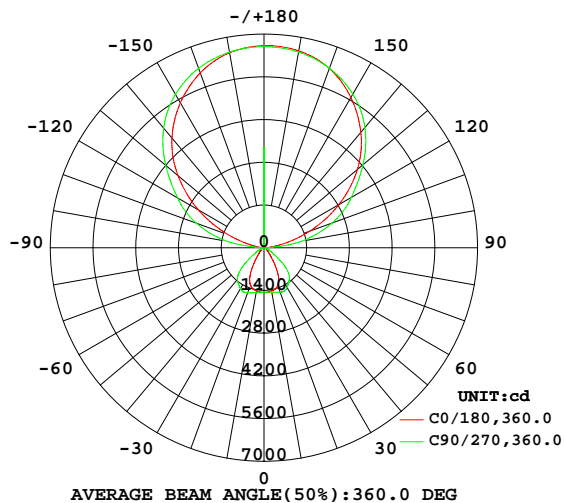


LUMINAIRE PHOTOMETRIC TEST REPORT

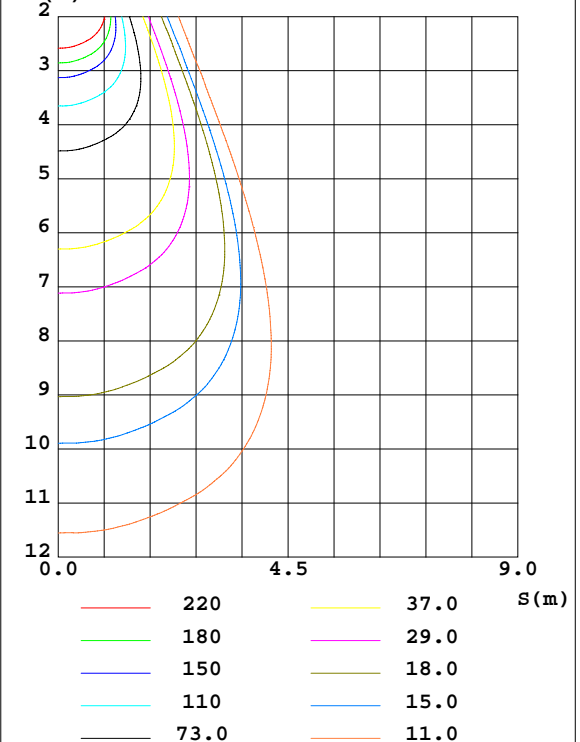
| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 143.31 lm/W | | | |
|------------------|---------|-----------------------------------|-----------|------------------------|----------|
| MODEL | | Imax(cd) | 6627 | S/MH(C0/180) | 0.91 |
| NOMINAL POWER(W) | 200 | LOR(%) | 100.0 | S/MH(C90/270) | 1.47 |
| RATED VOLTAGE(V) | 230.0 | TOTAL FLUX(lm) | 21924 | η UP,DN(C0-180) | 43.8,6.2 |
| NOMINAL FLUX(lm) | 21923.6 | CIE CLASS | SEMI-IND. | η UP,DN(C180-360) | 43.7,6.3 |
| LAMPS INSIDE | 1 | η up(%) | 87.5 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 230.0 | η down(%) | 12.5 | CIBSE SHR MAX | 1.15 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

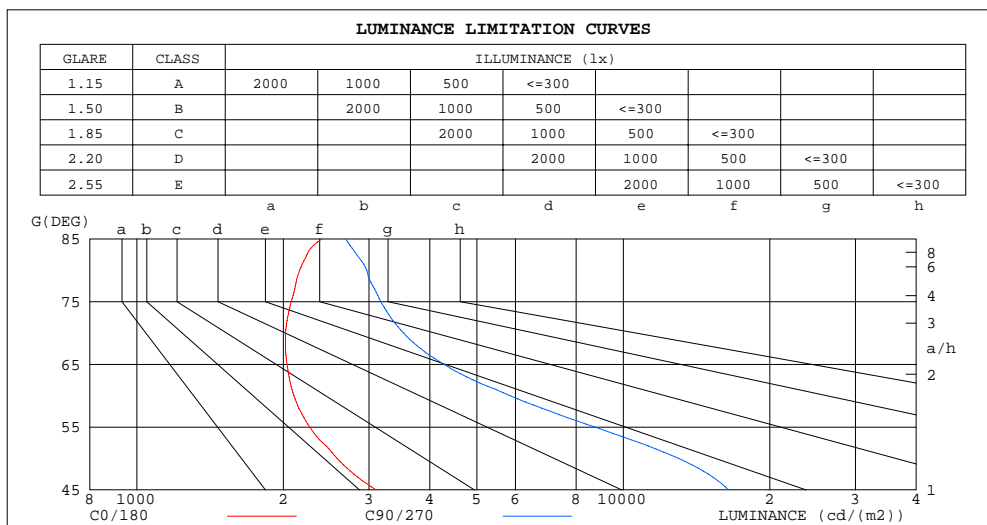
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|------------|
| 10 | 1442 | 1464 | 1477 | 1453 | 1436 | 1468 | 1487 | 1463 | 0- 10 | 139.5 | 139.5 | 0.64,0.64 |
| 20 | 1322 | 1447 | 1555 | 1434 | 1303 | 1450 | 1575 | 1459 | 10- 20 | 413.0 | 552.5 | 2.52,2.52 |
| 30 | 849.2 | 1318 | 1508 | 1262 | 804.3 | 1310 | 1547 | 1311 | 20- 30 | 630.9 | 1183 | 5.4,5.4 |
| 40 | 313.8 | 815.1 | 1302 | 758.0 | 295.4 | 790.9 | 1359 | 815.9 | 30- 40 | 638.3 | 1822 | 8.31,8.31 |
| 50 | 159.3 | 311.0 | 801.9 | 292.2 | 155.2 | 295.7 | 831.1 | 308.9 | 40- 50 | 473.9 | 2296 | 10.5,10.5 |
| 60 | 101.0 | 134.9 | 280.7 | 131.4 | 99.08 | 130.1 | 282.4 | 134.9 | 50- 60 | 244.7 | 2540 | 11.6,11.6 |
| 70 | 66.33 | 77.91 | 116.0 | 75.95 | 65.15 | 75.72 | 115.8 | 77.47 | 60- 70 | 118.5 | 2659 | 12.1,12.1 |
| 80 | 36.03 | 39.47 | 49.48 | 37.99 | 34.72 | 38.21 | 49.69 | 39.37 | 70- 80 | 65.25 | 2724 | 12.4,12.4 |
| 90 | 3.703 | 3.857 | 3.883 | 3.136 | 2.337 | 2.947 | 4.682 | 4.038 | 80- 90 | 23.40 | 2747 | 12.5,12.5 |
| 100 | 481.5 | 893.8 | 1245 | 728.9 | 279.2 | 684.5 | 1209 | 897.3 | 90-100 | 352.2 | 3100 | 14.1,14.1 |
| 110 | 1585 | 1908 | 2379 | 1739 | 1230 | 1655 | 2354 | 1905 | 100-110 | 1380 | 4480 | 20.4,20.4 |
| 120 | 2834 | 2976 | 3302 | 2759 | 2480 | 2678 | 3268 | 2982 | 110-120 | 2346 | 6826 | 31.1,31.1 |
| 130 | 3999 | 4080 | 4233 | 3882 | 3676 | 3822 | 4203 | 4089 | 120-130 | 3089 | 9916 | 45.2,45.2 |
| 140 | 4935 | 5031 | 5145 | 4859 | 4694 | 4799 | 5116 | 5052 | 130-140 | 3471 | 13387 | 61.1,61.1 |
| 150 | 5694 | 5773 | 5820 | 5645 | 5486 | 5591 | 5809 | 5796 | 140-150 | 3349 | 16736 | 76.3,76.3 |
| 160 | 6256 | 6259 | 6267 | 6182 | 6102 | 6150 | 6261 | 6277 | 150-160 | 2758 | 19494 | 88.9,88.9 |
| 170 | 6553 | 6518 | 6514 | 6495 | 6490 | 6472 | 6511 | 6535 | 160-170 | 1804 | 21298 | 97.1,97.1 |
| 180 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 170-180 | 625.6 | 21924 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 2399 | 2686 |
| 80 | 2161 | 2968 |
| 75 | 2076 | 3171 |
| 70 | 2020 | 3534 |
| 65 | 2036 | 4279 |
| 60 | 2104 | 5847 |
| 55 | 2267 | 8743 |
| 50 | 2581 | 12996 |
| 45 | 3104 | 16441 |

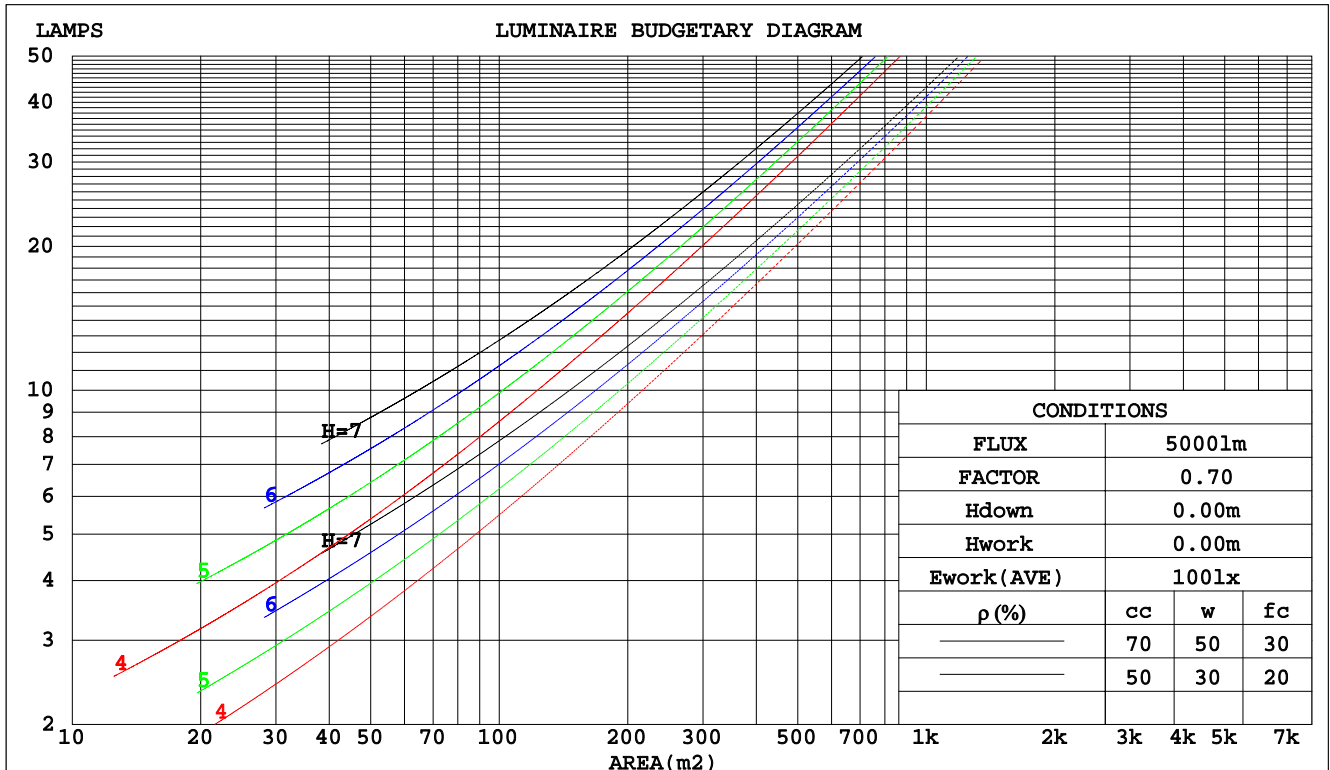
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | 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 | .98 | .98 | .98 | .86 | .86 | .86 | .63 | .63 | .63 | .41 | .41 | .41 | .22 | .22 | .22 | .13 |
| 1.0 | .86 | .82 | .79 | .75 | .72 | .70 | .55 | .53 | .52 | .37 | .36 | .35 | .20 | .19 | .19 | .11 |
| 2.0 | .75 | .70 | .65 | .66 | .61 | .57 | .48 | .46 | .43 | .32 | .31 | .29 | .18 | .17 | .16 | .10 |
| 3.0 | .66 | .60 | .54 | .58 | .53 | .48 | .43 | .39 | .36 | .29 | .27 | .25 | .16 | .15 | .14 | .09 |
| 4.0 | .59 | .51 | .46 | .52 | .46 | .41 | .38 | .34 | .31 | .26 | .24 | .22 | .14 | .13 | .12 | .08 |
| 5.0 | .52 | .45 | .39 | .46 | .40 | .35 | .34 | .30 | .27 | .23 | .21 | .19 | .13 | .12 | .11 | .07 |
| 6.0 | .47 | .39 | .34 | .41 | .35 | .30 | .31 | .27 | .23 | .21 | .18 | .17 | .12 | .11 | .10 | .06 |
| 7.0 | .42 | .35 | .30 | .37 | .31 | .27 | .28 | .24 | .20 | .19 | .16 | .15 | .11 | .10 | .09 | .06 |
| 8.0 | .38 | .31 | .26 | .34 | .28 | .23 | .25 | .21 | .18 | .17 | .15 | .13 | .10 | .09 | .08 | .05 |
| 9.0 | .34 | .28 | .23 | .31 | .25 | .21 | .23 | .19 | .16 | .16 | .13 | .12 | .09 | .08 | .07 | .05 |
| 10.0 | .31 | .25 | .20 | .28 | .22 | .18 | .21 | .17 | .14 | .15 | .12 | .10 | .09 | .07 | .06 | .04 |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|--|--|--|-------------------|--|--|------------------|--|--|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | |
| NAME: | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: 1282*160*28 | | | SERIAL No.: | | |
| MFR.: | | | SUR.:0.8*0.12 | | | 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 | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .255 | .145 | .046 | .222 | .126 | .040 | .159 | .091 | .029 | .102 | .059 | .019 | .049 | .028 | .009 | | |
| 2.0 | .236 | .129 | .040 | .205 | .113 | .035 | .148 | .082 | .026 | .095 | .053 | .017 | .047 | .026 | .008 | | |
| 3.0 | .218 | .116 | .035 | .190 | .102 | .031 | .138 | .075 | .023 | .089 | .049 | .015 | .044 | .024 | .008 | | |
| 4.0 | .203 | .105 | .031 | .177 | .093 | .027 | .128 | .068 | .020 | .083 | .045 | .014 | .042 | .023 | .007 | | |
| 5.0 | .189 | .096 | .028 | .165 | .085 | .025 | .120 | .062 | .018 | .078 | .041 | .012 | .039 | .021 | .006 | | |
| 6.0 | .176 | .088 | .025 | .154 | .078 | .022 | .112 | .058 | .017 | .073 | .038 | .011 | .037 | .019 | .006 | | |
| 7.0 | .165 | .081 | .023 | .144 | .072 | .020 | .105 | .053 | .015 | .069 | .035 | .010 | .035 | .018 | .005 | | |
| 8.0 | .155 | .076 | .021 | .136 | .067 | .019 | .099 | .050 | .014 | .065 | .033 | .010 | .033 | .017 | .005 | | |
| 9.0 | .145 | .070 | .020 | .128 | .062 | .017 | .094 | .046 | .013 | .062 | .031 | .009 | .031 | .016 | .005 | | |
| 10.0 | .137 | .066 | .018 | .121 | .058 | .016 | .089 | .043 | .012 | .058 | .029 | .008 | .030 | .015 | .004 | | |

| | | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|--|
| 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 | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | |
| 0.0 | .857 | .857 | .857 | .732 | .732 | .732 | .500 | .500 | .500 | .287 | .287 | .287 | .092 | .092 | .092 | | |
| 1.0 | .848 | .829 | .811 | .726 | .711 | .698 | .497 | .489 | .483 | .286 | .283 | .281 | .092 | .091 | .091 | | |
| 2.0 | .841 | .809 | .781 | .720 | .696 | .675 | .494 | .482 | .471 | .285 | .280 | .276 | .091 | .091 | .090 | | |
| 3.0 | .835 | .794 | .762 | .715 | .685 | .660 | .491 | .476 | .463 | .284 | .278 | .273 | .091 | .090 | .089 | | |
| 4.0 | .828 | .783 | .748 | .711 | .677 | .650 | .489 | .472 | .458 | .283 | .276 | .271 | .091 | .090 | .089 | | |
| 5.0 | .823 | .774 | .739 | .706 | .670 | .643 | .487 | .468 | .454 | .282 | .275 | .269 | .091 | .090 | .089 | | |
| 6.0 | .817 | .768 | .732 | .702 | .665 | .638 | .484 | .465 | .451 | .281 | .274 | .268 | .091 | .089 | .089 | | |
| 7.0 | .812 | .762 | .727 | .698 | .660 | .634 | .482 | .463 | .449 | .280 | .273 | .267 | .091 | .089 | .088 | | |
| 8.0 | .807 | .757 | .723 | .694 | .657 | .631 | .481 | .461 | .447 | .280 | .272 | .267 | .090 | .089 | .088 | | |
| 9.0 | .802 | .753 | .720 | .691 | .654 | .628 | .479 | .460 | .446 | .279 | .271 | .266 | .090 | .089 | .088 | | |
| 10.0 | .797 | .750 | .718 | .687 | .651 | .627 | .477 | .458 | .445 | .278 | .271 | .266 | .090 | .089 | .088 | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|-----|-------------------|-----|------|------------------|------|------|------|------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | | | |
| NAME: | | | TYPE: | | | WEIGHT: | | | | |
| SPEC.: | | | DIM.: 1282*160*28 | | | SERIAL No.: | | | | |
| MFR.: | | | SUR.:0.8*0.12 | | | 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 | 5.3 | 6.0 | 6.5 | 7.1 | 8.8 | 11.8 | 12.5 | 13.0 | 13.7 | 15.3 |
| 3H | 5.8 | 6.4 | 7.0 | 7.5 | 9.2 | 11.9 | 12.5 | 13.1 | 13.7 | 15.3 |
| 4H | 6.1 | 6.6 | 7.3 | 7.8 | 9.5 | 11.9 | 12.5 | 13.1 | 13.6 | 15.3 |
| 6H | 6.3 | 6.8 | 7.5 | 8.0 | 9.7 | 11.9 | 12.4 | 13.1 | 13.6 | 15.3 |
| 8H | 6.4 | 6.9 | 7.7 | 8.1 | 9.8 | 11.9 | 12.3 | 13.1 | 13.5 | 15.2 |
| 12H | 6.5 | 7.0 | 7.8 | 8.2 | 9.9 | 11.8 | 12.3 | 13.0 | 13.4 | 15.2 |
| 4H 2H | 5.6 | 6.2 | 6.8 | 7.3 | 9.0 | 11.4 | 11.9 | 12.6 | 13.1 | 14.8 |
| 3H | 6.2 | 6.7 | 7.4 | 7.8 | 9.5 | 11.5 | 12.0 | 12.7 | 13.2 | 14.9 |
| 4H | 6.6 | 7.0 | 7.8 | 8.2 | 9.9 | 11.6 | 12.0 | 12.8 | 13.2 | 14.9 |
| 6H | 7.0 | 7.3 | 8.2 | 8.5 | 10.3 | 11.7 | 12.0 | 12.9 | 13.2 | 14.9 |
| 8H | 7.1 | 7.5 | 8.4 | 8.7 | 10.4 | 11.7 | 12.0 | 12.9 | 13.2 | 14.9 |
| 12H | 7.3 | 7.6 | 8.5 | 8.8 | 10.5 | 11.7 | 12.0 | 12.9 | 13.2 | 14.9 |
| 8H 4H | 6.7 | 7.0 | 7.9 | 8.2 | 10.0 | 11.4 | 11.7 | 12.6 | 12.9 | 14.6 |
| 6H | 7.2 | 7.5 | 8.5 | 8.7 | 10.5 | 11.5 | 11.8 | 12.8 | 13.0 | 14.7 |
| 8H | 7.5 | 7.7 | 8.7 | 8.9 | 10.7 | 11.6 | 11.8 | 12.8 | 13.0 | 14.8 |
| 12H | 7.7 | 7.9 | 9.0 | 9.2 | 10.9 | 11.6 | 11.8 | 12.9 | 13.1 | 14.8 |
| 12H 4H | 6.7 | 6.9 | 7.9 | 8.2 | 9.9 | 11.3 | 11.6 | 12.5 | 12.8 | 14.5 |
| 6H | 7.2 | 7.5 | 8.5 | 8.7 | 10.5 | 11.4 | 11.7 | 12.7 | 12.9 | 14.7 |
| 8H | 7.6 | 7.8 | 8.8 | 9.0 | 10.8 | 11.5 | 11.7 | 12.8 | 13.0 | 14.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.8 / - 0.8 | | | | | + 0.8 / - 1.1 | | | | |
| 1.5H | + 1.0 / - 0.7 | | | | | + 1.4 / - 2.4 | | | | |
| 2.0H | + 0.5 / - 0.5 | | | | | + 3.1 / - 3.2 | | | | |

CIE Pub.117, 21924 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.7$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

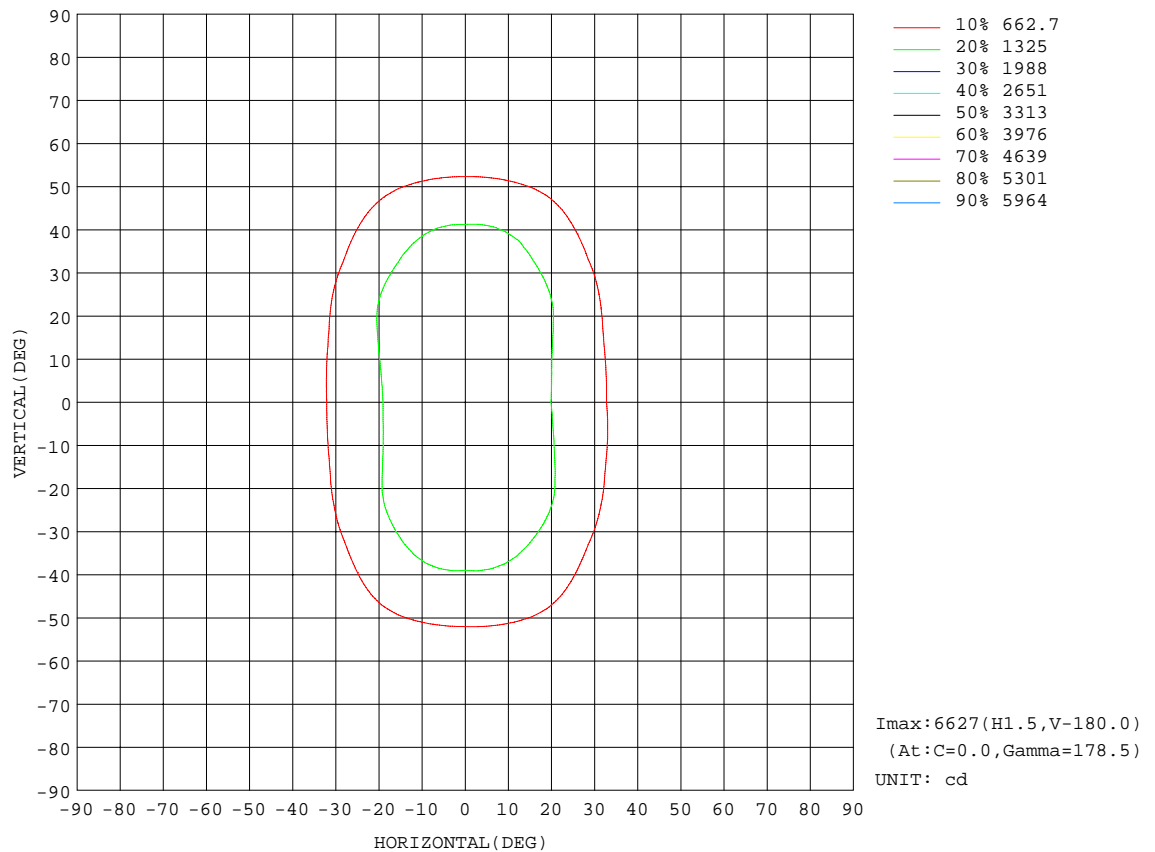
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 35 | 25 | 19 | 31 | 23 | 18 | 25 | 18 | 15 | 6 |
| 0.80 | 44 | 33 | 26 | 39 | 30 | 24 | 30 | 24 | 19 | 7 |
| 1.00 | 51 | 40 | 33 | 45 | 36 | 30 | 34 | 28 | 24 | 8 |
| 1.25 | 58 | 47 | 40 | 51 | 42 | 36 | 39 | 32 | 28 | 9 |
| 1.50 | 63 | 53 | 45 | 56 | 47 | 40 | 42 | 36 | 31 | 10 |
| 2.00 | 70 | 61 | 53 | 62 | 54 | 48 | 46 | 41 | 37 | 10 |
| 2.50 | 75 | 66 | 59 | 66 | 58 | 53 | 49 | 44 | 40 | 11 |
| 3.00 | 78 | 71 | 64 | 69 | 62 | 57 | 51 | 46 | 43 | 11 |
| 4.00 | 83 | 76 | 71 | 72 | 67 | 63 | 53 | 50 | 47 | 11 |
| 5.00 | 86 | 80 | 75 | 75 | 70 | 66 | 55 | 52 | 49 | 12 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

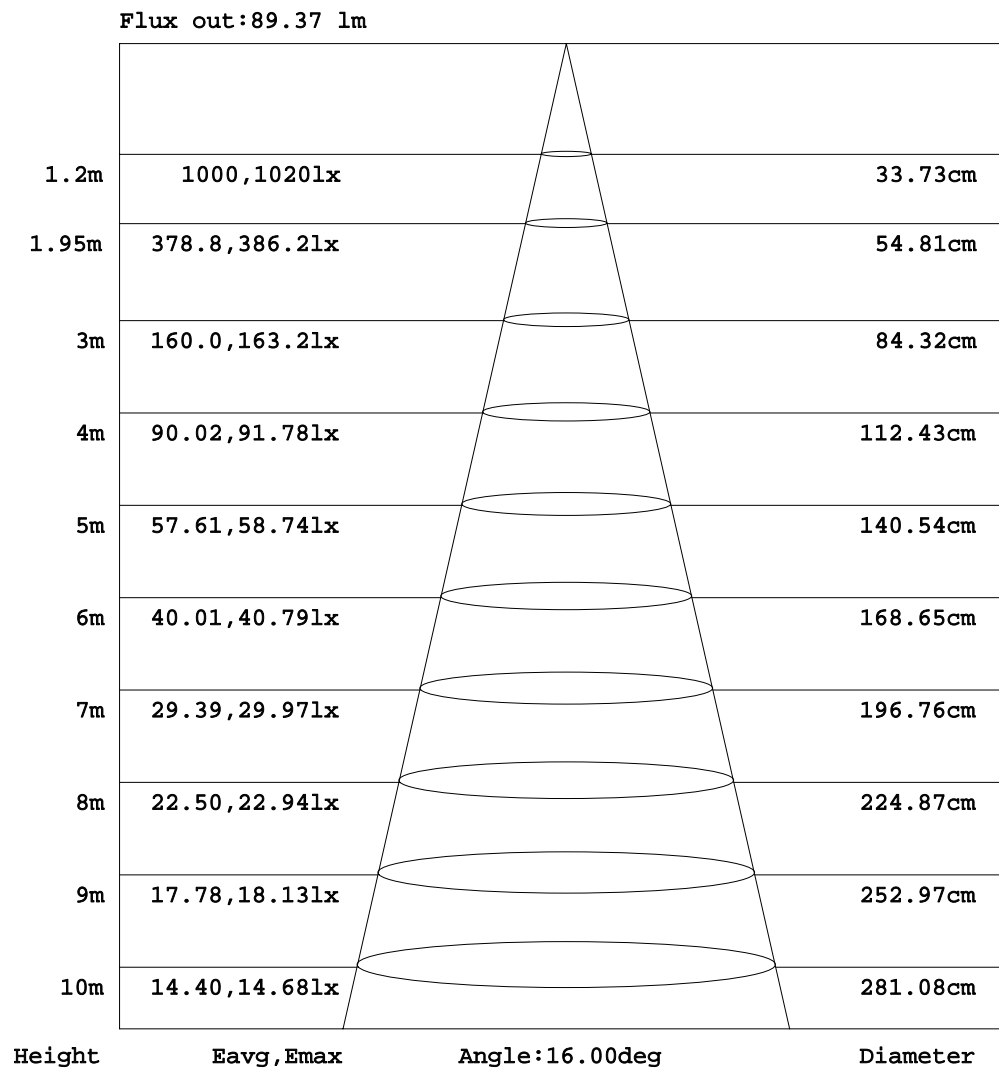


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

AAI Figure

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |



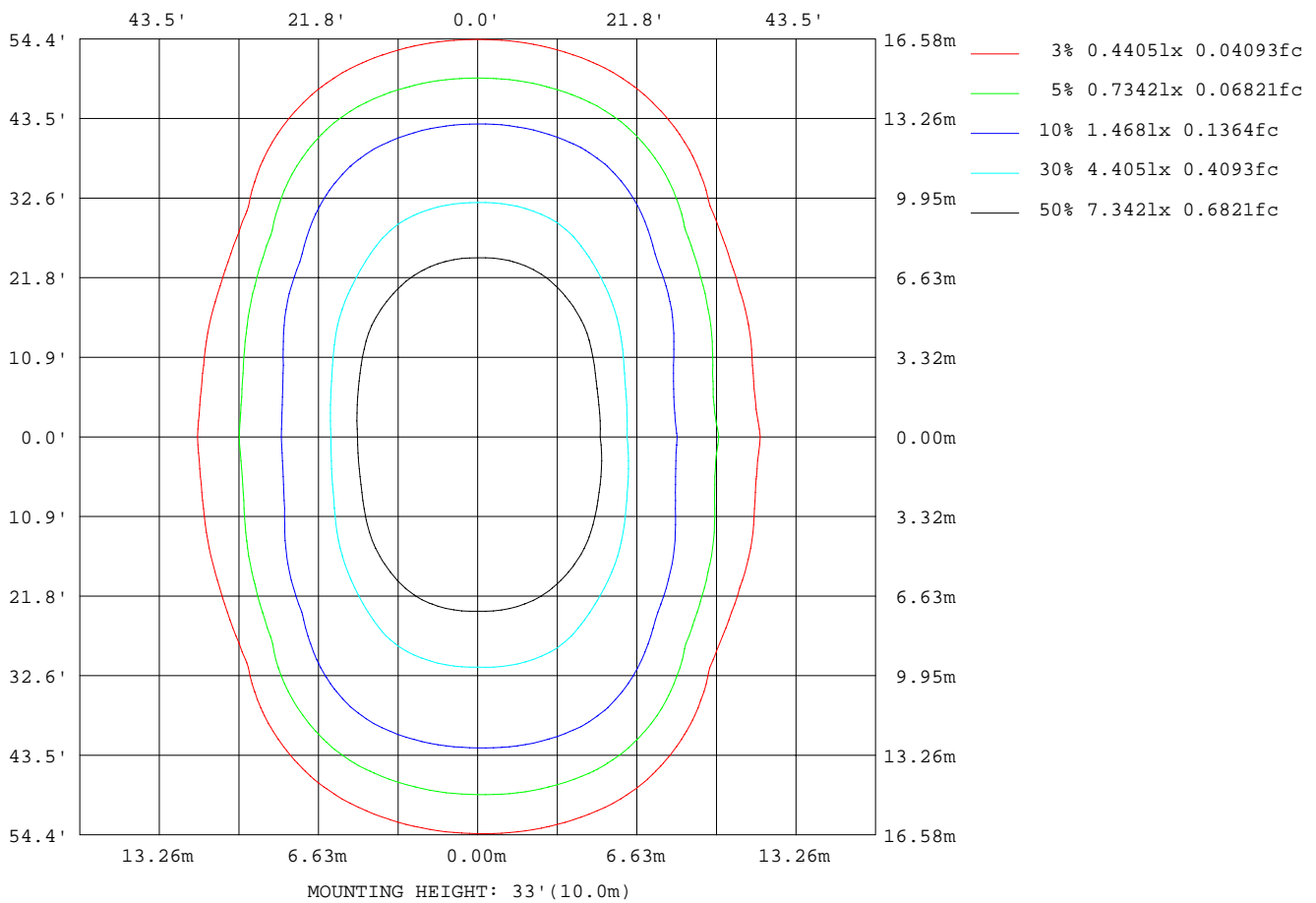
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity:65.0%
 Test Distance:11.700m [K=0.8547]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LED Avg.L Report

| | | |
|--|-------------------|------------------|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

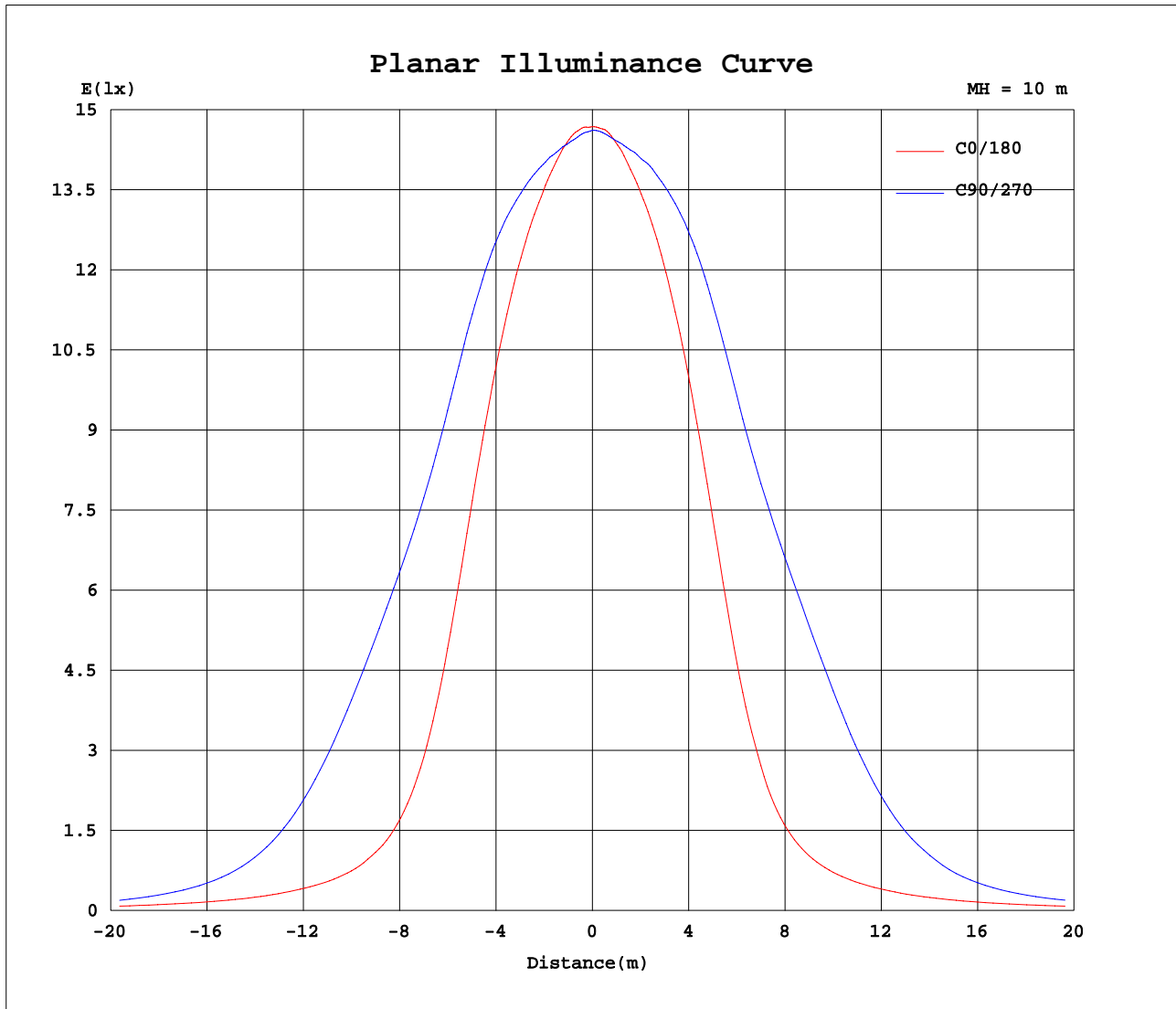
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 2018 |
| L_0~180(75)av | 2052 |
| L_0~180(85)av | 2303 |
| L_90~270(65)av | 4282 |
| L_90~270(75)av | 3173 |
| L_90~270(85)av | 2741 |
| L_45(65)av | 2463 |
| L_45(75)av | 2301 |
| L_45(85)av | 2448 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity: 65.0%
Test Distance: 11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | Shielding Angle: | | | | |

Table--1

UNIT: cd

| C(DEC) γ (DEC) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1468 | 1468 | 1467 | 1467 | 1466 | 1465 | 1464 | 1464 | 1463 | 1463 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1461 |
| 5 | 1467 | 1465 | 1464 | 1464 | 1463 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1461 | 1460 | 1459 | 1458 | 1458 |
| 10 | 1442 | 1442 | 1443 | 1444 | 1446 | 1449 | 1452 | 1456 | 1460 | 1464 | 1467 | 1471 | 1474 | 1476 | 1478 | 1479 | 1479 | 1478 | 1477 |
| 15 | 1406 | 1407 | 1409 | 1412 | 1417 | 1424 | 1433 | 1443 | 1454 | 1464 | 1474 | 1483 | 1491 | 1498 | 1504 | 1509 | 1511 | 1513 | 1513 |
| 20 | 1322 | 1329 | 1337 | 1347 | 1359 | 1373 | 1390 | 1409 | 1428 | 1447 | 1467 | 1486 | 1504 | 1520 | 1533 | 1543 | 1550 | 1554 | 1555 |
| 25 | 1147 | 1167 | 1189 | 1213 | 1240 | 1271 | 1305 | 1340 | 1376 | 1411 | 1444 | 1475 | 1503 | 1528 | 1546 | 1557 | 1564 | 1567 | 1566 |
| 30 | 849 | 878 | 913 | 953 | 1000 | 1056 | 1121 | 1188 | 1255 | 1318 | 1370 | 1414 | 1453 | 1483 | 1503 | 1512 | 1514 | 1513 | 1508 |
| 35 | 523 | 540 | 570 | 611 | 664 | 736 | 825 | 920 | 1016 | 1108 | 1183 | 1250 | 1308 | 1355 | 1387 | 1403 | 1411 | 1411 | 1406 |
| 40 | 314 | 310 | 322 | 348 | 389 | 450 | 529 | 618 | 715 | 815 | 919 | 1020 | 1114 | 1197 | 1254 | 1285 | 1302 | 1307 | 1302 |
| 45 | 211 | 205 | 209 | 223 | 247 | 281 | 324 | 378 | 444 | 522 | 640 | 763 | 884 | 994 | 1068 | 1103 | 1121 | 1124 | 1116 |
| 50 | 159 | 157 | 159 | 166 | 178 | 191 | 206 | 230 | 264 | 311 | 404 | 505 | 606 | 700 | 762 | 792 | 806 | 809 | 802 |
| 55 | 125 | 124 | 126 | 129 | 135 | 139 | 144 | 153 | 168 | 191 | 244 | 301 | 360 | 414 | 452 | 471 | 482 | 485 | 481 |
| 60 | 101 | 101 | 102 | 103 | 106 | 108 | 111 | 116 | 123 | 135 | 160 | 187 | 215 | 241 | 260 | 271 | 278 | 281 | 281 |
| 65 | 82.6 | 82.5 | 82.9 | 83.9 | 85.5 | 87.0 | 88.8 | 91.5 | 95.6 | 101 | 113 | 126 | 139 | 151 | 160 | 167 | 171 | 173 | 174 |
| 70 | 66.3 | 66.4 | 66.9 | 67.6 | 68.5 | 69.6 | 70.8 | 72.5 | 74.8 | 77.9 | 83.6 | 89.8 | 96.1 | 102 | 107 | 111 | 114 | 115 | 116 |
| 75 | 51.6 | 51.5 | 51.6 | 51.9 | 52.4 | 53.0 | 53.8 | 54.8 | 56.2 | 58.0 | 61.1 | 64.4 | 67.7 | 71.0 | 73.7 | 75.8 | 77.4 | 78.4 | 78.8 |
| 80 | 36.0 | 36.0 | 36.1 | 36.3 | 36.6 | 36.9 | 37.3 | 37.8 | 38.5 | 39.5 | 41.2 | 43.1 | 45.1 | 46.9 | 48.2 | 48.9 | 49.3 | 49.5 | 49.5 |
| 85 | 20.1 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.5 | 20.6 | 20.8 | 21.0 | 21.6 | 22.2 | 22.8 | 23.4 | 23.5 | 23.4 | 23.1 | 22.8 | 22.5 |
| 90 | 3.70 | 3.86 | 3.99 | 4.08 | 4.13 | 4.13 | 4.07 | 4.00 | 3.93 | 3.86 | 3.86 | 3.87 | 3.89 | 3.91 | 3.92 | 3.91 | 3.91 | 3.90 | 3.88 |
| 95 | 166 | 192 | 219 | 248 | 277 | 311 | 348 | 384 | 415 | 440 | 449 | 450 | 444 | 431 | 410 | 381 | 351 | 320 | 291 |
| 100 | 481 | 502 | 529 | 562 | 602 | 651 | 708 | 768 | 831 | 894 | 953 | 1010 | 1062 | 1111 | 1155 | 1195 | 1224 | 1242 | 1245 |
| 105 | 983 | 980 | 990 | 1012 | 1047 | 1100 | 1169 | 1245 | 1326 | 1407 | 1477 | 1543 | 1604 | 1660 | 1711 | 1757 | 1791 | 1813 | 1818 |
| 110 | 1585 | 1572 | 1571 | 1582 | 1606 | 1646 | 1701 | 1764 | 1834 | 1908 | 1983 | 2057 | 2129 | 2196 | 2256 | 2308 | 2347 | 2372 | 2379 |
| 115 | 2223 | 2213 | 2210 | 2215 | 2228 | 2249 | 2278 | 2314 | 2357 | 2406 | 2469 | 2535 | 2602 | 2667 | 2730 | 2788 | 2834 | 2866 | 2879 |
| 120 | 2834 | 2822 | 2817 | 2818 | 2827 | 2845 | 2871 | 2903 | 2938 | 2976 | 3011 | 3048 | 3085 | 3123 | 3167 | 3215 | 3257 | 3287 | 3302 |
| 125 | 3433 | 3422 | 3417 | 3418 | 3425 | 3440 | 3462 | 3488 | 3516 | 3545 | 3568 | 3591 | 3614 | 3636 | 3665 | 3697 | 3724 | 3742 | 3749 |
| 130 | 3999 | 3990 | 3985 | 3985 | 3989 | 3999 | 4016 | 4035 | 4057 | 4080 | 4103 | 4125 | 4147 | 4167 | 4189 | 4209 | 4225 | 4233 | 4233 |
| 135 | 4499 | 4486 | 4479 | 4477 | 4480 | 4490 | 4508 | 4528 | 4552 | 4577 | 4601 | 4625 | 4648 | 4668 | 4686 | 4701 | 4710 | 4714 | 4710 |
| 140 | 4935 | 4921 | 4913 | 4912 | 4916 | 4929 | 4951 | 4976 | 5003 | 5031 | 5054 | 5075 | 5095 | 5112 | 5127 | 5139 | 5146 | 5149 | 5145 |
| 145 | 5333 | 5318 | 5310 | 5309 | 5314 | 5329 | 5353 | 5381 | 5410 | 5438 | 5456 | 5472 | 5484 | 5495 | 5505 | 5514 | 5520 | 5522 | 5519 |
| 150 | 5694 | 5681 | 5674 | 5672 | 5675 | 5687 | 5706 | 5728 | 5751 | 5773 | 5786 | 5796 | 5805 | 5811 | 5817 | 5821 | 5824 | 5823 | 5820 |
| 155 | 6005 | 5994 | 5986 | 5983 | 5983 | 5989 | 6001 | 6015 | 6030 | 6044 | 6051 | 6058 | 6062 | 6066 | 6069 | 6071 | 6072 | 6071 | 6067 |
| 160 | 6256 | 6244 | 6234 | 6228 | 6225 | 6227 | 6234 | 6241 | 6250 | 6259 | 6262 | 6265 | 6267 | 6267 | 6269 | 6270 | 6270 | 6269 | 6267 |
| 165 | 6436 | 6424 | 6414 | 6406 | 6401 | 6400 | 6402 | 6406 | 6410 | 6414 | 6415 | 6416 | 6416 | 6415 | 6415 | 6416 | 6415 | 6414 | 6412 |
| 170 | 6553 | 6540 | 6529 | 6521 | 6515 | 6512 | 6512 | 6513 | 6515 | 6518 | 6518 | 6518 | 6517 | 6517 | 6516 | 6516 | 6516 | 6515 | 6514 |
| 175 | 6615 | 6602 | 6592 | 6583 | 6576 | 6573 | 6572 | 6572 | 6574 | 6575 | 6575 | 6574 | 6574 | 6573 | 6573 | 6573 | 6573 | 6573 | 6573 |
| 180 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | Shielding Angle: | | | | |

Table--2

UNIT: cd

| C(DEG) γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1461 | 1461 | 1461 | 1461 | 1461 | 1461 | 1461 | 1461 | 1462 | 1462 | 1463 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1468 | 1468 |
| 5 | 1457 | 1457 | 1457 | 1457 | 1457 | 1457 | 1457 | 1458 | 1458 | 1457 | 1456 | 1456 | 1456 | 1456 | 1457 | 1459 | 1460 | 1462 | 1462 |
| 10 | 1477 | 1476 | 1474 | 1472 | 1469 | 1465 | 1461 | 1457 | 1453 | 1448 | 1443 | 1439 | 1435 | 1433 | 1433 | 1433 | 1434 | 1436 | 1437 |
| 15 | 1512 | 1509 | 1504 | 1499 | 1491 | 1481 | 1471 | 1459 | 1448 | 1437 | 1426 | 1416 | 1407 | 1401 | 1397 | 1395 | 1395 | 1396 | 1398 |
| 20 | 1553 | 1548 | 1540 | 1530 | 1515 | 1497 | 1477 | 1456 | 1434 | 1411 | 1388 | 1367 | 1347 | 1331 | 1319 | 1310 | 1304 | 1303 | 1308 |
| 25 | 1566 | 1562 | 1554 | 1541 | 1520 | 1492 | 1459 | 1422 | 1382 | 1336 | 1290 | 1245 | 1204 | 1170 | 1144 | 1126 | 1116 | 1114 | 1126 |
| 30 | 1512 | 1512 | 1508 | 1496 | 1470 | 1430 | 1381 | 1325 | 1262 | 1187 | 1109 | 1034 | 963 | 905 | 861 | 829 | 810 | 804 | 820 |
| 35 | 1410 | 1409 | 1399 | 1379 | 1338 | 1278 | 1206 | 1125 | 1038 | 940 | 841 | 747 | 660 | 593 | 547 | 516 | 498 | 494 | 501 |
| 40 | 1306 | 1299 | 1280 | 1245 | 1181 | 1087 | 982 | 871 | 758 | 657 | 563 | 478 | 404 | 351 | 320 | 301 | 293 | 295 | 295 |
| 45 | 1118 | 1108 | 1084 | 1043 | 964 | 850 | 727 | 602 | 483 | 408 | 346 | 296 | 258 | 231 | 213 | 203 | 200 | 203 | 201 |
| 50 | 802 | 793 | 772 | 738 | 673 | 580 | 480 | 382 | 292 | 247 | 215 | 193 | 180 | 170 | 161 | 156 | 154 | 155 | 154 |
| 55 | 478 | 468 | 452 | 429 | 391 | 339 | 285 | 232 | 185 | 163 | 148 | 139 | 134 | 130 | 126 | 123 | 122 | 122 | 122 |
| 60 | 278 | 272 | 263 | 250 | 231 | 206 | 180 | 154 | 131 | 120 | 113 | 108 | 105 | 103 | 101 | 99.4 | 98.9 | 99.1 | 98.8 |
| 65 | 172 | 169 | 164 | 158 | 148 | 136 | 123 | 110 | 98.9 | 93.1 | 88.9 | 86.2 | 84.5 | 83.1 | 82.0 | 81.3 | 81.1 | 81.2 | 81.0 |
| 70 | 115 | 113 | 110 | 106 | 101 | 94.7 | 88.1 | 81.8 | 75.9 | 72.8 | 70.4 | 68.7 | 67.5 | 66.6 | 65.8 | 65.4 | 65.2 | 65.1 | 65.1 |
| 75 | 78.2 | 76.9 | 75.1 | 72.8 | 69.9 | 66.5 | 62.9 | 59.5 | 56.3 | 54.5 | 53.0 | 52.0 | 51.3 | 50.8 | 50.5 | 50.3 | 50.3 | 50.4 | 50.2 |
| 80 | 49.3 | 49.0 | 48.4 | 47.5 | 46.0 | 44.0 | 41.9 | 39.9 | 38.0 | 37.0 | 36.2 | 35.6 | 35.2 | 35.0 | 34.8 | 34.7 | 34.7 | 34.7 | 34.6 |
| 85 | 22.6 | 22.7 | 22.8 | 22.8 | 22.5 | 21.9 | 21.2 | 20.5 | 19.8 | 19.5 | 19.3 | 19.1 | 19.0 | 18.9 | 18.7 | 18.6 | 18.5 | 18.5 | 18.4 |
| 90 | 3.89 | 3.90 | 3.88 | 3.85 | 3.76 | 3.61 | 3.45 | 3.29 | 3.14 | 3.07 | 3.01 | 2.97 | 2.92 | 2.82 | 2.68 | 2.55 | 2.43 | 2.34 | 2.34 |
| 95 | 276 | 265 | 257 | 251 | 248 | 245 | 243 | 239 | 234 | 220 | 203 | 184 | 165 | 143 | 121 | 101 | 85.7 | 76.1 | 84.9 |
| 100 | 1214 | 1170 | 1115 | 1053 | 989 | 926 | 861 | 795 | 729 | 664 | 602 | 541 | 485 | 429 | 375 | 331 | 298 | 279 | 295 |
| 105 | 1786 | 1739 | 1679 | 1610 | 1539 | 1468 | 1393 | 1315 | 1234 | 1143 | 1053 | 966 | 885 | 817 | 763 | 721 | 693 | 680 | 691 |
| 110 | 2349 | 2302 | 2241 | 2168 | 2090 | 2008 | 1921 | 1831 | 1739 | 1643 | 1549 | 1461 | 1382 | 1321 | 1280 | 1251 | 1235 | 1230 | 1235 |
| 115 | 2848 | 2798 | 2733 | 2656 | 2573 | 2485 | 2395 | 2305 | 2218 | 2141 | 2070 | 2007 | 1953 | 1911 | 1881 | 1861 | 1849 | 1846 | 1850 |
| 120 | 3269 | 3220 | 3158 | 3089 | 3020 | 2954 | 2888 | 2823 | 2759 | 2700 | 2644 | 2594 | 2551 | 2519 | 2499 | 2486 | 2480 | 2480 | 2483 |
| 125 | 3720 | 3680 | 3631 | 3576 | 3524 | 3476 | 3428 | 3380 | 3333 | 3282 | 3234 | 3189 | 3150 | 3122 | 3104 | 3093 | 3088 | 3088 | 3090 |
| 130 | 4208 | 4174 | 4134 | 4090 | 4046 | 4005 | 3964 | 3923 | 3882 | 3840 | 3800 | 3762 | 3730 | 3706 | 3691 | 3681 | 3676 | 3676 | 3678 |
| 135 | 4690 | 4663 | 4631 | 4594 | 4555 | 4515 | 4474 | 4432 | 4392 | 4352 | 4316 | 4283 | 4254 | 4235 | 4225 | 4220 | 4219 | 4222 | 4223 |
| 140 | 5128 | 5105 | 5077 | 5045 | 5011 | 4974 | 4936 | 4898 | 4859 | 4820 | 4783 | 4750 | 4721 | 4702 | 4694 | 4690 | 4691 | 4694 | 4694 |
| 145 | 5505 | 5486 | 5462 | 5435 | 5407 | 5377 | 5345 | 5313 | 5279 | 5241 | 5204 | 5169 | 5139 | 5120 | 5111 | 5107 | 5107 | 5110 | 5109 |
| 150 | 5809 | 5796 | 5779 | 5760 | 5740 | 5719 | 5696 | 5672 | 5645 | 5610 | 5575 | 5542 | 5513 | 5494 | 5486 | 5483 | 5483 | 5486 | 5484 |
| 155 | 6060 | 6050 | 6038 | 6025 | 6009 | 5993 | 5976 | 5957 | 5937 | 5912 | 5887 | 5863 | 5842 | 5828 | 5821 | 5817 | 5815 | 5815 | 5812 |
| 160 | 6261 | 6253 | 6244 | 6235 | 6225 | 6216 | 6205 | 6194 | 6182 | 6167 | 6150 | 6135 | 6121 | 6112 | 6107 | 6105 | 6103 | 6102 | 6098 |
| 165 | 6408 | 6404 | 6398 | 6392 | 6387 | 6382 | 6377 | 6371 | 6365 | 6357 | 6348 | 6341 | 6334 | 6330 | 6330 | 6330 | 6330 | 6330 | 6324 |
| 170 | 6512 | 6509 | 6506 | 6504 | 6501 | 6500 | 6498 | 6497 | 6495 | 6492 | 6488 | 6486 | 6483 | 6484 | 6486 | 6488 | 6490 | 6490 | 6484 |
| 175 | 6572 | 6571 | 6570 | 6570 | 6570 | 6571 | 6572 | 6573 | 6574 | 6574 | 6573 | 6573 | 6574 | 6576 | 6579 | 6582 | 6585 | 6585 | 6578 |
| 180 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | Shielding Angle: | | | | |

Table--3

UNIT: cd

| C(DEG) γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1468 | 1467 | 1466 | 1465 | 1464 | 1464 | 1463 | 1463 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1462 | 1461 | 1461 | 1461 |
| 5 | 1463 | 1463 | 1463 | 1463 | 1464 | 1464 | 1464 | 1465 | 1465 | 1465 | 1465 | 1465 | 1465 | 1464 | 1463 | 1462 | 1462 | 1462 | 1462 |
| 10 | 1438 | 1440 | 1442 | 1446 | 1451 | 1457 | 1463 | 1468 | 1473 | 1478 | 1482 | 1486 | 1488 | 1488 | 1488 | 1488 | 1487 | 1486 | 1484 |
| 15 | 1401 | 1406 | 1412 | 1421 | 1431 | 1442 | 1454 | 1466 | 1479 | 1490 | 1501 | 1511 | 1518 | 1523 | 1526 | 1528 | 1528 | 1528 | 1526 |
| 20 | 1316 | 1328 | 1343 | 1361 | 1381 | 1404 | 1427 | 1450 | 1473 | 1496 | 1517 | 1535 | 1550 | 1561 | 1568 | 1573 | 1575 | 1574 | 1570 |
| 25 | 1145 | 1172 | 1204 | 1242 | 1283 | 1327 | 1371 | 1413 | 1451 | 1486 | 1517 | 1544 | 1565 | 1580 | 1589 | 1595 | 1596 | 1596 | 1592 |
| 30 | 849 | 889 | 940 | 1004 | 1079 | 1157 | 1235 | 1310 | 1369 | 1420 | 1464 | 1500 | 1525 | 1539 | 1547 | 1549 | 1547 | 1552 | 1551 |
| 35 | 522 | 558 | 608 | 682 | 777 | 881 | 987 | 1091 | 1175 | 1251 | 1317 | 1373 | 1413 | 1437 | 1451 | 1456 | 1455 | 1460 | 1458 |
| 40 | 305 | 326 | 360 | 417 | 496 | 587 | 686 | 791 | 904 | 1015 | 1120 | 1214 | 1281 | 1321 | 1346 | 1358 | 1359 | 1363 | 1355 |
| 45 | 205 | 216 | 235 | 265 | 306 | 359 | 425 | 504 | 625 | 753 | 879 | 996 | 1078 | 1124 | 1152 | 1164 | 1164 | 1168 | 1159 |
| 50 | 156 | 161 | 170 | 180 | 194 | 217 | 250 | 296 | 387 | 486 | 587 | 682 | 751 | 790 | 816 | 829 | 831 | 834 | 826 |
| 55 | 123 | 125 | 129 | 133 | 137 | 146 | 161 | 183 | 233 | 288 | 345 | 399 | 440 | 466 | 484 | 494 | 497 | 495 | 486 |
| 60 | 99.2 | 100 | 102 | 104 | 107 | 111 | 119 | 130 | 154 | 181 | 209 | 235 | 255 | 267 | 276 | 281 | 282 | 282 | 277 |
| 65 | 81.2 | 81.8 | 82.9 | 84.2 | 85.9 | 88.7 | 92.7 | 98.4 | 109 | 121 | 133 | 145 | 155 | 163 | 168 | 172 | 174 | 173 | 170 |
| 70 | 65.2 | 65.7 | 66.4 | 67.3 | 68.5 | 70.2 | 72.6 | 75.7 | 81.1 | 87.0 | 93.1 | 99.1 | 104 | 109 | 112 | 114 | 116 | 115 | 113 |
| 75 | 50.2 | 50.3 | 50.5 | 51.1 | 52.0 | 53.2 | 54.7 | 56.6 | 59.4 | 62.6 | 65.8 | 68.9 | 71.8 | 74.4 | 76.4 | 78.0 | 78.9 | 78.3 | 77.1 |
| 80 | 34.6 | 34.7 | 34.8 | 35.1 | 35.6 | 36.3 | 37.1 | 38.2 | 39.9 | 41.8 | 43.6 | 45.4 | 46.9 | 48.0 | 48.8 | 49.4 | 49.7 | 49.6 | 49.3 |
| 85 | 18.4 | 18.5 | 18.6 | 18.7 | 18.9 | 19.1 | 19.5 | 19.9 | 20.5 | 21.2 | 21.8 | 22.4 | 22.9 | 23.1 | 23.2 | 23.3 | 23.4 | 23.6 | 23.7 |
| 90 | 2.37 | 2.42 | 2.50 | 2.57 | 2.63 | 2.71 | 2.81 | 2.95 | 3.18 | 3.43 | 3.69 | 3.94 | 4.16 | 4.34 | 4.48 | 4.60 | 4.68 | 4.72 | 4.72 |
| 95 | 99.7 | 119 | 140 | 161 | 180 | 197 | 212 | 222 | 214 | 203 | 193 | 185 | 189 | 206 | 228 | 252 | 277 | 298 | 317 |
| 100 | 326 | 367 | 417 | 467 | 517 | 570 | 626 | 685 | 747 | 811 | 874 | 938 | 1003 | 1068 | 1126 | 1174 | 1209 | 1212 | 1200 |
| 105 | 716 | 754 | 803 | 862 | 930 | 1005 | 1084 | 1166 | 1245 | 1324 | 1402 | 1479 | 1557 | 1635 | 1704 | 1761 | 1802 | 1802 | 1786 |
| 110 | 1251 | 1277 | 1315 | 1364 | 1426 | 1495 | 1573 | 1655 | 1747 | 1840 | 1933 | 2024 | 2111 | 2191 | 2261 | 2316 | 2354 | 2355 | 2337 |
| 115 | 1861 | 1880 | 1906 | 1938 | 1975 | 2021 | 2075 | 2139 | 2227 | 2321 | 2418 | 2514 | 2603 | 2683 | 2752 | 2806 | 2843 | 2843 | 2826 |
| 120 | 2492 | 2505 | 2523 | 2543 | 2567 | 2597 | 2633 | 2678 | 2744 | 2816 | 2892 | 2969 | 3044 | 3115 | 3177 | 3230 | 3268 | 3273 | 3263 |
| 125 | 3096 | 3107 | 3122 | 3141 | 3164 | 3192 | 3225 | 3264 | 3314 | 3368 | 3424 | 3481 | 3538 | 3593 | 3642 | 3685 | 3719 | 3732 | 3736 |
| 130 | 3685 | 3694 | 3708 | 3723 | 3741 | 3763 | 3790 | 3822 | 3867 | 3916 | 3967 | 4018 | 4065 | 4106 | 4144 | 4176 | 4203 | 4223 | 4235 |
| 135 | 4227 | 4234 | 4243 | 4253 | 4266 | 4282 | 4304 | 4332 | 4379 | 4430 | 4483 | 4534 | 4577 | 4610 | 4638 | 4662 | 4682 | 4703 | 4719 |
| 140 | 4695 | 4700 | 4707 | 4716 | 4729 | 4747 | 4770 | 4799 | 4846 | 4897 | 4949 | 4999 | 5037 | 5063 | 5085 | 5102 | 5116 | 5136 | 5151 |
| 145 | 5110 | 5113 | 5120 | 5131 | 5146 | 5165 | 5189 | 5219 | 5263 | 5310 | 5357 | 5401 | 5434 | 5454 | 5470 | 5482 | 5492 | 5509 | 5524 |
| 150 | 5484 | 5486 | 5491 | 5502 | 5519 | 5540 | 5564 | 5591 | 5626 | 5663 | 5699 | 5733 | 5758 | 5776 | 5790 | 5801 | 5809 | 5821 | 5830 |
| 155 | 5810 | 5811 | 5814 | 5824 | 5839 | 5857 | 5878 | 5901 | 5927 | 5953 | 5978 | 6002 | 6020 | 6033 | 6043 | 6051 | 6059 | 6069 | 6077 |
| 160 | 6094 | 6091 | 6091 | 6096 | 6107 | 6119 | 6134 | 6150 | 6167 | 6185 | 6201 | 6217 | 6230 | 6240 | 6248 | 6255 | 6261 | 6268 | 6274 |
| 165 | 6318 | 6312 | 6308 | 6308 | 6313 | 6320 | 6329 | 6339 | 6349 | 6359 | 6370 | 6380 | 6388 | 6394 | 6399 | 6404 | 6408 | 6414 | 6419 |
| 170 | 6476 | 6468 | 6461 | 6458 | 6459 | 6462 | 6466 | 6472 | 6477 | 6483 | 6488 | 6494 | 6499 | 6502 | 6505 | 6508 | 6511 | 6515 | 6519 |
| 175 | 6569 | 6560 | 6552 | 6547 | 6547 | 6547 | 6549 | 6552 | 6554 | 6556 | 6559 | 6561 | 6563 | 6565 | 6567 | 6569 | 6570 | 6573 | 6576 |
| 180 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
Humidity:65.0%
Test Distance:11.700m [K=0.8547]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------------------|--|--|--|--|--|------------------|--|--|
| Test:U:229.60V I:0.6800A P:152.98W PF:0.9799 Freq:49.99Hz Lamp Flux:21923.6x1 lm | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | | Shielding Angle: | | |

Table--4

UNIT: cd

| C(°) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| γ (°) | 0 | 1461 | 1461 | 1461 | 1461 | 1461 | 1461 | 1462 | 1462 | 1463 | 1463 | 1464 | 1465 | 1465 | 1466 | 1467 | | | |
| 5 | 1462 | 1462 | 1463 | 1463 | 1463 | 1464 | 1464 | 1464 | 1464 | 1463 | 1464 | 1464 | 1464 | 1465 | 1466 | | | | |
| 10 | 1483 | 1481 | 1478 | 1475 | 1471 | 1467 | 1463 | 1458 | 1453 | 1448 | 1445 | 1442 | 1441 | 1440 | 1441 | | | | |
| 15 | 1522 | 1517 | 1509 | 1498 | 1487 | 1474 | 1462 | 1451 | 1440 | 1431 | 1422 | 1416 | 1411 | 1408 | 1406 | | | | |
| 20 | 1563 | 1553 | 1539 | 1522 | 1502 | 1481 | 1459 | 1436 | 1413 | 1391 | 1371 | 1354 | 1342 | 1333 | 1326 | | | | |
| 25 | 1584 | 1571 | 1550 | 1523 | 1491 | 1455 | 1417 | 1371 | 1326 | 1281 | 1240 | 1207 | 1183 | 1165 | 1153 | | | | |
| 30 | 1546 | 1533 | 1507 | 1470 | 1424 | 1371 | 1311 | 1235 | 1158 | 1081 | 1010 | 952 | 911 | 880 | 860 | | | | |
| 35 | 1447 | 1426 | 1387 | 1330 | 1263 | 1186 | 1101 | 999 | 896 | 796 | 703 | 631 | 582 | 547 | 528 | | | | |
| 40 | 1335 | 1298 | 1234 | 1142 | 1039 | 929 | 816 | 709 | 608 | 515 | 434 | 372 | 333 | 310 | 304 | | | | |
| 45 | 1134 | 1091 | 1011 | 897 | 772 | 646 | 525 | 444 | 375 | 319 | 275 | 241 | 217 | 204 | 202 | | | | |
| 50 | 804 | 769 | 701 | 606 | 504 | 402 | 309 | 261 | 226 | 202 | 187 | 174 | 162 | 156 | 155 | | | | |
| 55 | 468 | 443 | 404 | 351 | 295 | 241 | 192 | 169 | 153 | 143 | 138 | 133 | 128 | 125 | 124 | | | | |
| 60 | 269 | 257 | 238 | 212 | 185 | 159 | 135 | 123 | 115 | 110 | 107 | 105 | 102 | 101 | 100 | | | | |
| 65 | 165 | 159 | 149 | 137 | 124 | 112 | 101 | 95.2 | 91.0 | 88.2 | 86.4 | 84.8 | 83.4 | 82.5 | 82.3 | | | | |
| 70 | 110 | 106 | 101 | 95.4 | 89.1 | 83.0 | 77.5 | 74.4 | 72.1 | 70.4 | 69.2 | 68.2 | 67.2 | 66.6 | 66.3 | | | | |
| 75 | 75.3 | 73.0 | 70.2 | 67.1 | 63.8 | 60.7 | 57.8 | 56.1 | 54.7 | 53.6 | 52.9 | 52.3 | 51.8 | 51.5 | 51.4 | | | | |
| 80 | 48.7 | 47.8 | 46.4 | 44.7 | 42.9 | 41.0 | 39.4 | 38.4 | 37.6 | 37.1 | 36.7 | 36.3 | 36.1 | 35.9 | 35.9 | | | | |
| 85 | 23.8 | 23.8 | 23.5 | 23.0 | 22.4 | 21.8 | 21.2 | 21.0 | 20.9 | 20.8 | 20.7 | 20.6 | 20.5 | 20.3 | 20.2 | | | | |
| 90 | 4.69 | 4.63 | 4.53 | 4.39 | 4.25 | 4.13 | 4.04 | 4.14 | 4.26 | 4.39 | 4.49 | 4.49 | 4.39 | 4.23 | 4.00 | | | | |
| 95 | 337 | 355 | 374 | 394 | 410 | 421 | 424 | 408 | 385 | 357 | 324 | 293 | 263 | 232 | 199 | | | | |
| 100 | 1176 | 1143 | 1102 | 1057 | 1007 | 953 | 897 | 843 | 789 | 736 | 684 | 637 | 594 | 553 | 516 | | | | |
| 105 | 1755 | 1712 | 1661 | 1603 | 1540 | 1474 | 1405 | 1338 | 1271 | 1208 | 1150 | 1100 | 1060 | 1027 | 1002 | | | | |
| 110 | 2304 | 2257 | 2198 | 2129 | 2055 | 1979 | 1905 | 1846 | 1791 | 1742 | 1699 | 1663 | 1634 | 1611 | 1595 | | | | |
| 115 | 2793 | 2748 | 2691 | 2624 | 2554 | 2485 | 2420 | 2381 | 2350 | 2324 | 2304 | 2284 | 2265 | 2248 | 2234 | | | | |
| 120 | 3241 | 3210 | 3169 | 3123 | 3074 | 3027 | 2982 | 2958 | 2939 | 2924 | 2911 | 2897 | 2881 | 2865 | 2850 | | | | |
| 125 | 3731 | 3717 | 3692 | 3658 | 3622 | 3585 | 3551 | 3537 | 3527 | 3519 | 3512 | 3502 | 3487 | 3470 | 3452 | | | | |
| 130 | 4241 | 4238 | 4221 | 4191 | 4156 | 4121 | 4089 | 4078 | 4072 | 4068 | 4065 | 4058 | 4046 | 4032 | 4017 | | | | |
| 135 | 4728 | 4731 | 4718 | 4691 | 4659 | 4626 | 4595 | 4581 | 4571 | 4563 | 4557 | 4548 | 4537 | 4525 | 4512 | | | | |
| 140 | 5162 | 5167 | 5158 | 5136 | 5109 | 5080 | 5052 | 5036 | 5022 | 5009 | 4998 | 4986 | 4973 | 4960 | 4948 | | | | |
| 145 | 5535 | 5542 | 5537 | 5521 | 5501 | 5479 | 5456 | 5440 | 5425 | 5410 | 5397 | 5383 | 5370 | 5357 | 5345 | | | | |
| 150 | 5837 | 5841 | 5839 | 5832 | 5821 | 5809 | 5796 | 5783 | 5770 | 5756 | 5744 | 5732 | 5721 | 5711 | 5702 | | | | |
| 155 | 6085 | 6090 | 6090 | 6087 | 6081 | 6074 | 6067 | 6060 | 6052 | 6045 | 6037 | 6030 | 6024 | 6017 | 6011 | | | | |
| 160 | 6279 | 6283 | 6285 | 6284 | 6283 | 6280 | 6277 | 6276 | 6274 | 6272 | 6270 | 6267 | 6265 | 6262 | 6259 | | | | |
| 165 | 6424 | 6428 | 6431 | 6432 | 6433 | 6433 | 6433 | 6434 | 6435 | 6436 | 6437 | 6438 | 6438 | 6437 | 6437 | | | | |
| 170 | 6522 | 6526 | 6528 | 6530 | 6532 | 6533 | 6535 | 6538 | 6541 | 6543 | 6546 | 6548 | 6550 | 6551 | 6552 | | | | |
| 175 | 6578 | 6581 | 6584 | 6586 | 6588 | 6591 | 6593 | 6596 | 6599 | 6601 | 6604 | 6607 | 6609 | 6611 | 6613 | | | | |
| 180 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | 6625 | | | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date: 2025-08-07

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.406.10
 Humidity: 65.0%
 Test Distance: 11.700m [K=0.8547]
 Remarks: