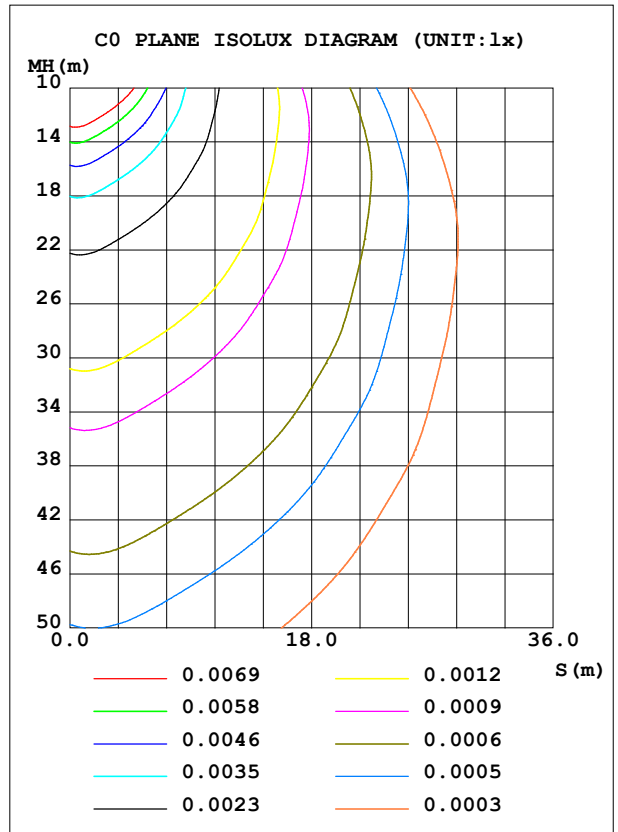
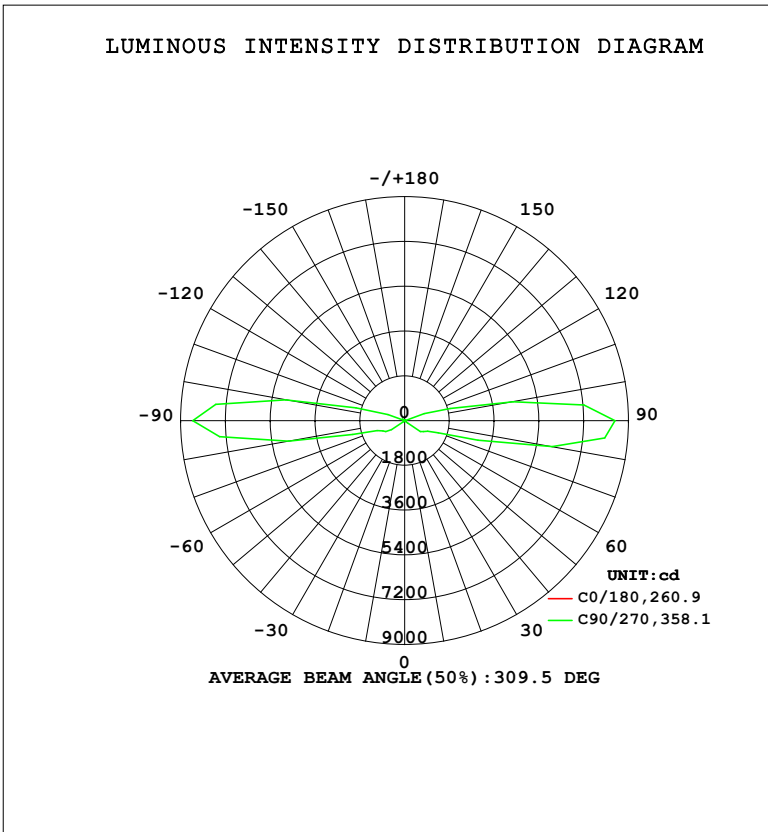


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|------------|------------------|
| Test:U:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 86.30 lm/W |
|-------------------|---------|-----------------------|---------|---------------------|------------|-----------------|
| MODEL | W09B | I _{max} (cd) | 8514 | S/MH (C0/180) | 1.15 | |
| NOMINAL POWER (W) | 20 | LOR (%) | 100.0 | S/MH (C90/270) | 62.28 | |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 1733.1 | η UP, DN (C0-180) | 21.4, 29.7 | |
| NOMINAL FLUX (lm) | 1733.06 | CIE CLASS | DIFFUSE | η UP, DN (C180-360) | 22.3, 26.6 | |
| LAMPS INSIDE | 1 | η up (%) | 43.7 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE (V) | 219.5 | η down (%) | 56.3 | CIBSE SHR MAX | 0.55 | |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-11-23

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 | 0.4408 | 0.9500 | 1.707 | 0.9203 | 0.4308 | 0.8806 | 1.426 | 0.7886 | 0- 10 | 0.0562 | 0.0562 | 0.00,0.00 |
| 20 | 0.4038 | 1.749 | 3.641 | 1.556 | 0.3865 | 1.558 | 3.107 | 1.302 | 10- 20 | 0.2462 | 0.3023 | 0.02,0.02 |
| 30 | 0.3669 | 2.961 | 14.16 | 2.354 | 0.3545 | 2.571 | 11.82 | 2.100 | 20- 30 | 0.7292 | 1.032 | 0.06,0.06 |
| 40 | 0.3324 | 7.496 | 34.25 | 4.781 | 0.3373 | 6.046 | 33.48 | 4.212 | 30- 40 | 2.475 | 3.506 | 0.20,0.20 |
| 50 | 0.3127 | 15.43 | 157.8 | 10.30 | 0.3373 | 13.35 | 93.52 | 9.712 | 40- 50 | 6.854 | 10.36 | 0.60,0.60 |
| 60 | 0.3004 | 22.07 | 876.6 | 15.64 | 0.3373 | 20.11 | 876.3 | 15.93 | 50- 60 | 46.79 | 57.15 | 3.3,3.3 |
| 70 | 0.2881 | 28.27 | 1441 | 19.29 | 0.3373 | 26.38 | 1185 | 20.38 | 60- 70 | 130.8 | 187.9 | 10.8,10.8 |
| 80 | 0.2831 | 30.56 | 6024 | 22.22 | 0.3373 | 30.30 | 4752 | 24.02 | 70- 80 | 264.2 | 452.1 | 26.1,26.1 |
| 90 | 0.2708 | 30.49 | 8459 | 23.06 | 0.3324 | 32.12 | 8514 | 24.56 | 80- 90 | 523.8 | 975.9 | 56.3,56.3 |
| 100 | 0.2610 | 27.72 | 4432 | 21.99 | 0.3176 | 29.66 | 4860 | 22.83 | 90-100 | 501.5 | 1477 | 85.3,85.3 |
| 110 | 0.2462 | 15.75 | 838.7 | 12.40 | 0.3077 | 16.01 | 715.9 | 12.87 | 100-110 | 210.8 | 1688 | 97.4,97.4 |
| 120 | 0.2315 | 4.944 | 32.28 | 4.118 | 0.2905 | 5.864 | 36.66 | 4.093 | 110-120 | 33.81 | 1722 | 99.4,99.4 |
| 130 | 0.2118 | 7.065 | 24.01 | 5.884 | 0.2683 | 8.507 | 119.5 | 6.115 | 120-130 | 4.945 | 1727 | 99.7,99.7 |
| 140 | 0.1994 | 4.496 | 18.01 | 3.536 | 0.2388 | 6.033 | 19.99 | 3.852 | 130-140 | 3.556 | 1731 | 99.9,99.9 |
| 150 | 0.1945 | 2.186 | 9.879 | 1.995 | 0.2043 | 2.496 | 12.50 | 1.935 | 140-150 | 1.787 | 1732 | 100,100 |
| 160 | 0.1945 | 1.135 | 2.897 | 1.122 | 0.2043 | 0.5648 | 3.350 | 0.5017 | 150-160 | 0.5460 | 1733 | 100,100 |
| 170 | 0.1896 | 0.1315 | 0.0753 | 0.2564 | 0.1896 | 0.2124 | 0.0454 | 0.1614 | 160-170 | 0.1160 | 1733 | 100,100 |
| 180 | 0.1748 | 0.1113 | 0 | 0.1804 | 0.1822 | 0.1517 | 0 | 0.1139 | 170-180 | 0.0185 | 1733 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 6.0155 lm

%lum = 0.3%

%lamp = 0.3%

Conical surface Flux(130deg): 113.34 lm

%lum = 6.5%

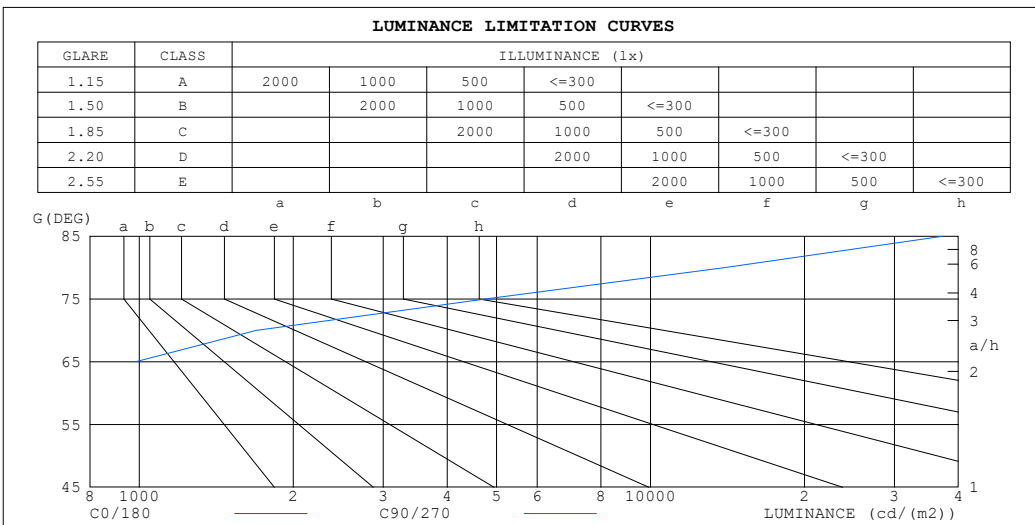
%lamp = 6.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |



| LUMINANCE cd/ (m2) | | |
|--------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 8 | 37218 |
| 80 | 4 | 13932 |
| 75 | 3 | 4745 |
| 70 | 2 | 1693 |
| 65 | 2 | 983 |
| 60 | 1 | 704 |
| 55 | 1 | 545 |
| 50 | 1 | 99 |
| 45 | 1 | 28 |

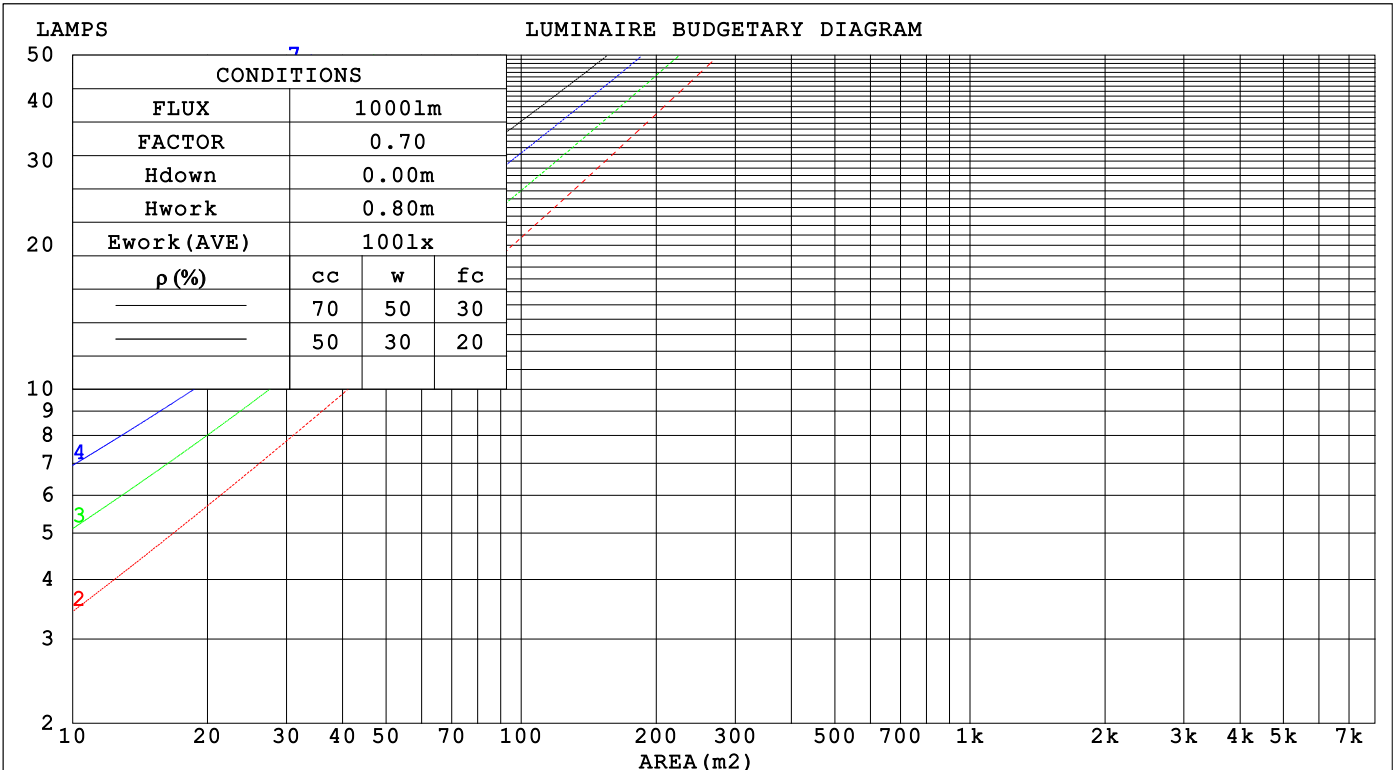
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.09 | 1.09 | 1.09 | 1.01 | 1.01 | 1.01 | .87 | .87 | .87 | .74 | .74 | .74 | .62 | .62 | .62 | .56 |
| 1.0 | .76 | .67 | .59 | .69 | .61 | .54 | .56 | .50 | .44 | .45 | .39 | .34 | .34 | .30 | .26 | .20 |
| 2.0 | .61 | .50 | .41 | .55 | .45 | .37 | .44 | .36 | .29 | .34 | .28 | .22 | .25 | .20 | .15 | .10 |
| 3.0 | .52 | .40 | .31 | .47 | .36 | .28 | .37 | .29 | .22 | .28 | .21 | .16 | .20 | .15 | .10 | .05 |
| 4.0 | .45 | .33 | .24 | .40 | .30 | .22 | .32 | .24 | .17 | .24 | .17 | .12 | .17 | .12 | .07 | .03 |
| 5.0 | .39 | .28 | .20 | .35 | .25 | .18 | .28 | .20 | .14 | .21 | .15 | .10 | .15 | .10 | .05 | .02 |
| 6.0 | .35 | .24 | .17 | .32 | .22 | .15 | .25 | .17 | .11 | .19 | .13 | .08 | .14 | .08 | .04 | .01 |
| 7.0 | .31 | .21 | .14 | .28 | .19 | .13 | .23 | .15 | .10 | .17 | .11 | .07 | .13 | .08 | .04 | .01 |
| 8.0 | .28 | .19 | .12 | .26 | .17 | .11 | .21 | .14 | .08 | .16 | .10 | .06 | .12 | .07 | .03 | .00 |
| 9.0 | .26 | .17 | .11 | .23 | .15 | .10 | .19 | .12 | .07 | .15 | .09 | .05 | .11 | .06 | .03 | .00 |
| 10.0 | .24 | .15 | .10 | .21 | .14 | .09 | .17 | .11 | .06 | .14 | .08 | .04 | .10 | .06 | .02 | .00 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz | | | | | | | | |
| Lamp Flux:1733.06x1 lm | | | | | | | | |
| NAME: | | | TYPE: 双头壁灯 | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: EVERFINE | | | SUR.: | | | 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 | .647 | .368 | .117 | .626 | .357 | .113 | .586 | .336 | .107 | .550 | .317 | .102 | .516 | .299 | .096 | |
| 2.0 | .470 | .258 | .079 | .451 | .248 | .077 | .415 | .231 | .072 | .381 | .214 | .067 | .350 | .198 | .062 | |
| 3.0 | .380 | .202 | .061 | .362 | .194 | .058 | .329 | .178 | .054 | .298 | .164 | .050 | .270 | .150 | .046 | |
| 4.0 | .321 | .167 | .049 | .305 | .160 | .047 | .275 | .146 | .044 | .247 | .133 | .040 | .221 | .120 | .037 | |
| 5.0 | .280 | .143 | .041 | .265 | .136 | .040 | .238 | .124 | .036 | .212 | .112 | .033 | .188 | .100 | .030 | |
| 6.0 | .249 | .125 | .036 | .235 | .119 | .034 | .210 | .108 | .031 | .186 | .097 | .028 | .164 | .086 | .026 | |
| 7.0 | .224 | .111 | .031 | .212 | .106 | .030 | .188 | .095 | .027 | .166 | .085 | .025 | .146 | .076 | .022 | |
| 8.0 | .204 | .100 | .028 | .193 | .095 | .027 | .171 | .086 | .024 | .151 | .076 | .022 | .132 | .068 | .020 | |
| 9.0 | .188 | .091 | .025 | .177 | .086 | .024 | .157 | .078 | .022 | .138 | .069 | .020 | .120 | .061 | .018 | |
| 10.0 | .174 | .083 | .023 | .164 | .079 | .022 | .145 | .071 | .020 | .127 | .063 | .018 | .111 | .056 | .016 | |

| 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 | .523 | .523 | .523 | .447 | .447 | .447 | .305 | .305 | .305 | .175 | .175 | .175 | .056 | .056 | .056 | |
| 1.0 | .539 | .489 | .443 | .461 | .419 | .382 | .316 | .289 | .264 | .182 | .167 | .153 | .058 | .054 | .050 | |
| 2.0 | .534 | .469 | .414 | .457 | .404 | .358 | .313 | .279 | .250 | .181 | .162 | .146 | .058 | .053 | .048 | |
| 3.0 | .525 | .455 | .398 | .450 | .392 | .345 | .309 | .273 | .242 | .179 | .159 | .143 | .057 | .052 | .047 | |
| 4.0 | .516 | .444 | .389 | .443 | .383 | .338 | .304 | .267 | .238 | .176 | .157 | .141 | .057 | .051 | .046 | |
| 5.0 | .506 | .435 | .382 | .435 | .376 | .332 | .300 | .263 | .235 | .174 | .154 | .139 | .056 | .050 | .046 | |
| 6.0 | .498 | .428 | .377 | .428 | .370 | .329 | .295 | .259 | .233 | .171 | .152 | .138 | .055 | .050 | .046 | |
| 7.0 | .489 | .421 | .374 | .421 | .365 | .326 | .291 | .256 | .231 | .169 | .151 | .137 | .055 | .049 | .045 | |
| 8.0 | .482 | .416 | .371 | .415 | .361 | .324 | .287 | .253 | .230 | .167 | .150 | .137 | .054 | .049 | .045 | |
| 9.0 | .474 | .412 | .369 | .409 | .357 | .322 | .283 | .251 | .229 | .165 | .148 | .136 | .053 | .049 | .045 | |
| 10.0 | .468 | .408 | .367 | .403 | .354 | .321 | .280 | .249 | .228 | .163 | .147 | .136 | .053 | .048 | .045 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz | | | | | | | | | | |
| Lamp Flux:1733.06x1 lm | | | | | | | | | | |
| NAME: | | TYPE: 双头壁灯 | | | | WEIGHT: | | | | |
| SPEC.: | | DIM.: | | | | SERIAL No.: | | | | |
| MFR.: EVERFINE | | SUR.: | | | | 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 | -23.5 | -22.2 | -22.7 | -21.3 | -20.2 | 7.0 | 8.3 | 7.8 | 9.2 | 10.3 |
| 3H | -22.8 | -21.5 | -21.9 | -20.6 | -19.5 | 11.7 | 12.9 | 12.5 | 13.8 | 14.9 |
| 4H | -22.2 | -21.0 | -21.3 | -20.1 | -18.9 | 18.5 | 19.7 | 19.3 | 20.6 | 21.7 |
| 6H | -21.4 | -20.3 | -20.5 | -19.4 | -18.2 | 25.6 | 26.7 | 26.5 | 27.7 | 28.8 |
| 8H | -21.0 | -19.9 | -20.1 | -18.9 | -17.7 | 28.9 | 30.0 | 29.7 | 30.9 | 32.1 |
| 12H | -20.4 | -19.4 | -19.6 | -18.4 | -17.2 | 31.6 | 32.7 | 32.5 | 33.6 | 34.8 |
| 4H 2H | -3.1 | -1.9 | -2.3 | -1.0 | 0.1 | 6.8 | 7.9 | 7.6 | 8.8 | 10.0 |
| 3H | -3.5 | -2.4 | -2.6 | -1.5 | -0.3 | 12.1 | 13.2 | 13.0 | 14.1 | 15.3 |
| 4H | -3.6 | -2.6 | -2.7 | -1.7 | -0.5 | 18.6 | 19.6 | 19.5 | 20.6 | 21.8 |
| 6H | -3.8 | -2.9 | -2.9 | -1.9 | -0.7 | 25.9 | 26.8 | 26.8 | 27.7 | 29.0 |
| 8H | -3.9 | -3.0 | -3.0 | -2.1 | -0.8 | 29.3 | 30.2 | 30.2 | 31.2 | 32.4 |
| 12H | -4.0 | -3.2 | -3.1 | -2.2 | -0.9 | 32.3 | 33.2 | 33.3 | 34.1 | 35.4 |
| 8H 4H | 4.5 | 5.4 | 5.5 | 6.4 | 7.6 | 18.4 | 19.3 | 19.3 | 20.2 | 21.5 |
| 6H | 4.4 | 5.2 | 5.3 | 6.1 | 7.4 | 25.7 | 26.4 | 26.6 | 27.4 | 28.7 |
| 8H | 4.3 | 5.0 | 5.2 | 6.0 | 7.3 | 29.2 | 29.9 | 30.1 | 30.9 | 32.2 |
| 12H | 4.2 | 4.9 | 5.2 | 5.9 | 7.2 | 32.5 | 33.2 | 33.5 | 34.2 | 35.5 |
| 12H 4H | 8.4 | 9.2 | 9.3 | 10.2 | 11.5 | 18.3 | 19.1 | 19.2 | 20.1 | 21.4 |
| 6H | 8.4 | 9.1 | 9.4 | 10.1 | 11.4 | 25.6 | 26.3 | 26.5 | 27.3 | 28.6 |
| 8H | 8.3 | 9.0 | 9.3 | 10.0 | 11.3 | 29.1 | 29.8 | 30.1 | 30.8 | 32.1 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.5 | | | | | + 0.4 / - 0.3 | | | | |
| 1.5H | + 1.1 / - 0.4 | | | | | + 0.8 / - 0.6 | | | | |
| 2.0H | + 2.1 / - 1.5 | | | | | + 1.3 / - 0.9 | | | | |

CIE Pub.117, 1733 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.9)
Area: 1 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

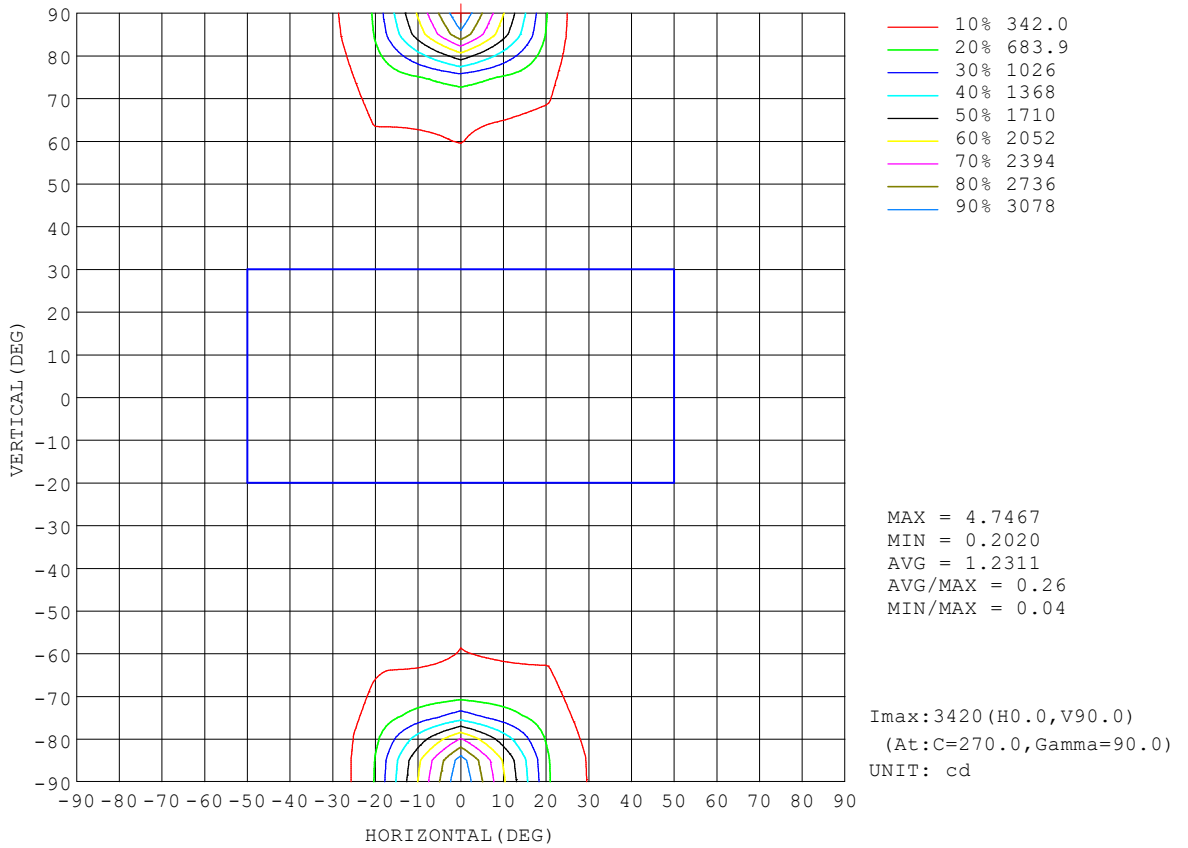
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 30 | 16 | 8 | 29 | 15 | 8 | 27 | 14 | 7 | 0 |
| 0.80 | 37 | 20 | 10 | 35 | 19 | 10 | 31 | 18 | 9 | 1 |
| 1.00 | 42 | 24 | 13 | 40 | 23 | 13 | 35 | 24 | 12 | 1 |
| 1.25 | 48 | 29 | 17 | 45 | 28 | 16 | 39 | 25 | 15 | 2 |
| 1.50 | 52 | 34 | 21 | 49 | 32 | 20 | 42 | 28 | 18 | 4 |
| 2.00 | 60 | 41 | 28 | 55 | 39 | 26 | 48 | 34 | 23 | 7 |
| 2.50 | 65 | 47 | 34 | 60 | 44 | 32 | 51 | 38 | 28 | 10 |
| 3.00 | 69 | 52 | 39 | 64 | 49 | 36 | 55 | 42 | 32 | 12 |
| 4.00 | 75 | 60 | 47 | 70 | 56 | 44 | 59 | 48 | 38 | 17 |
| 5.00 | 80 | 66 | 54 | 74 | 61 | 50 | 62 | 52 | 43 | 20 |
| 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:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

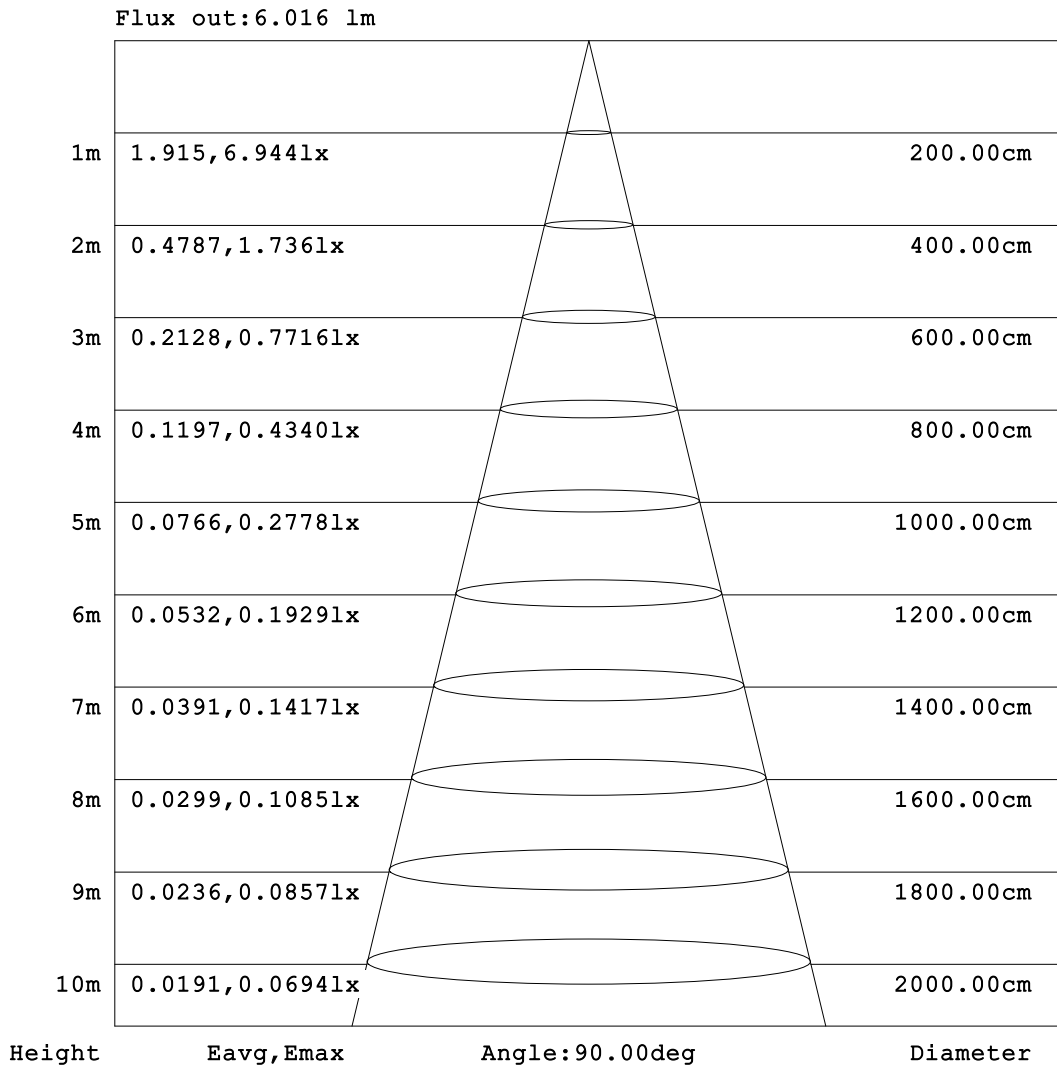


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |



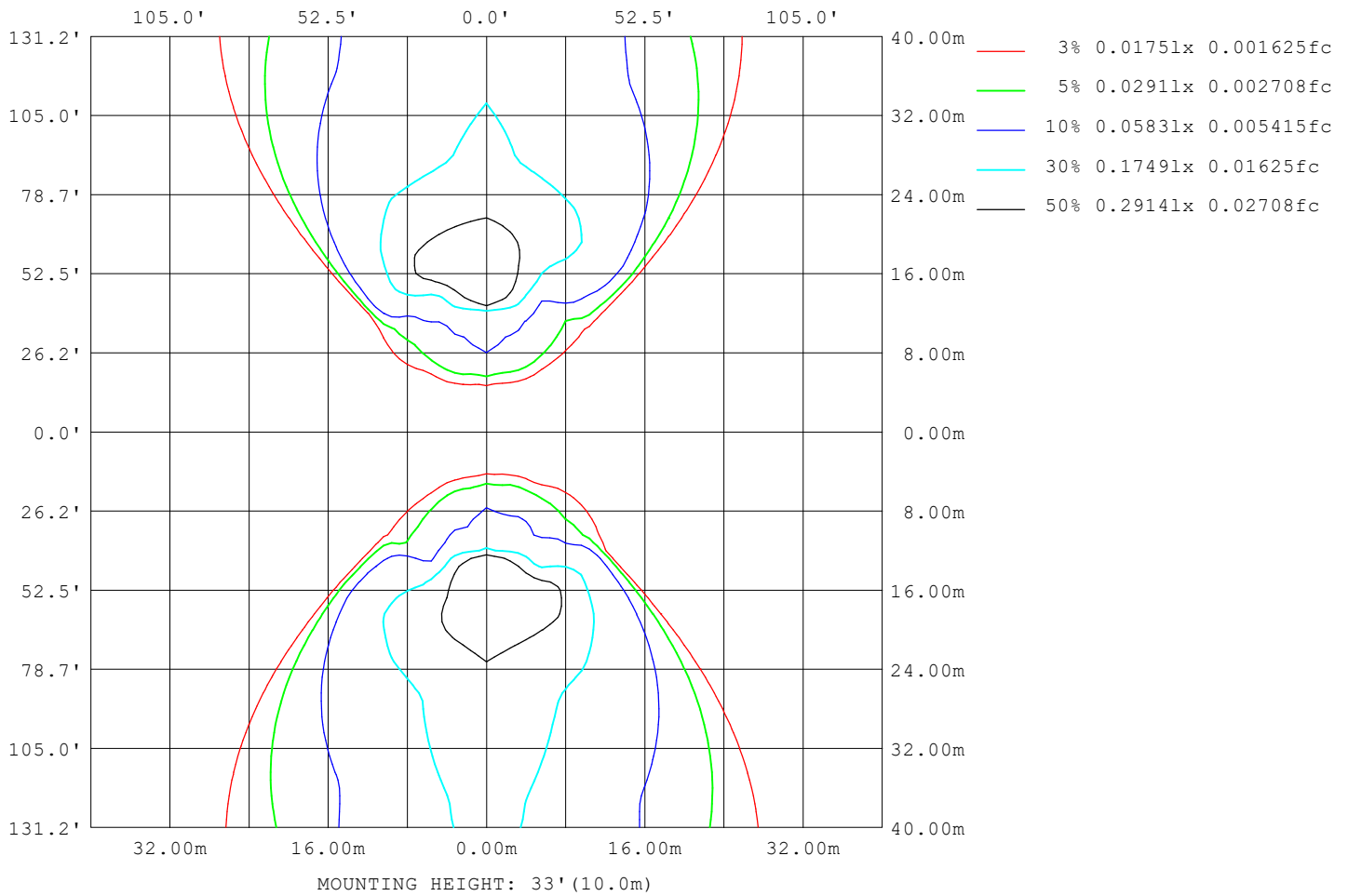
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | Shielding Angle: |

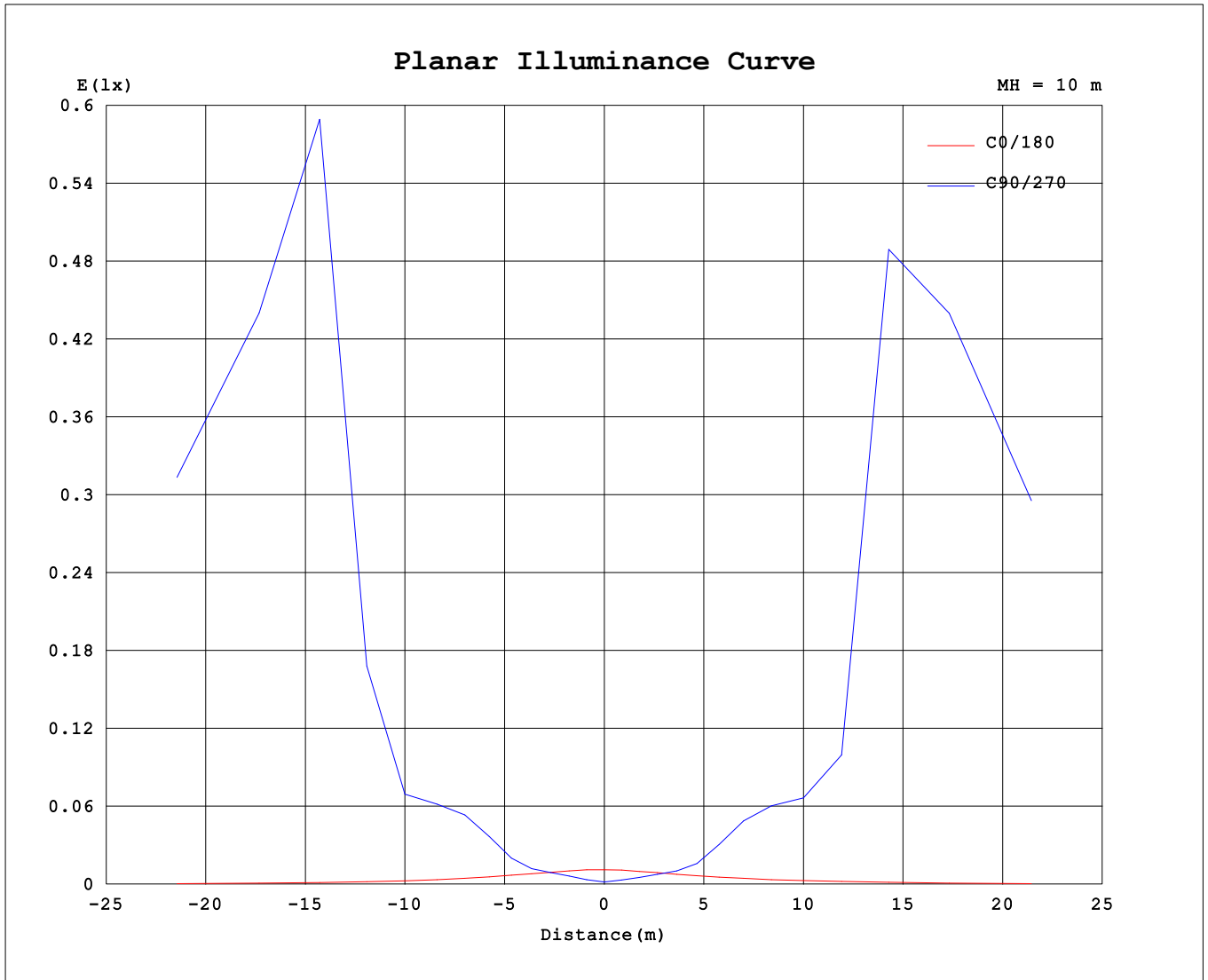
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 1 |
| L_0~180 (75) av | 1 |
| L_0~180 (85) av | 4 |
| L_90~270 (65) av | 2378 |
| L_90~270 (75) av | 10083 |
| L_90~270 (85) av | 89202 |
| L_45 (65) av | 50 |
| L_45 (75) av | 97 |
| L_45 (85) av | 316 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-23

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: 2023-11-23

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:220.34V I:0.1080A P:20.083W PF:0.8439 Freq:50.00Hz Lamp Flux:1733.06x1 lm | | |
| NAME: | TYPE: 双头壁灯 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: | 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 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | 0.47 | | | |
| 5 | 0.47 | 0.50 | 0.66 | 0.94 | 0.93 | 0.96 | 0.62 | 0.53 | 0.45 | 0.46 | 0.62 | 0.58 | 0.84 | 0.63 | 0.60 | 0.43 | | | |
| 10 | 0.44 | 0.51 | 0.95 | 1.55 | 1.71 | 1.56 | 0.92 | 0.58 | 0.43 | 0.51 | 0.88 | 1.05 | 1.43 | 1.11 | 0.79 | 0.41 | | | |
| 15 | 0.42 | 0.52 | 1.32 | 2.28 | 2.53 | 2.23 | 1.22 | 0.64 | 0.41 | 0.57 | 1.19 | 1.62 | 2.15 | 1.74 | 1.05 | 0.38 | | | |
| 20 | 0.40 | 0.57 | 1.75 | 3.11 | 3.64 | 3.01 | 1.56 | 0.69 | 0.39 | 0.65 | 1.56 | 2.35 | 3.11 | 2.50 | 1.30 | 0.35 | | | |
| 25 | 0.39 | 0.65 | 2.21 | 4.85 | 6.74 | 4.41 | 1.92 | 0.77 | 0.37 | 0.74 | 1.98 | 3.74 | 5.41 | 3.74 | 1.66 | 0.35 | | | |
| 30 | 0.37 | 0.73 | 2.96 | 9.58 | 14.16 | 8.51 | 2.35 | 0.83 | 0.35 | 0.82 | 2.57 | 7.56 | 11.82 | 7.10 | 2.10 | 0.39 | | | |
| 35 | 0.35 | 0.80 | 4.55 | 17.24 | 24.25 | 15.51 | 3.17 | 0.89 | 0.34 | 0.92 | 3.70 | 14.79 | 22.12 | 14.25 | 2.80 | 0.43 | | | |
| 40 | 0.33 | 0.88 | 7.50 | 25.7 | 34.2 | 23.7 | 4.78 | 0.96 | 0.34 | 1.03 | 6.05 | 23.3 | 33.5 | 23.7 | 4.21 | 0.47 | | | |
| 45 | 0.32 | 0.96 | 11.41 | 38.0 | 48.9 | 31.4 | 7.32 | 1.02 | 0.34 | 1.15 | 9.42 | 32.9 | 47.0 | 33.4 | 6.67 | 0.51 | | | |
| 50 | 0.31 | 1.07 | 15.43 | 50.5 | 158 | 40.5 | 10.30 | 1.09 | 0.34 | 1.28 | 13.35 | 44.3 | 93.5 | 43.5 | 9.71 | 0.56 | | | |
| 55 | 0.31 | 1.18 | 18.9 | 131 | 778 | 59.4 | 13.21 | 1.15 | 0.34 | 1.40 | 17.0 | 106 | 646 | 56.6 | 13.04 | 0.60 | | | |
| 60 | 0.30 | 1.29 | 22.1 | 582 | 877 | 355 | 15.64 | 1.21 | 0.34 | 1.54 | 20.1 | 553 | 876 | 247 | 15.9 | 0.66 | | | |
| 65 | 0.29 | 1.41 | 25.0 | 770 | 1034 | 763 | 17.6 | 1.27 | 0.34 | 1.66 | 24.0 | 751 | 975 | 661 | 18.3 | 0.72 | | | |
| 70 | 0.29 | 1.53 | 28.3 | 832 | 1441 | 808 | 19.3 | 1.31 | 0.34 | 1.79 | 26.4 | 803 | 1185 | 788 | 20.4 | 0.77 | | | |
| 75 | 0.29 | 1.63 | 29.7 | 901 | 3058 | 858 | 20.5 | 1.35 | 0.34 | 1.91 | 28.6 | 861 | 2161 | 818 | 22.0 | 0.82 | | | |
| 80 | 0.28 | 1.63 | 30.6 | 984 | 6024 | 916 | 22.2 | 1.36 | 0.34 | 2.02 | 30.3 | 923 | 4752 | 858 | 24.0 | 0.87 | | | |
| 85 | 0.28 | 1.63 | 31.0 | 1067 | 8077 | 929 | 22.9 | 1.36 | 0.33 | 2.10 | 31.5 | 990 | 7472 | 885 | 24.7 | 0.89 | | | |
| 90 | 0.27 | 1.60 | 30.5 | 1077 | 8459 | 927 | 23.1 | 1.35 | 0.33 | 2.12 | 32.1 | 1020 | 8514 | 893 | 24.6 | 0.90 | | | |
| 95 | 0.27 | 1.50 | 29.6 | 1010 | 7238 | 907 | 22.9 | 1.30 | 0.33 | 1.99 | 31.7 | 980 | 7616 | 881 | 24.3 | 0.91 | | | |
| 100 | 0.26 | 1.14 | 27.7 | 918 | 4432 | 865 | 22.0 | 1.13 | 0.32 | 1.56 | 29.7 | 900 | 4860 | 854 | 22.8 | 0.75 | | | |
| 105 | 0.26 | 0.75 | 24.2 | 834 | 1902 | 812 | 18.0 | 0.89 | 0.31 | 1.22 | 25.1 | 822 | 2026 | 805 | 18.3 | 0.49 | | | |
| 110 | 0.25 | 0.49 | 15.75 | 322 | 839 | 266 | 12.40 | 0.79 | 0.31 | 1.11 | 16.01 | 411 | 716 | 173 | 12.87 | 0.34 | | | |
| 115 | 0.24 | 0.52 | 9.56 | 160 | 58.7 | 137 | 7.39 | 0.83 | 0.30 | 1.17 | 10.81 | 255 | 72.3 | 258 | 7.30 | 0.35 | | | |
| 120 | 0.23 | 0.58 | 4.94 | 30.3 | 32.3 | 29.2 | 4.12 | 0.88 | 0.29 | 1.26 | 5.86 | 32.8 | 36.7 | 27.7 | 4.09 | 0.43 | | | |
| 125 | 0.22 | 0.62 | 4.99 | 12.60 | 19.63 | 13.36 | 4.52 | 0.88 | 0.28 | 1.35 | 5.94 | 45.0 | 27.6 | 13.14 | 4.72 | 0.48 | | | |
| 130 | 0.21 | 0.60 | 7.06 | 12.08 | 24.01 | 11.27 | 5.88 | 0.84 | 0.27 | 1.36 | 8.51 | 17.27 | 120 | 13.82 | 6.11 | 0.48 | | | |
| 135 | 0.21 | 0.53 | 6.71 | 13.73 | 19.75 | 13.12 | 5.23 | 0.77 | 0.25 | 1.25 | 8.29 | 17.57 | 22.05 | 14.99 | 5.48 | 0.45 | | | |
| 140 | 0.20 | 0.43 | 4.50 | 14.83 | 18.01 | 14.58 | 3.54 | 0.64 | 0.24 | 1.03 | 6.03 | 17.04 | 19.99 | 16.21 | 3.85 | 0.35 | | | |
| 145 | 0.19 | 0.12 | 3.06 | 11.37 | 16.11 | 11.00 | 2.63 | 0.39 | 0.22 | 0.58 | 4.02 | 13.79 | 18.73 | 12.62 | 2.71 | 0.19 | | | |
| 150 | 0.19 | 0.10 | 2.19 | 6.56 | 9.88 | 6.14 | 2.00 | 0.33 | 0.20 | 0.50 | 2.50 | 8.34 | 12.50 | 7.71 | 1.93 | 0.14 | | | |
| 155 | 0.19 | 0.10 | 1.80 | 3.44 | 4.82 | 3.26 | 1.68 | 0.30 | 0.20 | 0.44 | 1.31 | 4.21 | 6.15 | 4.23 | 0.80 | 0.13 | | | |
| 160 | 0.19 | 0.10 | 1.13 | 2.23 | 2.90 | 2.17 | 1.12 | 0.29 | 0.20 | 0.39 | 0.56 | 1.76 | 3.35 | 1.55 | 0.50 | 0.13 | | | |
| 165 | 0.19 | 0.13 | 0.14 | 0.94 | 1.83 | 0.91 | 0.29 | 0.26 | 0.20 | 0.37 | 0.21 | 1.09 | 1.39 | 1.04 | 0.16 | 0.13 | | | |
| 170 | 0.19 | 0.22 | 0.13 | 0.04 | 0.08 | 0.17 | 0.26 | 0.25 | 0.19 | 0.34 | 0.21 | 0.12 | 0.05 | 0.07 | 0.16 | 0.14 | | | |
| 175 | 0.18 | 0.27 | 0.11 | 0.05 | 0.16 | 0.10 | 0.26 | 0.24 | 0.18 | 0.33 | 0.24 | 0.20 | 0.13 | 0.08 | 0.16 | 0.20 | | | |
| 180 | 0.17 | 0.29 | 0.11 | 0.01 | 0.00 | 0.00 | 0.18 | 0.22 | 0.18 | 0.27 | 0.15 | 0.04 | 0.00 | 0.04 | 0.11 | 0.22 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-11-23

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: