

Report No.:

Test Time: 2025/11/22 17:28:06

LUMINAIRE PHOTOMETRIC TEST REPORT

Luminaire Property

Manufacturer: 0
 Luminaire Type: 49936LEDDCS
 Lamp Type:
 Luminous Width: 0 mm
 Luminous Length: 0 mm
 Luminous Height: 0 mm

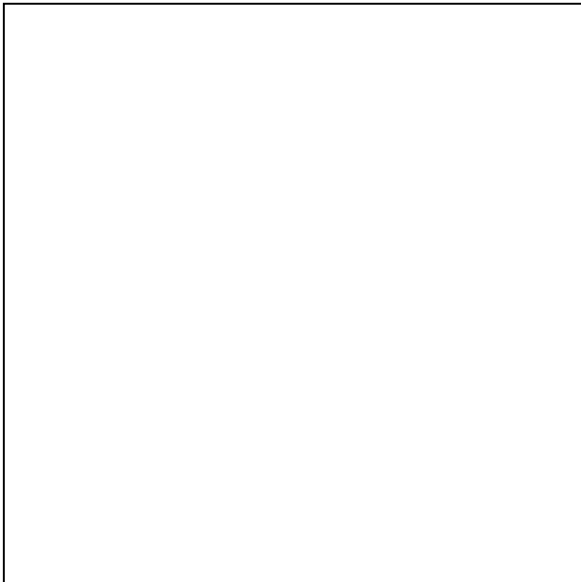
Voltage(V): 118.90 V
 Current(A): 0.2680 A
 Power(W): 29.54 W
 Power Factor: 0.9240
 Lamp Luminous Flux: 1302.66

Photometric Results

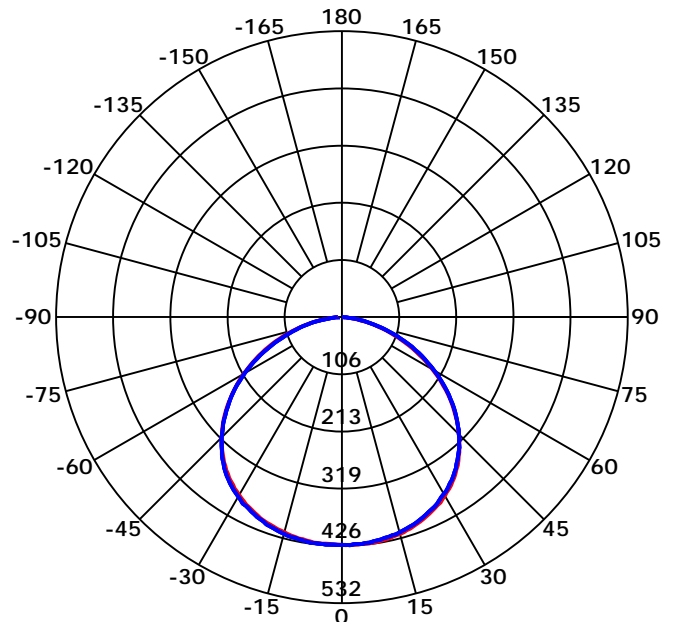
Luminaire Luminous Flux: 1302.664 lm
 Downward Ratio: 100.00%
 Luminaire Efficacy Rating(LER): 44.10 lm/W
 Beam Angle(50%) C0-180,C90-270: 117.7,117.8
 Field Angle(10%) C0-180,C90-270: 161.0,161.0
 S/MH C0-180,C90-270: 1.349,1.349

Max. Intensity: 425.98 cd
 Max.Intensity Angle: C=315 Gamma=5
 Upward Ratio: 0.00%
 Efficacy: 100.00%
 Center Intensity: 424.10 cd
 Effective Luminous Flux: 1282.96 lm
 ERP(φ use)(120deg): 1029.85 lm

Picture of Luminaire



Luminous Intensity Distribution Curve



Beam Angle(50%) C0-180,C90-270: 117.7 deg,117.8 deg

Average Beam Angle:117.7 deg

C0-180 — C90-270 —

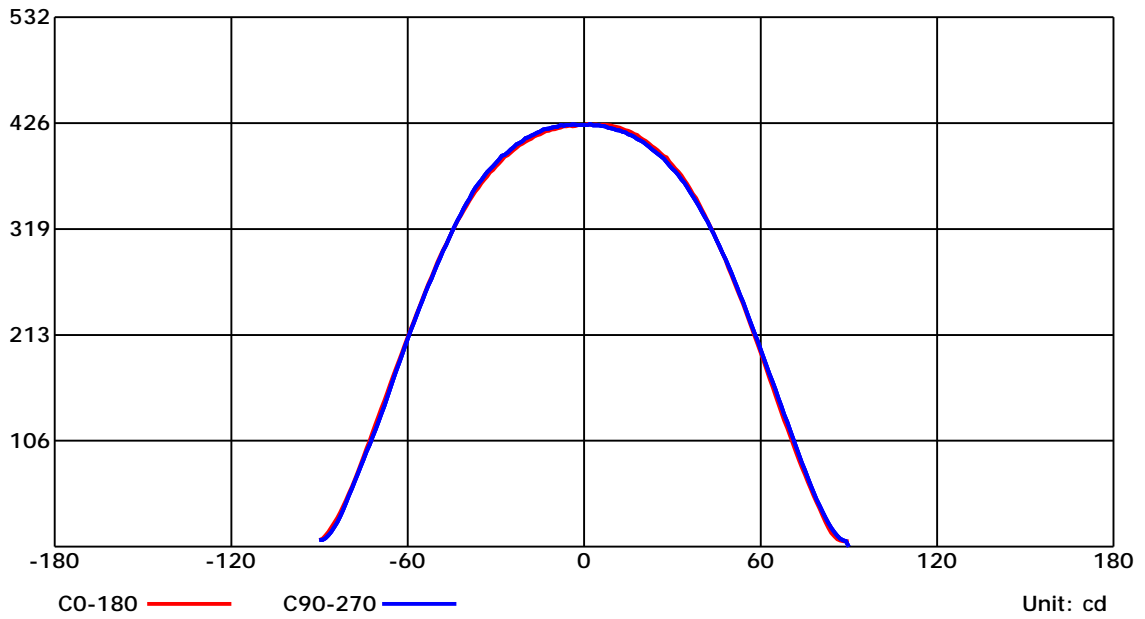
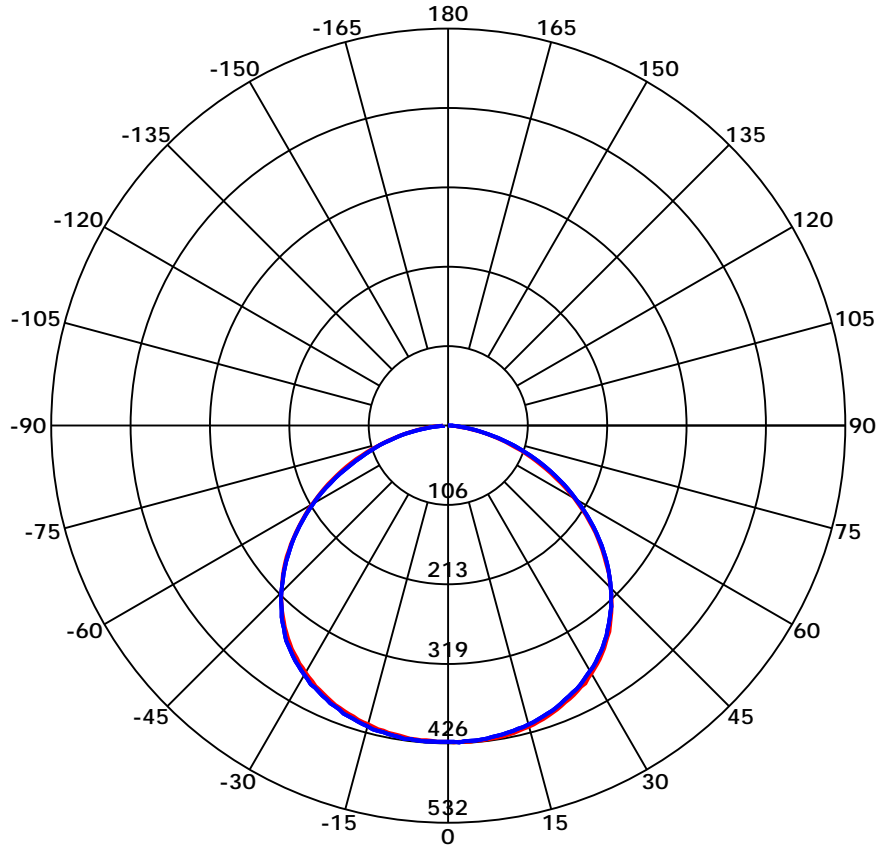
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

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Luminous Intensity Distribution Curve



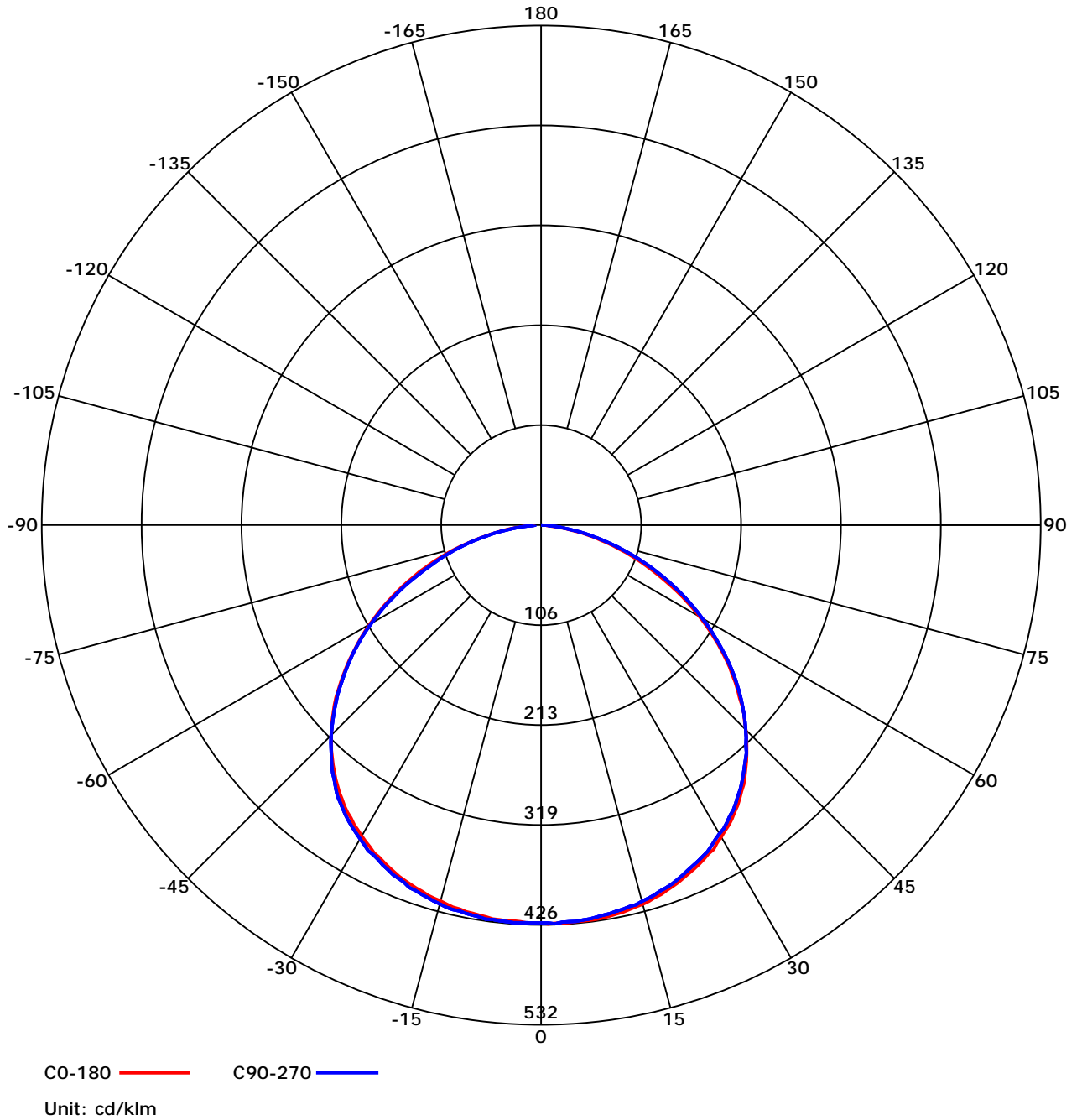
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
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Luminous Intensity Distribution Curve



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity: 65

Test Distance: 6.25 m

Remarks:

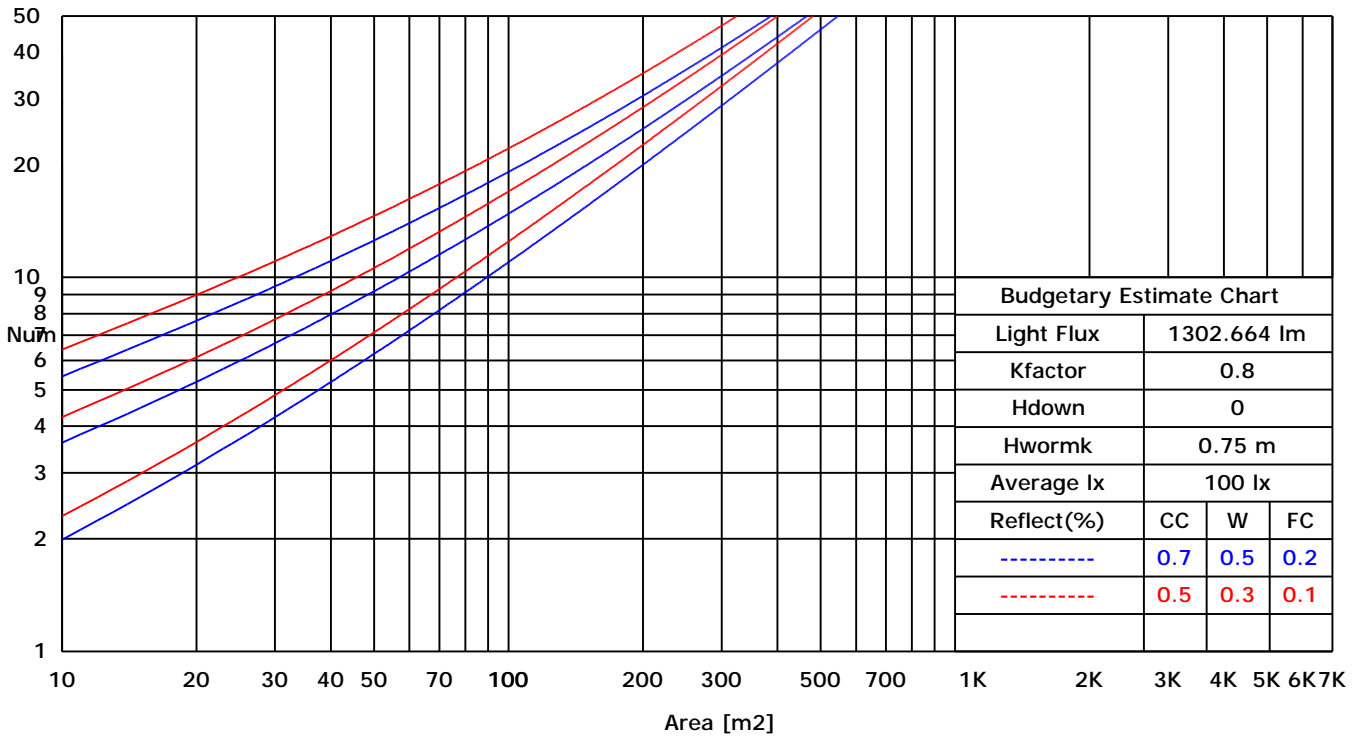
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UTILIZATION FACTORS TABLE

| RHOCC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|-------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RHOW | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | COEFFICIENTS OF UTILIZATION FOR RHOFC=20 | | | | | | | | | | | | | | | |
| 0 | 1.17 | 1.17 | 1.17 | 1.14 | 1.14 | 1.14 | 1.09 | 1.09 | 1.09 | 1.05 | 1.05 | 1.05 | 1.00 | 1.00 | 1.00 | 0.98 |
| 1 | 1.04 | 1.02 | 1.01 | 1.03 | 1.01 | 0.99 | 0.99 | 0.97 | 0.95 | 0.94 | 0.92 | 0.90 | 0.88 | 0.86 | 0.83 | 0.78 |
| 2 | 0.88 | 0.85 | 0.84 | 0.87 | 0.84 | 0.82 | 0.85 | 0.82 | 0.79 | 0.82 | 0.78 | 0.75 | 0.77 | 0.73 | 0.70 | 0.65 |
| 3 | 0.75 | 0.72 | 0.70 | 0.75 | 0.71 | 0.69 | 0.74 | 0.69 | 0.66 | 0.72 | 0.67 | 0.63 | 0.68 | 0.63 | 0.59 | 0.55 |
| 4 | 0.65 | 0.62 | 0.60 | 0.65 | 0.61 | 0.59 | 0.65 | 0.60 | 0.56 | 0.63 | 0.58 | 0.54 | 0.61 | 0.55 | 0.50 | 0.46 |
| 5 | 0.56 | 0.53 | 0.51 | 0.57 | 0.53 | 0.50 | 0.57 | 0.52 | 0.48 | 0.56 | 0.51 | 0.46 | 0.55 | 0.49 | 0.44 | 0.40 |
| 6 | 0.49 | 0.47 | 0.45 | 0.50 | 0.46 | 0.44 | 0.51 | 0.46 | 0.42 | 0.51 | 0.45 | 0.40 | 0.50 | 0.44 | 0.38 | 0.35 |
| 7 | 0.44 | 0.41 | 0.40 | 0.45 | 0.41 | 0.39 | 0.46 | 0.41 | 0.37 | 0.46 | 0.40 | 0.36 | 0.46 | 0.39 | 0.34 | 0.31 |
| 8 | 0.39 | 0.37 | 0.35 | 0.40 | 0.37 | 0.34 | 0.41 | 0.37 | 0.33 | 0.42 | 0.36 | 0.32 | 0.42 | 0.35 | 0.30 | 0.27 |
| 9 | 0.35 | 0.33 | 0.31 | 0.36 | 0.33 | 0.31 | 0.38 | 0.33 | 0.30 | 0.39 | 0.33 | 0.29 | 0.39 | 0.32 | 0.27 | 0.24 |
| 10 | 0.32 | 0.30 | 0.28 | 0.33 | 0.30 | 0.28 | 0.35 | 0.30 | 0.27 | 0.36 | 0.30 | 0.26 | 0.36 | 0.30 | 0.25 | 0.22 |

LUMINAIRE BUDGETARY ESTIMATE DIAGRAM



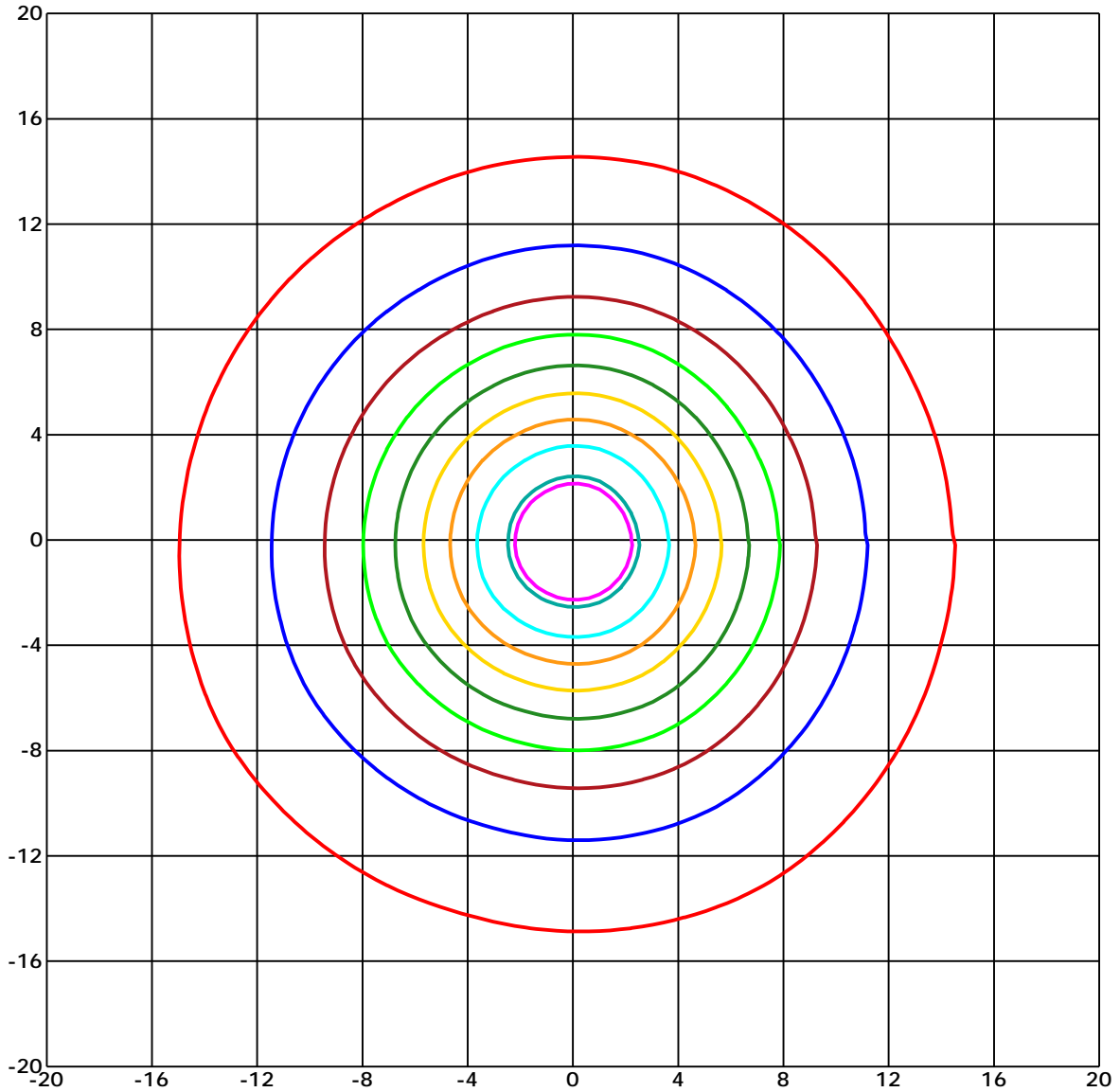
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

ISOLX DIAGRAM



Unit of illumination: lx Height of plane: 10.0(m)/32.81(ft)

- | | |
|------------------|------------------|
| — 3.912(92%Emax) | — 2.126(50%Emax) |
| — 3.826(90%Emax) | — 1.701(40%Emax) |
| — 3.401(80%Emax) | — 1.275(30%Emax) |
| — 2.976(70%Emax) | — 0.85(20%Emax) |
| — 2.551(60%Emax) | — 0.425(10%Emax) |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity: 65

Test Distance: 6.25 m

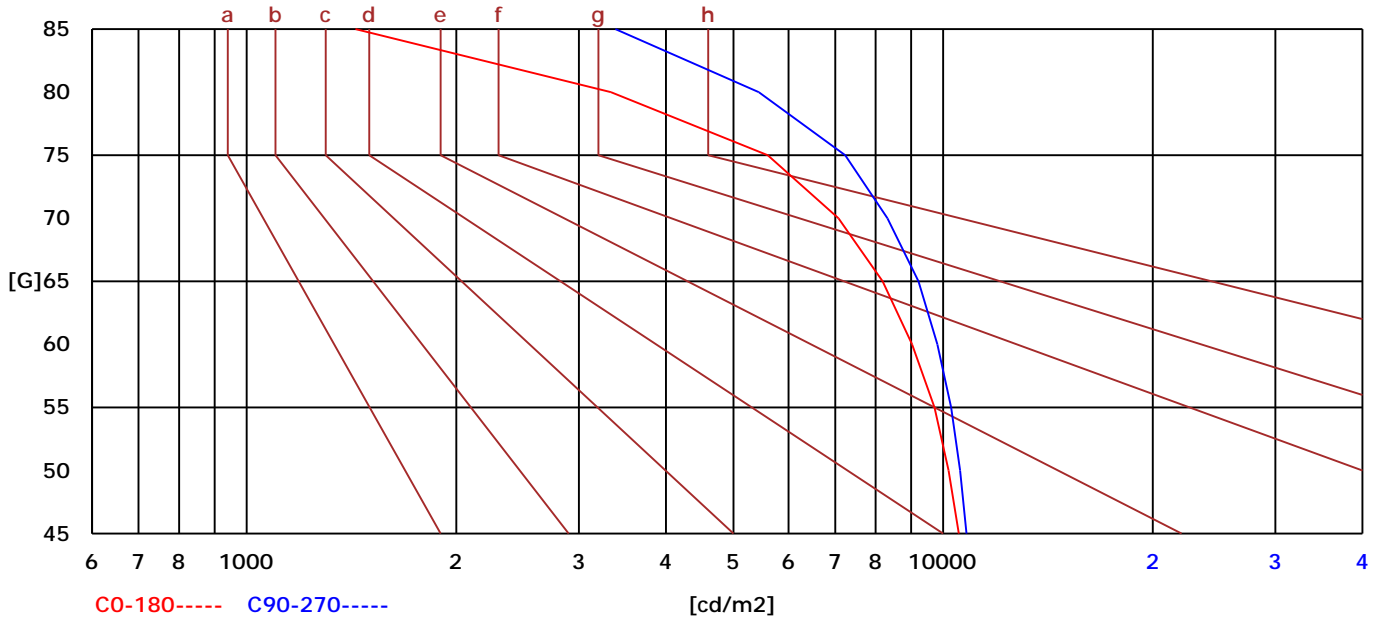
Remarks:

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BRIGHT LIMIT DIAGRAM

| | | | | | | | | | |
|--------|---------|-------------|-------|------|-------|-------|-------|-------|-------|
| C/G | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
| C0 | 10528 | 10187 | 9715 | 9027 | 8185 | 7078 | 5599 | 3335 | 1434 |
| C90 | 10808 | 10582 | 10273 | 9811 | 9215 | 8317 | 7233 | 5438 | 3384 |
| Dazzle | Quality | Illuminance | --- | --- | --- | --- | --- | --- | --- |
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.2 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |
| --- | --- | a | b | c | d | e | f | g | h |



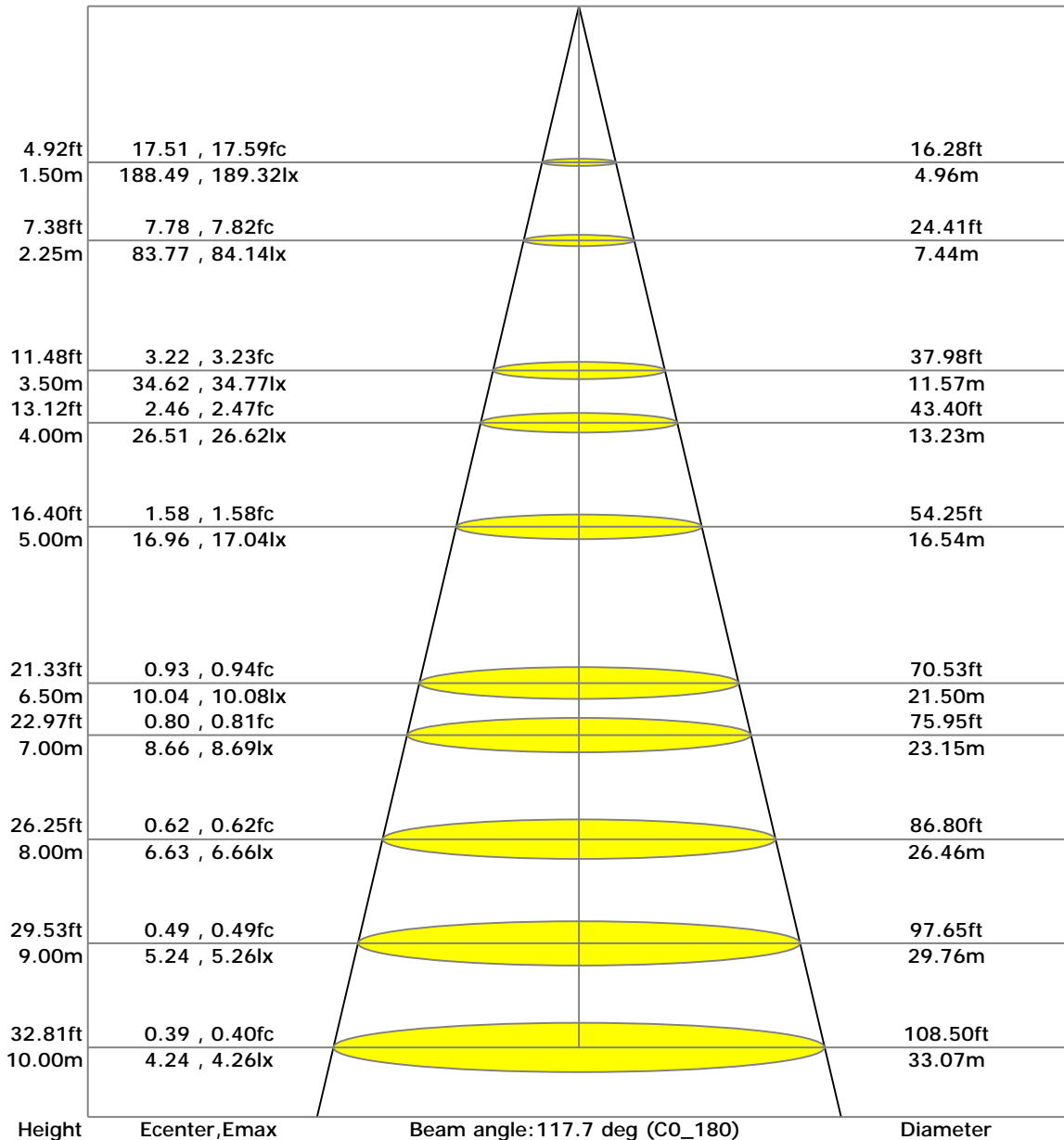
C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

LX-DISTANCE DIAGRAM



C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity: 65

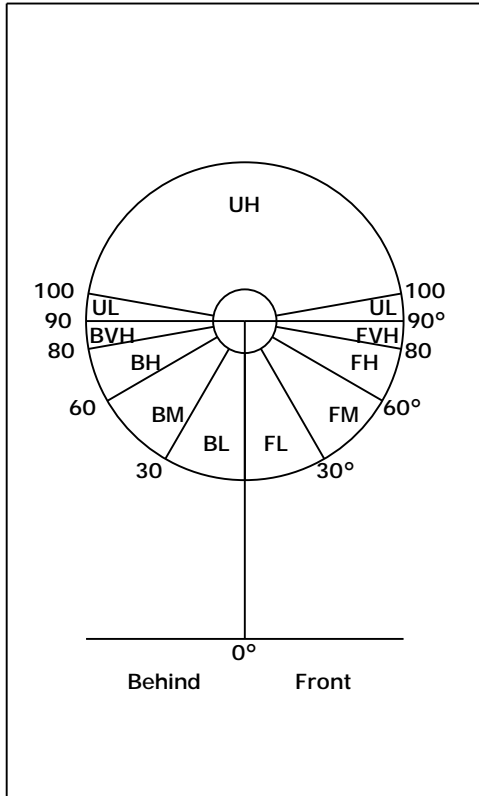
Test Distance: 6.25 m

Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

BUG Class



| Zonal | Light Flux(lm) | Light Flux(%) |
|---------------|----------------|---------------|
| Front | 627.2 | 48.1 |
| FL (0°-30°) | 169.6 | 13.0 |
| FM (30°-60°) | 334.9 | 25.7 |
| FH (60°-80°) | 114.5 | 8.8 |
| FVH (80°-90°) | 8.2 | 0.6 |

| | | |
|---------------|-------|------|
| Behind | 675.5 | 51.9 |
| BL (0°-30°) | 171.9 | 13.2 |
| BM (30°-60°) | 353.5 | 27.1 |
| BH (60°-80°) | 135.3 | 10.4 |
| BVH (80°-90°) | 14.8 | 1.1 |

| | | |
|----------------|-----|-----|
| Above | 0.0 | 0.0 |
| UL (90°-100°) | 0.0 | 0.0 |
| UH (100°-180°) | 0.0 | 0.0 |

| | | |
|-------------|----|----|
| Limit Light | NA | NA |
|-------------|----|----|

| BUG Class(TM-15-07) | |
|--|----------|
| Asymmetric Lighting Fixtures (Type I , II , III , IV) | B1 U0 G1 |
| Symmetrical Lighting Fixtures (Type V , Area Light) | B1 U0 G1 |

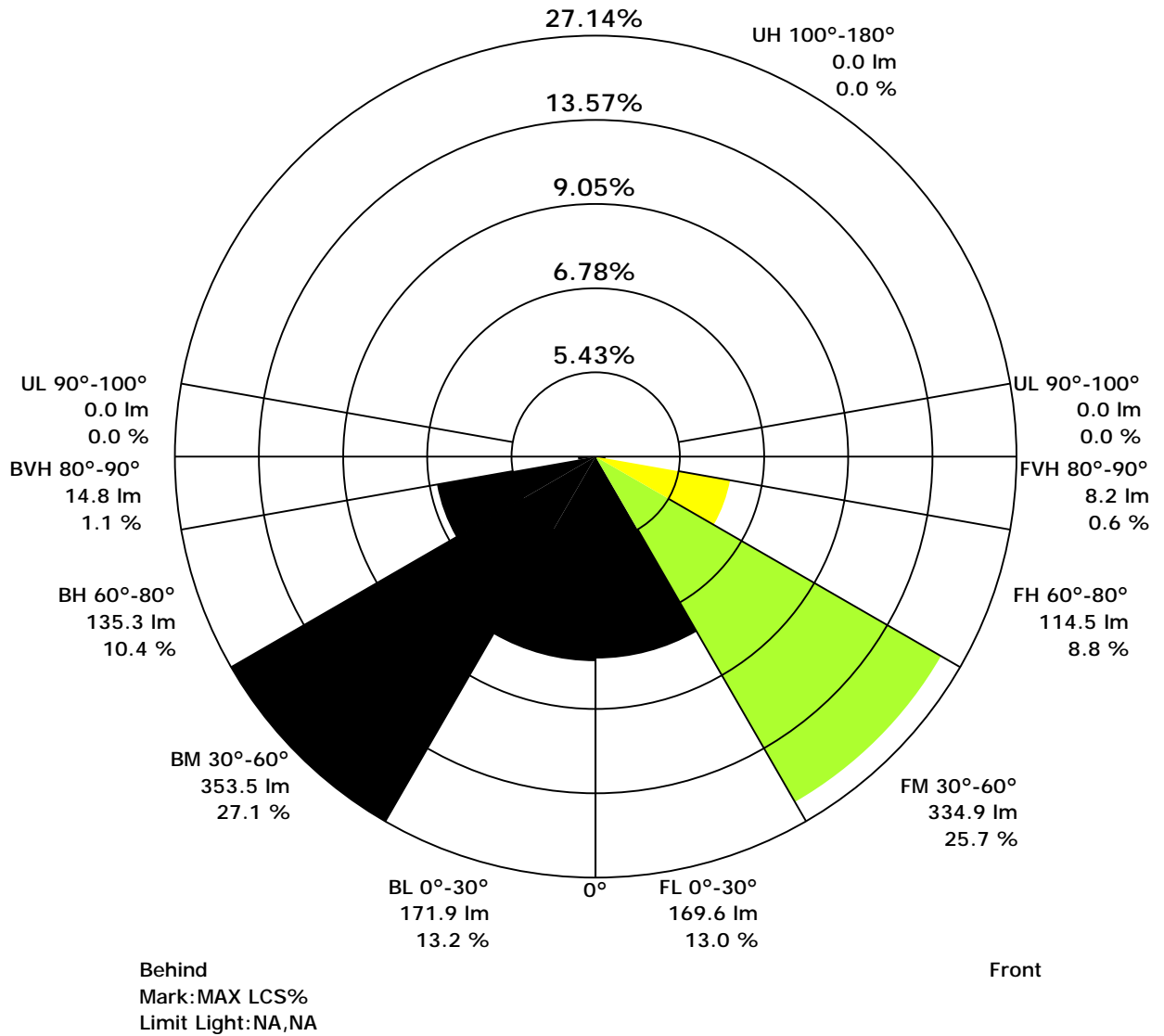
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 C Interval: 45.0 Deg
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 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

LCS 图



C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

UGR(Unified Glare Rating) TABLE

| RHOCC | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
|------------------|-----|----------------|-------|-------|-------|-------|------------------|-------|-------|-------|-------|
| RHOW | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| RHOF | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room Size X Y | | Viewed Endwise | | | | | Viewed Crosswise | | | | |
| 2H | 2H | 21.72 | 22.48 | 21.47 | 22.52 | 22.64 | 21.95 | 22.71 | 21.71 | 22.75 | 22.87 |
| | 3H | 21.45 | 22.15 | 21.29 | 22.24 | 22.42 | 21.64 | 22.35 | 21.48 | 22.44 | 22.61 |
| | 4H | 21.25 | 21.92 | 21.14 | 22.04 | 22.25 | 21.44 | 22.10 | 21.32 | 22.22 | 22.43 |
| | 6H | 21.02 | 21.65 | 20.95 | 21.80 | 22.05 | 21.20 | 21.83 | 21.13 | 21.98 | 22.22 |
| | 8H | 20.90 | 21.50 | 20.86 | 21.67 | 21.94 | 21.08 | 21.68 | 21.03 | 21.85 | 22.12 |
| | 12H | 20.77 | 21.35 | 20.76 | 21.54 | 21.83 | 20.95 | 21.53 | 20.94 | 21.72 | 22.00 |
| 4H | 2H | 23.12 | 23.79 | 23.00 | 23.91 | 24.12 | 23.68 | 24.34 | 23.56 | 24.46 | 24.67 |
| | 3H | 22.91 | 23.49 | 22.89 | 23.67 | 23.96 | 23.43 | 24.01 | 23.42 | 24.20 | 24.49 |
| | 4H | 22.72 | 23.25 | 22.77 | 23.47 | 23.81 | 23.23 | 23.76 | 23.27 | 23.98 | 24.31 |
| | 6H | 22.49 | 22.96 | 22.60 | 23.22 | 23.60 | 22.98 | 23.45 | 23.09 | 23.71 | 24.09 |
| | 8H | 22.36 | 22.80 | 22.50 | 23.08 | 23.49 | 22.84 | 23.28 | 22.98 | 23.56 | 23.97 |
| | 12H | 22.22 | 22.63 | 22.40 | 22.92 | 23.36 | 22.71 | 23.11 | 22.88 | 23.41 | 23.85 |
| 8H | 4H | 23.10 | 23.71 | 23.06 | 23.87 | 24.14 | 23.82 | 24.42 | 23.77 | 24.59 | 24.85 |
| | 6H | 22.50 | 22.87 | 22.71 | 23.18 | 23.65 | 23.23 | 23.59 | 23.44 | 23.91 | 24.38 |
| | 8H | 22.38 | 22.70 | 22.62 | 23.04 | 23.54 | 23.10 | 23.42 | 23.34 | 23.76 | 24.25 |
| | 12H | 22.25 | 22.53 | 22.53 | 22.88 | 23.41 | 22.96 | 23.24 | 23.24 | 23.60 | 24.12 |
| 12H | 4H | 22.62 | 23.02 | 22.80 | 23.32 | 23.76 | 23.42 | 23.82 | 23.59 | 24.12 | 24.56 |
| | 6H | 22.40 | 22.73 | 22.65 | 23.06 | 23.56 | 23.20 | 23.53 | 23.45 | 23.86 | 24.36 |

C Range: 0 - 360 Deg
 C Interval: 45.0 Deg
 Test Speed: High
 Temperature: 25
 Operators:
 Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

ZONAL LUMINOUS FLUX TABLE-2

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | φ zonal | φ total | %lum | %lamp |
|----|-------|-------|-------|-------|-------|-------|-------|-------|----|---------|---------|-------|-------|
| 10 | 422.9 | 419.9 | 420.3 | 419.8 | 420.0 | 422.0 | 422.1 | 424.5 | 10 | 40.4 | 40.4 | 3.1 | 3.1 |
| 20 | 409.7 | 404.4 | 407.0 | 403.4 | 407.4 | 413.0 | 410.8 | 413.8 | 20 | 117.7 | 158.0 | 12.1 | 12.1 |
| 30 | 383.9 | 376.0 | 380.0 | 377.2 | 382.4 | 391.3 | 386.0 | 392.0 | 30 | 183.5 | 341.5 | 26.2 | 26.2 |
| 40 | 339.0 | 327.8 | 336.7 | 333.0 | 343.0 | 355.7 | 345.6 | 354.4 | 40 | 228.5 | 570.0 | 43.8 | 43.8 |
| 50 | 273.3 | 261.9 | 275.6 | 272.1 | 285.7 | 300.9 | 283.6 | 294.4 | 50 | 241.6 | 811.6 | 62.3 | 62.3 |
| 60 | 195.0 | 180.5 | 198.2 | 196.2 | 211.0 | 231.3 | 208.9 | 220.5 | 60 | 218.2 | 1029.8 | 79.1 | 79.1 |
| 70 | 111.1 | 96.8 | 116.9 | 113.8 | 130.8 | 149.4 | 125.0 | 133.9 | 70 | 162.1 | 1192.0 | 91.5 | 91.5 |
| 80 | 38.1 | 23.2 | 41.2 | 37.8 | 53.7 | 70.2 | 51.1 | 54.5 | 80 | 87.7 | 1279.6 | 98.2 | 98.2 |
| 90 | 5.6 | 3.1 | 0.0 | 4.9 | 6.6 | 17.1 | 6.9 | 9.3 | 90 | 23.0 | 1302.7 | 100.0 | 100.0 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Conical surface Flux(90deg) : 691.5 lm

%lum = 53.1%

%lamp = 53.1%

Conical surface Flux(120deg) : 1029.8 lm

%lum = 79.1%

%lamp = 79.1%

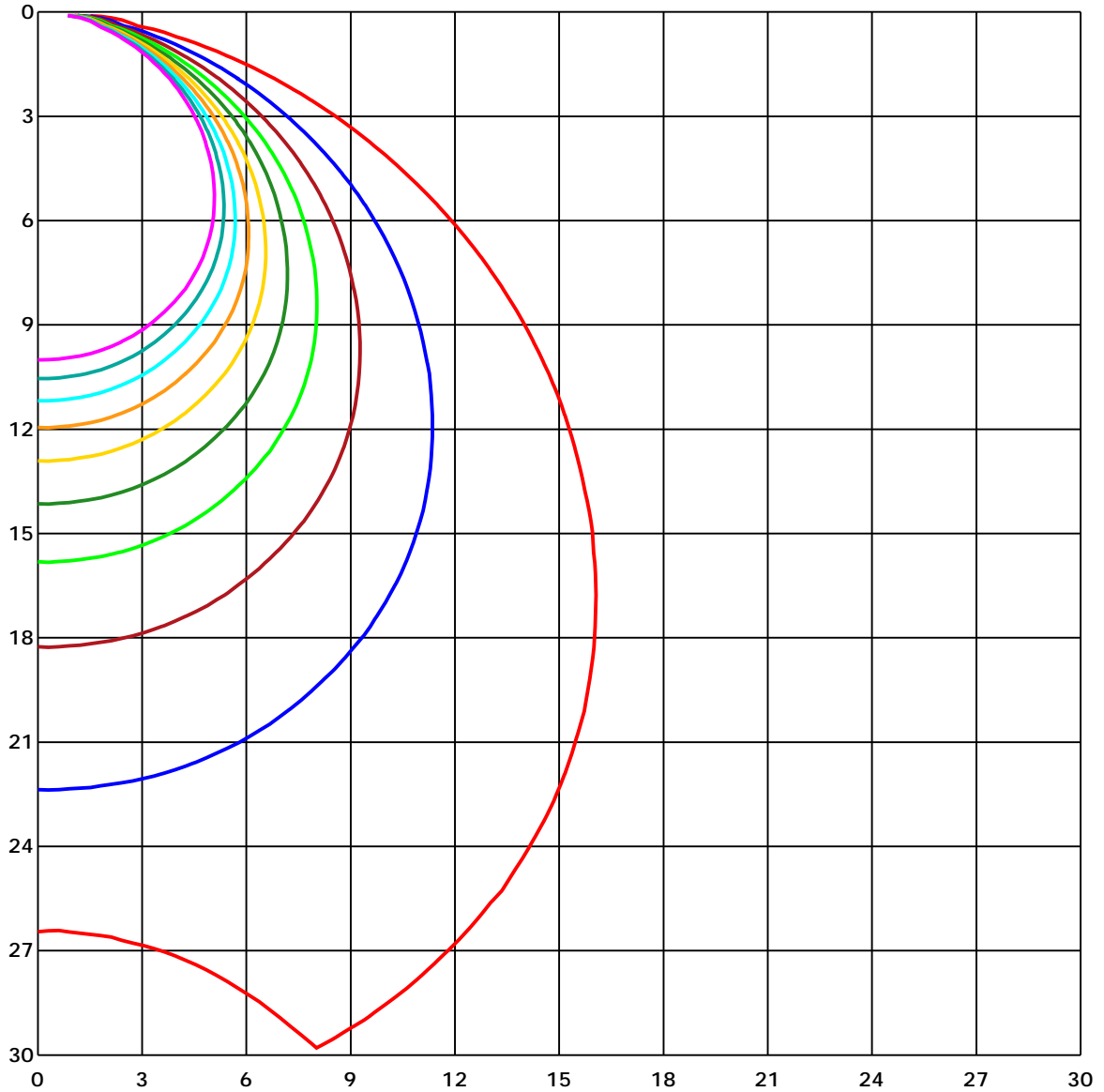
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G Range: 0 - 90 Deg
 G Interval: 1.0 Deg
 Test System: Huipu CPM-2000B Goniophotometer
 Humidity: 65
 Test Distance: 6.25 m
 Remarks:

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SPACE ISOLX DIAGRAM



Unit of illumination: lx

- | | |
|---------|---------|
| — 4.241 | — 2.12 |
| — 3.816 | — 1.696 |
| — 3.392 | — 1.272 |
| — 2.968 | — 0.848 |
| — 2.544 | — 0.424 |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity: 65

Test Distance: 6.25 m

Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

LUMINOUS DISTRIBUTION INTENSITY DATA

| Gamma\C | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | C360 | |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| G0 | 424.1 | 425.23 | 423.95 | 423.55 | 424.1 | 425.23 | 423.95 | 423.55 | 424.1 | |
| G1 | 425.04 | 424.57 | 423.98 | 423.36 | 423.95 | 423.79 | 424.1 | 424.02 | 425.04 | |
| G2 | 424.41 | 424.45 | 425.12 | 423.01 | 424.14 | 424.18 | 424.06 | 423.87 | 424.41 | |
| G3 | 424.45 | 423.55 | 423.75 | 423.09 | 423.09 | 423.52 | 424.34 | 424.26 | 424.45 | |
| G4 | 424.84 | 423.48 | 423.59 | 422.38 | 422.73 | 423.91 | 424.73 | 425.0 | 424.84 | |
| G5 | 424.06 | 423.55 | 423.83 | 422.19 | 423.36 | 423.32 | 424.22 | 425.98 | 424.06 | |
| G6 | 424.41 | 422.5 | 423.13 | 421.37 | 422.81 | 423.36 | 424.1 | 424.84 | 424.41 | |
| G7 | 424.34 | 422.5 | 422.93 | 421.02 | 422.89 | 423.79 | 423.48 | 424.69 | 424.34 | |
| G8 | 423.95 | 421.6 | 421.64 | 420.43 | 421.52 | 423.16 | 424.22 | 425.04 | 423.95 | |
| G9 | 423.75 | 420.43 | 420.86 | 419.57 | 420.78 | 422.42 | 422.62 | 423.87 | 423.75 | |
| G10 | 422.93 | 419.88 | 420.27 | 419.84 | 420.04 | 421.99 | 422.15 | 424.45 | 422.93 | |
| G11 | 422.11 | 419.26 | 419.06 | 417.7 | 419.69 | 422.19 | 421.41 | 422.3 | 422.11 | |
| G12 | 421.41 | 418.28 | 418.44 | 416.48 | 418.2 | 420.94 | 420.39 | 422.46 | 421.41 | |
| G13 | 420.16 | 416.21 | 417.27 | 415.27 | 417.81 | 419.73 | 420.31 | 421.56 | 420.16 | |
| G14 | 419.02 | 415.35 | 416.8 | 413.98 | 416.21 | 418.98 | 419.49 | 421.29 | 419.02 | |
| G15 | 418.2 | 413.91 | 414.84 | 412.73 | 414.57 | 417.85 | 417.77 | 419.88 | 418.2 | |
| G16 | 417.03 | 412.15 | 413.63 | 411.09 | 413.67 | 417.11 | 416.48 | 419.45 | 417.03 | |
| G17 | 415.0 | 410.31 | 412.07 | 408.95 | 412.54 | 415.59 | 414.84 | 417.7 | 415.0 | |
| G18 | 413.95 | 408.28 | 410.0 | 407.89 | 410.23 | 414.77 | 413.44 | 416.05 | 413.95 | |
| G19 | 411.48 | 406.84 | 408.67 | 405.66 | 408.98 | 413.4 | 411.88 | 414.8 | 411.48 | |
| G20 | 409.69 | 404.38 | 407.03 | 403.36 | 407.38 | 413.01 | 410.82 | 413.83 | 409.69 | |
| G21 | 407.85 | 402.77 | 404.73 | 401.91 | 405.55 | 410.94 | 407.89 | 412.66 | 407.85 | |
| G22 | 405.39 | 399.53 | 402.27 | 399.26 | 403.87 | 408.98 | 406.02 | 410.43 | 405.39 | |
| G23 | 402.97 | 397.07 | 399.65 | 397.15 | 401.33 | 407.3 | 404.61 | 408.55 | 402.97 | |
| G24 | 401.02 | 394.61 | 397.38 | 394.22 | 398.91 | 404.88 | 401.8 | 407.07 | 401.02 | |
| G25 | 398.59 | 392.85 | 395.04 | 391.72 | 396.29 | 403.48 | 399.57 | 405.04 | 398.59 | |
| G26 | 395.86 | 388.63 | 392.73 | 388.67 | 393.79 | 401.37 | 396.64 | 402.15 | 395.86 | |
| G27 | 392.89 | 385.27 | 390.27 | 386.17 | 392.07 | 398.83 | 394.18 | 399.96 | 392.89 | |
| G28 | 391.48 | 382.46 | 386.68 | 382.66 | 388.52 | 396.84 | 393.05 | 397.89 | 391.48 | |
| G29 | 386.95 | 379.02 | 383.09 | 379.8 | 385.55 | 393.67 | 389.14 | 394.57 | 386.95 | |
| G30 | 383.91 | 375.98 | 379.96 | 377.19 | 382.38 | 391.33 | 386.02 | 391.95 | 383.91 | |
| G31 | 380.23 | 371.64 | 377.38 | 373.83 | 378.95 | 387.97 | 382.85 | 389.38 | 380.23 | |
| G32 | 376.99 | 367.62 | 373.63 | 370.55 | 376.29 | 385.86 | 379.69 | 386.02 | 376.99 | |
| G33 | 373.44 | 363.52 | 369.22 | 365.59 | 372.19 | 382.93 | 376.64 | 383.52 | 373.44 | |
| G34 | 368.91 | 358.79 | 366.13 | 361.37 | 369.06 | 379.22 | 372.81 | 379.45 | 368.91 | |
| G35 | 364.77 | 354.57 | 361.64 | 357.77 | 365.59 | 376.56 | 368.75 | 376.25 | 364.77 | |
| G36 | 359.84 | 349.34 | 356.68 | 352.54 | 361.05 | 372.58 | 365.0 | 372.62 | 359.84 | |

C Range: 0 - 360 Deg

C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

Humidity: 65

Test Distance: 6.25 m

Remarks:

Report No.:

Test Time: 2025/11/22 17:28:06

LUMINOUS DISTRIBUTION INTENSITY DATA(Continue 1)

| GammaC | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | C360 | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| G37 | 355.0 | 344.73 | 352.38 | 347.81 | 357.19 | 369.18 | 360.9 | 368.28 | 355.0 | |
| G38 | 350.74 | 338.83 | 347.23 | 343.13 | 352.54 | 364.41 | 356.02 | 363.63 | 350.74 | |
| G39 | 344.8 | 334.22 | 342.3 | 338.2 | 348.09 | 360.31 | 350.16 | 359.69 | 344.8 | |
| G40 | 339.02 | 327.81 | 336.68 | 332.97 | 343.05 | 355.66 | 345.63 | 354.38 | 339.02 | |
| G41 | 333.67 | 322.19 | 331.6 | 327.62 | 338.13 | 351.05 | 340.35 | 349.38 | 333.67 | |
| G42 | 327.38 | 316.29 | 326.8 | 322.23 | 333.05 | 346.25 | 334.14 | 343.67 | 327.38 | |
| G43 | 321.02 | 310.08 | 320.12 | 316.33 | 327.81 | 340.86 | 328.4 | 338.75 | 321.02 | |
| G44 | 315.08 | 303.55 | 314.65 | 310.82 | 322.07 | 335.78 | 322.54 | 332.46 | 315.08 | |
| G45 | 308.44 | 297.77 | 308.16 | 305.7 | 316.64 | 330.23 | 316.6 | 326.64 | 308.44 | |
| G46 | 301.29 | 290.66 | 302.3 | 298.44 | 310.16 | 324.49 | 310.04 | 320.82 | 301.29 | |
| G47 | 295.74 | 283.67 | 295.55 | 292.38 | 304.41 | 318.63 | 303.28 | 314.34 | 295.74 | |
| G48 | 288.2 | 276.99 | 289.06 | 285.66 | 298.2 | 313.16 | 297.15 | 308.01 | 288.2 | |
| G49 | 280.2 | 269.3 | 282.46 | 279.18 | 292.15 | 306.6 | 290.23 | 301.21 | 280.2 | |
| G50 | 273.28 | 261.91 | 275.59 | 272.07 | 285.74 | 300.94 | 283.55 | 294.41 | 273.28 | |
| G51 | 265.94 | 254.18 | 268.32 | 265.31 | 278.36 | 294.26 | 276.68 | 287.7 | 265.94 | |
| G52 | 258.52 | 246.76 | 261.33 | 258.36 | 271.21 | 287.73 | 269.26 | 280.66 | 258.52 | |
| G53 | 251.37 | 238.79 | 253.44 | 250.43 | 263.98 | 280.78 | 262.58 | 273.55 | 251.37 | |
| G54 | 243.67 | 230.35 | 246.09 | 243.44 | 256.64 | 274.53 | 255.31 | 266.29 | 243.67 | |
| G55 | 235.66 | 222.89 | 238.05 | 235.7 | 249.3 | 267.66 | 247.77 | 258.95 | 235.66 | |
| G56 | 227.62 | 214.14 | 230.04 | 227.97 | 241.56 | 260.66 | 240.7 | 251.68 | 227.62 | |
| G57 | 219.65 | 206.05 | 222.3 | 220.04 | 234.38 | 253.16 | 232.77 | 243.83 | 219.65 | |
| G58 | 211.48 | 197.5 | 214.53 | 212.07 | 226.68 | 246.09 | 225.16 | 236.02 | 211.48 | |
| G59 | 203.01 | 188.98 | 206.52 | 204.57 | 218.83 | 238.83 | 217.19 | 228.63 | 203.01 | |
| G60 | 194.96 | 180.55 | 198.2 | 196.21 | 211.02 | 231.33 | 208.95 | 220.51 | 194.96 | |
| G61 | 186.68 | 171.91 | 190.12 | 187.97 | 203.13 | 223.52 | 200.82 | 212.58 | 186.68 | |
| G62 | 178.01 | 163.59 | 182.03 | 179.88 | 195.12 | 216.02 | 192.58 | 203.87 | 178.01 | |
| G63 | 169.3 | 154.96 | 173.95 | 171.88 | 187.38 | 207.7 | 184.41 | 195.55 | 169.3 | |
| G64 | 160.82 | 146.68 | 165.82 | 163.48 | 179.22 | 199.73 | 175.7 | 186.84 | 160.82 | |
| G65 | 152.11 | 138.36 | 158.01 | 155.78 | 171.37 | 191.52 | 167.38 | 178.28 | 152.11 | |
| G66 | 143.63 | 129.77 | 149.57 | 147.42 | 163.36 | 183.01 | 158.83 | 169.41 | 143.63 | |
| G67 | 135.2 | 121.29 | 141.64 | 138.98 | 155.04 | 174.57 | 150.08 | 160.51 | 135.2 | |
| G68 | 127.03 | 112.97 | 133.16 | 130.7 | 146.88 | 166.37 | 141.48 | 151.95 | 127.03 | |
| G69 | 119.1 | 104.69 | 125.16 | 122.34 | 138.95 | 157.77 | 133.13 | 142.97 | 119.1 | |
| G70 | 111.09 | 96.84 | 116.91 | 113.79 | 130.78 | 149.38 | 125.04 | 133.95 | 111.09 | |
| G71 | 103.09 | 88.59 | 108.87 | 105.7 | 122.97 | 140.59 | 117.42 | 125.47 | 103.09 | |
| G72 | 95.2 | 80.98 | 100.78 | 98.09 | 114.96 | 132.42 | 110.16 | 116.8 | 95.2 | |
| G73 | 87.38 | 72.93 | 92.66 | 90.0 | 106.56 | 123.87 | 102.46 | 108.13 | 87.38 | |

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C Interval: 45.0 Deg

Test Speed: High

Temperature: 25

Operators:

Test Date: 2025/11/22 17:28:06

G Range: 0 - 90 Deg

G Interval: 1.0 Deg

Test System: Huipu CPM-2000B Goniophotometer

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