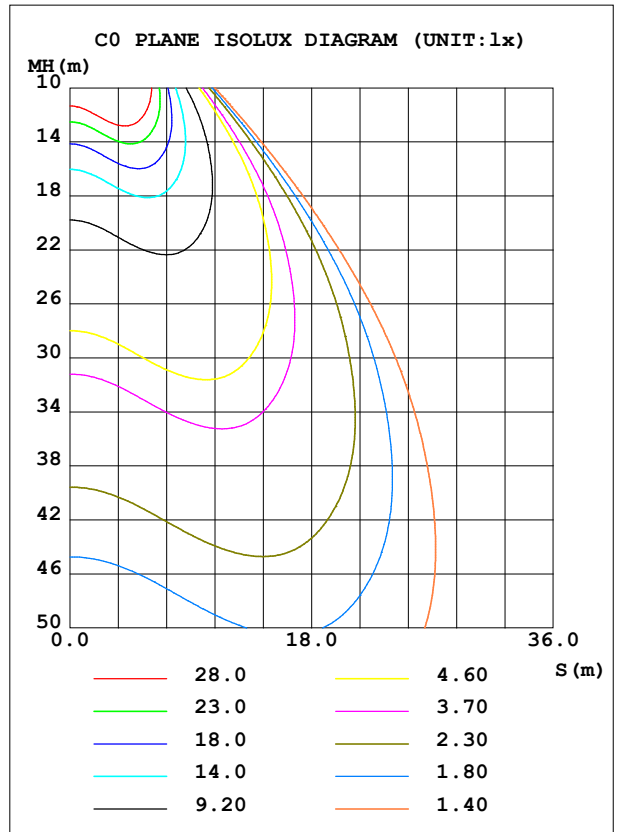
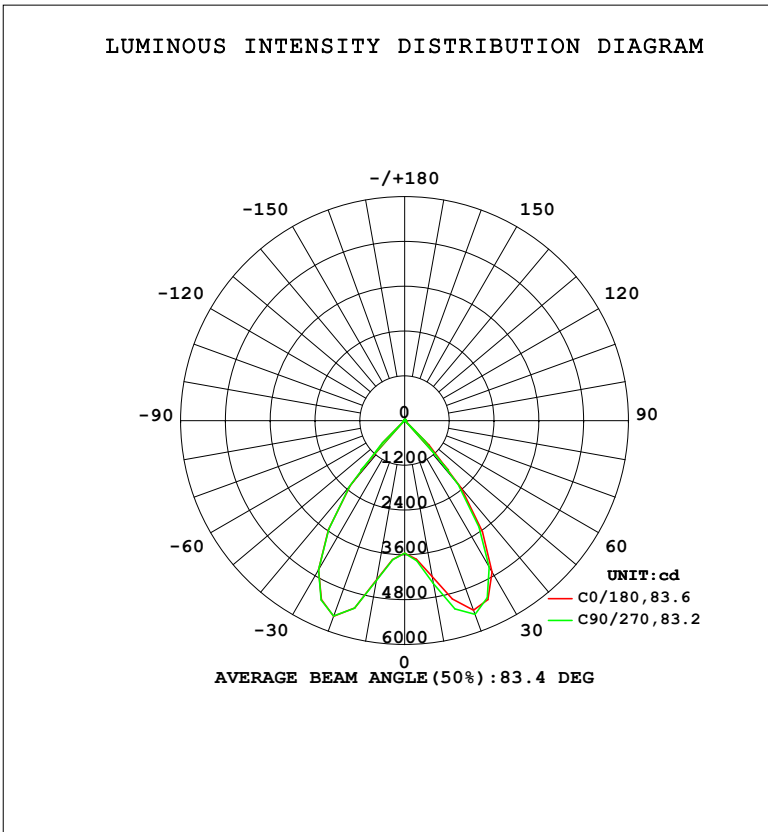


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 124.42 lm/W |
|-------------------|---------|-----------------------|--------|---------------------|-----------|------------------|
| MODEL | 216 | I _{max} (cd) | 5574 | S/MH (C0/180) | 1.22 | |
| NOMINAL POWER (W) | 60 | LOR (%) | 100.0 | S/MH (C90/270) | 1.23 | |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 7366.0 | η UP, DN (C0-180) | 0.5, 49.5 | |
| NOMINAL FLUX (lm) | 7366.01 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.6, 49.4 | |
| LAMPS INSIDE | 1 | η up (%) | 1.1 | CIBSE SHR NOM | 0.75 | |
| TEST VOLTAGE (V) | 219.5 | η down (%) | 98.9 | CIBSE SHR MAX | 0.80 | |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 4247 | 4310 | 4429 | 4457 | 4325 | 4274 | 4351 | 4292 | 0- 10 | 376.3 | 376.3 | 5.11,5.11 |
| 20 | 5403 | 5431 | 5526 | 5550 | 5574 | 5528 | 5573 | 5501 | 10- 20 | 1438 | 1814 | 24.6,24.6 |
| 30 | 4685 | 4635 | 4536 | 4558 | 4616 | 4594 | 4618 | 4594 | 20- 30 | 2381 | 4195 | 57,57 |
| 40 | 2361 | 2307 | 2236 | 2255 | 2277 | 2266 | 2303 | 2343 | 30- 40 | 2177 | 6372 | 86.5,86.5 |
| 50 | 66.07 | 64.83 | 67.94 | 61.46 | 60.77 | 61.57 | 64.52 | 68.56 | 40- 50 | 761.0 | 7133 | 96.8,96.8 |
| 60 | 39.93 | 37.44 | 35.21 | 33.97 | 34.87 | 33.15 | 35.14 | 37.60 | 50- 60 | 41.11 | 7174 | 97.4,97.4 |
| 70 | 57.32 | 57.97 | 54.85 | 56.00 | 57.32 | 57.93 | 54.50 | 54.62 | 60- 70 | 48.14 | 7222 | 98,98 |
| 80 | 37.70 | 36.30 | 31.35 | 33.51 | 35.10 | 34.31 | 32.27 | 33.21 | 70- 80 | 52.61 | 7274 | 98.8,98.8 |
| 90 | 0.3432 | 0.3315 | 0.3147 | 0.3237 | 0.4285 | 0.4257 | 0.3985 | 0.4010 | 80- 90 | 12.02 | 7286 | 98.9,98.9 |
| 100 | 1.033 | 1.041 | 1.066 | 1.109 | 1.745 | 1.663 | 1.566 | 1.545 | 90-100 | 0.7740 | 7287 | 98.9,98.9 |
| 110 | 4.174 | 4.219 | 4.279 | 4.354 | 5.760 | 5.614 | 5.412 | 5.385 | 100-110 | 3.113 | 7290 | 99,99 |
| 120 | 9.635 | 9.699 | 9.791 | 9.883 | 11.80 | 11.62 | 11.42 | 11.39 | 110-120 | 7.589 | 7298 | 99.1,99.1 |
| 130 | 15.95 | 16.00 | 15.99 | 16.05 | 17.95 | 17.80 | 17.71 | 17.78 | 120-130 | 12.37 | 7310 | 99.2,99.2 |
| 140 | 20.88 | 20.87 | 20.85 | 20.75 | 22.59 | 22.17 | 22.43 | 22.42 | 130-140 | 14.95 | 7325 | 99.4,99.4 |
| 150 | 24.46 | 24.62 | 24.79 | 24.39 | 26.25 | 25.83 | 26.15 | 26.09 | 140-150 | 14.73 | 7340 | 99.6,99.6 |
| 160 | 28.59 | 29.11 | 29.18 | 28.93 | 30.99 | 30.61 | 30.71 | 30.77 | 150-160 | 12.62 | 7353 | 99.8,99.8 |
| 170 | 37.27 | 37.57 | 37.73 | 37.57 | 39.56 | 38.99 | 39.11 | 39.12 | 160-170 | 9.534 | 7362 | 99.9,99.9 |
| 180 | 43.91 | 43.83 | 43.66 | 44.05 | 44.16 | 44.00 | 43.79 | 44.16 | 170-180 | 3.914 | 7366 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 6950.7 lm

%lum = 94.4%

%lamp = 94.4%

Conical surface Flux(130deg): 7194.7 lm

%lum = 97.7%

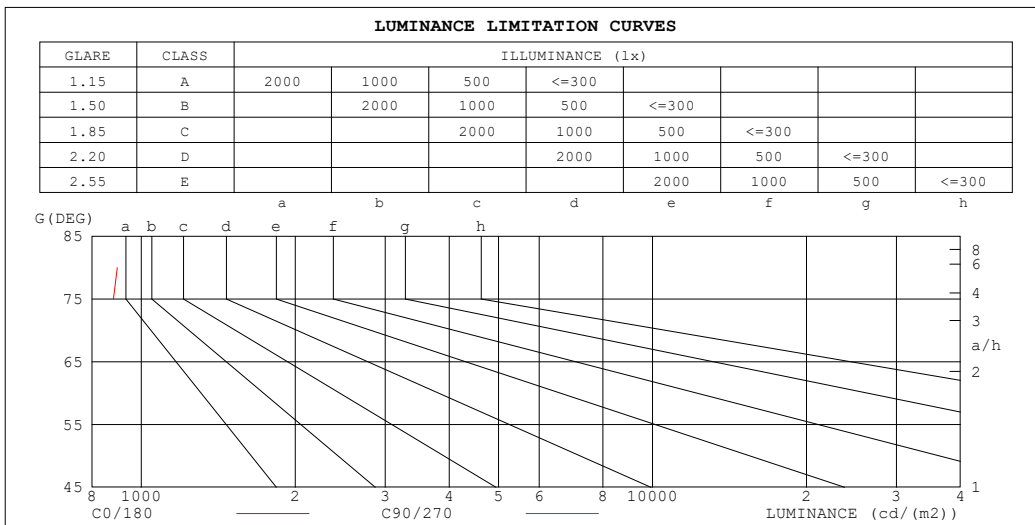
%lamp = 97.7%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |



| LUMINANCE cd/ (m2) | | |
|--------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 483 | 99 |
| 80 | 898 | 735 |
| 75 | 882 | 853 |
| 70 | 693 | 653 |
| 65 | 556 | 474 |
| 60 | 330 | 287 |
| 55 | 324 | 297 |
| 50 | 425 | 431 |
| 45 | 5397 | 4340 |

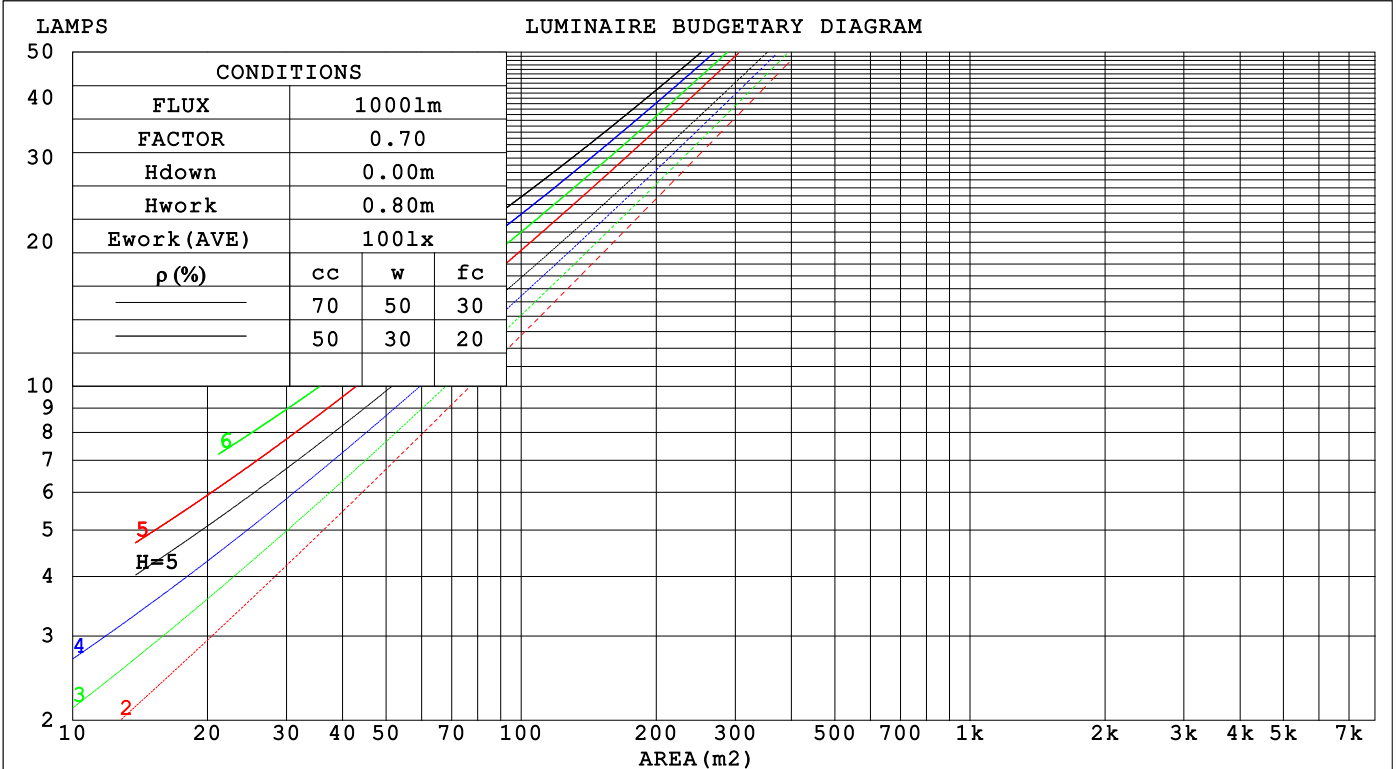
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.09 | 1.07 | 1.04 | 1.07 | 1.05 | 1.02 | 1.03 | 1.01 | .99 | .99 | .97 | .96 | .95 | .94 | .93 | .91 |
| 2.0 | 1.01 | .96 | .92 | .99 | .95 | .91 | .95 | .92 | .89 | .92 | .89 | .87 | .89 | .87 | .85 | .83 |
| 3.0 | .93 | .87 | .83 | .91 | .86 | .82 | .88 | .84 | .81 | .86 | .82 | .79 | .83 | .80 | .78 | .76 |
| 4.0 | .86 | .80 | .75 | .84 | .79 | .74 | .82 | .77 | .73 | .80 | .76 | .72 | .78 | .74 | .71 | .70 |
| 5.0 | .79 | .73 | .68 | .78 | .72 | .68 | .76 | .71 | .67 | .74 | .70 | .66 | .73 | .69 | .65 | .64 |
| 6.0 | .73 | .67 | .62 | .73 | .66 | .62 | .71 | .65 | .61 | .69 | .64 | .61 | .68 | .64 | .60 | .59 |
| 7.0 | .68 | .61 | .57 | .67 | .61 | .57 | .66 | .60 | .56 | .65 | .60 | .56 | .63 | .59 | .55 | .54 |
| 8.0 | .63 | .57 | .52 | .63 | .56 | .52 | .62 | .56 | .52 | .60 | .55 | .51 | .59 | .55 | .51 | .50 |
| 9.0 | .59 | .53 | .48 | .59 | .52 | .48 | .57 | .52 | .48 | .56 | .51 | .48 | .55 | .51 | .47 | .46 |
| 10.0 | .55 | .49 | .45 | .55 | .49 | .44 | .54 | .48 | .44 | .53 | .48 | .44 | .52 | .47 | .44 | .42 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------|--|--|------------------|--|--|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz | | | | | | | | |
| Lamp Flux:7366.01x1 lm | | | | | | | | |
| NAME: 射灯 | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: EVERFINE | | | SUR.: 156.5mm | | | Shielding Angle: | | |

| ρ_{CC} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .198 | .113 | .036 | .191 | .109 | .035 | .177 | .102 | .033 | .165 | .095 | .031 | .154 | .089 | .029 | |
| 2.0 | .190 | .104 | .032 | .184 | .102 | .031 | .173 | .096 | .030 | .163 | .091 | .029 | .153 | .087 | .027 | |
| 3.0 | .182 | .097 | .029 | .177 | .095 | .028 | .167 | .090 | .027 | .158 | .086 | .027 | .149 | .083 | .026 | |
| 4.0 | .174 | .090 | .027 | .169 | .088 | .026 | .160 | .085 | .025 | .152 | .082 | .025 | .145 | .079 | .024 | |
| 5.0 | .166 | .084 | .024 | .162 | .083 | .024 | .154 | .080 | .024 | .147 | .078 | .023 | .140 | .075 | .023 | |
| 6.0 | .158 | .079 | .023 | .155 | .078 | .022 | .148 | .076 | .022 | .142 | .074 | .022 | .136 | .071 | .021 | |
| 7.0 | .151 | .075 | .021 | .148 | .074 | .021 | .142 | .072 | .021 | .136 | .070 | .020 | .131 | .068 | .020 | |
| 8.0 | .144 | .071 | .020 | .142 | .070 | .020 | .136 | .068 | .019 | .131 | .066 | .019 | .126 | .065 | .019 | |
| 9.0 | .138 | .067 | .019 | .136 | .066 | .019 | .131 | .065 | .018 | .126 | .063 | .018 | .122 | .062 | .018 | |
| 10.0 | .133 | .064 | .018 | .130 | .063 | .018 | .126 | .062 | .017 | .122 | .060 | .017 | .118 | .059 | .017 | |

| ρ_{CC} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .199 | .199 | .199 | .170 | .170 | .170 | .116 | .116 | .116 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 2.0 | .181 | .165 | .152 | .155 | .142 | .130 | .106 | .098 | .090 | .061 | .057 | .052 | .020 | .018 | .017 | |
| 3.0 | .167 | .141 | .119 | .143 | .121 | .103 | .098 | .084 | .072 | .057 | .049 | .042 | .018 | .016 | .014 | |
| 4.0 | .156 | .122 | .095 | .134 | .105 | .082 | .092 | .073 | .058 | .053 | .043 | .034 | .017 | .014 | .011 | |
| 5.0 | .147 | .108 | .078 | .126 | .093 | .068 | .087 | .065 | .048 | .050 | .038 | .028 | .016 | .012 | .009 | |
| 6.0 | .139 | .096 | .065 | .119 | .083 | .057 | .082 | .058 | .040 | .048 | .034 | .024 | .015 | .011 | .008 | |
| 7.0 | .132 | .088 | .056 | .113 | .076 | .048 | .078 | .053 | .034 | .045 | .031 | .020 | .015 | .010 | .007 | |
| 8.0 | .126 | .080 | .048 | .108 | .070 | .042 | .075 | .049 | .030 | .043 | .029 | .018 | .014 | .009 | .006 | |
| 9.0 | .120 | .074 | .042 | .104 | .064 | .037 | .072 | .045 | .026 | .042 | .027 | .016 | .014 | .009 | .005 | |
| 10.0 | .116 | .069 | .038 | .100 | .060 | .033 | .069 | .042 | .024 | .040 | .025 | .014 | .013 | .008 | .005 | |
| | .111 | .065 | .034 | .096 | .056 | .030 | .066 | .040 | .021 | .039 | .023 | .013 | .013 | .008 | .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|-----|---------------|-----|-----|----------------|------------------|-----|-----|-----|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz | | | | | | | | | | |
| Lamp Flux:7366.01x1 lm | | | | | | | | | | |
| NAME: 射灯 | | | TYPE: | | | | WEIGHT: | | | |
| SPEC.: | | | DIM.: | | | | SERIAL No.: | | | |
| MFR.: EVERFINE | | | SUR.: 156.5mm | | | | Shielding Angle: | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working 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 | 8.0 | 9.1 | 8.3 | 9.3 | 9.5 | 7.6 | 8.7 | 7.9 | 8.9 | 9.1 |
| 3H | 7.9 | 8.9 | 8.2 | 9.1 | 9.4 | 7.5 | 8.5 | 7.8 | 8.8 | 9.0 |
| 4H | 7.9 | 8.8 | 8.2 | 9.1 | 9.3 | 7.5 | 8.5 | 7.9 | 8.7 | 9.0 |
| 6H | 7.9 | 8.8 | 8.2 | 9.0 | 9.3 | 7.5 | 8.4 | 7.9 | 8.7 | 8.9 |
| 8H | 7.9 | 8.7 | 8.2 | 9.0 | 9.3 | 7.5 | 8.3 | 7.8 | 8.6 | 8.9 |
| 12H | 7.8 | 8.6 | 8.2 | 8.9 | 9.2 | 7.4 | 8.2 | 7.8 | 8.5 | 8.8 |
| 4H 2H | 7.8 | 8.7 | 8.1 | 8.9 | 9.2 | 7.4 | 8.3 | 7.7 | 8.6 | 8.8 |
| 3H | 7.7 | 8.5 | 8.1 | 8.8 | 9.1 | 7.3 | 8.1 | 7.7 | 8.4 | 8.7 |
| 4H | 7.8 | 8.5 | 8.1 | 8.8 | 9.1 | 7.4 | 8.1 | 7.8 | 8.4 | 8.8 |
| 6H | 7.8 | 8.4 | 8.2 | 8.8 | 9.2 | 7.4 | 8.1 | 7.8 | 8.4 | 8.8 |
| 8H | 7.8 | 8.4 | 8.2 | 8.7 | 9.1 | 7.4 | 8.0 | 7.8 | 8.3 | 8.7 |
| 12H | 7.8 | 8.3 | 8.2 | 8.7 | 9.1 | 7.3 | 7.9 | 7.8 | 8.3 | 8.7 |
| 8H 4H | 7.7 | 8.3 | 8.1 | 8.7 | 9.1 | 7.4 | 7.9 | 7.8 | 8.3 | 8.7 |
| 6H | 7.8 | 8.3 | 8.2 | 8.7 | 9.1 | 7.4 | 7.9 | 7.9 | 8.3 | 8.7 |
| 8H | 7.8 | 8.2 | 8.2 | 8.6 | 9.1 | 7.4 | 7.8 | 7.8 | 8.2 | 8.7 |
| 12H | 7.7 | 8.1 | 8.2 | 8.6 | 9.1 | 7.3 | 7.7 | 7.8 | 8.1 | 8.6 |
| 12H 4H | 7.7 | 8.2 | 8.1 | 8.6 | 9.0 | 7.3 | 7.8 | 7.8 | 8.2 | 8.7 |
| 6H | 7.8 | 8.2 | 8.2 | 8.6 | 9.1 | 7.4 | 7.8 | 7.8 | 8.2 | 8.7 |
| 8H | 7.7 | 8.1 | 8.2 | 8.5 | 9.0 | 7.3 | 7.7 | 7.8 | 8.1 | 8.6 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 2.9 / - 7.0 | | | | | + 2.9 / - 7.2 | | | | |
| 1.5H | + 5.4 / - 7.0 | | | | | + 5.5 / - 7.1 | | | | |
| 2.0H | + 7.4 / - 1.4 | | | | | + 6.8 / - 1.3 | | | | |

CIE Pub.117, 7366 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 6.9)
 Area: 0.245 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

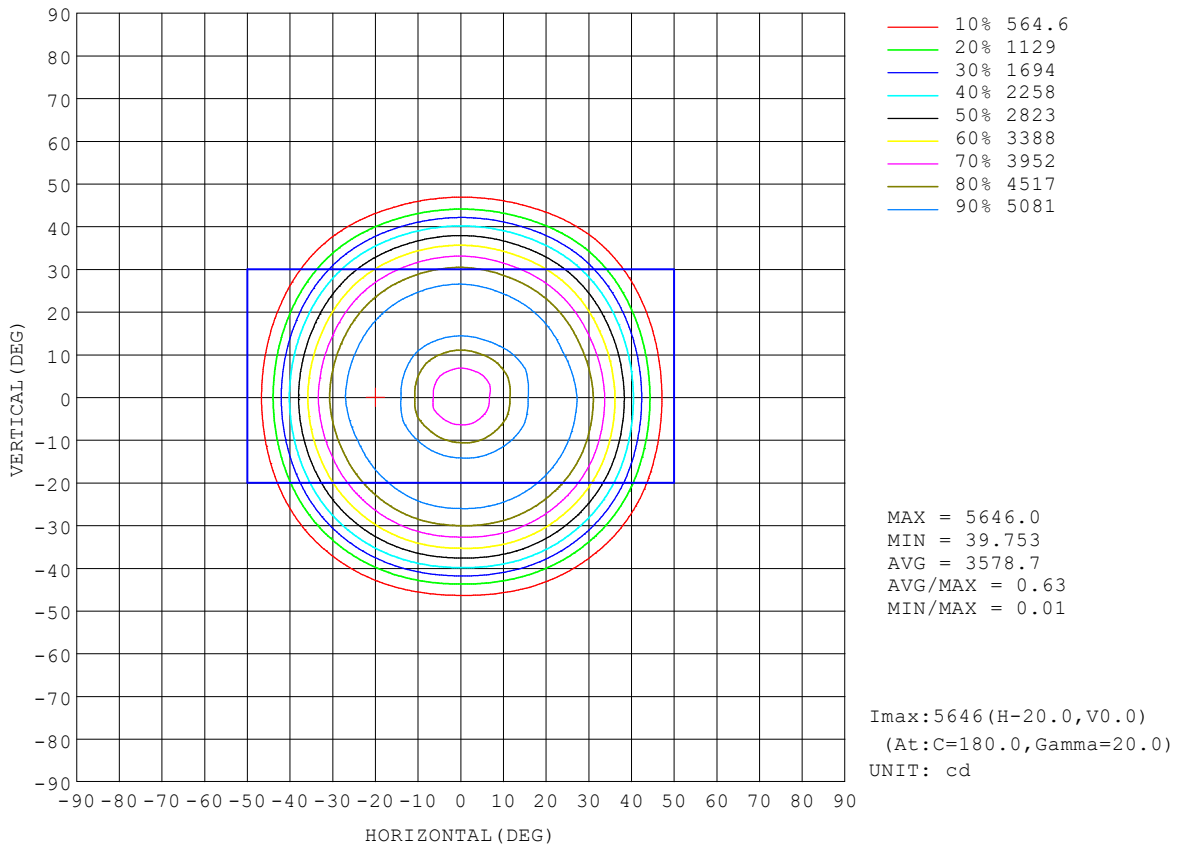
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 83 | 76 | 72 | 83 | 76 | 72 | 82 | 76 | 72 | 68 |
| 0.80 | 91 | 85 | 81 | 90 | 84 | 80 | 89 | 84 | 80 | 76 |
| 1.00 | 96 | 90 | 86 | 95 | 90 | 86 | 94 | 90 | 85 | 81 |
| 1.25 | 101 | 95 | 91 | 100 | 94 | 91 | 98 | 93 | 90 | 85 |
| 1.50 | 104 | 99 | 95 | 102 | 98 | 94 | 100 | 96 | 93 | 88 |
| 2.00 | 107 | 102 | 99 | 105 | 101 | 98 | 102 | 99 | 96 | 91 |
| 2.50 | 109 | 105 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 92 |
| 3.00 | 111 | 107 | 104 | 109 | 105 | 103 | 105 | 102 | 100 | 93 |
| 4.00 | 113 | 110 | 107 | 111 | 108 | 106 | 107 | 105 | 103 | 95 |
| 5.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 106 | 104 | 96 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

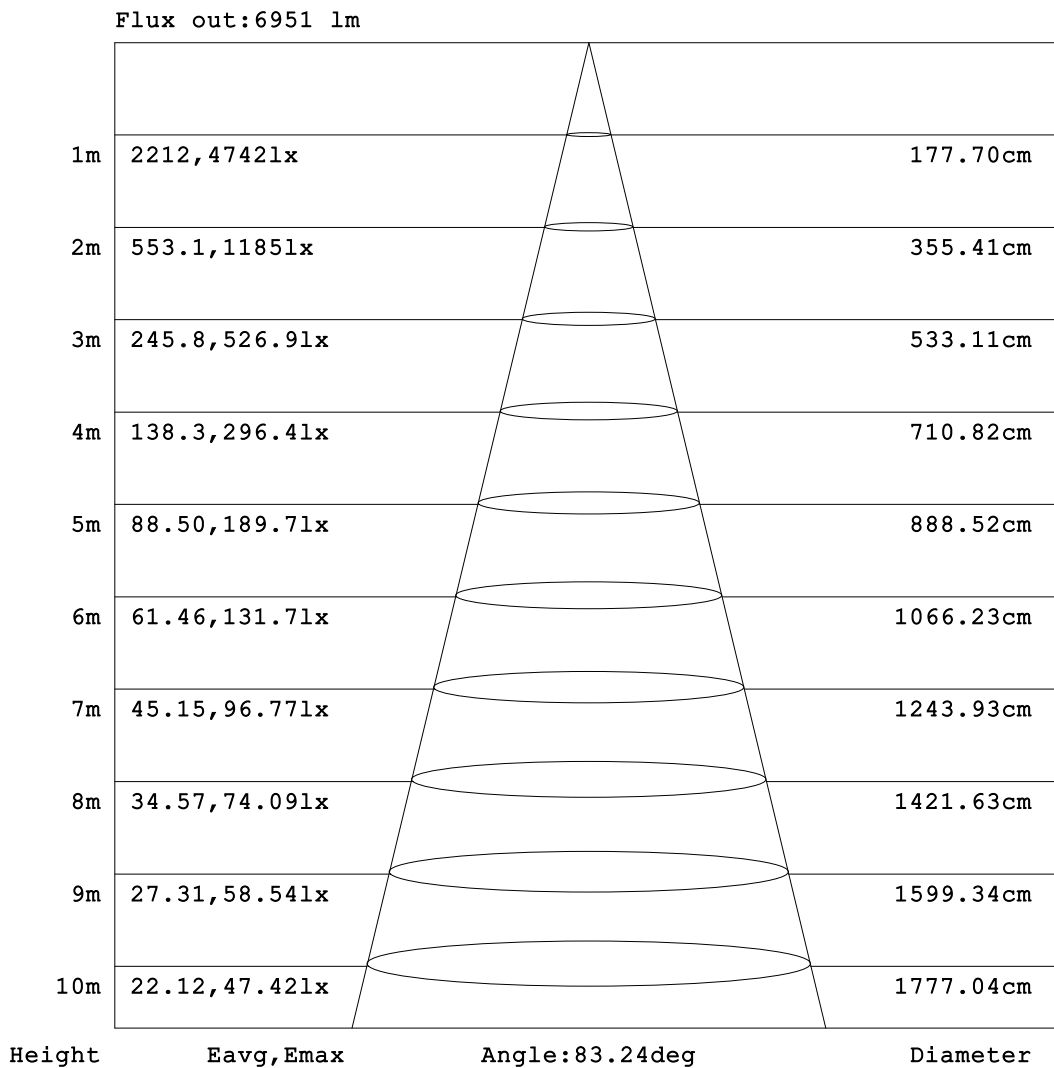


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |



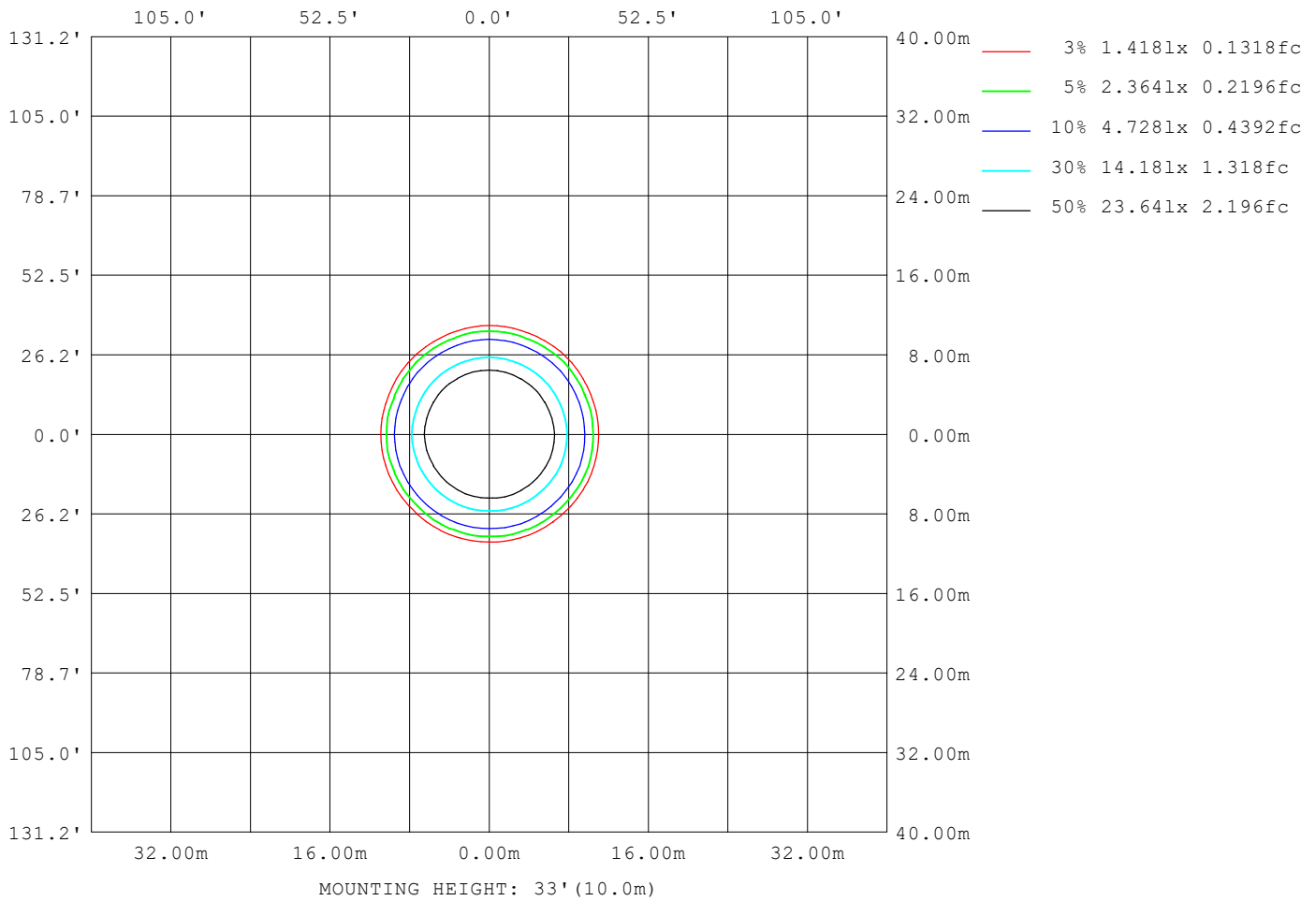
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2023-11-10

γ Range: 0 - 180DEG
γ Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
Humidity:65.0%
Test Distance:9.401m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

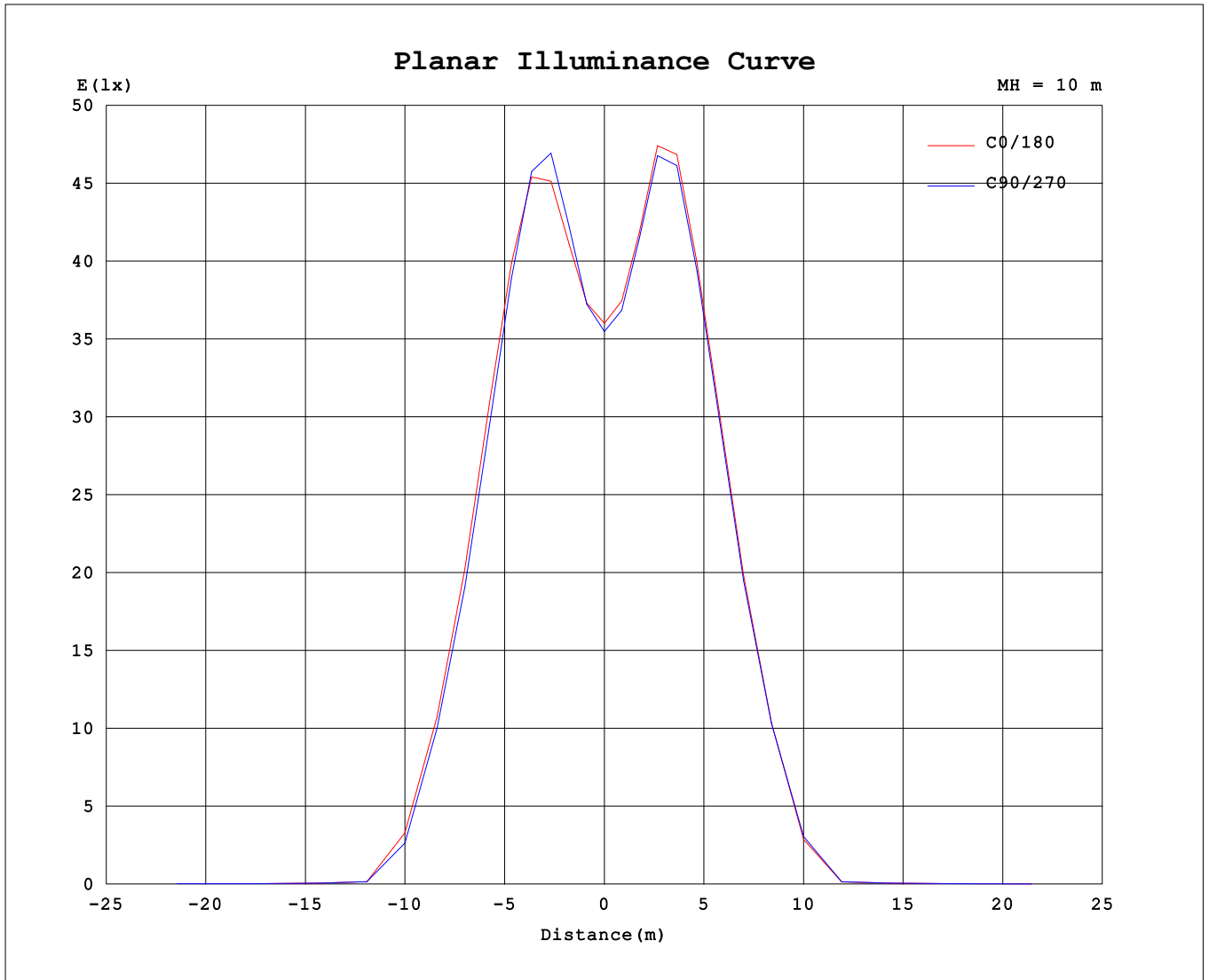
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 519 |
| L_0~180 (75) av | 882 |
| L_0~180 (85) av | 411 |
| L_90~270 (65) av | 463 |
| L_90~270 (75) av | 832 |
| L_90~270 (85) av | 109 |
| L_45 (65) av | 489 |
| L_45 (75) av | 863 |
| L_45 (85) av | 194 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity:65.0%
 Test Distance:9.401m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-10

γ Range: 0 - 180DEG
 γ Interval: 5.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.473
 Humidity: 65.0%
 Test Distance: 9.401m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---------------|------------------|
| Test:U:220.31V I:0.2770A P:59.205W PF:0.9703 Freq:50.00Hz Lamp Flux:7366.01x1 lm | | |
| NAME: 射灯 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 156.5mm | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|-------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | 3556 | | | |
| 5 | 3727 | 3719 | 3737 | 3749 | 3774 | 3782 | 3781 | 3755 | 3740 | 3724 | 3714 | 3739 | 3735 | 3750 | 3733 | 3733 | | | |
| 10 | 4247 | 4235 | 4310 | 4361 | 4429 | 4454 | 4457 | 4386 | 4325 | 4294 | 4274 | 4337 | 4351 | 4368 | 4292 | 4279 | | | |
| 15 | 4945 | 4937 | 5030 | 5126 | 5219 | 5245 | 5245 | 5204 | 5194 | 5153 | 5095 | 5166 | 5200 | 5199 | 5085 | 5001 | | | |
| 20 | 5403 | 5381 | 5431 | 5483 | 5526 | 5556 | 5550 | 5551 | 5574 | 5538 | 5528 | 5551 | 5573 | 5548 | 5501 | 5453 | | | |
| 25 | 5290 | 5275 | 5272 | 5261 | 5239 | 5274 | 5261 | 5274 | 5289 | 5261 | 5277 | 5280 | 5297 | 5266 | 5272 | 5271 | | | |
| 30 | 4685 | 4696 | 4635 | 4605 | 4536 | 4572 | 4558 | 4594 | 4616 | 4574 | 4594 | 4591 | 4618 | 4565 | 4594 | 4631 | | | |
| 35 | 3637 | 3666 | 3594 | 3582 | 3480 | 3520 | 3506 | 3559 | 3559 | 3485 | 3535 | 3523 | 3548 | 3507 | 3564 | 3586 | | | |
| 40 | 2361 | 2372 | 2307 | 2313 | 2236 | 2266 | 2255 | 2271 | 2277 | 2225 | 2266 | 2258 | 2303 | 2289 | 2343 | 2339 | | | |
| 45 | 923 | 926 | 827 | 828 | 753 | 784 | 759 | 802 | 808 | 774 | 817 | 808 | 869 | 853 | 927 | 907 | | | |
| 50 | 66.1 | 65.5 | 64.8 | 66.6 | 67.9 | 62.5 | 61.5 | 60.6 | 60.8 | 62.6 | 61.6 | 62.6 | 64.5 | 67.2 | 68.6 | 64.8 | | | |
| 55 | 44.9 | 44.6 | 42.9 | 42.5 | 41.8 | 40.4 | 39.7 | 40.3 | 40.9 | 40.9 | 40.5 | 39.8 | 41.7 | 42.9 | 45.0 | 43.8 | | | |
| 60 | 39.9 | 39.5 | 37.4 | 35.7 | 35.2 | 34.1 | 34.0 | 35.0 | 34.9 | 34.4 | 33.1 | 32.8 | 35.1 | 36.2 | 37.6 | 38.1 | | | |
| 65 | 56.8 | 56.8 | 53.5 | 49.8 | 49.1 | 48.8 | 50.0 | 50.3 | 50.6 | 50.8 | 49.0 | 48.9 | 46.7 | 46.8 | 50.0 | 53.5 | | | |
| 70 | 57.3 | 57.7 | 58.0 | 56.6 | 54.8 | 54.9 | 56.0 | 57.7 | 57.3 | 58.3 | 57.9 | 55.3 | 54.5 | 54.1 | 54.6 | 55.6 | | | |
| 75 | 55.2 | 56.0 | 57.1 | 56.1 | 54.2 | 53.3 | 54.8 | 56.4 | 56.7 | 57.2 | 55.6 | 52.5 | 51.3 | 50.5 | 51.3 | 52.7 | | | |
| 80 | 37.7 | 37.9 | 36.3 | 33.7 | 31.4 | 31.6 | 33.5 | 34.7 | 35.1 | 34.8 | 34.3 | 31.4 | 32.3 | 30.6 | 33.2 | 35.3 | | | |
| 85 | 10.2 | 9.92 | 4.60 | 2.59 | 2.12 | 2.28 | 3.64 | 6.37 | 7.36 | 5.73 | 4.16 | 2.71 | 2.54 | 2.66 | 4.13 | 7.55 | | | |
| 90 | 0.34 | 0.33 | 0.33 | 0.31 | 0.31 | 0.31 | 0.32 | 0.34 | 0.43 | 0.46 | 0.43 | 0.40 | 0.40 | 0.39 | 0.40 | 0.46 | | | |
| 95 | 0.41 | 0.47 | 0.41 | 0.46 | 0.40 | 0.47 | 0.42 | 0.49 | 0.77 | 0.71 | 0.72 | 0.65 | 0.67 | 0.62 | 0.66 | 0.63 | | | |
| 100 | 1.03 | 1.08 | 1.04 | 1.09 | 1.07 | 1.12 | 1.11 | 1.16 | 1.74 | 1.69 | 1.66 | 1.59 | 1.57 | 1.52 | 1.55 | 1.54 | | | |
| 105 | 2.28 | 2.29 | 2.29 | 2.33 | 2.34 | 2.37 | 2.40 | 2.44 | 3.40 | 3.37 | 3.29 | 3.21 | 3.12 | 3.12 | 3.12 | 3.15 | | | |
| 110 | 4.17 | 4.17 | 4.22 | 4.23 | 4.28 | 4.28 | 4.35 | 4.38 | 5.76 | 5.74 | 5.61 | 5.53 | 5.41 | 5.41 | 5.38 | 5.44 | | | |
| 115 | 6.66 | 6.65 | 6.72 | 6.72 | 6.79 | 6.79 | 6.88 | 6.90 | 8.62 | 8.61 | 8.44 | 8.37 | 8.25 | 8.26 | 8.21 | 8.29 | | | |
| 120 | 9.63 | 9.60 | 9.70 | 9.70 | 9.79 | 9.78 | 9.88 | 9.87 | 11.8 | 11.8 | 11.6 | 11.6 | 11.4 | 11.5 | 11.4 | 11.5 | | | |
| 125 | 12.9 | 12.9 | 12.9 | 12.9 | 13.0 | 13.0 | 13.1 | 13.1 | 15.0 | 15.0 | 14.8 | 14.8 | 14.7 | 14.7 | 14.7 | 14.8 | | | |
| 130 | 15.9 | 15.9 | 16.0 | 16.0 | 16.0 | 16.0 | 16.1 | 16.0 | 17.9 | 17.8 | 17.8 | 17.8 | 17.7 | 17.8 | 17.8 | 17.8 | | | |
| 135 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.5 | 20.5 | 20.3 | 20.2 | 20.2 | 20.2 | 20.3 | 20.4 | 20.4 | | | |
| 140 | 20.9 | 20.9 | 20.9 | 20.9 | 20.9 | 20.8 | 20.7 | 20.8 | 22.6 | 22.4 | 22.2 | 22.3 | 22.4 | 22.5 | 22.4 | 22.6 | | | |
| 145 | 22.8 | 22.9 | 22.8 | 22.9 | 23.0 | 22.8 | 22.6 | 22.7 | 24.5 | 24.2 | 24.0 | 24.1 | 24.4 | 24.3 | 24.3 | 24.5 | | | |
| 150 | 24.5 | 24.6 | 24.6 | 24.8 | 24.8 | 24.5 | 24.4 | 24.4 | 26.2 | 26.0 | 25.8 | 25.8 | 26.2 | 26.1 | 26.1 | 26.2 | | | |
| 155 | 26.1 | 26.3 | 26.5 | 26.6 | 26.6 | 26.3 | 26.2 | 26.2 | 28.2 | 27.9 | 27.8 | 27.7 | 28.1 | 28.0 | 28.0 | 28.0 | | | |
| 160 | 28.6 | 28.9 | 29.1 | 29.2 | 29.2 | 29.0 | 28.9 | 29.0 | 31.0 | 30.7 | 30.6 | 30.6 | 30.7 | 30.8 | 30.8 | 30.6 | | | |
| 165 | 32.6 | 32.8 | 33.0 | 33.3 | 33.2 | 33.0 | 32.9 | 33.0 | 35.1 | 34.8 | 34.5 | 34.6 | 34.8 | 34.9 | 34.6 | 34.5 | | | |
| 170 | 37.3 | 37.4 | 37.6 | 37.9 | 37.7 | 37.5 | 37.6 | 37.7 | 39.6 | 39.3 | 39.0 | 38.9 | 39.1 | 39.3 | 39.1 | 38.9 | | | |
| 175 | 41.6 | 41.8 | 41.8 | 41.9 | 41.7 | 41.8 | 41.9 | 41.9 | 43.0 | 42.7 | 42.7 | 42.4 | 42.5 | 42.7 | 42.9 | 42.6 | | | |
| 180 | 43.9 | 43.9 | 43.8 | 43.8 | 43.7 | 43.9 | 44.1 | 44.0 | 44.2 | 43.8 | 44.0 | 43.7 | 43.8 | 43.9 | 44.2 | 44.0 | | | |

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