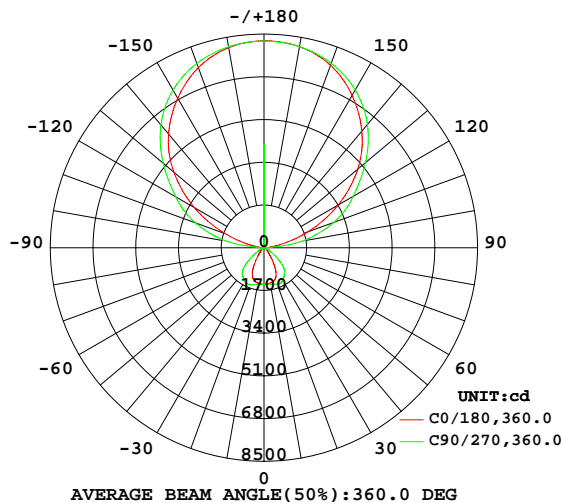


LUMINAIRE PHOTOMETRIC TEST REPORT

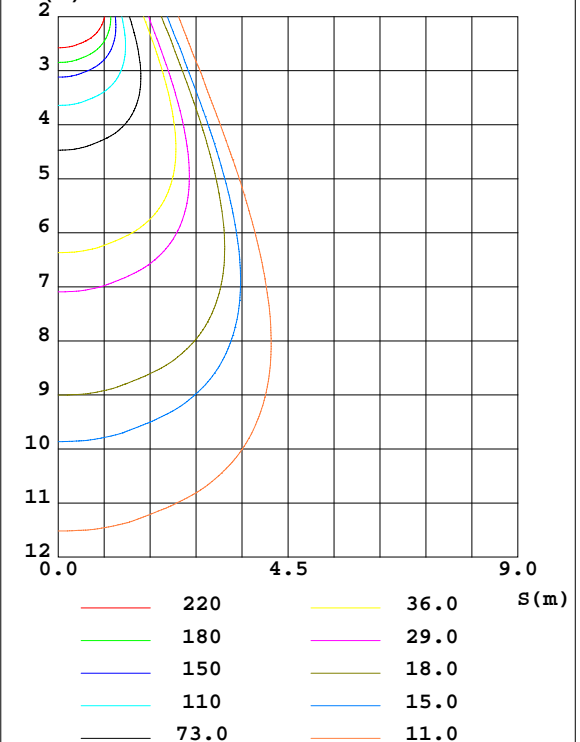
| | | |
|----------------------------------------------------------------------------------|-------------------|------------------|
| Test:U:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 138.04 lm/W | | | |
|------------------|---------|-----------------------------------|-----------|------------------------|----------|
| MODEL | | Imax(cd) | 8236 | 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) | 26593 | η UP,DN(C0-180) | 44.9,5.1 |
| NOMINAL FLUX(lm) | 26592.9 | CIE CLASS | SEMI-IND. | η UP,DN(C180-360) | 44.8,5.2 |
| LAMPS INSIDE | 1 | η up(%) | 89.7 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 230.0 | η down(%) | 10.3 | 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:

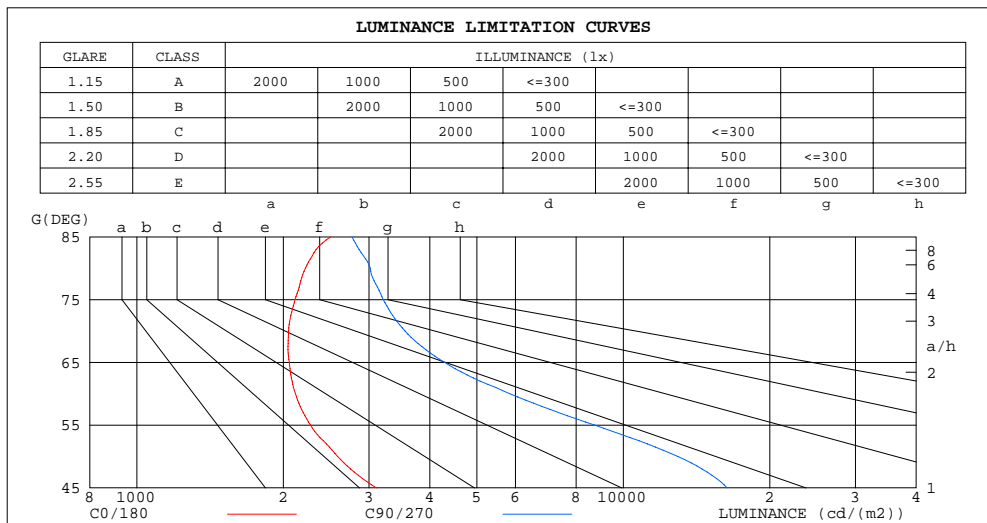
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | $\%lum, lamp$ |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|---------------|
| 10 | 1431 | 1455 | 1467 | 1443 | 1425 | 1457 | 1476 | 1454 | 0- 10 | 138.6 | 138.6 | 0.52,0.52 |
| 20 | 1317 | 1438 | 1545 | 1425 | 1294 | 1439 | 1565 | 1450 | 10- 20 | 410.5 | 549.1 | 2.06,2.06 |
| 30 | 848.9 | 1312 | 1498 | 1251 | 794.0 | 1299 | 1535 | 1304 | 20- 30 | 627.1 | 1176 | 4.42,4.42 |
| 40 | 314.3 | 815.4 | 1294 | 751.1 | 291.9 | 782.2 | 1350 | 814.0 | 30- 40 | 634.3 | 1811 | 6.81,6.81 |
| 50 | 159.6 | 311.8 | 798.2 | 289.1 | 154.2 | 292.5 | 825.6 | 308.7 | 40- 50 | 471.4 | 2282 | 8.58,8.58 |
| 60 | 101.7 | 135.5 | 280.2 | 131.6 | 98.81 | 129.5 | 281.7 | 135.4 | 50- 60 | 244.0 | 2526 | 9.5,9.5 |
| 70 | 67.32 | 78.86 | 116.8 | 76.87 | 65.08 | 75.95 | 116.1 | 78.10 | 60- 70 | 119.0 | 2645 | 9.95,9.95 |
| 80 | 37.01 | 40.40 | 50.30 | 38.68 | 34.60 | 38.24 | 49.80 | 39.80 | 70- 80 | 65.87 | 2711 | 10.2,10.2 |
| 90 | 4.536 | 4.622 | 4.562 | 3.625 | 2.148 | 2.835 | 4.725 | 4.167 | 80- 90 | 23.83 | 2735 | 10.3,10.3 |
| 100 | 522.6 | 1044 | 1540 | 968.0 | 403.3 | 914.6 | 1496 | 1052 | 90-100 | 426.8 | 3161 | 11.9,11.9 |
| 110 | 1853 | 2305 | 2950 | 2229 | 1641 | 2119 | 2905 | 2298 | 100-110 | 1710 | 4872 | 18.3,18.3 |
| 120 | 3410 | 3632 | 4099 | 3510 | 3201 | 3406 | 4052 | 3625 | 110-120 | 2913 | 7784 | 29.3,29.3 |
| 130 | 4870 | 5021 | 5271 | 4903 | 4678 | 4832 | 5234 | 5014 | 120-130 | 3845 | 11630 | 43.7,43.7 |
| 140 | 6056 | 6206 | 6403 | 6101 | 5908 | 6048 | 6381 | 6225 | 130-140 | 4323 | 15953 | 60,60 |
| 150 | 7009 | 7158 | 7256 | 7065 | 6869 | 7028 | 7243 | 7169 | 140-150 | 4171 | 20124 | 75.7,75.7 |
| 160 | 7732 | 7789 | 7815 | 7730 | 7631 | 7713 | 7809 | 7790 | 150-160 | 3439 | 23563 | 88.6,88.6 |
| 170 | 8127 | 8131 | 8125 | 8104 | 8088 | 8099 | 8122 | 8130 | 160-170 | 2250 | 25813 | 97.1,97.1 |
| 180 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 170-180 | 780.1 | 26593 | 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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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 | 2501 | 2769 |
| 80 | 2220 | 3018 |
| 75 | 2114 | 3210 |
| 70 | 2050 | 3558 |
| 65 | 2057 | 4289 |
| 60 | 2118 | 5838 |
| 55 | 2275 | 8723 |
| 50 | 2586 | 12935 |
| 45 | 3108 | 16349 |

