4 | 20.4 | 20.8 | 21.2 |
| 6H | 20.3 | 20.7 | 20.8 | 21.1 | 21.5 | 19.9 | 20.2 | 20.3 | 20.6 | 21.1 |
| 8H | 20.3 | 20.6 | 20.7 | 21.0 | 21.5 | 19.8 | 20.1 | 20.3 | 20.6 | 21.0 |
| 12H | 20.2 | 20.5 | 20.7 | 21.0 | 21.4 | 19.8 | 20.0 | 20.3 | 20.5 | 21.0 |
| X=12H Y=4H | 20.4 | 20.7 | 20.8 | 21.1 | 21.6 | 19.9 | 20.3 | 20.4 | 20.7 | 21.1 |
| 6H | 20.3 | 20.6 | 20.7 | 21.0 | 21.5 | 19.8 | 20.1 | 20.3 | 20.6 | 21.0 |
| 8H | 20.2 | 20.5 | 20.7 | 21.0 | 21.4 | 19.8 | 20.0 | 20.3 | 20.5 | 21.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S=1.0H | +4.7/-21.9 | | | | | +4.6/-23.2 | | | | |
| S=1.5H | +7.5/-36.0 | | | | | +7.3/-36.2 | | | | |
| S=2.0H | +9.5/-39.4 | | | | | +9.3/-39.3 | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 2908lm ($8\log(F/F_0) = 3.7$).

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

| | ZONE | LUMENS | % LAMP LUMENS |
|--|----------------|--------|---------------|
| | FORWARD LIGHT | 1518 | 52.2 |
| | FL (0°-30°) | 1166 | 40.1 |
| | FM (30°-60°) | 352 | 12.1 |
| | FH (60°-80°) | 0 | 0.0 |
| | FVH (80°-90°) | 0 | 0.0 |
| | BACK LIGHT | 1390 | 47.8 |
| | BL (0°-30°) | 1077 | 37.0 |
| | BM (30°-60°) | 313 | 10.8 |
| | BH (60°-80°) | 0 | 0.0 |
| | BVH (80°-90°) | 0 | 0.0 |
| | UP LIGHT | 0 | 0.0 |
| | UL (90°-100°) | 0 | 0.0 |
| | UH (100°-180°) | 0 | 0.0 |
| | TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|------------------------------------------------------------------|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B3 U0 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B3 U0 G0 |

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
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 | 4223.9 | 4.0 | 4.0 | 0.14 | 0.14 |
| 1.0-2.0 | 4198.3 | 12.1 | 16.1 | 0.41 | 0.55 |
| 2.0-3.0 | 4149.2 | 19.8 | 35.9 | 0.68 | 1.24 |
| 3.0-4.0 | 4090.2 | 27.4 | 63.3 | 0.94 | 2.18 |
| 4.0-5.0 | 4032.4 | 34.7 | 98.0 | 1.19 | 3.37 |
| 5.0-6.0 | 3977.1 | 41.8 | 139.8 | 1.44 | 4.81 |
| 6.0-7.0 | 3920.0 | 48.7 | 188.5 | 1.67 | 6.48 |
| 7.0-8.0 | 3860.7 | 55.3 | 243.7 | 1.90 | 8.38 |
| 8.0-9.0 | 3803.0 | 61.6 | 305.4 | 2.12 | 10.50 |
| 9.0-10.0 | 3744.6 | 67.8 | 373.2 | 2.33 | 12.83 |
| 10.0-11.0 | 3681.7 | 73.6 | 446.7 | 2.53 | 15.36 |
| 11.0-12.0 | 3614.7 | 79.0 | 525.8 | 2.72 | 18.08 |
| 12.0-13.0 | 3548.6 | 84.2 | 610.0 | 2.90 | 20.97 |
| 13.0-14.0 | 3484.7 | 89.2 | 699.2 | 3.07 | 24.04 |
| 14.0-15.0 | 3416.5 | 93.8 | 793.0 | 3.23 | 27.27 |
| 15.0-16.0 | 3334.5 | 97.7 | 890.7 | 3.36 | 30.63 |
| 16.0-17.0 | 3233.8 | 100.7 | 991.4 | 3.46 | 34.09 |
| 17.0-18.0 | 3119.1 | 102.9 | 1094.3 | 3.54 | 37.63 |
| 18.0-19.0 | 2995.4 | 104.2 | 1198.5 | 3.58 | 41.21 |
| 19.0-20.0 | 2865.4 | 104.9 | 1303.4 | 3.61 | 44.82 |
| 20.0-21.0 | 2730.8 | 104.9 | 1408.3 | 3.61 | 48.42 |
| 21.0-22.0 | 2591.9 | 104.2 | 1512.5 | 3.58 | 52.01 |
| 22.0-23.0 | 2448.8 | 102.8 | 1615.2 | 3.53 | 55.54 |
| 23.0-24.0 | 2302.5 | 100.7 | 1715.9 | 3.46 | 59.00 |
| 24.0-25.0 | 2153.5 | 97.9 | 1813.8 | 3.37 | 62.37 |
| 25.0-26.0 | 2002.6 | 94.5 | 1908.4 | 3.25 | 65.62 |
| 26.0-27.0 | 1851.8 | 90.6 | 1999.0 | 3.12 | 68.73 |
| 27.0-28.0 | 1702.8 | 86.2 | 2085.2 | 2.96 | 71.70 |
| 28.0-29.0 | 1556.9 | 81.5 | 2166.7 | 2.80 | 74.50 |
| 29.0-30.0 | 1415.9 | 76.5 | 2243.1 | 2.63 | 77.13 |
| 30.0-31.0 | 1280.8 | 71.3 | 2314.4 | 2.45 | 79.58 |
| 31.0-32.0 | 1151.7 | 66.0 | 2380.4 | 2.27 | 81.85 |
| 32.0-33.0 | 1029.5 | 60.7 | 2441.1 | 2.09 | 83.94 |
| 33.0-34.0 | 916.1 | 55.5 | 2496.5 | 1.91 | 85.84 |
| 34.0-35.0 | 812.6 | 50.5 | 2547.0 | 1.74 | 87.58 |
| 35.0-36.0 | 718.8 | 45.8 | 2592.8 | 1.57 | 89.15 |

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
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 | 635.0 | 41.4 | 2634.2 | 1.42 | 90.58 |
| 37.0-38.0 | 559.9 | 37.4 | 2671.6 | 1.29 | 91.86 |
| 38.0-39.0 | 492.8 | 33.6 | 2705.2 | 1.16 | 93.02 |
| 39.0-40.0 | 432.7 | 30.2 | 2735.4 | 1.04 | 94.05 |
| 40.0-41.0 | 378.6 | 27.0 | 2762.3 | 0.93 | 94.98 |
| 41.0-42.0 | 329.3 | 23.9 | 2786.3 | 0.82 | 95.80 |
| 42.0-43.0 | 284.5 | 21.1 | 2807.3 | 0.72 | 96.53 |
| 43.0-44.0 | 243.8 | 18.4 | 2825.7 | 0.63 | 97.16 |
| 44.0-45.0 | 206.5 | 15.9 | 2841.6 | 0.55 | 97.71 |
| 45.0-46.0 | 173.1 | 13.5 | 2855.2 | 0.47 | 98.17 |
| 46.0-47.0 | 145.6 | 11.6 | 2866.7 | 0.40 | 98.57 |
| 47.0-48.0 | 123.3 | 10.0 | 2876.7 | 0.34 | 98.91 |
| 48.0-49.0 | 103.5 | 8.5 | 2885.2 | 0.29 | 99.21 |
| 49.0-50.0 | 84.4 | 7.0 | 2892.2 | 0.24 | 99.45 |
| 50.0-51.0 | 65.6 | 5.6 | 2897.8 | 0.19 | 99.64 |
| 51.0-52.0 | 47.8 | 4.1 | 2901.9 | 0.14 | 99.78 |
| 52.0-53.0 | 32.2 | 2.8 | 2904.7 | 0.10 | 99.88 |
| 53.0-54.0 | 19.3 | 1.7 | 2906.4 | 0.06 | 99.94 |
| 54.0-55.0 | 9.6 | 0.9 | 2907.3 | 0.03 | 99.97 |
| 55.0-56.0 | 3.8 | 0.3 | 2907.6 | 0.01 | 99.98 |
| 56.0-57.0 | 1.3 | 0.1 | 2907.7 | 0.00 | 99.98 |
| 57.0-58.0 | 0.4 | 0.0 | 2907.8 | 0.00 | 99.98 |
| 58.0-59.0 | 0.2 | 0.0 | 2907.8 | 0.00 | 99.98 |
| 59.0-60.0 | 0.2 | 0.0 | 2907.8 | 0.00 | 99.98 |
| 60.0-61.0 | 0.2 | 0.0 | 2907.8 | 0.00 | 99.98 |
| 61.0-62.0 | 0.2 | 0.0 | 2907.8 | 0.00 | 99.99 |
| 62.0-63.0 | 0.3 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 63.0-64.0 | 0.2 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 64.0-65.0 | 0.1 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 65.0-66.0 | 0.1 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 66.0-67.0 | 0.2 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 67.0-68.0 | 0.1 | 0.0 | 2907.9 | 0.00 | 99.99 |
| 68.0-69.0 | 0.1 | 0.0 | 2908.0 | 0.00 | 99.99 |
| 69.0-70.0 | 0.1 | 0.0 | 2908.0 | 0.00 | 99.99 |
| 70.0-71.0 | 0.1 | 0.0 | 2908.0 | 0.00 | 99.99 |
| 71.0-72.0 | 0.1 | 0.0 | 2908.0 | 0.00 | 99.99 |

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C180.0 | | | | | | | | |
|-------|--------|--------|--|--|--|--|--|--|--|--|
| G0.0 | 4229.7 | 4229.7 | | | | | | | | |
| G1.0 | 4257.7 | 4178.6 | | | | | | | | |
| G2.0 | 4244.9 | 4112.1 | | | | | | | | |
| G3.0 | 4194.6 | 4045.1 | | | | | | | | |
| G4.0 | 4138.1 | 3983.0 | | | | | | | | |
| G5.0 | 4089.1 | 3919.5 | | | | | | | | |
| G6.0 | 4047.3 | 3852.3 | | | | | | | | |
| G7.0 | 4000.6 | 3779.7 | | | | | | | | |
| G8.0 | 3953.4 | 3709.2 | | | | | | | | |
| G9.0 | 3908.0 | 3641.5 | | | | | | | | |
| G10.0 | 3864.1 | 3564.7 | | | | | | | | |
| G11.0 | 3815.3 | 3482.6 | | | | | | | | |
| G12.0 | 3756.3 | 3404.6 | | | | | | | | |
| G13.0 | 3702.8 | 3330.6 | | | | | | | | |
| G14.0 | 3652.8 | 3252.7 | | | | | | | | |
| G15.0 | 3596.7 | 3163.6 | | | | | | | | |
| G16.0 | 3524.7 | 3053.0 | | | | | | | | |
| G17.0 | 3427.5 | 2929.9 | | | | | | | | |
| G18.0 | 3312.1 | 2806.7 | | | | | | | | |
| G19.0 | 3188.4 | 2674.4 | | | | | | | | |
| G20.0 | 3058.6 | 2540.2 | | | | | | | | |
| G21.0 | 2921.1 | 2403.3 | | | | | | | | |
| G22.0 | 2777.9 | 2265.1 | | | | | | | | |
| G23.0 | 2627.2 | 2125.1 | | | | | | | | |
| G24.0 | 2473.8 | 1983.9 | | | | | | | | |
| G25.0 | 2315.6 | 1840.7 | | | | | | | | |
| G26.0 | 2153.8 | 1700.3 | | | | | | | | |
| G27.0 | 1990.7 | 1562.5 | | | | | | | | |
| G28.0 | 1829.3 | 1428.5 | | | | | | | | |
| G29.0 | 1668.7 | 1301.0 | | | | | | | | |
| G30.0 | 1514.8 | 1179.2 | | | | | | | | |
| G31.0 | 1367.7 | 1061.3 | | | | | | | | |
| G32.0 | 1226.7 | 951.0 | | | | | | | | |
| G33.0 | 1091.5 | 848.6 | | | | | | | | |
| G34.0 | 969.7 | 754.8 | | | | | | | | |
| G35.0 | 855.3 | 670.4 | | | | | | | | |
| G36.0 | 754.5 | 595.0 | | | | | | | | |

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C180.0 | | | | | | | | |
|-------|-------|--------|--|--|--|--|--|--|--|--|
| G37.0 | 664.3 | 526.3 | | | | | | | | |
| G38.0 | 583.6 | 465.4 | | | | | | | | |
| G39.0 | 511.4 | 410.6 | | | | | | | | |
| G40.0 | 447.6 | 361.1 | | | | | | | | |
| G41.0 | 389.5 | 316.1 | | | | | | | | |
| G42.0 | 336.6 | 275.2 | | | | | | | | |
| G43.0 | 288.9 | 237.3 | | | | | | | | |
| G44.0 | 245.6 | 203.2 | | | | | | | | |
| G45.0 | 205.3 | 171.9 | | | | | | | | |
| G46.0 | 170.1 | 145.3 | | | | | | | | |
| G47.0 | 143.1 | 123.9 | | | | | | | | |
| G48.0 | 121.7 | 104.8 | | | | | | | | |
| G49.0 | 101.8 | 85.7 | | | | | | | | |
| G50.0 | 82.8 | 67.1 | | | | | | | | |
| G51.0 | 63.8 | 48.8 | | | | | | | | |
| G52.0 | 45.9 | 32.7 | | | | | | | | |
| G53.0 | 30.6 | 19.6 | | | | | | | | |
| G54.0 | 18.2 | 8.9 | | | | | | | | |
| G55.0 | 8.5 | 2.8 | | | | | | | | |
| G56.0 | 3.2 | 0.7 | | | | | | | | |
| G57.0 | 1.1 | 0.1 | | | | | | | | |
| G58.0 | 0.4 | 0.0 | | | | | | | | |
| G59.0 | 0.4 | 0.0 | | | | | | | | |
| G60.0 | 0.4 | 0.0 | | | | | | | | |
| G61.0 | 0.4 | 0.0 | | | | | | | | |
| G62.0 | 0.4 | 0.0 | | | | | | | | |
| G63.0 | 0.4 | 0.3 | | | | | | | | |
| G64.0 | 0.1 | 0.0 | | | | | | | | |
| G65.0 | 0.1 | 0.0 | | | | | | | | |
| G66.0 | 0.3 | 0.1 | | | | | | | | |
| G67.0 | 0.1 | 0.3 | | | | | | | | |
| G68.0 | 0.1 | 0.0 | | | | | | | | |
| G69.0 | 0.1 | 0.0 | | | | | | | | |
| G70.0 | 0.1 | 0.3 | | | | | | | | |
| G71.0 | 0.1 | 0.0 | | | | | | | | |
| G72.0 | 0.1 | 0.0 | | | | | | | | |
| G73.0 | 0.3 | 0.0 | | | | | | | | |

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 2.905 m
Humidity:
Inspector:

Unit: cd

Inspector: