

浙大三色

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OML

Client:

LumCAT: U500-DC24V-B

Luminaire:

Report No:

Voltage(V): 24.0000

Test No: OML-LA-21082002

Current(A): 0.3170

LampCAT: LED

Power (W): 7.6120

Lamp flux(lm): -1.0

PF: 1.2400

Number of Lamps: 1

Ballast type:

Length(mm): 1000

Width(mm): 20

Phm Type: C

Height(mm): 120

Photometric Results

Lumens(lm): 3.10, Efficiency(%): 0.00% , Luminous Efficacy(lm/W): 0.41

Central intensity(cd): 2.069, Maximum intensity(cd): 2.528

Angle of maximum intensity: C=345.0 γ =10.0

Beam Angle(50%Imax): [C0/180]Total=81.3

[C90/270]Total=70.0

Field angle(10%Imax): [C0/180]Total=113.3

[C90/270]Total=100.0

Maximum s/h(1/2): C0_180=1.16 C90_270=0.85

Maximum s/h(1/4): C0_180=1.09 C90_270=1.02

Up flux rate of lamp(%): 0.00%

Down flux rate of lamp(%): 0.00%

Up flux rate of LUM(%): - -

Down flux rate of LUM(%): 100.00%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 99.697%

Equipment: GMS-3000H
Temperature(°C): 25.0

Date: 2021-8-20
Humidity(%): 55.0%

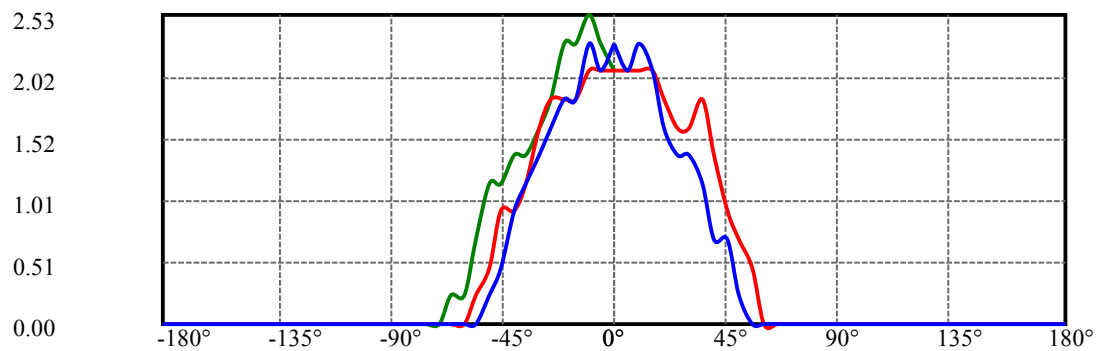
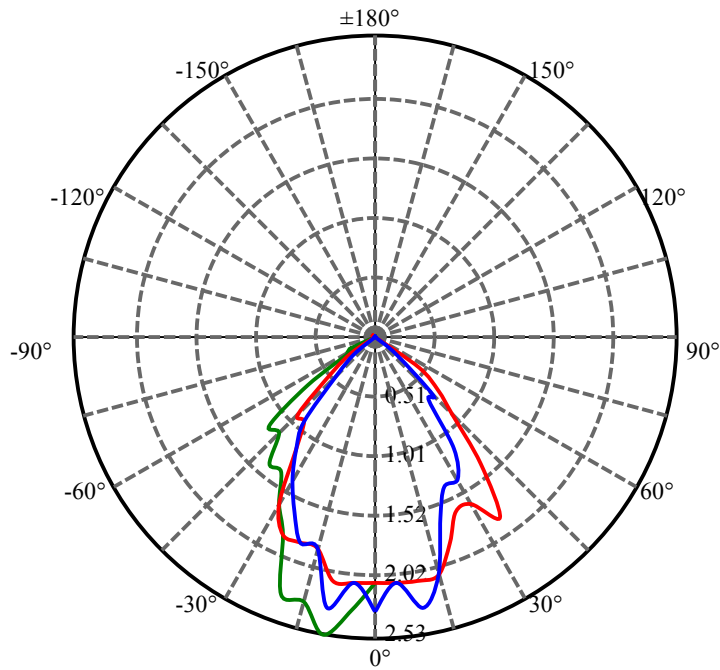
Operator: 002
Distance(m): 14.46

| $\gamma(^{\circ})$ | Average I(cd) | Zonal F(lm) | Sum F(lm) | Eff Flux(%) | Eff Sum(%) |
|--------------------|---------------|-------------|-----------|-------------|------------|
| 0.0 | 2.145 | 0.000 | 0 | 0.00% | 0.00% |
| 5.0 | 2.107 | 0.051 | 0.051 | 0.00% | 1.64% |
| 10.0 | 2.116 | 0.151 | 0.202 | 0.00% | 6.50% |
| 15.0 | 2.030 | 0.246 | 0.448 | 0.00% | 14.43% |
| 20.0 | 1.896 | 0.324 | 0.771 | 0.00% | 24.85% |
| 25.0 | 1.695 | 0.377 | 1.148 | 0.00% | 36.98% |
| 30.0 | 1.484 | 0.402 | 1.551 | 0.00% | 49.94% |
| 35.0 | 1.312 | 0.412 | 1.962 | 0.00% | 63.21% |
| 40.0 | 1.025 | 0.390 | 2.352 | 0.00% | 75.76% |
| 45.0 | 0.709 | 0.321 | 2.673 | 0.00% | 86.10% |
| 50.0 | 0.460 | 0.236 | 2.909 | 0.00% | 93.71% |
| 55.0 | 0.182 | 0.140 | 3.049 | 0.00% | 98.20% |
| 60.0 | 0.019 | 0.046 | 3.095 | 0.00% | 99.70% |
| 65.0 | 0.010 | 0.007 | 3.102 | 0.00% | 99.92% |
| 70.0 | 0.000 | 0.002 | 3.105 | 0.00% | 100.00% |
| 75.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 80.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 85.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 90.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 95.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 100.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 105.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 110.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 115.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 120.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 125.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 130.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 135.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 140.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 145.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 150.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 155.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 160.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 165.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 170.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 175.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |
| 180.0 | 0.000 | 0.000 | 3.105 | 0.00% | 100.00% |

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|-------|---------|
| Zone | Lumens | %Lamp | %Fixt |
| 0-30 | 1.55 | N.A. | 49.94% |
| 0-40 | 2.35 | N.A. | 75.76% |
| 0-60 | 3.10 | N.A. | 99.70% |
| 0-90 | 3.10 | N.A. | 100.00% |
| 0-120 | 3.10 | N.A. | 100.00% |
| 0-180 | 3.10 | N.A. | 100.00% |
| 60-90 | 0.06 | N.A. | 1.80% |
| 90-120 | 0.00 | N.A. | 0.00% |
| 90-130 | 0.00 | N.A. | 0.00% |
| 90-150 | 0.00 | N.A. | 0.00% |
| 90-180 | 0.00 | N.A. | 0.00% |
| 0-42.05 | 2.48 | N.A. | 80.00% |

ZONAL LUMEN SUMMARY

| | |
|---------|------|
| 0-10 | 0.20 |
| 10-20 | 0.57 |
| 20-30 | 0.78 |
| 30-40 | 0.80 |
| 40-50 | 0.56 |
| 50-60 | 0.19 |
| 60-70 | 0.01 |
| 70-80 | 0.00 |
| 80-90 | 0.00 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |



C345(Max): —————

C0/C180: —————

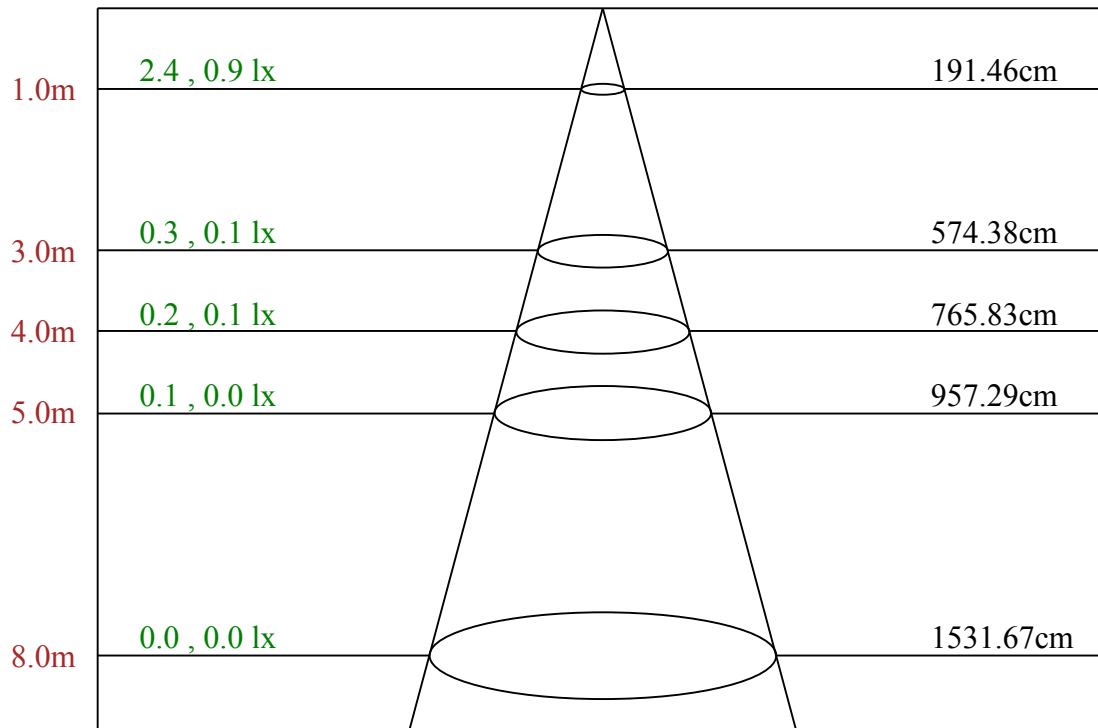
C90/C270: —————

Field angle(10%Imax):C0/180Left:55.5 Right:57.8

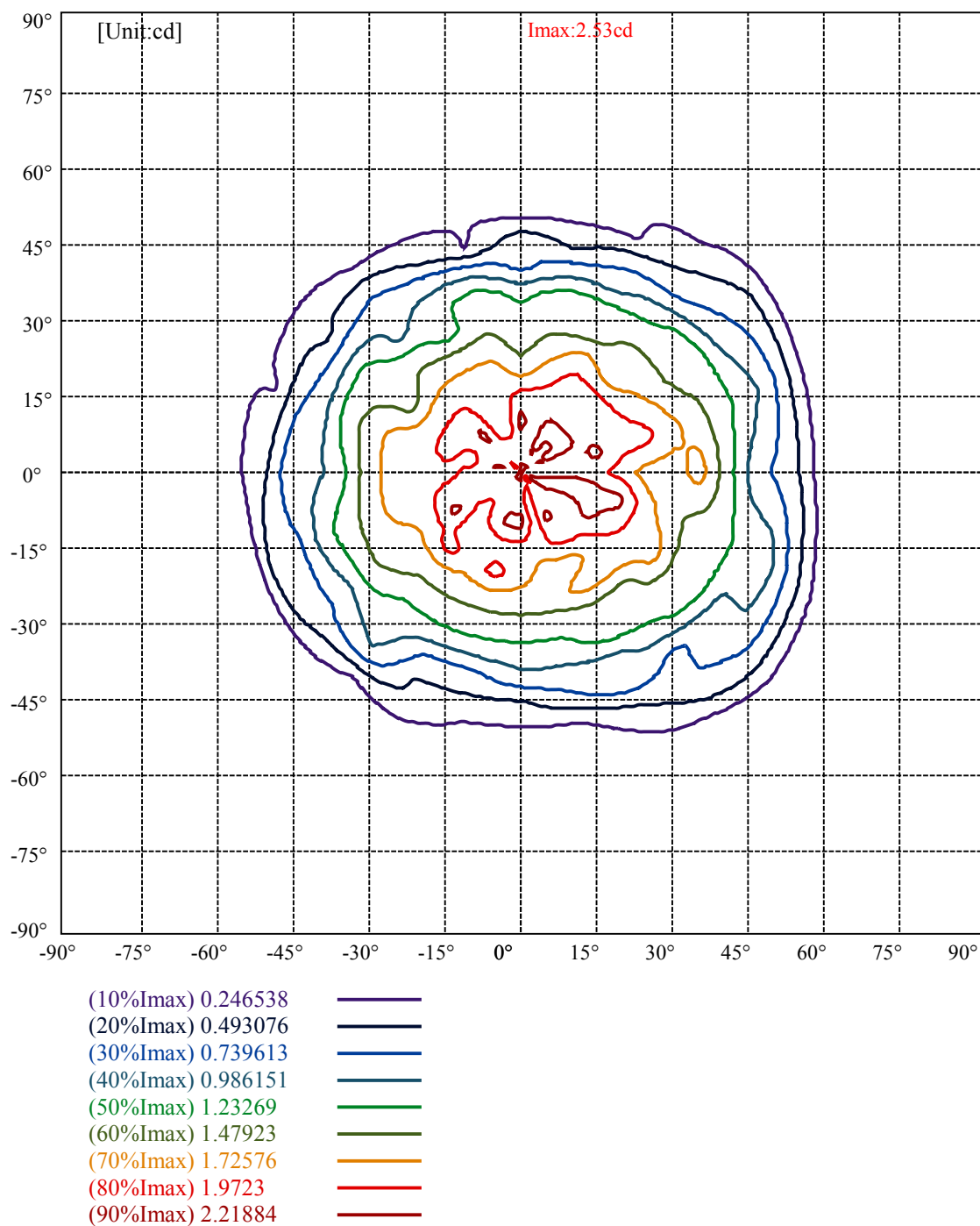
:C90/270Left:50.0 Right:50.0

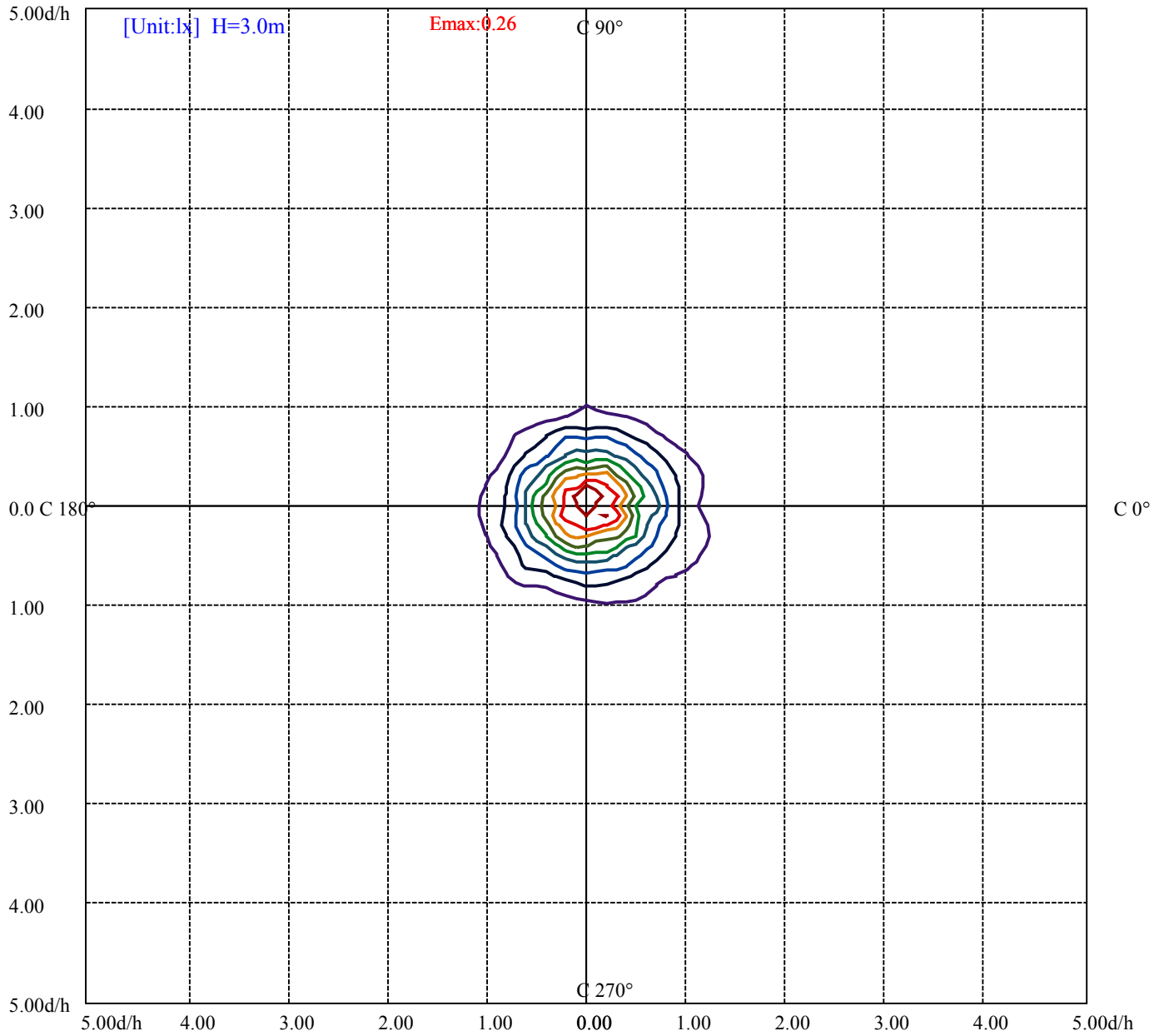
Beam Angle(50%Imax):C0/180Left:37.5 Right:43.8

:C90/270Left:35.0 Right:35.0

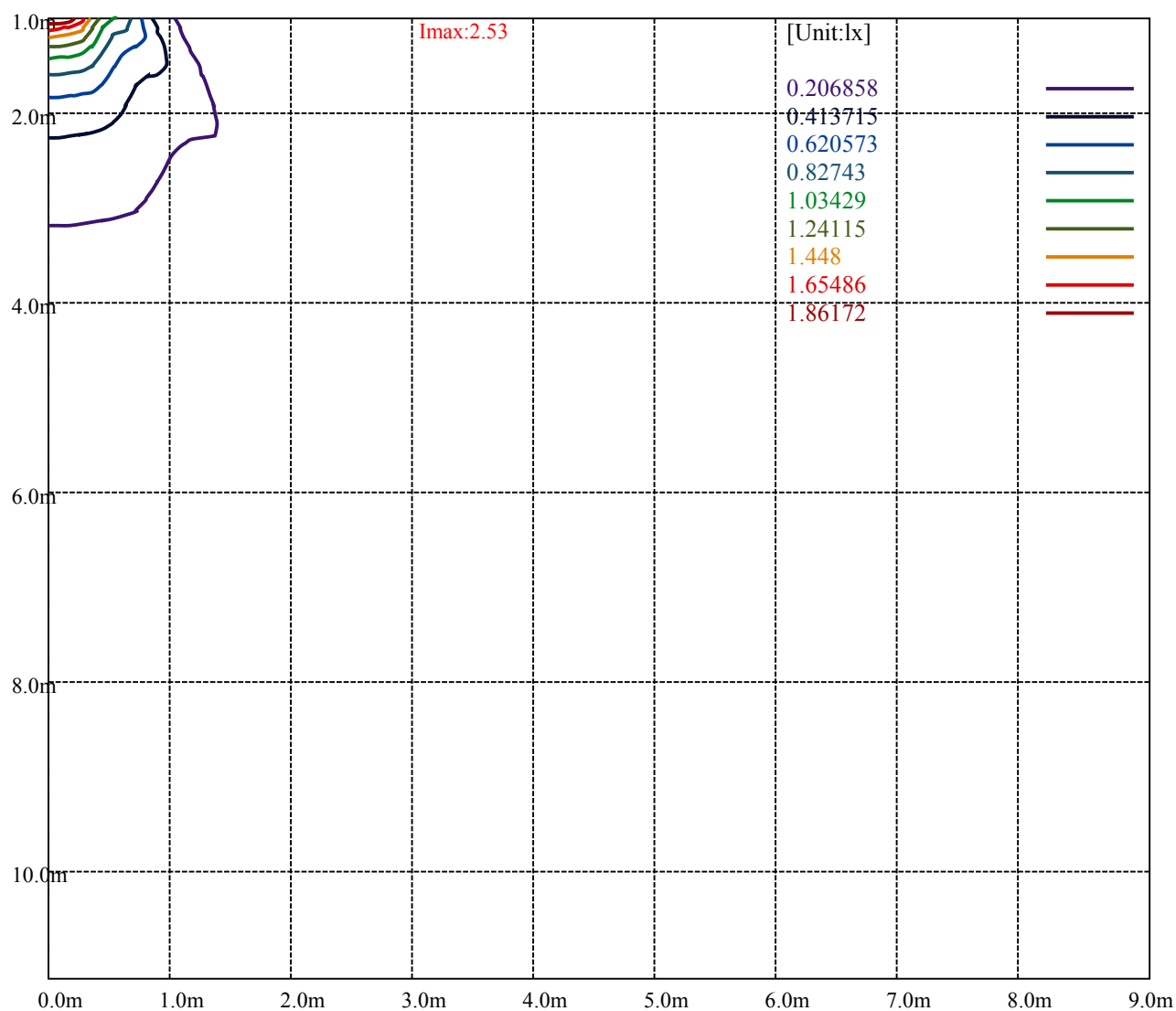


Max , Ave Beam angle of C345 plane 87.50





| | | |
|-----------|------------|---|
| (10%Emax) | 0.02553733 | — |
| (20%Emax) | 0.05107467 | — |
| (30%Emax) | 0.076612 | — |
| (40%Emax) | 0.1021493 | — |
| (50%Emax) | 0.1276867 | — |
| (60%Emax) | 0.1532244 | — |
| (70%Emax) | 0.1787611 | — |
| (80%Emax) | 0.2042989 | — |
| (90%Emax) | 0.2298356 | — |



Luminance Table

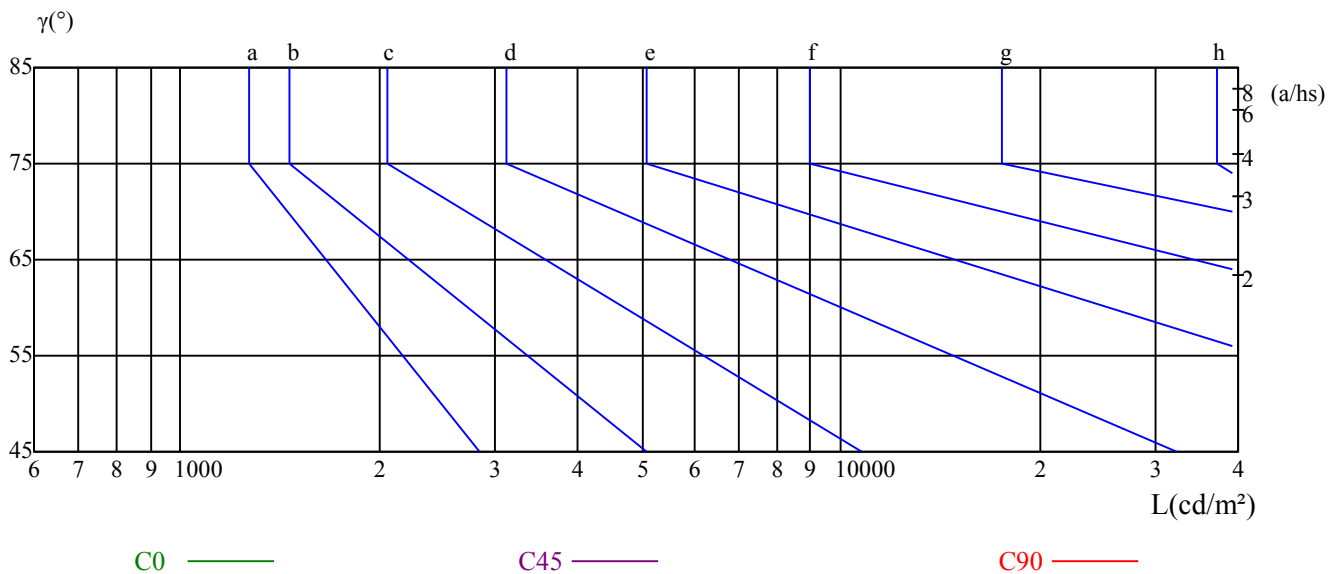
| γ | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|----------|----|----|----|----|----|----|----|----|----|
| C0 | 9 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| C45 | 9 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 44 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| L(Hor)(65) | L(Ver)(65) | L45(65) | L(Hor)(75) | L(Ver)(75) | L45(75) | L(Hor)(85) | L(Ver)(85) | L45(85) |
|------------|------------|---------|------------|------------|---------|------------|------------|---------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Glare Table

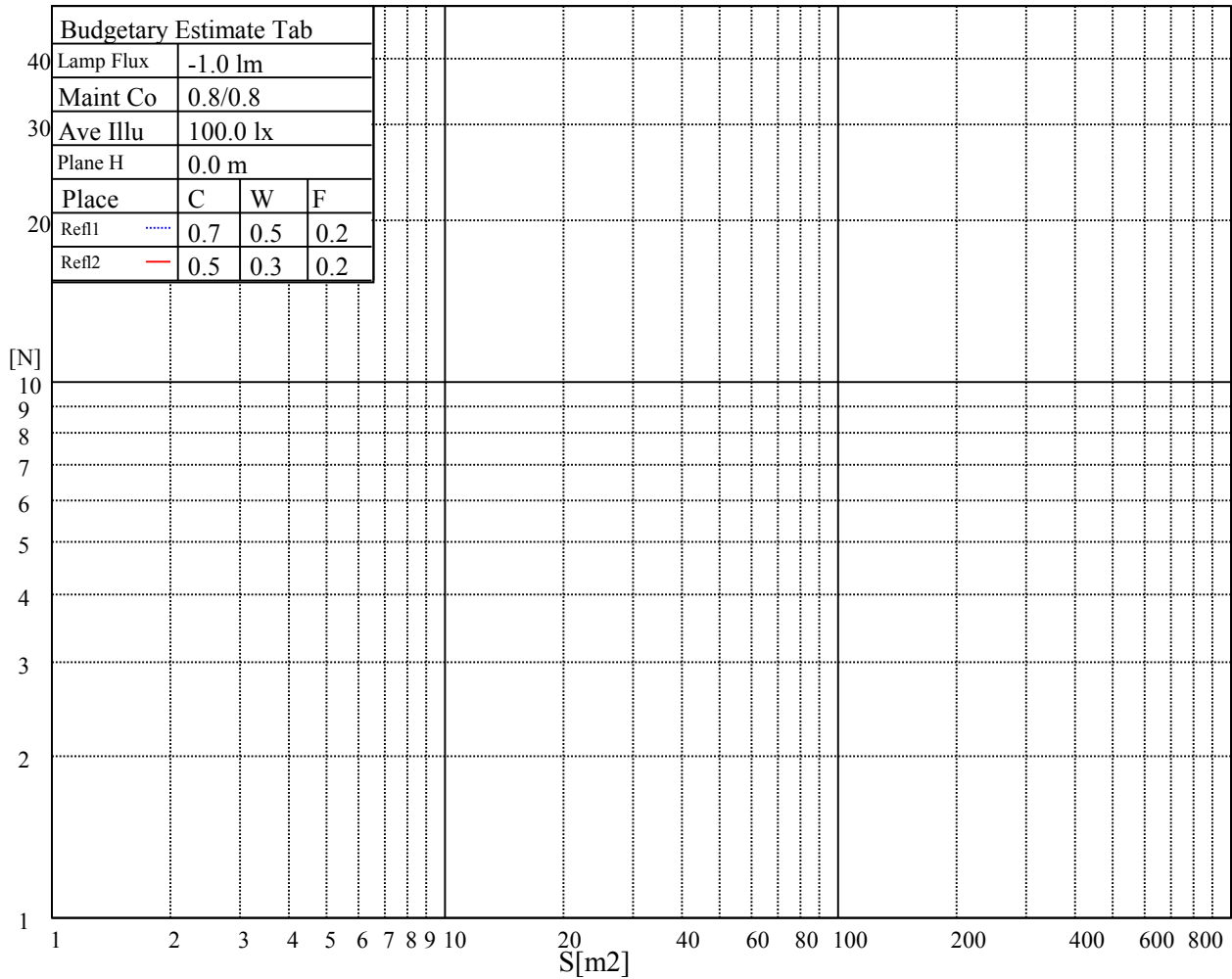
| Glare | Quality | Service Values Illuminance(lx) | | | | | | | |
|-------|---------|--------------------------------|------|------|------------|------------|------------|------------|------------|
| 1.15 | A | 2000 | 1000 | 500 | ≤ 300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | ≤ 300 | | | |
| 1.85 | 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 |

Luminance Limiting Curve

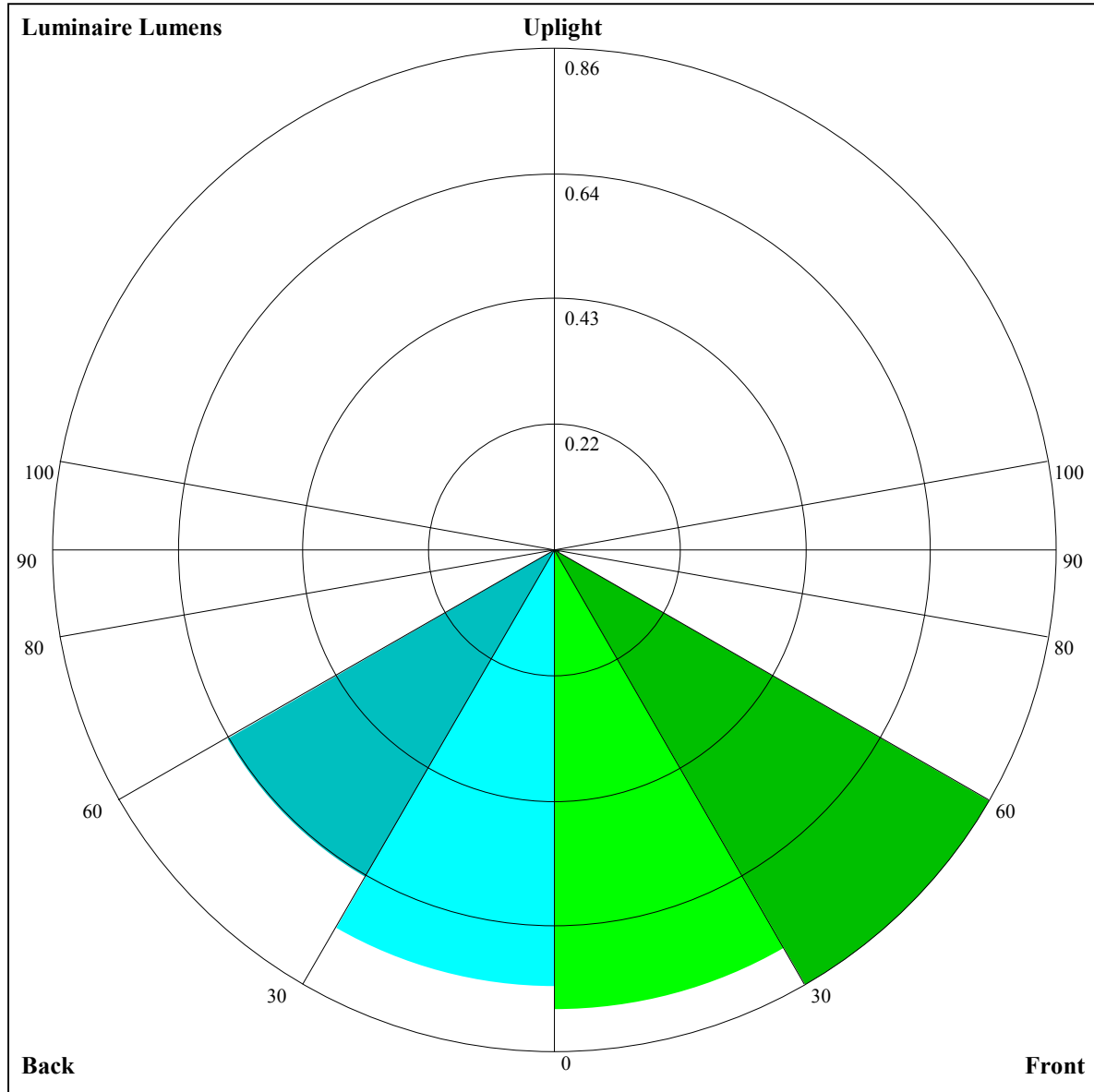


| Illumination assessment according UGR | | | | | | | | | | | |
|---|-----|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Rf of Ceiling | | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 |
| Rf of Wall | | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 |
| Rf of Floor | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| X | Y | | | | | | | | | | |
| 2H | 2H | -5.68 | -4.48 | -5.32 | -4.17 | -3.85 | -8.70 | -7.50 | -8.34 | -7.19 | -6.87 |
| | 3H | -5.85 | -4.79 | -5.46 | -4.45 | -4.11 | -8.86 | -7.81 | -8.48 | -7.47 | -7.12 |
| | 4H | -5.93 | -4.95 | -5.53 | -4.60 | -4.23 | -8.95 | -7.97 | -8.55 | -7.62 | -7.25 |
| | 6H | -6.00 | -5.11 | -5.59 | -4.74 | -4.34 | -9.02 | -8.13 | -8.61 | -7.75 | -7.36 |
| | 8H | -6.07 | -5.22 | -5.66 | -4.84 | -4.43 | -9.09 | -8.24 | -8.67 | -7.85 | -7.45 |
| | 12H | -6.14 | -5.33 | -5.72 | -4.93 | -4.52 | -9.16 | -8.34 | -8.73 | -7.95 | -7.54 |
| 4H | 2H | -5.91 | -4.93 | -5.51 | -4.58 | -4.21 | -8.80 | -7.82 | -8.40 | -7.47 | -7.10 |
| | 3H | -6.10 | -5.30 | -5.68 | -4.91 | -4.49 | -8.99 | -8.19 | -8.57 | -7.80 | -7.39 |
| | 4H | -6.16 | -5.47 | -5.72 | -5.05 | -4.60 | -9.05 | -8.36 | -8.61 | -7.94 | -7.49 |
| | 6H | -6.29 | -5.68 | -5.82 | -5.23 | -4.78 | -9.18 | -8.57 | -8.71 | -8.12 | -7.67 |
| | 8H | -6.35 | -5.78 | -5.86 | -5.32 | -4.85 | -9.24 | -8.67 | -8.75 | -8.21 | -7.74 |
| | 12H | -6.39 | -5.87 | -5.91 | -5.42 | -4.90 | -9.28 | -8.76 | -8.80 | -8.31 | -7.79 |
| 8H | 4H | -6.35 | -5.78 | -5.86 | -5.32 | -4.85 | -9.24 | -8.67 | -8.75 | -8.21 | -7.74 |
| | 6H | -6.50 | -6.02 | -5.99 | -5.55 | -5.04 | -9.39 | -8.91 | -8.88 | -8.44 | -7.93 |
| | 8H | -6.51 | -6.11 | -5.99 | -5.59 | -5.09 | -9.40 | -9.00 | -8.88 | -8.48 | -7.98 |
| | 12H | -6.57 | -6.24 | -6.04 | -5.72 | -5.21 | -9.46 | -9.13 | -8.93 | -8.61 | -8.10 |
| 12H | 4H | -6.39 | -5.87 | -5.91 | -5.42 | -4.90 | -9.28 | -8.76 | -8.80 | -8.31 | -7.79 |
| | 6H | -6.51 | -6.11 | -5.99 | -5.59 | -5.09 | -9.40 | -9.00 | -8.88 | -8.48 | -7.98 |
| | 8H | -6.57 | -6.24 | -6.04 | -5.72 | -5.21 | -9.46 | -9.13 | -8.93 | -8.61 | -8.10 |
| Variation with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | 2.6/-12.3 | | | | | 1.2/-2.8 | | | | |
| S = 1.5H | | 4.3/负无穷大 | | | | | 3.2/负无穷大 | | | | |
| S = 2.0H | | 6.1/负无穷大 | | | | | 5.8/负无穷大 | | | | |
| Standard tables: | | BK0 | | | | | BK0 | | | | |
| Uncorrected UGR | | -27.5 | | | | | -24.5 | | | | |

UGR calculation is based on CIE Publ. 117 ,S/H = 0.25



| 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 RHOFC=20 CU | | | | | | | | | | | | | | | |
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Luminaire Lumens:

FL=0.79,FM=0.86,FH=0.01,FVH=0

BL=0.75,BM=0.65,BH=0,BVH=0

UL=0,UH=0

BUG Rating:B0-U0-G0

OML U500-DC24V-B

| Intensity data(cd) | | | | | | | | | | Appendix Page: 14 Total:16 |
|--------------------|------|------|------|------|------|------|------|------|------|----------------------------|
| C/γ(°) | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | |
| 0.0 | 2.07 | 2.07 | 2.07 | 2.07 | 1.84 | 1.61 | 1.61 | 1.84 | 1.38 | |
| 15.0 | 2.30 | 2.07 | 2.07 | 2.30 | 2.07 | 2.07 | 1.84 | 1.61 | 1.38 | |
| 30.0 | 2.07 | 2.30 | 2.30 | 2.07 | 2.07 | 1.84 | 1.61 | 1.38 | 1.38 | |
| 45.0 | 2.30 | 2.07 | 2.30 | 2.07 | 2.07 | 1.61 | 1.61 | 1.38 | 1.15 | |
| 60.0 | 2.07 | 2.30 | 2.30 | 2.07 | 2.07 | 1.84 | 1.38 | 1.38 | 0.92 | |
| 75.0 | 2.30 | 2.07 | 2.07 | 2.07 | 1.84 | 1.61 | 1.38 | 1.38 | 0.92 | |
| 90.0 | 2.30 | 2.07 | 2.30 | 2.07 | 1.61 | 1.38 | 1.38 | 1.15 | 0.69 | |
| 105.0 | 2.07 | 2.07 | 1.84 | 1.84 | 1.84 | 1.61 | 1.38 | 1.38 | 0.92 | |
| 120.0 | 2.07 | 2.07 | 1.84 | 1.84 | 1.84 | 1.61 | 1.15 | 1.15 | 0.92 | |
| 135.0 | 1.84 | 2.07 | 2.30 | 2.07 | 1.84 | 1.61 | 1.38 | 0.92 | 0.92 | |
| 150.0 | 2.30 | 2.07 | 2.07 | 2.07 | 1.84 | 1.38 | 1.38 | 1.38 | 0.92 | |
| 165.0 | 2.07 | 2.30 | 1.84 | 2.07 | 1.84 | 1.84 | 1.61 | 1.38 | 0.92 | |
| 180.0 | 2.07 | 2.07 | 2.07 | 1.84 | 1.84 | 1.84 | 1.61 | 1.15 | 0.92 | |
| 195.0 | 2.30 | 2.07 | 2.07 | 2.07 | 1.84 | 1.84 | 1.61 | 1.38 | 1.15 | |
| 210.0 | 2.07 | 2.07 | 2.07 | 2.30 | 1.84 | 1.61 | 1.61 | 1.38 | 0.92 | |
| 225.0 | 2.30 | 2.07 | 1.84 | 1.84 | 2.07 | 1.61 | 1.38 | 1.15 | 1.15 | |
| 240.0 | 2.07 | 2.07 | 2.07 | 1.84 | 1.84 | 1.61 | 1.38 | 1.15 | 0.69 | |
| 255.0 | 2.30 | 2.07 | 2.30 | 1.84 | 2.07 | 1.61 | 1.38 | 1.15 | 0.69 | |
| 270.0 | 2.30 | 2.07 | 2.30 | 1.84 | 1.84 | 1.61 | 1.38 | 1.15 | 0.92 | |
| 285.0 | 2.07 | 1.84 | 1.84 | 1.84 | 1.61 | 1.61 | 1.38 | 1.15 | 0.92 | |
| 300.0 | 2.07 | 2.07 | 2.30 | 2.07 | 1.61 | 1.84 | 1.38 | 1.38 | 0.92 | |
| 315.0 | 1.84 | 2.07 | 2.07 | 2.07 | 1.84 | 1.84 | 1.38 | 1.38 | 1.15 | |
| 330.0 | 2.30 | 2.30 | 2.07 | 2.30 | 2.07 | 1.84 | 1.84 | 1.38 | 1.38 | |
| 345.0 | 2.07 | 2.30 | 2.53 | 2.30 | 2.30 | 1.84 | 1.61 | 1.38 | 1.38 | |
| 360.0 | 2.07 | 2.07 | 2.07 | 2.07 | 1.84 | 1.61 | 1.61 | 1.84 | 1.38 | |
| | | | | | | | | | | |
| C/γ(°) | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 | |
| 0.0 | 0.92 | 0.69 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 15.0 | 1.15 | 0.92 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 30.0 | 0.92 | 0.69 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 45.0 | 0.69 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 60.0 | 0.69 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 75.0 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 90.0 | 0.69 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 105.0 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 120.0 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 135.0 | 0.69 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 150.0 | 0.46 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 165.0 | 0.69 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 180.0 | 0.92 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 195.0 | 0.69 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 210.0 | 0.69 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 225.0 | 0.92 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 240.0 | 0.46 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 255.0 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 270.0 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 285.0 | 0.69 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 300.0 | 0.92 | 0.46 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 315.0 | 0.69 | 0.69 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 330.0 | 0.92 | 0.92 | 0.69 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 345.0 | 1.15 | 1.15 | 0.69 | 0.23 | 0.23 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 360.0 | 0.92 | 0.69 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

Equipment: GMS-3000H
Temperature(°C): 25.0

Date: 2021-8-20
Humidity(%): 55.0%

Operator: 002
Distance(m): 14.46

OML U500-DC24V-B

| Intensity data(cd) | | | | | | | | | | Appendix Page: 15 Total:16 | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--|
| C/γ(°) | 90.0 | 95.0 | 100.0 | 105.0 | 110.0 | 115.0 | 120.0 | 125.0 | 130.0 | | |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 105.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 120.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 150.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 165.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 195.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 210.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 240.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 255.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 285.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 300.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 330.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 345.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| C/γ(°) | 135.0 | 140.0 | 145.0 | 150.0 | 155.0 | 160.0 | 165.0 | 170.0 | 175.0 | | |
| 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 15.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 30.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 45.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 60.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 105.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 120.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 150.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 165.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 195.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 210.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 225.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 240.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 255.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 270.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 285.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 300.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 315.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 330.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 345.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 360.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

Intensity data(cd)

| | |
|--------|-------|
| C/γ(°) | 180.0 |
| 0.0 | 0.00 |
| 15.0 | 0.00 |
| 30.0 | 0.00 |
| 45.0 | 0.00 |
| 60.0 | 0.00 |
| 75.0 | 0.00 |
| 90.0 | 0.00 |
| 105.0 | 0.00 |
| 120.0 | 0.00 |
| 135.0 | 0.00 |
| 150.0 | 0.00 |
| 165.0 | 0.00 |
| 180.0 | 0.00 |
| 195.0 | 0.00 |
| 210.0 | 0.00 |
| 225.0 | 0.00 |
| 240.0 | 0.00 |
| 255.0 | 0.00 |
| 270.0 | 0.00 |
| 285.0 | 0.00 |
| 300.0 | 0.00 |
| 315.0 | 0.00 |
| 330.0 | 0.00 |
| 345.0 | 0.00 |
| 360.0 | 0.00 |