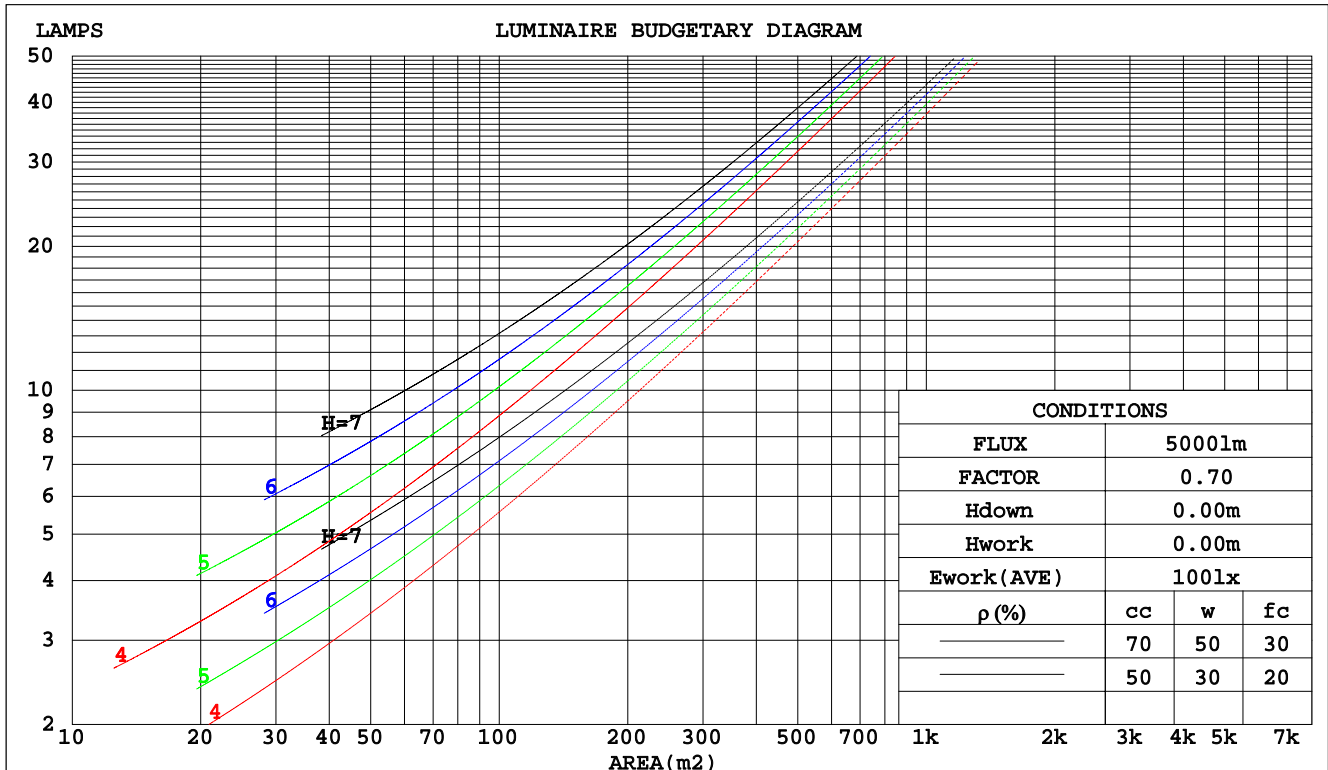
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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 | .85 | .85 | .85 | .61 | .61 | .61 | .40 | .40 | .40 | .20 | .20 | .20 | .10 |
| 1.0 | .85 | .82 | .78 | .74 | .71 | .69 | .54 | .52 | .50 | .35 | .34 | .33 | .18 | .17 | .17 | .09 |
| 2.0 | .75 | .69 | .64 | .65 | .61 | .57 | .47 | .45 | .42 | .31 | .29 | .28 | .16 | .15 | .15 | .08 |
| 3.0 | .66 | .59 | .54 | .57 | .52 | .48 | .42 | .38 | .36 | .28 | .26 | .24 | .14 | .13 | .13 | .07 |
| 4.0 | .58 | .51 | .45 | .51 | .45 | .40 | .37 | .33 | .30 | .25 | .22 | .21 | .13 | .12 | .11 | .06 |
| 5.0 | .52 | .44 | .39 | .45 | .39 | .34 | .33 | .29 | .26 | .22 | .20 | .18 | .12 | .11 | .10 | .06 |
| 6.0 | .46 | .39 | .33 | .41 | .34 | .30 | .30 | .26 | .23 | .20 | .17 | .16 | .11 | .10 | .09 | .05 |
| 7.0 | .41 | .34 | .29 | .36 | .30 | .26 | .27 | .23 | .20 | .18 | .16 | .14 | .10 | .09 | .08 | .05 |
| 8.0 | .37 | .30 | .25 | .33 | .27 | .23 | .24 | .20 | .17 | .16 | .14 | .12 | .09 | .08 | .07 | .04 |
| 9.0 | .34 | .27 | .22 | .30 | .24 | .20 | .22 | .18 | .15 | .15 | .13 | .11 | .08 | .07 | .06 | .04 |
| 10.0 | .31 | .24 | .20 | .27 | .22 | .18 | .20 | .16 | .14 | .14 | .11 | .10 | .08 | .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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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 | .256 | .145 | .046 | .221 | .126 | .040 | .158 | .091 | .029 | .099 | .057 | .018 | .045 | .026 | .008 | |
| 2.0 | .236 | .129 | .040 | .205 | .113 | .035 | .146 | .081 | .025 | .093 | .052 | .016 | .043 | .024 | .008 | |
| 3.0 | .218 | .116 | .035 | .190 | .102 | .031 | .136 | .074 | .022 | .086 | .047 | .015 | .040 | .022 | .007 | |
| 4.0 | .202 | .105 | .031 | .176 | .092 | .027 | .127 | .067 | .020 | .081 | .043 | .013 | .038 | .021 | .006 | |
| 5.0 | .188 | .096 | .028 | .164 | .084 | .025 | .118 | .062 | .018 | .076 | .040 | .012 | .036 | .019 | .006 | |
| 6.0 | .176 | .088 | .025 | .153 | .077 | .022 | .111 | .057 | .017 | .071 | .037 | .011 | .034 | .018 | .005 | |
| 7.0 | .165 | .081 | .023 | .144 | .072 | .020 | .104 | .053 | .015 | .067 | .034 | .010 | .032 | .017 | .005 | |
| 8.0 | .154 | .075 | .021 | .135 | .066 | .019 | .098 | .049 | .014 | .063 | .032 | .009 | .030 | .016 | .005 | |
| 9.0 | .145 | .070 | .020 | .127 | .062 | .017 | .092 | .046 | .013 | .060 | .030 | .009 | .029 | .015 | .004 | |
| 10.0 | .137 | .066 | .018 | .120 | .058 | .016 | .087 | .043 | .012 | .056 | .028 | .008 | .027 | .014 | .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 | .874 | .874 | .874 | .747 | .747 | .747 | .510 | .510 | .510 | .293 | .293 | .293 | .094 | .094 | .094 | |
| 1.0 | .866 | .846 | .828 | .741 | .726 | .713 | .507 | .499 | .493 | .292 | .289 | .287 | .093 | .093 | .093 | |
| 2.0 | .859 | .826 | .799 | .735 | .711 | .690 | .504 | .492 | .482 | .291 | .286 | .282 | .093 | .093 | .092 | |
| 3.0 | .852 | .811 | .779 | .730 | .700 | .676 | .501 | .486 | .474 | .290 | .284 | .279 | .093 | .092 | .091 | |
| 4.0 | .846 | .801 | .766 | .726 | .692 | .665 | .499 | .482 | .469 | .289 | .282 | .277 | .093 | .092 | .091 | |
| 5.0 | .840 | .792 | .757 | .722 | .685 | .658 | .497 | .479 | .465 | .288 | .281 | .276 | .093 | .092 | .091 | |
| 6.0 | .835 | .785 | .750 | .717 | .680 | .653 | .495 | .476 | .462 | .287 | .280 | .275 | .093 | .092 | .091 | |
| 7.0 | .829 | .780 | .745 | .713 | .676 | .649 | .493 | .474 | .460 | .286 | .279 | .274 | .093 | .091 | .091 | |
| 8.0 | .824 | .775 | .741 | .710 | .672 | .646 | .491 | .472 | .458 | .286 | .278 | .273 | .092 | .091 | .090 | |
| 9.0 | .820 | .771 | .738 | .706 | .669 | .644 | .489 | .470 | .457 | .285 | .278 | .273 | .092 | .091 | .090 | |
| 10.0 | .815 | .768 | .736 | .703 | .667 | .642 | .488 | .469 | .456 | .284 | .277 | .272 | .092 | .091 | .090 | |

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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 | 4.6 | 5.3 | 5.8 | 6.5 | 8.2 | 11.1 | 11.8 | 12.3 | 13.0 | 14.7 | |
| | 3H | 5.1 | 5.7 | 6.3 | 6.9 | 8.6 | 11.2 | 11.8 | 12.4 | 13.0 | |
| | 4H | 5.4 | 5.9 | 6.6 | 7.1 | 8.8 | 11.2 | 11.7 | 12.4 | 12.9 | |
| | 6H | 5.7 | 6.2 | 6.9 | 7.4 | 9.1 | 11.2 | 11.7 | 12.4 | 12.9 | |
| | 8H | 5.8 | 6.3 | 7.0 | 7.5 | 9.2 | 11.2 | 11.6 | 12.4 | 12.8 | |
| | 12H | 5.9 | 6.4 | 7.1 | 7.6 | 9.3 | 11.1 | 11.6 | 12.3 | 12.8 | |
| 4H | 2H | 4.9 | 5.5 | 6.2 | 6.7 | 8.4 | 10.7 | 11.2 | 11.9 | 12.4 | |
| | 3H | 5.5 | 6.0 | 6.8 | 7.2 | 8.9 | 10.8 | 11.2 | 12.0 | 12.5 | |
| | 4H | 5.9 | 6.3 | 7.2 | 7.5 | 9.3 | 10.9 | 11.3 | 12.1 | 12.5 | |
| | 6H | 6.3 | 6.7 | 7.6 | 7.9 | 9.7 | 11.0 | 11.3 | 12.2 | 12.5 | |
| | 8H | 6.5 | 6.8 | 7.8 | 8.1 | 9.8 | 11.0 | 11.3 | 12.2 | 12.5 | |
| | 12H | 6.7 | 7.0 | 7.9 | 8.2 | 10.0 | 11.0 | 11.3 | 12.2 | 12.5 | |
| 8H | 4H | 6.0 | 6.3 | 7.3 | 7.6 | 9.3 | 10.7 | 11.0 | 11.9 | 12.2 | |
| | 6H | 6.6 | 6.8 | 7.9 | 8.1 | 9.9 | 10.8 | 11.1 | 12.1 | 12.3 | |
| | 8H | 6.9 | 7.1 | 8.1 | 8.3 | 10.1 | 10.9 | 11.1 | 12.2 | 12.4 | |
| | 12H | 7.1 | 7.3 | 8.4 | 8.6 | 10.4 | 10.9 | 11.1 | 12.2 | 12.4 | |
| 12H | 4H | 6.0 | 6.3 | 7.3 | 7.5 | 9.3 | 10.6 | 10.8 | 11.8 | 12.1 | |
| | 6H | 6.6 | 6.8 | 7.9 | 8.1 | 9.9 | 10.7 | 11.0 | 12.0 | 12.2 | |
| | 8H | 6.9 | 7.1 | 8.2 | 8.4 | 10.2 | 10.8 | 11.0 | 12.1 | 12.3 | |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.8 / - 0.8 | | | | | + 0.8 / - 1.0 | | | | | |
| 1.5H | + 1.0 / - 0.7 | | | | | + 1.3 / - 2.4 | | | | | |
| 2.0H | + 0.5 / - 0.5 | | | | | + 3.1 / - 3.2 | | | | | |

CIE Pub.117, 26593 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 11.4$)

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

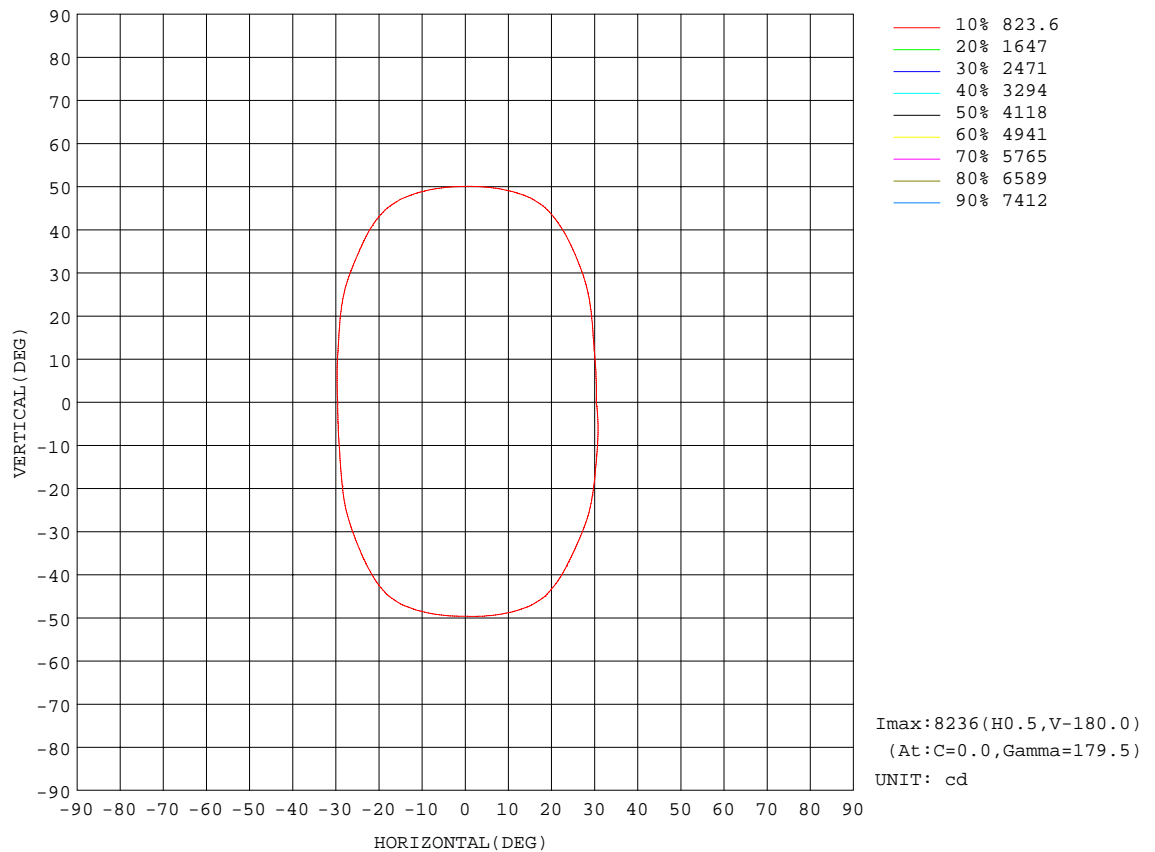
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 34 | 24 | 18 | 30 | 22 | 17 | 23 | 17 | 14 | 5 |
| 0.80 | 43 | 32 | 25 | 38 | 29 | 23 | 29 | 22 | 18 | 6 |
| 1.00 | 50 | 39 | 32 | 44 | 35 | 29 | 33 | 27 | 22 | 7 |
| 1.25 | 57 | 46 | 38 | 50 | 41 | 34 | 37 | 31 | 27 | 8 |
| 1.50 | 62 | 52 | 44 | 55 | 46 | 39 | 40 | 34 | 30 | 8 |
| 2.00 | 70 | 60 | 52 | 61 | 53 | 47 | 44 | 39 | 35 | 8 |
| 2.50 | 74 | 65 | 58 | 65 | 57 | 52 | 47 | 43 | 39 | 9 |
| 3.00 | 78 | 70 | 63 | 68 | 61 | 56 | 49 | 45 | 42 | 9 |
| 4.00 | 82 | 76 | 70 | 72 | 66 | 62 | 52 | 49 | 46 | 9 |
| 5.00 | 85 | 79 | 74 | 74 | 69 | 65 | 54 | 51 | 48 | 9 |
| 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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

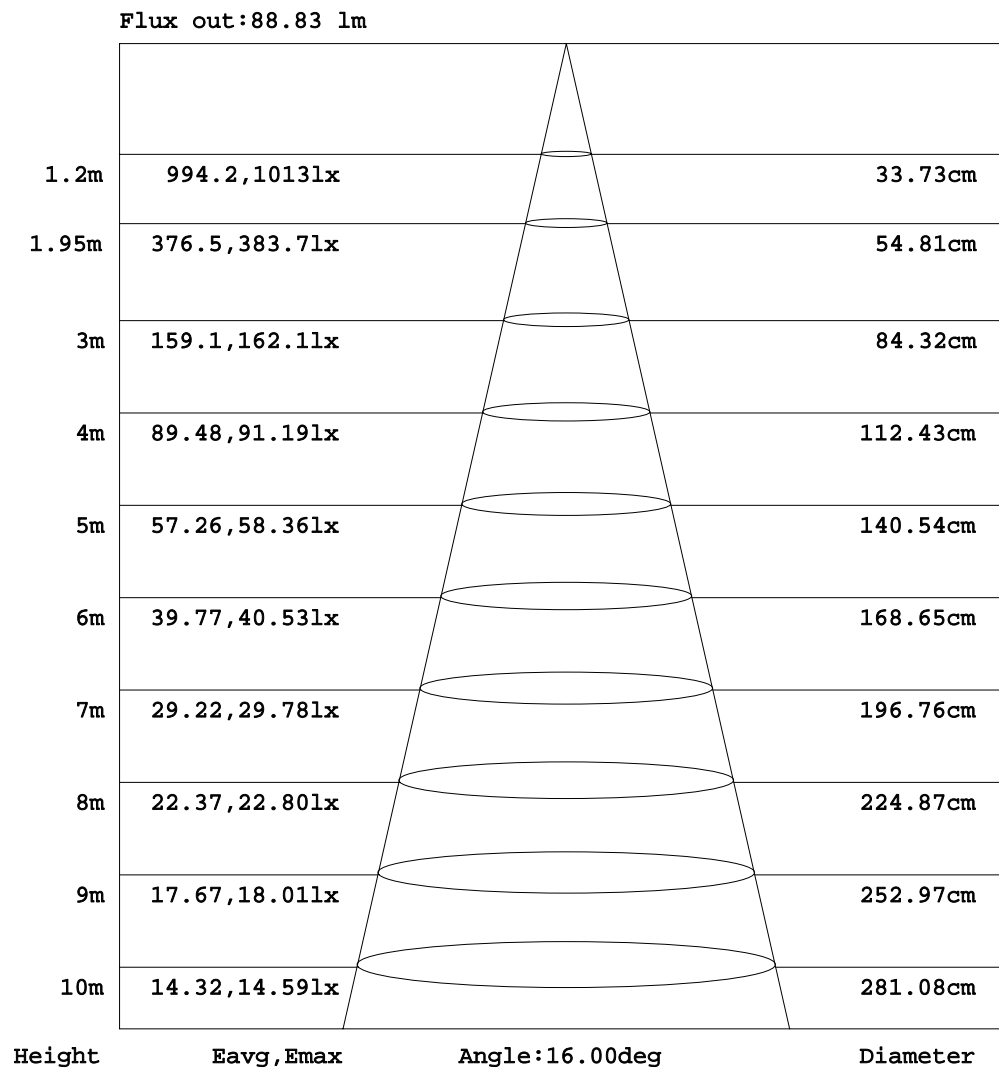


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2025-08-07

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |



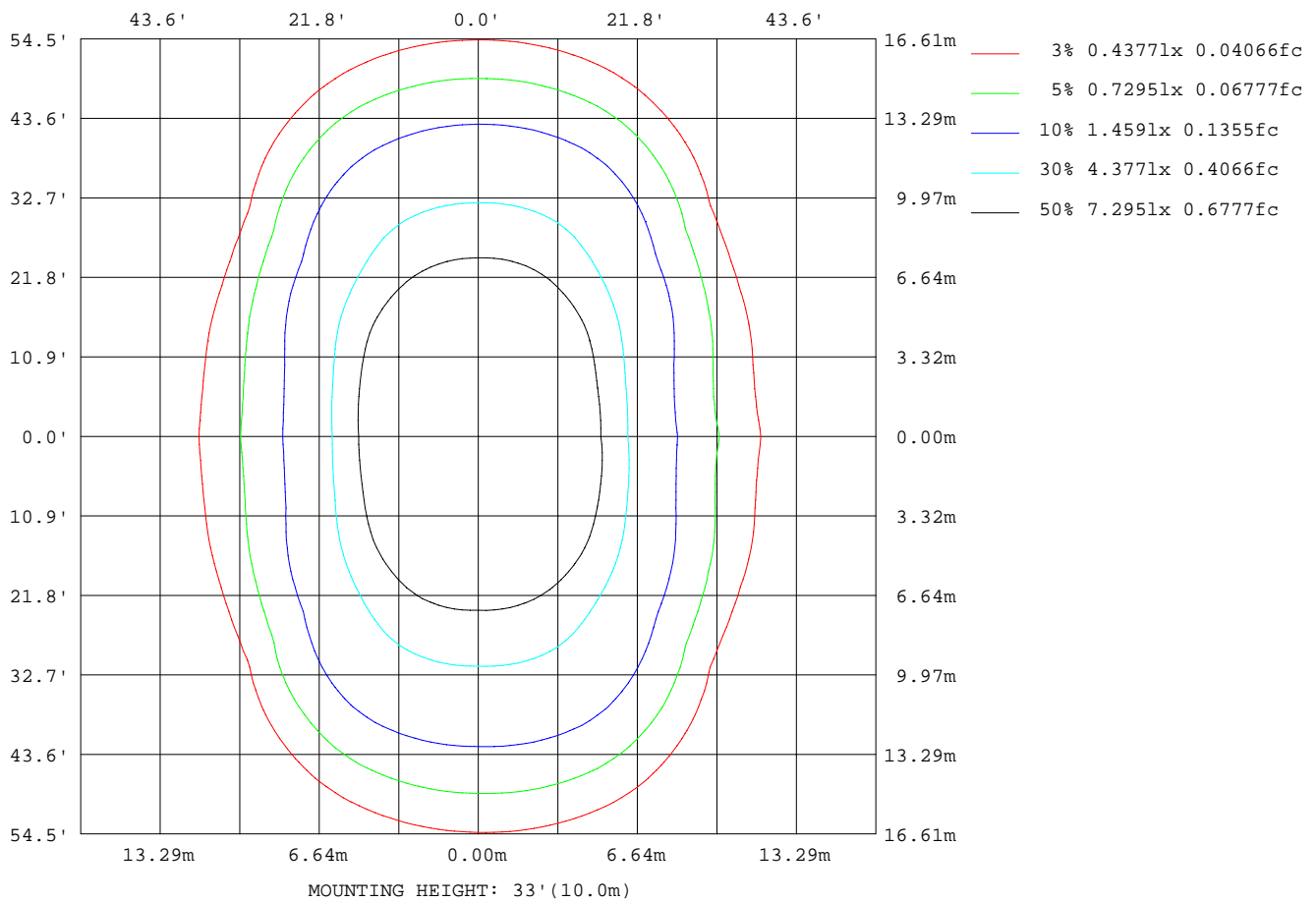
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1282*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.8*0.12 | Shielding Angle: |

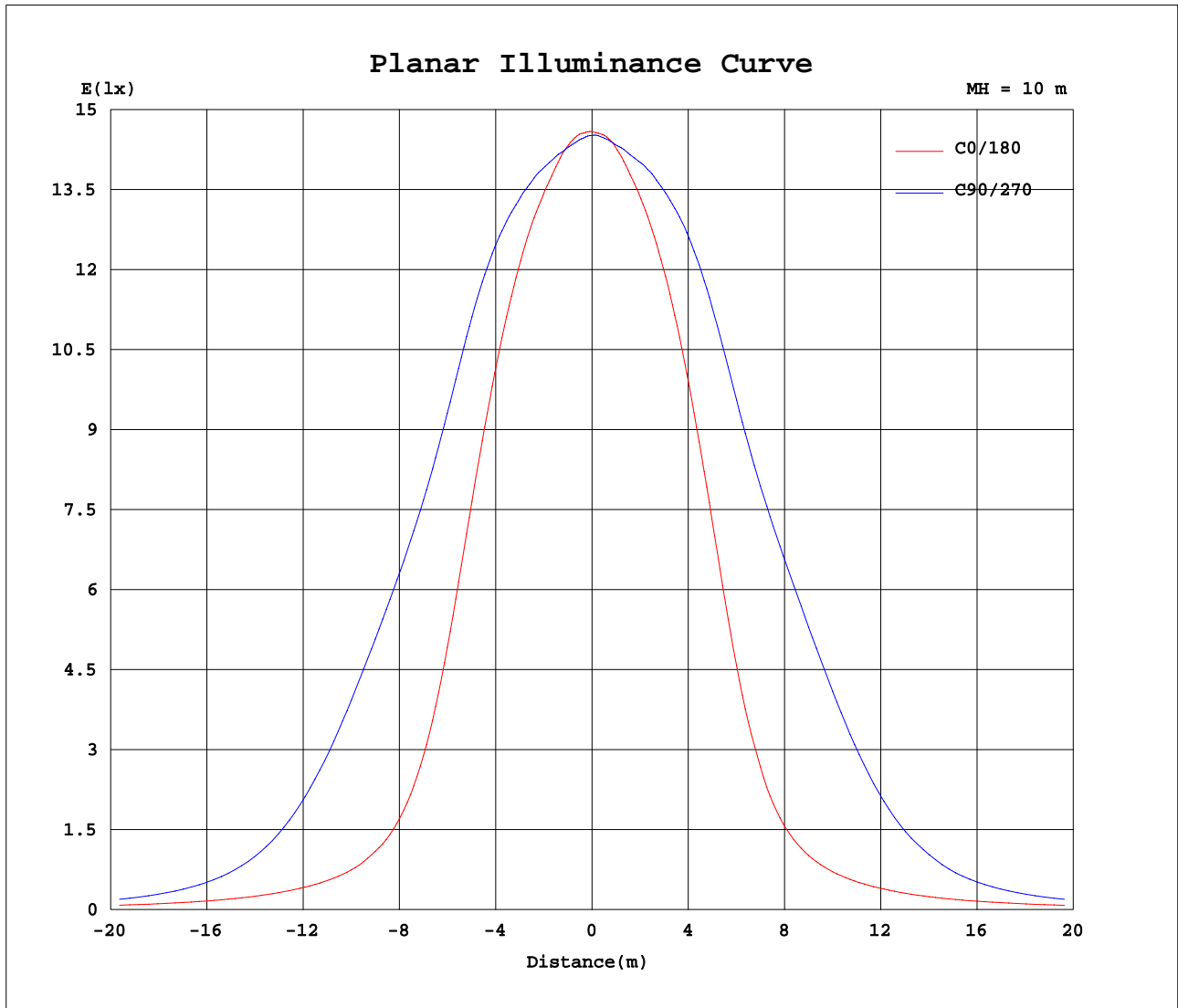
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 2027 |
| L_0~180(75)av | 2070 |
| L_0~180(85)av | 2342 |
| L_90~270(65)av | 4288 |
| L_90~270(75)av | 3197 |
| L_90~270(85)av | 2786 |
| L_45(65)av | 2476 |
| L_45(75)av | 2327 |
| L_45(85)av | 2497 |

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | | Shielding Angle: | | |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1459 | 1458 | 1458 | 1457 | 1457 | 1456 | 1456 | 1455 | 1455 | 1454 | 1454 | 1453 | 1453 | 1452 | 1452 | 1452 | 1451 | 1451 | 1451 |
| 5 | 1456 | 1456 | 1456 | 1456 | 1456 | 1455 | 1454 | 1454 | 1453 | 1452 | 1452 | 1452 | 1451 | 1451 | 1450 | 1450 | 1450 | 1449 | 1449 |
| 10 | 1431 | 1432 | 1434 | 1436 | 1438 | 1441 | 1444 | 1448 | 1451 | 1455 | 1458 | 1461 | 1464 | 1466 | 1467 | 1468 | 1468 | 1468 | 1467 |
| 15 | 1399 | 1400 | 1402 | 1406 | 1411 | 1418 | 1426 | 1435 | 1445 | 1455 | 1465 | 1474 | 1483 | 1490 | 1496 | 1500 | 1502 | 1503 | 1503 |
| 20 | 1317 | 1322 | 1330 | 1339 | 1350 | 1365 | 1381 | 1399 | 1418 | 1438 | 1457 | 1476 | 1494 | 1510 | 1523 | 1532 | 1539 | 1543 | 1545 |
| 25 | 1144 | 1164 | 1185 | 1209 | 1236 | 1266 | 1300 | 1334 | 1369 | 1404 | 1436 | 1467 | 1495 | 1519 | 1537 | 1549 | 1556 | 1560 | 1560 |
| 30 | 849 | 878 | 912 | 953 | 998 | 1054 | 1118 | 1184 | 1250 | 1312 | 1362 | 1406 | 1444 | 1474 | 1493 | 1502 | 1504 | 1503 | 1498 |
| 35 | 525 | 543 | 572 | 613 | 666 | 738 | 826 | 920 | 1015 | 1106 | 1179 | 1244 | 1300 | 1346 | 1377 | 1393 | 1401 | 1402 | 1397 |
| 40 | 314 | 311 | 323 | 349 | 390 | 451 | 530 | 620 | 716 | 815 | 918 | 1017 | 1109 | 1189 | 1246 | 1276 | 1293 | 1298 | 1294 |
| 45 | 211 | 205 | 209 | 223 | 248 | 282 | 325 | 380 | 446 | 524 | 641 | 763 | 882 | 991 | 1063 | 1098 | 1116 | 1118 | 1110 |
| 50 | 160 | 157 | 159 | 166 | 178 | 192 | 207 | 231 | 265 | 312 | 404 | 504 | 604 | 697 | 759 | 788 | 803 | 805 | 798 |
| 55 | 125 | 125 | 126 | 130 | 135 | 140 | 145 | 154 | 169 | 192 | 244 | 302 | 360 | 414 | 452 | 471 | 481 | 484 | 480 |
| 60 | 102 | 102 | 102 | 104 | 107 | 109 | 112 | 117 | 124 | 135 | 160 | 188 | 216 | 242 | 261 | 272 | 278 | 281 | 280 |
| 65 | 83.5 | 83.4 | 83.9 | 84.9 | 86.5 | 88.0 | 89.7 | 92.4 | 96.5 | 102 | 114 | 127 | 140 | 152 | 161 | 167 | 171 | 174 | 174 |
| 70 | 67.3 | 67.5 | 67.9 | 68.6 | 69.6 | 70.7 | 71.8 | 73.5 | 75.8 | 78.9 | 84.6 | 90.8 | 97.2 | 103 | 108 | 112 | 115 | 116 | 117 |
| 75 | 52.5 | 52.4 | 52.5 | 52.8 | 53.4 | 54.0 | 54.8 | 55.8 | 57.3 | 59.0 | 62.1 | 65.3 | 68.7 | 71.9 | 74.6 | 76.7 | 78.3 | 79.3 | 79.8 |
| 80 | 37.0 | 37.0 | 37.1 | 37.3 | 37.6 | 37.9 | 38.2 | 38.8 | 39.5 | 40.4 | 42.1 | 44.0 | 45.9 | 47.7 | 49.0 | 49.7 | 50.2 | 50.4 | 50.3 |
| 85 | 20.9 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.5 | 21.7 | 21.9 | 22.5 | 23.1 | 23.7 | 24.2 | 24.3 | 24.1 | 23.8 | 23.5 | 23.2 |
| 90 | 4.54 | 4.74 | 4.89 | 4.99 | 5.05 | 5.03 | 4.95 | 4.84 | 4.73 | 4.62 | 4.62 | 4.63 | 4.65 | 4.68 | 4.68 | 4.66 | 4.63 | 4.60 | 4.56 |
| 95 | 165 | 196 | 228 | 261 | 295 | 336 | 380 | 422 | 457 | 484 | 484 | 474 | 457 | 436 | 413 | 390 | 367 | 345 | 326 |
| 100 | 523 | 554 | 591 | 636 | 687 | 748 | 817 | 891 | 967 | 1044 | 1118 | 1190 | 1259 | 1323 | 1385 | 1444 | 1491 | 1524 | 1540 |
| 105 | 1118 | 1123 | 1142 | 1175 | 1223 | 1293 | 1381 | 1478 | 1579 | 1681 | 1770 | 1855 | 1934 | 2007 | 2078 | 2143 | 2196 | 2232 | 2250 |
| 110 | 1853 | 1845 | 1852 | 1873 | 1909 | 1964 | 2036 | 2119 | 2210 | 2305 | 2401 | 2496 | 2588 | 2676 | 2757 | 2831 | 2890 | 2931 | 2950 |
| 115 | 2632 | 2630 | 2636 | 2650 | 2673 | 2706 | 2747 | 2796 | 2854 | 2920 | 3004 | 3093 | 3184 | 3272 | 3358 | 3436 | 3500 | 3547 | 3571 |
| 120 | 3410 | 3404 | 3406 | 3416 | 3433 | 3460 | 3495 | 3536 | 3582 | 3632 | 3682 | 3733 | 3786 | 3840 | 3902 | 3969 | 4028 | 4073 | 4099 |
| 125 | 4153 | 4152 | 4156 | 4166 | 4182 | 4206 | 4237 | 4272 | 4309 | 4347 | 4381 | 4414 | 4447 | 4481 | 4523 | 4570 | 4612 | 4644 | 4661 |
| 130 | 4870 | 4872 | 4877 | 4887 | 4900 | 4918 | 4939 | 4964 | 4992 | 5021 | 5052 | 5084 | 5117 | 5148 | 5181 | 5215 | 5243 | 5262 | 5271 |
| 135 | 5505 | 5503 | 5505 | 5511 | 5522 | 5538 | 5560 | 5584 | 5612 | 5643 | 5678 | 5714 | 5749 | 5782 | 5810 | 5834 | 5851 | 5861 | 5863 |
| 140 | 6056 | 6054 | 6057 | 6065 | 6077 | 6095 | 6118 | 6145 | 6174 | 6206 | 6242 | 6278 | 6312 | 6344 | 6369 | 6387 | 6398 | 6404 | 6403 |
| 145 | 6556 | 6555 | 6559 | 6567 | 6580 | 6600 | 6626 | 6656 | 6687 | 6718 | 6748 | 6776 | 6802 | 6825 | 6844 | 6857 | 6866 | 6870 | 6868 |
| 150 | 7009 | 7009 | 7014 | 7022 | 7034 | 7053 | 7078 | 7104 | 7132 | 7158 | 7179 | 7199 | 7215 | 7230 | 7241 | 7250 | 7255 | 7257 | 7256 |
| 155 | 7407 | 7409 | 7413 | 7420 | 7429 | 7443 | 7460 | 7478 | 7496 | 7514 | 7526 | 7537 | 7547 | 7555 | 7562 | 7567 | 7571 | 7573 | 7572 |
| 160 | 7732 | 7733 | 7735 | 7738 | 7743 | 7750 | 7760 | 7770 | 7780 | 7789 | 7795 | 7801 | 7805 | 7808 | 7811 | 7814 | 7816 | 7816 | 7815 |
| 165 | 7971 | 7970 | 7971 | 7972 | 7973 | 7976 | 7980 | 7985 | 7989 | 7993 | 7995 | 7996 | 7997 | 7998 | 7999 | 8000 | 8000 | 8000 | 7999 |
| 170 | 8127 | 8126 | 8126 | 8125 | 8125 | 8126 | 8127 | 8129 | 8130 | 8131 | 8131 | 8130 | 8129 | 8128 | 8127 | 8127 | 8126 | 8126 | 8125 |
| 175 | 8212 | 8212 | 8212 | 8211 | 8211 | 8210 | 8210 | 8209 | 8208 | 8207 | 8206 | 8204 | 8203 | 8201 | 8201 | 8200 | 8200 | 8200 | 8199 |
| 180 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 |

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | Shielding Angle: | | | | |

Table--2

UNIT: cd

| C(DEC) γ (DEC) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1452 | 1452 | 1452 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1454 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1459 | 1459 |
| 5 | 1449 | 1450 | 1450 | 1450 | 1450 | 1450 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 |
| 10 | 1467 | 1466 | 1465 | 1463 | 1460 | 1457 | 1452 | 1448 | 1443 | 1439 | 1434 | 1430 | 1427 | 1425 | 1424 | 1424 | 1424 | 1425 | 1427 |
| 15 | 1503 | 1501 | 1497 | 1492 | 1485 | 1474 | 1463 | 1451 | 1438 | 1427 | 1417 | 1408 | 1399 | 1393 | 1389 | 1386 | 1385 | 1386 | 1388 |
| 20 | 1543 | 1539 | 1532 | 1522 | 1508 | 1490 | 1469 | 1448 | 1425 | 1403 | 1381 | 1360 | 1341 | 1324 | 1312 | 1302 | 1296 | 1294 | 1298 |
| 25 | 1560 | 1556 | 1548 | 1534 | 1513 | 1485 | 1451 | 1414 | 1374 | 1328 | 1282 | 1237 | 1196 | 1162 | 1136 | 1117 | 1106 | 1104 | 1116 |
| 30 | 1502 | 1503 | 1498 | 1485 | 1459 | 1418 | 1369 | 1313 | 1251 | 1176 | 1099 | 1024 | 954 | 896 | 853 | 820 | 800 | 794 | 810 |
| 35 | 1402 | 1400 | 1390 | 1370 | 1330 | 1269 | 1197 | 1117 | 1030 | 932 | 834 | 740 | 653 | 586 | 541 | 509 | 491 | 487 | 494 |
| 40 | 1297 | 1291 | 1272 | 1238 | 1173 | 1080 | 975 | 863 | 751 | 651 | 558 | 473 | 400 | 348 | 316 | 297 | 290 | 292 | 292 |
| 45 | 1111 | 1101 | 1077 | 1036 | 957 | 843 | 720 | 595 | 477 | 402 | 341 | 293 | 256 | 229 | 211 | 202 | 199 | 201 | 200 |
| 50 | 798 | 789 | 768 | 734 | 669 | 576 | 477 | 379 | 289 | 245 | 213 | 192 | 179 | 169 | 160 | 155 | 153 | 154 | 153 |
| 55 | 476 | 467 | 450 | 427 | 389 | 337 | 283 | 231 | 184 | 162 | 147 | 138 | 134 | 130 | 125 | 123 | 121 | 121 | 121 |
| 60 | 277 | 271 | 262 | 249 | 230 | 205 | 179 | 154 | 132 | 121 | 113 | 108 | 105 | 103 | 101 | 99.4 | 98.8 | 98.8 | 98.6 |
| 65 | 173 | 170 | 165 | 158 | 148 | 136 | 123 | 111 | 99.6 | 93.9 | 89.8 | 87.0 | 85.3 | 83.8 | 82.5 | 81.6 | 81.1 | 81.0 | 80.9 |
| 70 | 116 | 114 | 111 | 107 | 102 | 95.5 | 89.0 | 82.7 | 76.9 | 73.7 | 71.3 | 69.6 | 68.4 | 67.4 | 66.4 | 65.7 | 65.3 | 65.1 | 65.0 |
| 75 | 79.1 | 77.8 | 75.9 | 73.6 | 70.7 | 67.2 | 63.7 | 60.3 | 57.2 | 55.3 | 53.9 | 52.9 | 52.1 | 51.5 | 51.0 | 50.6 | 50.4 | 50.4 | 50.2 |
| 80 | 50.1 | 49.7 | 49.1 | 48.1 | 46.7 | 44.7 | 42.6 | 40.6 | 38.7 | 37.7 | 36.9 | 36.4 | 36.0 | 35.6 | 35.2 | 34.9 | 34.7 | 34.6 | 34.5 |
| 85 | 23.3 | 23.4 | 23.5 | 23.5 | 23.2 | 22.5 | 21.8 | 21.1 | 20.4 | 20.1 | 19.9 | 19.7 | 19.6 | 19.4 | 19.0 | 18.8 | 18.5 | 18.3 | 18.2 |
| 90 | 4.55 | 4.54 | 4.51 | 4.45 | 4.34 | 4.17 | 3.98 | 3.80 | 3.63 | 3.56 | 3.51 | 3.45 | 3.37 | 3.19 | 2.91 | 2.63 | 2.37 | 2.15 | 2.11 |
| 95 | 312 | 302 | 296 | 294 | 305 | 325 | 345 | 362 | 372 | 352 | 324 | 291 | 254 | 218 | 184 | 154 | 130 | 116 | 129 |
| 100 | 1513 | 1469 | 1411 | 1343 | 1272 | 1200 | 1124 | 1047 | 968 | 889 | 812 | 737 | 666 | 596 | 528 | 471 | 428 | 403 | 422 |
| 105 | 2221 | 2173 | 2110 | 2034 | 1956 | 1876 | 1791 | 1701 | 1606 | 1497 | 1387 | 1281 | 1183 | 1100 | 1037 | 988 | 955 | 940 | 949 |
| 110 | 2920 | 2868 | 2799 | 2715 | 2626 | 2534 | 2436 | 2334 | 2229 | 2117 | 2008 | 1906 | 1814 | 1744 | 1697 | 1665 | 1646 | 1641 | 1645 |
| 115 | 3540 | 3485 | 3413 | 3326 | 3231 | 3132 | 3030 | 2927 | 2828 | 2741 | 2661 | 2590 | 2528 | 2482 | 2450 | 2429 | 2417 | 2415 | 2420 |
| 120 | 4066 | 4014 | 3947 | 3869 | 3794 | 3722 | 3650 | 3579 | 3510 | 3443 | 3381 | 3325 | 3276 | 3241 | 3219 | 3206 | 3200 | 3201 | 3206 |
| 125 | 4634 | 4593 | 4540 | 4482 | 4426 | 4375 | 4325 | 4274 | 4223 | 4168 | 4115 | 4067 | 4023 | 3991 | 3971 | 3958 | 3951 | 3951 | 3955 |
| 130 | 5250 | 5219 | 5179 | 5133 | 5086 | 5041 | 4995 | 4949 | 4903 | 4858 | 4815 | 4775 | 4740 | 4714 | 4696 | 4684 | 4678 | 4678 | 4683 |
| 135 | 5848 | 5825 | 5795 | 5759 | 5718 | 5674 | 5628 | 5582 | 5536 | 5492 | 5451 | 5414 | 5383 | 5360 | 5347 | 5340 | 5338 | 5340 | 5345 |
| 140 | 6392 | 6374 | 6350 | 6320 | 6283 | 6240 | 6195 | 6148 | 6101 | 6058 | 6018 | 5983 | 5952 | 5930 | 5917 | 5909 | 5907 | 5908 | 5910 |
| 145 | 6859 | 6845 | 6826 | 6802 | 6772 | 6736 | 6698 | 6658 | 6617 | 6575 | 6535 | 6498 | 6466 | 6442 | 6427 | 6417 | 6412 | 6412 | 6414 |
| 150 | 7249 | 7238 | 7224 | 7205 | 7183 | 7157 | 7129 | 7098 | 7065 | 7028 | 6991 | 6956 | 6924 | 6900 | 6885 | 6875 | 6870 | 6869 | 6870 |
| 155 | 7566 | 7558 | 7547 | 7533 | 7517 | 7500 | 7480 | 7459 | 7436 | 7408 | 7379 | 7352 | 7327 | 7308 | 7296 | 7287 | 7282 | 7281 | 7283 |
| 160 | 7810 | 7804 | 7796 | 7787 | 7777 | 7767 | 7756 | 7743 | 7730 | 7712 | 7693 | 7675 | 7659 | 7646 | 7639 | 7634 | 7632 | 7631 | 7633 |
| 165 | 7995 | 7991 | 7985 | 7980 | 7974 | 7969 | 7964 | 7958 | 7951 | 7942 | 7933 | 7923 | 7915 | 7909 | 7905 | 7902 | 7901 | 7901 | 7902 |
| 170 | 8123 | 8121 | 8118 | 8116 | 8113 | 8111 | 8109 | 8106 | 8104 | 8100 | 8097 | 8093 | 8090 | 8088 | 8087 | 8087 | 8087 | 8088 | 8088 |
| 175 | 8199 | 8198 | 8198 | 8197 | 8197 | 8197 | 8196 | 8196 | 8196 | 8195 | 8194 | 8194 | 8193 | 8193 | 8194 | 8195 | 8196 | 8197 | 8197 |
| 180 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 |

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 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 | 1458 | 1458 | 1457 | 1456 | 1456 | 1455 | 1455 | 1454 | 1454 | 1453 | 1453 | 1452 | 1452 | 1452 | 1451 | 1451 | 1451 | 1452 | 1452 |
| 5 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1454 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1455 | 1454 | 1454 | 1454 | 1454 |
| 10 | 1428 | 1430 | 1433 | 1437 | 1442 | 1447 | 1452 | 1457 | 1462 | 1467 | 1471 | 1475 | 1477 | 1478 | 1477 | 1477 | 1476 | 1475 | 1474 |
| 15 | 1392 | 1397 | 1403 | 1412 | 1421 | 1432 | 1444 | 1455 | 1468 | 1480 | 1491 | 1501 | 1508 | 1513 | 1516 | 1518 | 1518 | 1518 | 1516 |
| 20 | 1306 | 1317 | 1332 | 1350 | 1370 | 1393 | 1416 | 1439 | 1463 | 1485 | 1506 | 1525 | 1540 | 1551 | 1558 | 1563 | 1565 | 1564 | 1560 |
| 25 | 1136 | 1163 | 1195 | 1232 | 1273 | 1316 | 1359 | 1401 | 1440 | 1475 | 1506 | 1534 | 1555 | 1569 | 1578 | 1583 | 1585 | 1585 | 1581 |
| 30 | 838 | 879 | 930 | 994 | 1068 | 1146 | 1224 | 1299 | 1357 | 1409 | 1453 | 1489 | 1514 | 1528 | 1535 | 1537 | 1535 | 1539 | 1539 |
| 35 | 515 | 550 | 600 | 673 | 768 | 871 | 976 | 1079 | 1164 | 1240 | 1307 | 1363 | 1403 | 1426 | 1440 | 1446 | 1445 | 1450 | 1448 |
| 40 | 301 | 322 | 356 | 412 | 490 | 580 | 678 | 782 | 895 | 1005 | 1110 | 1204 | 1271 | 1311 | 1336 | 1349 | 1350 | 1355 | 1348 |
| 45 | 203 | 214 | 233 | 262 | 302 | 354 | 419 | 497 | 617 | 744 | 870 | 987 | 1070 | 1116 | 1145 | 1158 | 1158 | 1162 | 1153 |
| 50 | 155 | 160 | 169 | 179 | 193 | 215 | 247 | 293 | 383 | 481 | 582 | 676 | 744 | 784 | 809 | 823 | 826 | 829 | 822 |
| 55 | 122 | 124 | 128 | 132 | 136 | 145 | 159 | 182 | 231 | 286 | 342 | 396 | 437 | 463 | 481 | 492 | 496 | 494 | 484 |
| 60 | 98.9 | 100 | 102 | 104 | 106 | 111 | 118 | 129 | 154 | 180 | 208 | 234 | 254 | 266 | 275 | 280 | 282 | 281 | 277 |
| 65 | 81.1 | 81.8 | 83.0 | 84.3 | 86.1 | 88.8 | 92.8 | 98.4 | 109 | 121 | 133 | 145 | 155 | 162 | 168 | 172 | 174 | 173 | 170 |
| 70 | 65.2 | 65.7 | 66.5 | 67.5 | 68.8 | 70.5 | 72.9 | 76.0 | 81.3 | 87.1 | 93.2 | 99.1 | 104 | 109 | 112 | 115 | 116 | 115 | 114 |
| 75 | 50.1 | 50.3 | 50.6 | 51.2 | 52.1 | 53.2 | 54.8 | 56.7 | 59.6 | 62.7 | 66.0 | 69.2 | 72.1 | 74.6 | 76.7 | 78.2 | 79.1 | 78.6 | 77.4 |
| 80 | 34.5 | 34.5 | 34.8 | 35.1 | 35.6 | 36.3 | 37.2 | 38.2 | 39.9 | 41.8 | 43.7 | 45.5 | 46.9 | 48.0 | 48.9 | 49.5 | 49.8 | 49.8 | 49.5 |
| 85 | 18.2 | 18.3 | 18.4 | 18.6 | 18.8 | 19.0 | 19.4 | 19.8 | 20.4 | 21.1 | 21.7 | 22.4 | 22.8 | 23.1 | 23.2 | 23.4 | 23.5 | 23.7 | 23.9 |
| 90 | 2.13 | 2.19 | 2.29 | 2.38 | 2.46 | 2.56 | 2.68 | 2.84 | 3.08 | 3.34 | 3.61 | 3.88 | 4.12 | 4.31 | 4.48 | 4.62 | 4.73 | 4.78 | 4.79 |
| 95 | 150 | 178 | 210 | 242 | 273 | 301 | 324 | 339 | 324 | 304 | 281 | 260 | 253 | 263 | 277 | 293 | 310 | 316 | 321 |
| 100 | 458 | 509 | 570 | 634 | 699 | 769 | 841 | 915 | 989 | 1062 | 1135 | 1206 | 1278 | 1349 | 1412 | 1462 | 1496 | 1489 | 1465 |
| 105 | 976 | 1018 | 1073 | 1144 | 1227 | 1318 | 1414 | 1513 | 1604 | 1694 | 1782 | 1867 | 1957 | 2047 | 2126 | 2189 | 2232 | 2221 | 2189 |
| 110 | 1661 | 1689 | 1729 | 1785 | 1855 | 1935 | 2024 | 2119 | 2225 | 2333 | 2441 | 2545 | 2643 | 2733 | 2809 | 2867 | 2905 | 2897 | 2867 |
| 115 | 2433 | 2454 | 2482 | 2514 | 2551 | 2597 | 2653 | 2720 | 2820 | 2929 | 3041 | 3151 | 3254 | 3346 | 3423 | 3482 | 3521 | 3512 | 3482 |
| 120 | 3216 | 3231 | 3251 | 3271 | 3294 | 3323 | 3360 | 3406 | 3478 | 3558 | 3642 | 3727 | 3811 | 3889 | 3958 | 4014 | 4052 | 4049 | 4027 |
| 125 | 3965 | 3979 | 3997 | 4018 | 4040 | 4067 | 4099 | 4137 | 4191 | 4250 | 4311 | 4373 | 4435 | 4493 | 4546 | 4590 | 4622 | 4629 | 4623 |
| 130 | 4692 | 4705 | 4722 | 4738 | 4755 | 4776 | 4801 | 4832 | 4882 | 4935 | 4991 | 5046 | 5097 | 5140 | 5178 | 5210 | 5234 | 5247 | 5252 |
| 135 | 5353 | 5364 | 5378 | 5390 | 5403 | 5419 | 5441 | 5469 | 5519 | 5574 | 5630 | 5685 | 5730 | 5764 | 5792 | 5814 | 5830 | 5844 | 5852 |
| 140 | 5915 | 5924 | 5936 | 5951 | 5968 | 5989 | 6016 | 6048 | 6098 | 6152 | 6206 | 6257 | 6298 | 6328 | 6351 | 6368 | 6381 | 6394 | 6401 |
| 145 | 6419 | 6429 | 6442 | 6460 | 6482 | 6508 | 6538 | 6572 | 6618 | 6666 | 6714 | 6758 | 6791 | 6814 | 6830 | 6842 | 6850 | 6861 | 6868 |
| 150 | 6876 | 6885 | 6899 | 6917 | 6940 | 6967 | 6996 | 7028 | 7066 | 7104 | 7141 | 7175 | 7201 | 7217 | 7229 | 7238 | 7243 | 7252 | 7258 |
| 155 | 7288 | 7297 | 7308 | 7324 | 7343 | 7364 | 7387 | 7411 | 7438 | 7465 | 7491 | 7514 | 7532 | 7543 | 7551 | 7557 | 7561 | 7568 | 7572 |
| 160 | 7637 | 7643 | 7650 | 7660 | 7671 | 7684 | 7698 | 7713 | 7729 | 7746 | 7762 | 7777 | 7788 | 7796 | 7801 | 7806 | 7809 | 7814 | 7818 |
| 165 | 7904 | 7907 | 7911 | 7916 | 7921 | 7927 | 7934 | 7941 | 7950 | 7960 | 7969 | 7977 | 7983 | 7987 | 7989 | 7991 | 7993 | 7997 | 8000 |
| 170 | 8089 | 8090 | 8091 | 8092 | 8093 | 8095 | 8097 | 8099 | 8103 | 8106 | 8110 | 8114 | 8116 | 8118 | 8119 | 8121 | 8122 | 8125 | 8127 |
| 175 | 8197 | 8197 | 8196 | 8196 | 8194 | 8193 | 8192 | 8192 | 8192 | 8193 | 8194 | 8196 | 8196 | 8196 | 8196 | 8197 | 8197 | 8198 | 8200 |
| 180 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 |

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:229.52V I:0.8504A P:192.65W PF:0.9870 Freq:49.99Hz Lamp Flux:26592.9x1 lm | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: 1282*160*28 | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.:0.8*0.12 | | | | | | Shielding Angle: | | |

Table--4

UNIT: cd

| C(DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| 0 | 1452 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1454 | 1454 | 1455 | 1456 | 1457 | 1457 | 1458 | | | |
| 5 | 1454 | 1454 | 1454 | 1453 | 1453 | 1453 | 1453 | 1453 | 1453 | 1454 | 1454 | 1455 | 1455 | 1456 | 1456 | 1456 | | | |
| 10 | 1473 | 1472 | 1469 | 1466 | 1462 | 1458 | 1454 | 1450 | 1446 | 1442 | 1439 | 1436 | 1434 | 1432 | 1431 | | | | |
| 15 | 1513 | 1509 | 1501 | 1491 | 1479 | 1467 | 1454 | 1443 | 1432 | 1423 | 1414 | 1408 | 1403 | 1400 | 1399 | | | | |
| 20 | 1553 | 1543 | 1529 | 1512 | 1493 | 1472 | 1450 | 1428 | 1406 | 1385 | 1365 | 1349 | 1337 | 1328 | 1321 | | | | |
| 25 | 1573 | 1560 | 1540 | 1513 | 1482 | 1447 | 1409 | 1365 | 1320 | 1276 | 1236 | 1203 | 1179 | 1162 | 1150 | | | | |
| 30 | 1534 | 1521 | 1497 | 1460 | 1415 | 1363 | 1304 | 1230 | 1153 | 1077 | 1006 | 950 | 909 | 879 | 859 | | | | |
| 35 | 1437 | 1417 | 1378 | 1323 | 1256 | 1180 | 1096 | 996 | 893 | 794 | 702 | 631 | 582 | 549 | 530 | | | | |
| 40 | 1328 | 1293 | 1229 | 1138 | 1036 | 926 | 814 | 708 | 607 | 514 | 433 | 372 | 333 | 310 | 304 | | | | |
| 45 | 1129 | 1086 | 1007 | 893 | 770 | 644 | 524 | 443 | 375 | 319 | 275 | 241 | 217 | 204 | 202 | | | | |
| 50 | 801 | 766 | 700 | 604 | 503 | 402 | 309 | 261 | 226 | 202 | 187 | 174 | 163 | 156 | 155 | | | | |
| 55 | 467 | 442 | 403 | 350 | 295 | 241 | 193 | 169 | 154 | 144 | 138 | 133 | 128 | 125 | 124 | | | | |
| 60 | 269 | 257 | 238 | 213 | 186 | 159 | 135 | 124 | 116 | 111 | 108 | 105 | 103 | 101 | 101 | | | | |
| 65 | 166 | 159 | 149 | 137 | 125 | 113 | 102 | 95.8 | 91.7 | 88.8 | 87.0 | 85.5 | 84.1 | 83.3 | 83.1 | | | | |
| 70 | 111 | 107 | 102 | 96.1 | 89.8 | 83.7 | 78.1 | 75.0 | 72.6 | 70.9 | 69.7 | 68.8 | 67.9 | 67.4 | 67.2 | | | | |
| 75 | 75.7 | 73.5 | 70.7 | 67.6 | 64.4 | 61.3 | 58.4 | 56.6 | 55.2 | 54.2 | 53.4 | 52.8 | 52.4 | 52.2 | 52.3 | | | | |
| 80 | 48.9 | 48.0 | 46.7 | 45.0 | 43.2 | 41.5 | 39.8 | 38.8 | 38.1 | 37.5 | 37.1 | 36.8 | 36.7 | 36.6 | 36.8 | | | | |
| 85 | 24.0 | 24.0 | 23.8 | 23.3 | 22.7 | 22.1 | 21.5 | 21.3 | 21.1 | 21.0 | 20.9 | 20.9 | 20.8 | 20.8 | 20.9 | | | | |
| 90 | 4.78 | 4.73 | 4.64 | 4.50 | 4.37 | 4.25 | 4.17 | 4.25 | 4.38 | 4.51 | 4.64 | 4.72 | 4.72 | 4.69 | 4.63 | | | | |
| 95 | 328 | 338 | 360 | 393 | 425 | 451 | 469 | 452 | 425 | 390 | 350 | 312 | 277 | 241 | 204 | | | | |
| 100 | 1427 | 1377 | 1320 | 1259 | 1193 | 1124 | 1052 | 983 | 913 | 845 | 780 | 720 | 665 | 613 | 566 | | | | |
| 105 | 2139 | 2075 | 2004 | 1929 | 1848 | 1763 | 1676 | 1587 | 1501 | 1417 | 1340 | 1275 | 1222 | 1178 | 1144 | | | | |
| 110 | 2818 | 2754 | 2676 | 2586 | 2491 | 2394 | 2298 | 2216 | 2141 | 2072 | 2011 | 1960 | 1920 | 1888 | 1866 | | | | |
| 115 | 3433 | 3368 | 3288 | 3196 | 3101 | 3007 | 2920 | 2867 | 2823 | 2788 | 2758 | 2729 | 2700 | 2675 | 2652 | | | | |
| 120 | 3991 | 3943 | 3885 | 3820 | 3752 | 3686 | 3625 | 3589 | 3559 | 3535 | 3514 | 3493 | 3471 | 3449 | 3429 | | | | |
| 125 | 4605 | 4578 | 4539 | 4490 | 4438 | 4386 | 4338 | 4314 | 4295 | 4280 | 4266 | 4249 | 4227 | 4204 | 4179 | | | | |
| 130 | 5248 | 5234 | 5203 | 5158 | 5109 | 5060 | 5014 | 4996 | 4983 | 4974 | 4966 | 4953 | 4935 | 4915 | 4893 | | | | |
| 135 | 5852 | 5844 | 5820 | 5780 | 5737 | 5692 | 5650 | 5629 | 5612 | 5599 | 5587 | 5573 | 5557 | 5540 | 5523 | | | | |
| 140 | 6402 | 6396 | 6376 | 6342 | 6305 | 6264 | 6225 | 6197 | 6173 | 6150 | 6130 | 6112 | 6095 | 6080 | 6067 | | | | |
| 145 | 6870 | 6866 | 6852 | 6828 | 6800 | 6769 | 6737 | 6710 | 6684 | 6659 | 6636 | 6615 | 6598 | 6582 | 6568 | | | | |
| 150 | 7260 | 7259 | 7250 | 7234 | 7215 | 7193 | 7169 | 7147 | 7125 | 7103 | 7082 | 7063 | 7047 | 7033 | 7020 | | | | |
| 155 | 7575 | 7575 | 7571 | 7561 | 7548 | 7534 | 7520 | 7506 | 7491 | 7477 | 7464 | 7451 | 7439 | 7428 | 7417 | | | | |
| 160 | 7821 | 7822 | 7819 | 7814 | 7806 | 7798 | 7790 | 7783 | 7776 | 7769 | 7762 | 7756 | 7749 | 7743 | 7738 | | | | |
| 165 | 8003 | 8005 | 8005 | 8002 | 7999 | 7995 | 7991 | 7989 | 7987 | 7986 | 7984 | 7982 | 7979 | 7977 | 7974 | | | | |
| 170 | 8130 | 8132 | 8133 | 8132 | 8132 | 8131 | 8130 | 8130 | 8130 | 8131 | 8131 | 8131 | 8130 | 8129 | 8128 | | | | |
| 175 | 8201 | 8202 | 8203 | 8204 | 8204 | 8204 | 8205 | 8207 | 8209 | 8210 | 8212 | 8213 | 8213 | 8213 | 8213 | | | | |
| 180 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | 8235 | | | | |

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: