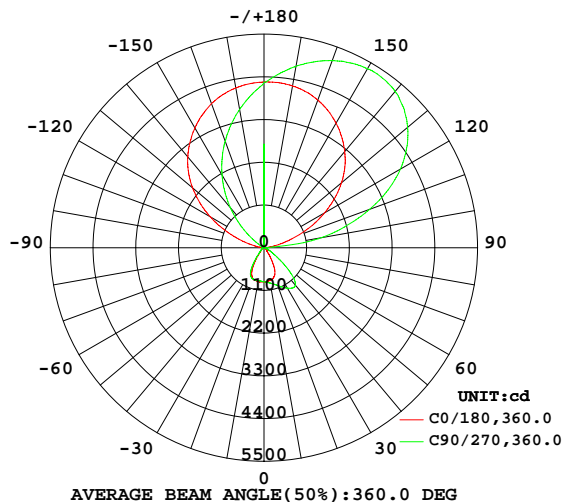


LUMINAIRE PHOTOMETRIC TEST REPORT

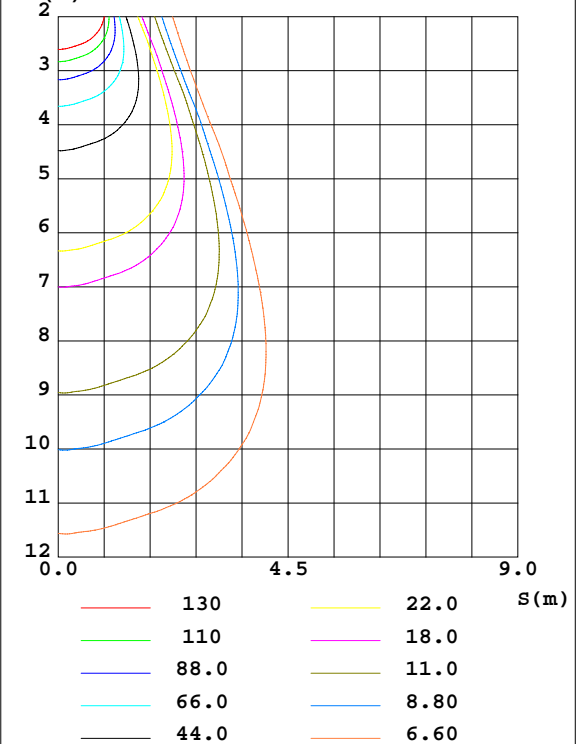
| | | |
|--|------------------|------------------|
| Test:U:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 140.90 lm/W | | | |
|------------------|---------|-----------------------------------|-----------|------------------------|----------|
| MODEL | | Imax(cd) | 5342 | S/MH(C0/180) | 0.96 |
| NOMINAL POWER(W) | 100 | LOR(%) | 100.0 | S/MH(C90/270) | 1.02 |
| RATED VOLTAGE(V) | 230.0 | TOTAL FLUX(lm) | 13871 | η UP,DN(C0-180) | 64.2,7.3 |
| NOMINAL FLUX(lm) | 13871.5 | CIE CLASS | SEMI-IND. | η UP,DN(C180-360) | 24.1,4.4 |
| LAMPS INSIDE | 1 | η up(%) | 88.3 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 230.0 | η down(%) | 11.7 | CIBSE SHR MAX | 1.10 |

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:2024-08-26

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:

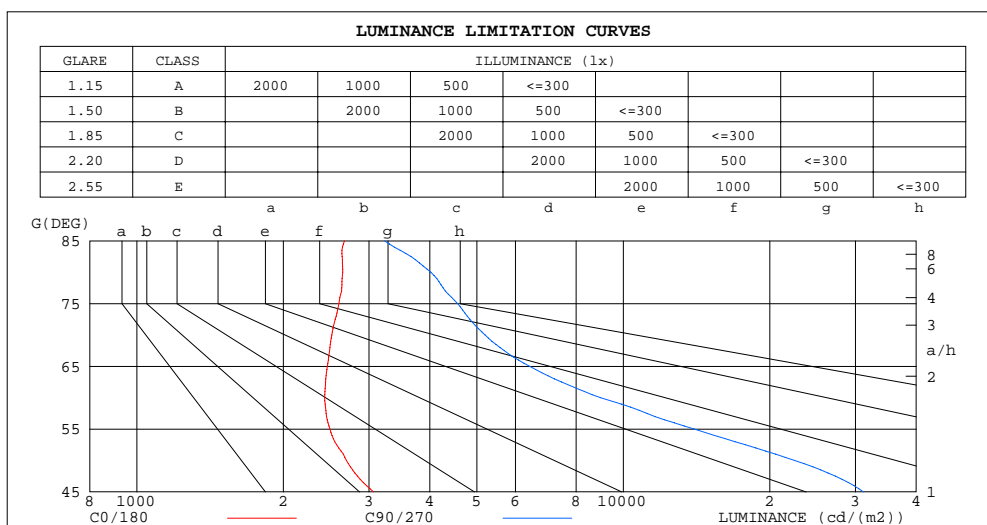
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | $\%lum, lamp$ |
|----------|-----------------------|--------|--------|--------|--------|--------|-------|-------|----------|-------------|--------------|---------------|
| 10 | 858.1 | 896.4 | 924.9 | 903.9 | 882.4 | 864.4 | 862.5 | 845.6 | 0- 10 | 83.75 | 83.75 | 0.60,0.60 |
| 20 | 780.9 | 920.0 | 1039 | 961.9 | 846.4 | 833.6 | 853.7 | 805.2 | 10- 20 | 249.9 | 333.7 | 2.41,2.41 |
| 30 | 459.1 | 885.3 | 1201 | 1004 | 581.2 | 720.3 | 680.1 | 643.7 | 20- 30 | 387.9 | 721.6 | 5.2,5.2 |
| 40 | 146.8 | 550.9 | 1257 | 777.9 | 193.9 | 353.4 | 248.0 | 295.5 | 30- 40 | 390.4 | 1112 | 8.02,8.02 |
| 50 | 83.16 | 174.7 | 693.4 | 273.1 | 92.01 | 125.3 | 99.88 | 110.3 | 40- 50 | 264.2 | 1376 | 9.92,9.92 |
| 60 | 58.38 | 83.16 | 215.3 | 100.2 | 59.73 | 62.63 | 66.43 | 61.53 | 50- 60 | 126.9 | 1503 | 10.8,10.8 |
| 70 | 41.31 | 51.79 | 85.34 | 54.91 | 40.64 | 43.46 | 44.49 | 43.94 | 60- 70 | 67.71 | 1571 | 11.3,11.3 |
| 80 | 22.09 | 25.47 | 33.51 | 25.45 | 20.93 | 21.05 | 20.32 | 21.82 | 70- 80 | 39.41 | 1610 | 11.6,11.6 |
| 90 | 0.9966 | 0.7045 | 0.3780 | 0.3007 | 0.4983 | 0.8333 | 1.340 | 1.426 | 80- 90 | 12.58 | 1623 | 11.7,11.7 |
| 100 | 244.9 | 1017 | 1498 | 883.9 | 164.8 | 34.72 | 24.07 | 35.01 | 90-100 | 202.6 | 1825 | 13.2,13.2 |
| 110 | 931.4 | 2285 | 2894 | 2111 | 757.2 | 63.01 | 41.52 | 66.08 | 100-110 | 845.6 | 2671 | 19.3,19.3 |
| 120 | 1806 | 3382 | 4054 | 3198 | 1599 | 305.4 | 76.01 | 390.9 | 110-120 | 1475 | 4146 | 29.9,29.9 |
| 130 | 2605 | 4156 | 4828 | 4005 | 2399 | 977.5 | 545.6 | 1097 | 120-130 | 1976 | 6122 | 44.1,44.1 |
| 140 | 3234 | 4637 | 5249 | 4504 | 3053 | 1752 | 1347 | 1876 | 130-140 | 2241 | 8363 | 60.3,60.3 |
| 150 | 3709 | 4840 | 5325 | 4745 | 3561 | 2506 | 2160 | 2614 | 140-150 | 2166 | 10529 | 75.9,75.9 |
| 160 | 4048 | 4804 | 5129 | 4756 | 3953 | 3176 | 2924 | 3263 | 150-160 | 1780 | 12309 | 88.7,88.7 |
| 170 | 4231 | 4581 | 4744 | 4571 | 4181 | 3747 | 3620 | 3811 | 160-170 | 1161 | 13470 | 97.1,97.1 |
| 180 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 170-180 | 401.9 | 13871 | 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:2024-08-26

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:

LUMINANCE LIMITATION CURVES

| | | |
|--|------------------|------------------|
| Test:U:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 2672 | 3230 |
| 80 | 2650 | 4021 |
| 75 | 2602 | 4564 |
| 70 | 2516 | 5198 |
| 65 | 2464 | 6422 |
| 60 | 2433 | 8973 |
| 55 | 2493 | 13987 |
| 50 | 2695 | 22474 |
| 45 | 3066 | 31160 |

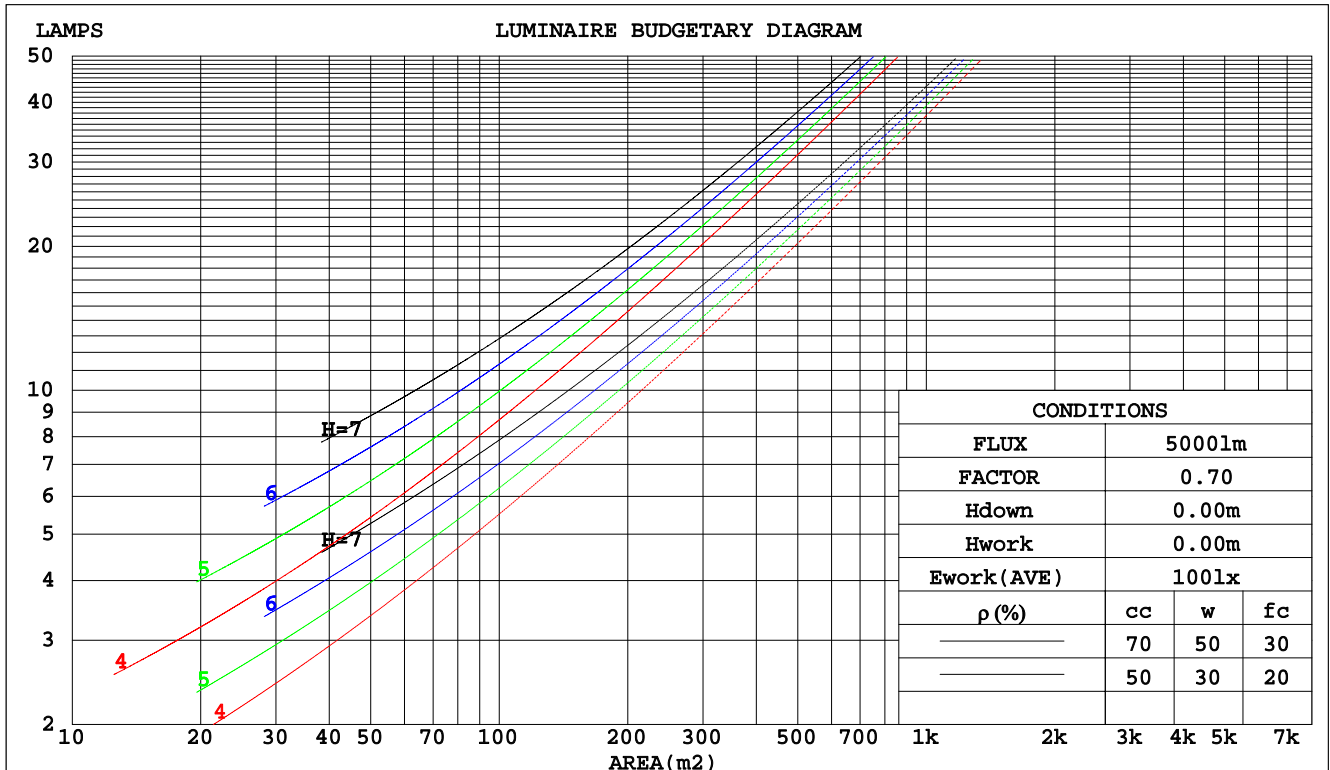
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*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 | .62 | .62 | .62 | .41 | .41 | .41 | .21 | .21 | .21 | .12 |
| 1.0 | .86 | .82 | .79 | .75 | .72 | .69 | .55 | .53 | .51 | .36 | .35 | .34 | .19 | .18 | .18 | .10 |
| 2.0 | .75 | .69 | .65 | .66 | .61 | .57 | .48 | .45 | .43 | .32 | .30 | .29 | .17 | .16 | .16 | .09 |
| 3.0 | .66 | .59 | .54 | .58 | .52 | .48 | .43 | .39 | .36 | .28 | .26 | .25 | .15 | .14 | .14 | .08 |
| 4.0 | .58 | .51 | .46 | .51 | .45 | .41 | .38 | .34 | .31 | .25 | .23 | .21 | .14 | .13 | .12 | .07 |
| 5.0 | .52 | .45 | .39 | .46 | .40 | .35 | .34 | .30 | .27 | .23 | .20 | .19 | .13 | .12 | .11 | .07 |
| 6.0 | .47 | .39 | .34 | .41 | .35 | .30 | .31 | .26 | .23 | .21 | .18 | .16 | .11 | .10 | .09 | .06 |
| 7.0 | .42 | .35 | .29 | .37 | .31 | .26 | .28 | .23 | .20 | .19 | .16 | .14 | .11 | .09 | .08 | .05 |
| 8.0 | .38 | .31 | .26 | .33 | .27 | .23 | .25 | .21 | .18 | .17 | .15 | .13 | .10 | .09 | .08 | .05 |
| 9.0 | .34 | .27 | .23 | .30 | .25 | .21 | .23 | .19 | .16 | .16 | .13 | .11 | .09 | .08 | .07 | .05 |
| 10.0 | .31 | .25 | .20 | .28 | .22 | .18 | .21 | .17 | .14 | .14 | .12 | .10 | .08 | .07 | .06 | .04 |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | | | | | | | |
| NAME: | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: 620*160*28 | | | SERIAL No.: | | |
| MFR.: | | | SUR.:0.4*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 | .221 | .126 | .040 | .158 | .091 | .029 | .101 | .058 | .019 | .047 | .027 | .009 | | |
| 2.0 | .235 | .129 | .040 | .205 | .113 | .035 | .147 | .082 | .025 | .094 | .053 | .017 | .045 | .025 | .008 | | |
| 3.0 | .218 | .116 | .035 | .190 | .102 | .031 | .137 | .074 | .023 | .088 | .048 | .015 | .042 | .023 | .007 | | |
| 4.0 | .202 | .105 | .031 | .176 | .092 | .027 | .127 | .068 | .020 | .082 | .044 | .013 | .040 | .022 | .007 | | |
| 5.0 | .188 | .096 | .028 | .164 | .084 | .025 | .119 | .062 | .018 | .077 | .041 | .012 | .038 | .020 | .006 | | |
| 6.0 | .176 | .088 | .025 | .154 | .078 | .022 | .112 | .057 | .017 | .072 | .038 | .011 | .036 | .019 | .006 | | |
| 7.0 | .164 | .081 | .023 | .144 | .072 | .020 | .105 | .053 | .015 | .068 | .035 | .010 | .034 | .017 | .005 | | |
| 8.0 | .154 | .075 | .021 | .135 | .067 | .019 | .099 | .049 | .014 | .064 | .033 | .009 | .032 | .016 | .005 | | |
| 9.0 | .145 | .070 | .020 | .127 | .062 | .017 | .093 | .046 | .013 | .061 | .030 | .009 | .030 | .015 | .004 | | |
| 10.0 | .137 | .066 | .018 | .120 | .058 | .016 | .088 | .043 | .012 | .058 | .029 | .008 | .029 | .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 | .863 | .863 | .863 | .738 | .738 | .738 | .504 | .504 | .504 | .289 | .289 | .289 | .092 | .092 | .092 | | |
| 1.0 | .855 | .835 | .817 | .731 | .717 | .703 | .500 | .493 | .486 | .288 | .285 | .283 | .092 | .092 | .091 | | |
| 2.0 | .848 | .815 | .788 | .726 | .702 | .681 | .498 | .485 | .475 | .287 | .282 | .278 | .092 | .091 | .091 | | |
| 3.0 | .841 | .800 | .768 | .721 | .691 | .666 | .495 | .480 | .467 | .286 | .280 | .275 | .092 | .091 | .090 | | |
| 4.0 | .835 | .789 | .755 | .716 | .682 | .656 | .493 | .475 | .462 | .285 | .278 | .273 | .092 | .091 | .090 | | |
| 5.0 | .829 | .781 | .745 | .712 | .676 | .649 | .490 | .472 | .458 | .284 | .277 | .272 | .092 | .090 | .090 | | |
| 6.0 | .823 | .774 | .739 | .708 | .670 | .643 | .488 | .469 | .455 | .283 | .276 | .271 | .091 | .090 | .089 | | |
| 7.0 | .818 | .768 | .734 | .704 | .666 | .639 | .486 | .467 | .453 | .283 | .275 | .270 | .091 | .090 | .089 | | |
| 8.0 | .813 | .764 | .730 | .700 | .663 | .636 | .484 | .465 | .451 | .282 | .274 | .269 | .091 | .090 | .089 | | |
| 9.0 | .808 | .760 | .727 | .696 | .659 | .634 | .483 | .464 | .450 | .281 | .274 | .268 | .091 | .090 | .089 | | |
| 10.0 | .804 | .756 | .725 | .693 | .657 | .632 | .481 | .462 | .449 | .280 | .273 | .268 | .091 | .090 | .089 | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | | | | | | | | | | |
| NAME: | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: 620*160*28 | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.:0.4*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 | 5.5 | 6.2 | 6.7 | 7.4 | 9.0 | 14.3 | 15.0 | 15.5 | 16.2 | 17.8 | |
| | 3H | 6.1 | 6.7 | 7.3 | 7.9 | 9.6 | 14.3 | 14.9 | 15.5 | 16.1 | |
| | 4H | 6.5 | 7.0 | 7.7 | 8.2 | 9.9 | 14.3 | 14.8 | 15.5 | 16.0 | |
| | 6H | 6.8 | 7.3 | 8.0 | 8.5 | 10.2 | 14.2 | 14.7 | 15.4 | 15.9 | |
| | 8H | 6.9 | 7.4 | 8.1 | 8.6 | 10.3 | 14.1 | 14.6 | 15.4 | 15.8 | |
| | 12H | 7.0 | 7.4 | 8.2 | 8.6 | 10.3 | 14.1 | 14.5 | 15.3 | 15.7 | |
| 4H | 2H | 6.0 | 6.6 | 7.2 | 7.7 | 9.4 | 13.8 | 14.4 | 15.0 | 15.5 | |
| | 3H | 6.7 | 7.2 | 8.0 | 8.4 | 10.1 | 13.8 | 14.3 | 15.1 | 15.5 | |
| | 4H | 7.2 | 7.6 | 8.4 | 8.8 | 10.5 | 13.9 | 14.3 | 15.1 | 15.5 | |
| | 6H | 7.6 | 7.9 | 8.8 | 9.2 | 10.9 | 13.9 | 14.2 | 15.1 | 15.4 | |
| | 8H | 7.8 | 8.1 | 9.0 | 9.3 | 11.0 | 13.8 | 14.2 | 15.1 | 15.4 | |
| | 12H | 7.9 | 8.2 | 9.1 | 9.4 | 11.1 | 13.8 | 14.1 | 15.0 | 15.3 | |
| 8H | 4H | 7.3 | 7.7 | 8.6 | 8.9 | 10.6 | 13.6 | 13.9 | 14.8 | 15.1 | |
| | 6H | 7.9 | 8.2 | 9.2 | 9.4 | 11.2 | 13.7 | 13.9 | 14.9 | 15.1 | |
| | 8H | 8.2 | 8.4 | 9.4 | 9.6 | 11.4 | 13.7 | 13.9 | 14.9 | 15.1 | |
| | 12H | 8.4 | 8.5 | 9.6 | 9.8 | 11.6 | 13.7 | 13.8 | 14.9 | 15.1 | |
| 12H | 4H | 7.3 | 7.6 | 8.6 | 8.8 | 10.6 | 13.5 | 13.8 | 14.7 | 15.0 | |
| | 6H | 7.9 | 8.2 | 9.2 | 9.4 | 11.2 | 13.6 | 13.8 | 14.8 | 15.0 | |
| | 8H | 8.2 | 8.4 | 9.5 | 9.7 | 11.5 | 13.6 | 13.8 | 14.9 | 15.0 | |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.7 / - 0.7 | | | | | + 1.1 / - 1.4 | | | | | |
| 1.5H | + 1.1 / - 0.6 | | | | | + 2.1 / - 3.8 | | | | | |
| 2.0H | + 0.4 / - 0.4 | | | | | + 4.3 / - 4.3 | | | | | |

CIE Pub.117, 13871 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 9.1$)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |

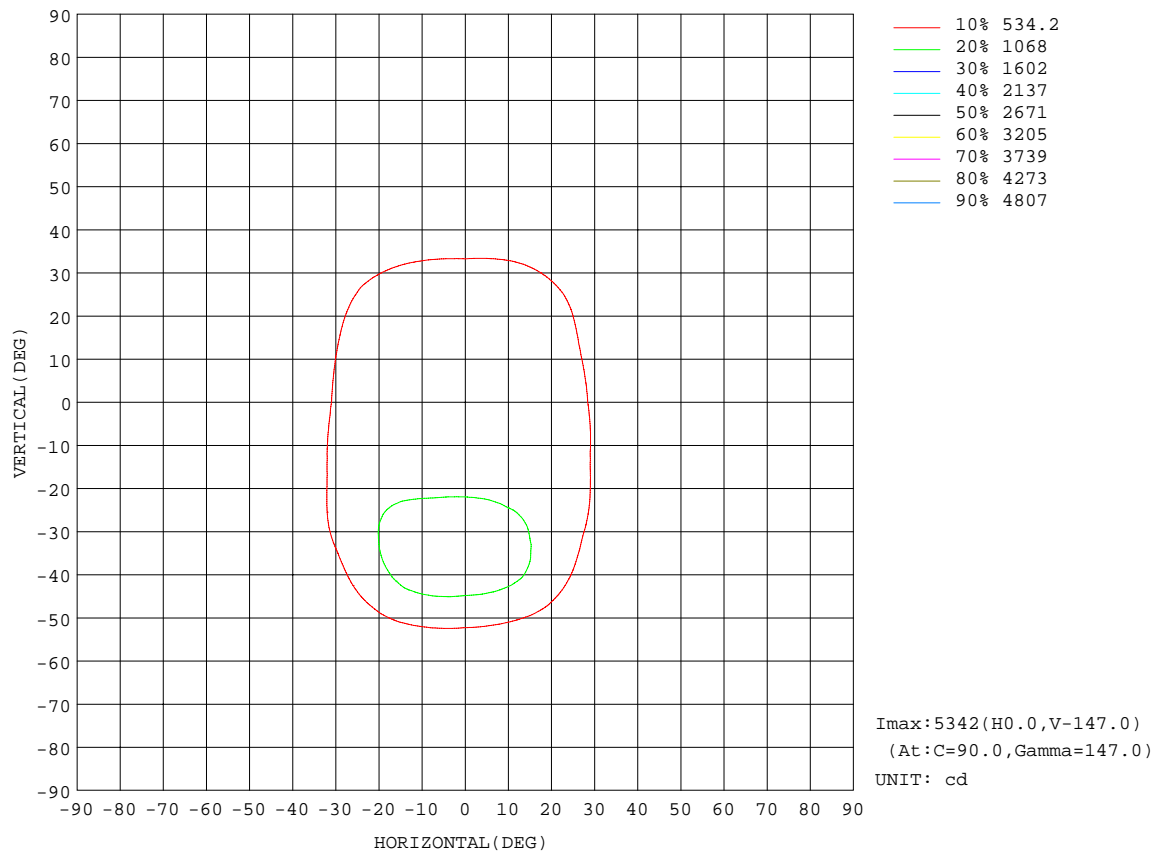
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 24 | 18 | 14 | 6 |
| 0.80 | 44 | 33 | 26 | 39 | 30 | 24 | 30 | 23 | 19 | 7 |
| 1.00 | 51 | 40 | 33 | 45 | 36 | 29 | 34 | 28 | 23 | 8 |
| 1.25 | 58 | 47 | 39 | 51 | 42 | 35 | 38 | 32 | 28 | 9 |
| 1.50 | 63 | 52 | 45 | 55 | 46 | 40 | 41 | 35 | 31 | 9 |
| 2.00 | 70 | 60 | 53 | 61 | 53 | 47 | 45 | 40 | 36 | 10 |
| 2.50 | 75 | 66 | 59 | 65 | 58 | 53 | 48 | 43 | 40 | 10 |
| 3.00 | 78 | 70 | 64 | 68 | 62 | 57 | 50 | 46 | 43 | 10 |
| 4.00 | 83 | 76 | 71 | 72 | 67 | 62 | 53 | 49 | 47 | 11 |
| 5.00 | 86 | 80 | 75 | 75 | 70 | 66 | 55 | 52 | 49 | 11 |
| 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:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |

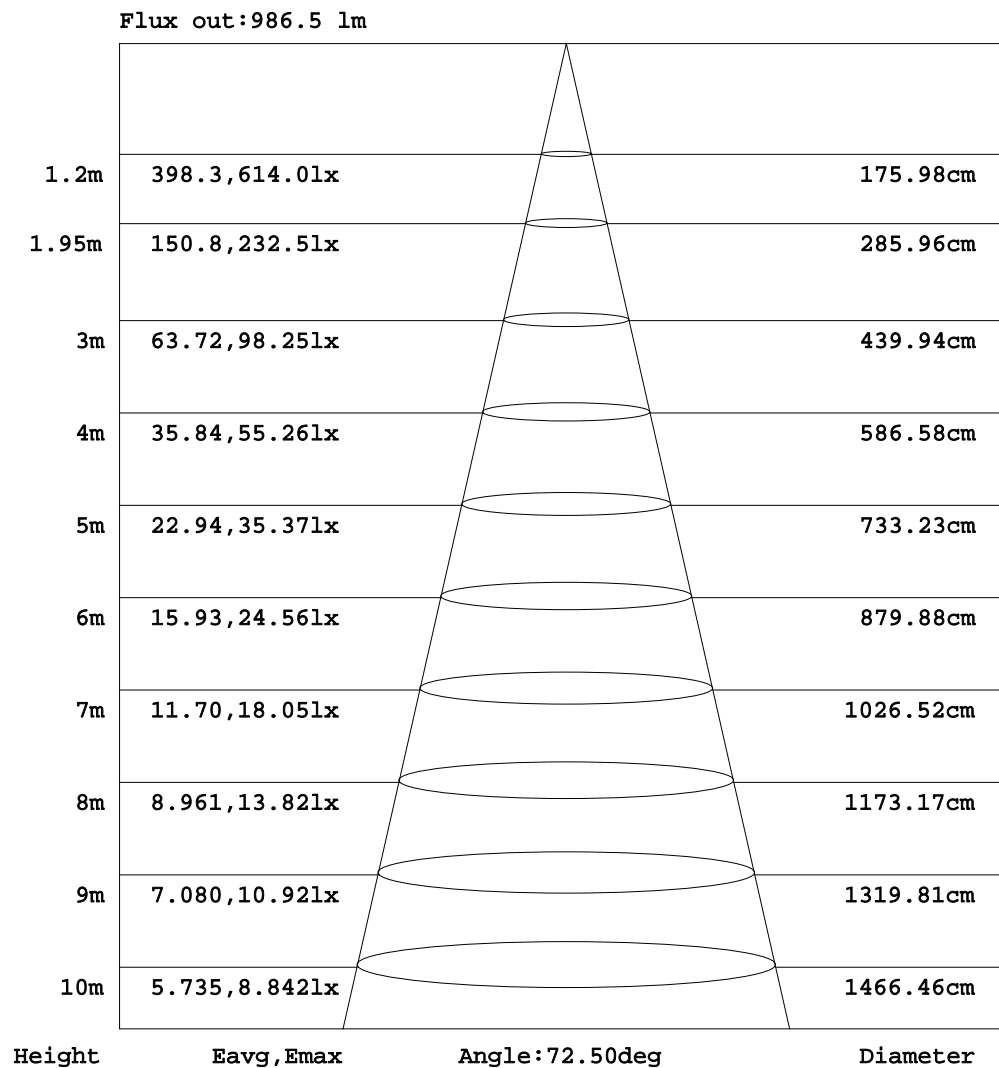


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |



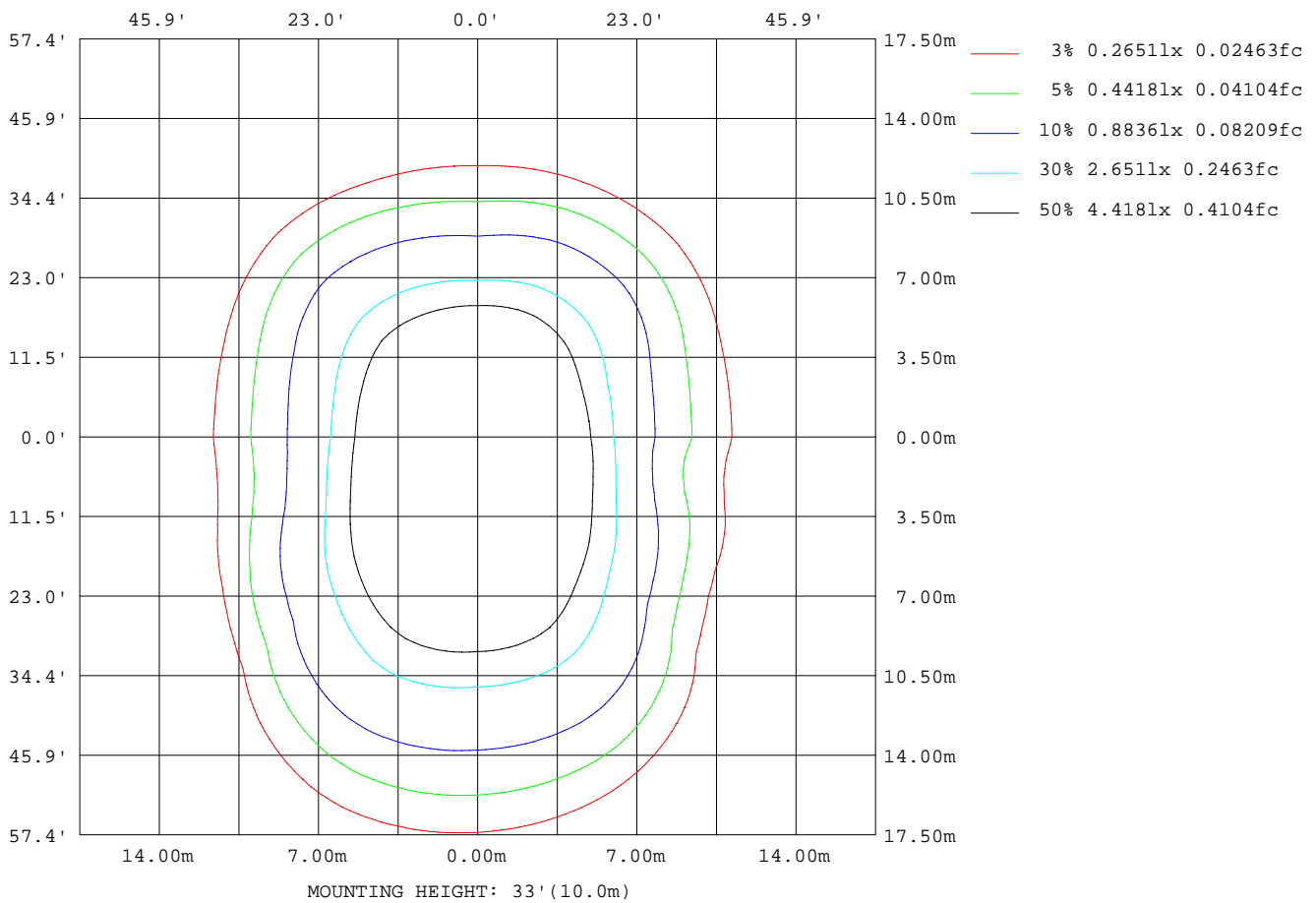
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators:
Test Date: 2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*0.12 | Shielding Angle: |

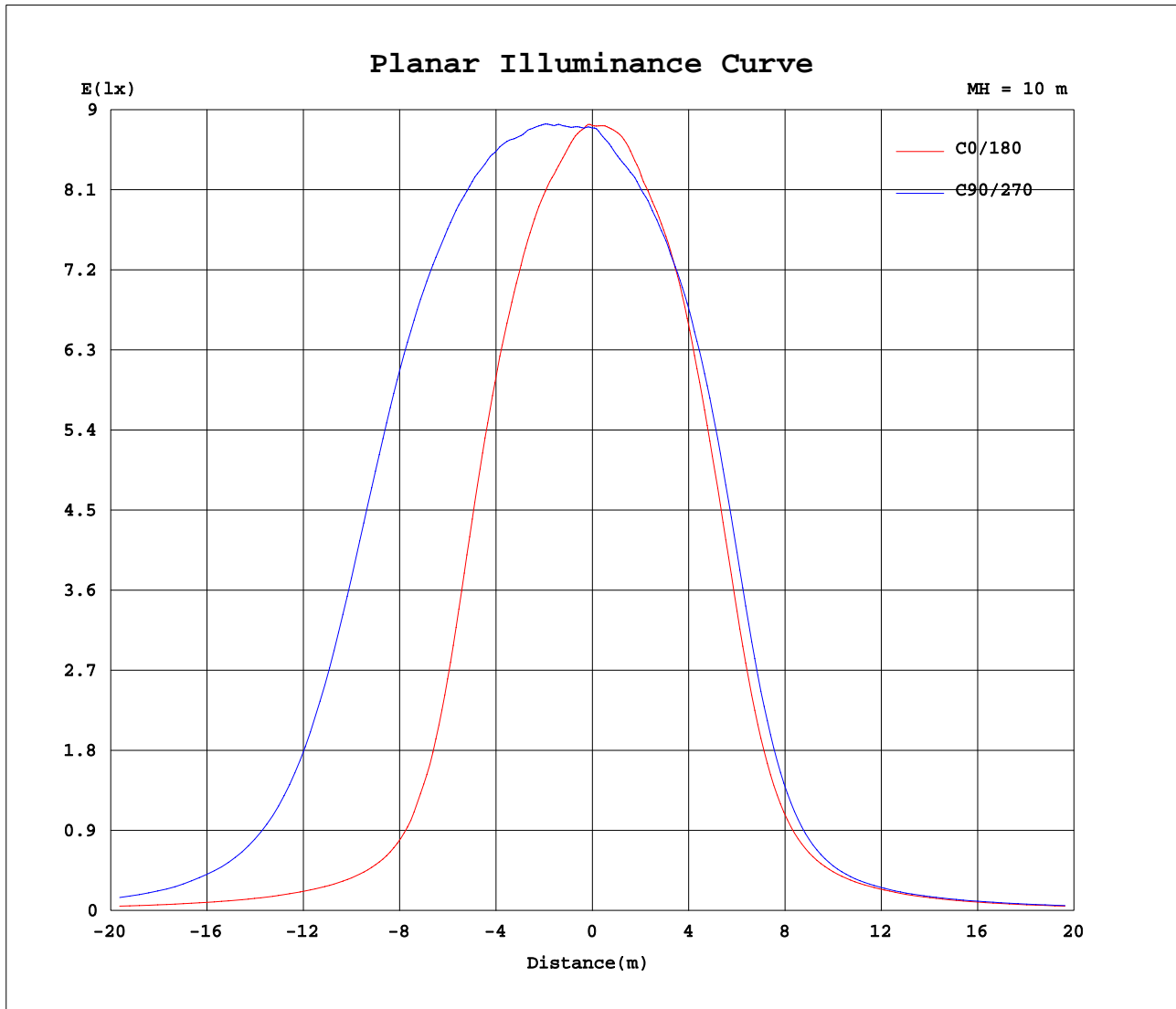
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 2465 |
| L_0~180(75)av | 2561 |
| L_0~180(85)av | 2544 |
| L_90~270(65)av | 4587 |
| L_90~270(75)av | 3571 |
| L_90~270(85)av | 2768 |
| L_45(65)av | 3009 |
| L_45(75)av | 2910 |
| L_45(85)av | 2661 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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: 2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*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 | 882 | 882 | 882 | 882 | 882 | 881 | 881 | 881 | 881 | 881 | 881 | 881 | 881 | 880 | 880 | 880 | 880 | 880 | 879 |
| 5 | 873 | 874 | 875 | 876 | 877 | 879 | 880 | 882 | 884 | 886 | 887 | 888 | 888 | 889 | 889 | 890 | 890 | 890 | 890 |
| 10 | 858 | 860 | 863 | 866 | 870 | 874 | 880 | 885 | 891 | 896 | 902 | 907 | 912 | 916 | 919 | 922 | 924 | 925 | 925 |
| 15 | 836 | 842 | 850 | 857 | 865 | 873 | 882 | 891 | 901 | 911 | 922 | 933 | 944 | 954 | 961 | 966 | 970 | 972 | 973 |
| 20 | 781 | 791 | 803 | 815 | 830 | 845 | 863 | 881 | 901 | 920 | 940 | 960 | 979 | 996 | 1011 | 1022 | 1030 | 1036 | 1039 |
| 25 | 667 | 685 | 705 | 727 | 752 | 781 | 812 | 846 | 880 | 914 | 950 | 984 | 1016 | 1045 | 1069 | 1088 | 1102 | 1112 | 1117 |
| 30 | 459 | 480 | 508 | 542 | 583 | 634 | 694 | 757 | 821 | 885 | 943 | 997 | 1046 | 1091 | 1127 | 1155 | 1177 | 1192 | 1201 |
| 35 | 259 | 260 | 276 | 306 | 349 | 412 | 492 | 582 | 676 | 772 | 860 | 945 | 1024 | 1096 | 1154 | 1197 | 1231 | 1255 | 1269 |
| 40 | 147 | 135 | 138 | 154 | 185 | 231 | 293 | 368 | 454 | 551 | 674 | 802 | 926 | 1041 | 1127 | 1181 | 1220 | 1245 | 1257 |
| 45 | 104 | 95.6 | 95.3 | 103 | 119 | 139 | 164 | 201 | 253 | 322 | 448 | 584 | 722 | 851 | 943 | 994 | 1029 | 1049 | 1058 |
| 50 | 83.2 | 80.5 | 81.0 | 84.7 | 91.7 | 97.1 | 102 | 115 | 138 | 175 | 259 | 352 | 448 | 539 | 605 | 642 | 668 | 684 | 693 |
| 55 | 68.6 | 68.1 | 68.9 | 71.1 | 74.7 | 77.1 | 79.3 | 85.0 | 95.8 | 113 | 153 | 198 | 245 | 290 | 325 | 347 | 365 | 377 | 385 |
| 60 | 58.4 | 58.5 | 59.3 | 60.7 | 62.8 | 64.6 | 66.4 | 69.7 | 75.1 | 83.2 | 100 | 119 | 139 | 159 | 176 | 189 | 200 | 209 | 215 |
| 65 | 50.0 | 50.3 | 51.0 | 52.1 | 53.4 | 54.7 | 56.1 | 58.2 | 61.2 | 65.3 | 72.9 | 81.5 | 90.5 | 99.6 | 108 | 115 | 121 | 126 | 130 |
| 70 | 41.3 | 41.8 | 42.4 | 43.2 | 44.2 | 45.2 | 46.3 | 47.6 | 49.4 | 51.8 | 55.8 | 60.2 | 64.8 | 69.5 | 73.8 | 77.5 | 80.8 | 83.4 | 85.3 |
| 75 | 32.3 | 32.6 | 32.9 | 33.4 | 34.0 | 34.6 | 35.4 | 36.3 | 37.4 | 38.9 | 41.1 | 43.6 | 46.2 | 48.7 | 51.0 | 52.9 | 54.5 | 55.8 | 56.7 |
| 80 | 22.1 | 22.3 | 22.5 | 22.8 | 23.1 | 23.4 | 23.7 | 24.2 | 24.7 | 25.5 | 26.8 | 28.2 | 29.6 | 31.0 | 32.0 | 32.7 | 33.1 | 33.4 | 33.5 |
| 85 | 11.2 | 11.4 | 11.5 | 11.6 | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 12.0 | 12.3 | 12.6 | 13.0 | 13.3 | 13.5 | 13.5 | 13.6 | 13.6 | 13.5 |
| 90 | 1.00 | 0.97 | 0.95 | 0.92 | 0.89 | 0.86 | 0.82 | 0.78 | 0.75 | 0.70 | 0.66 | 0.62 | 0.58 | 0.54 | 0.50 | 0.46 | 0.43 | 0.40 | 0.38 |
| 95 | 70.6 | 112 | 153 | 193 | 233 | 276 | 323 | 365 | 399 | 422 | 411 | 390 | 362 | 330 | 303 | 281 | 263 | 248 | 240 |
| 100 | 245 | 338 | 429 | 519 | 607 | 693 | 777 | 860 | 940 | 1017 | 1093 | 1165 | 1232 | 1294 | 1355 | 1411 | 1456 | 1486 | 1498 |
| 105 | 542 | 686 | 825 | 959 | 1087 | 1211 | 1330 | 1443 | 1550 | 1650 | 1742 | 1827 | 1904 | 1974 | 2042 | 2105 | 2155 | 2188 | 2200 |
| 110 | 931 | 1108 | 1277 | 1441 | 1598 | 1749 | 1895 | 2034 | 2164 | 2285 | 2394 | 2493 | 2582 | 2661 | 2734 | 2800 | 2851 | 2883 | 2894 |
| 115 | 1373 | 1566 | 1753 | 1932 | 2105 | 2271 | 2432 | 2585 | 2728 | 2861 | 2980 | 3088 | 3185 | 3271 | 3350 | 3421 | 3476 | 3511 | 3523 |
| 120 | 1806 | 2005 | 2198 | 2385 | 2567 | 2745 | 2918 | 3084 | 3239 | 3382 | 3506 | 3617 | 3715 | 3801 | 3880 | 3952 | 4007 | 4042 | 4054 |
| 125 | 2217 | 2420 | 2616 | 2805 | 2989 | 3168 | 3342 | 3509 | 3665 | 3810 | 3940 | 4057 | 4161 | 4251 | 4331 | 4398 | 4447 | 4477 | 4484 |
| 130 | 2605 | 2803 | 2994 | 3179 | 3358 | 3532 | 3700 | 3861 | 4014 | 4156 | 4288 | 4409 | 4516 | 4610 | 4689 | 4752 | 4798 | 4823 | 4828 |
| 135 | 2947 | 3129 | 3307 | 3481 | 3651 | 3819 | 3984 | 4143 | 4294 | 4436 | 4566 | 4684 | 4789 | 4880 | 4957 | 5018 | 5061 | 5086 | 5091 |
| 140 | 3234 | 3401 | 3566 | 3727 | 3886 | 4045 | 4203 | 4355 | 4500 | 4637 | 4763 | 4878 | 4980 | 5068 | 5138 | 5192 | 5228 | 5247 | 5249 |
| 145 | 3487 | 3636 | 3784 | 3930 | 4075 | 4221 | 4368 | 4511 | 4648 | 4776 | 4892 | 4997 | 5089 | 5169 | 5232 | 5279 | 5311 | 5328 | 5329 |
| 150 | 3709 | 3838 | 3967 | 4095 | 4221 | 4350 | 4480 | 4606 | 4726 | 4840 | 4943 | 5035 | 5117 | 5187 | 5243 | 5283 | 5310 | 5324 | 5325 |
| 155 | 3897 | 4005 | 4112 | 4219 | 4325 | 4433 | 4543 | 4649 | 4752 | 4848 | 4935 | 5013 | 5083 | 5142 | 5188 | 5221 | 5243 | 5253 | 5253 |
| 160 | 4048 | 4133 | 4218 | 4303 | 4387 | 4473 | 4560 | 4646 | 4727 | 4804 | 4873 | 4935 | 4990 | 5036 | 5074 | 5101 | 5119 | 5128 | 5129 |
| 165 | 4159 | 4218 | 4278 | 4339 | 4400 | 4463 | 4528 | 4592 | 4654 | 4712 | 4764 | 4810 | 4852 | 4887 | 4915 | 4935 | 4948 | 4955 | 4955 |
| 170 | 4231 | 4267 | 4304 | 4342 | 4381 | 4421 | 4462 | 4503 | 4543 | 4581 | 4616 | 4648 | 4676 | 4700 | 4719 | 4732 | 4740 | 4744 | 4744 |
| 175 | 4268 | 4276 | 4286 | 4298 | 4312 | 4329 | 4350 | 4372 | 4393 | 4415 | 4433 | 4450 | 4465 | 4478 | 4488 | 4494 | 4497 | 4499 | 4499 |
| 180 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*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 | 879 | 879 | 878 | 878 | 878 | 877 | 877 | 876 | 876 | 876 | 876 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 882 |
| 5 | 889 | 888 | 887 | 886 | 885 | 884 | 884 | 884 | 884 | 883 | 883 | 883 | 883 | 884 | 885 | 886 | 887 | 887 | 886 |
| 10 | 923 | 921 | 918 | 915 | 913 | 911 | 909 | 906 | 904 | 900 | 896 | 893 | 889 | 887 | 886 | 885 | 884 | 882 | 880 |
| 15 | 973 | 971 | 968 | 964 | 959 | 953 | 947 | 940 | 932 | 922 | 913 | 903 | 895 | 888 | 883 | 879 | 875 | 871 | 866 |
| 20 | 1039 | 1035 | 1030 | 1022 | 1013 | 1002 | 990 | 976 | 962 | 946 | 929 | 912 | 897 | 883 | 872 | 863 | 854 | 846 | 837 |
| 25 | 1117 | 1113 | 1105 | 1093 | 1078 | 1060 | 1039 | 1016 | 991 | 961 | 930 | 899 | 868 | 839 | 813 | 790 | 771 | 755 | 748 |
| 30 | 1204 | 1200 | 1190 | 1174 | 1151 | 1123 | 1089 | 1049 | 1004 | 947 | 888 | 827 | 769 | 716 | 671 | 633 | 603 | 581 | 577 |
| 35 | 1275 | 1272 | 1259 | 1236 | 1200 | 1151 | 1093 | 1026 | 951 | 857 | 760 | 664 | 573 | 500 | 445 | 402 | 371 | 352 | 351 |
| 40 | 1271 | 1273 | 1260 | 1232 | 1175 | 1092 | 996 | 890 | 778 | 661 | 546 | 438 | 342 | 273 | 233 | 209 | 196 | 194 | 195 |
| 45 | 1082 | 1093 | 1089 | 1065 | 996 | 884 | 758 | 626 | 497 | 404 | 321 | 251 | 194 | 155 | 134 | 123 | 120 | 123 | 123 |
| 50 | 716 | 730 | 731 | 717 | 663 | 573 | 473 | 370 | 273 | 219 | 177 | 145 | 122 | 107 | 96.5 | 91.6 | 90.5 | 92.0 | 91.8 |
| 55 | 395 | 400 | 397 | 386 | 356 | 307 | 254 | 201 | 152 | 127 | 109 | 96.2 | 88.0 | 81.8 | 76.8 | 73.9 | 72.5 | 72.4 | 72.2 |
| 60 | 220 | 222 | 219 | 213 | 198 | 175 | 149 | 124 | 100 | 88.2 | 79.4 | 73.2 | 69.0 | 65.7 | 62.9 | 61.1 | 60.1 | 59.7 | 59.6 |
| 65 | 133 | 133 | 132 | 128 | 121 | 109 | 97.0 | 84.5 | 72.8 | 66.7 | 62.1 | 58.7 | 56.3 | 54.3 | 52.6 | 51.3 | 50.5 | 50.0 | 49.9 |
| 70 | 86.2 | 86.2 | 85.2 | 83.2 | 79.2 | 73.4 | 67.1 | 60.8 | 54.9 | 51.6 | 49.1 | 47.1 | 45.6 | 44.2 | 42.9 | 41.9 | 41.1 | 40.6 | 40.5 |
| 75 | 57.0 | 56.7 | 56.0 | 54.8 | 52.6 | 49.6 | 46.3 | 43.1 | 40.0 | 38.1 | 36.6 | 35.4 | 34.4 | 33.5 | 32.7 | 32.1 | 31.6 | 31.3 | 31.1 |
| 80 | 33.7 | 33.8 | 33.6 | 33.2 | 32.2 | 30.6 | 28.8 | 27.1 | 25.5 | 24.5 | 23.8 | 23.3 | 22.8 | 22.4 | 21.9 | 21.5 | 21.2 | 20.9 | 20.7 |
| 85 | 13.5 | 13.5 | 13.4 | 13.3 | 13.0 | 12.6 | 12.2 | 11.7 | 11.3 | 11.1 | 11.0 | 10.8 | 10.7 | 10.6 | 10.5 | 10.3 | 10.2 | 10.1 | 9.98 |
| 90 | 0.35 | 0.33 | 0.31 | 0.30 | 0.29 | 0.29 | 0.29 | 0.30 | 0.30 | 0.29 | 0.29 | 0.28 | 0.29 | 0.31 | 0.35 | 0.40 | 0.45 | 0.50 | 0.52 |
| 95 | 246 | 257 | 271 | 286 | 301 | 313 | 322 | 325 | 321 | 297 | 266 | 230 | 192 | 156 | 124 | 93.8 | 67.3 | 45.4 | 36.1 |
| 100 | 1465 | 1415 | 1351 | 1277 | 1201 | 1125 | 1047 | 966 | 884 | 803 | 721 | 639 | 558 | 473 | 387 | 306 | 231 | 165 | 122 |
| 105 | 2163 | 2106 | 2033 | 1948 | 1862 | 1778 | 1688 | 1593 | 1493 | 1384 | 1271 | 1154 | 1034 | 908 | 777 | 648 | 525 | 410 | 313 |
| 110 | 2858 | 2802 | 2727 | 2639 | 2546 | 2449 | 2345 | 2232 | 2111 | 1982 | 1846 | 1703 | 1556 | 1399 | 1235 | 1072 | 912 | 757 | 614 |
| 115 | 3487 | 3429 | 3351 | 3257 | 3157 | 3052 | 2938 | 2814 | 2681 | 2540 | 2391 | 2235 | 2071 | 1898 | 1717 | 1533 | 1350 | 1170 | 997 |
| 120 | 4017 | 3958 | 3879 | 3784 | 3683 | 3577 | 3461 | 3335 | 3198 | 3047 | 2886 | 2718 | 2542 | 2360 | 2171 | 1980 | 1789 | 1599 | 1411 |
| 125 | 4450 | 4395 | 4321 | 4231 | 4132 | 4027 | 3911 | 3783 | 3644 | 3488 | 3323 | 3150 | 2969 | 2783 | 2592 | 2399 | 2205 | 2012 | 1818 |
| 130 | 4799 | 4749 | 4681 | 4596 | 4500 | 4394 | 4275 | 4146 | 4005 | 3851 | 3688 | 3518 | 3340 | 3158 | 2971 | 2781 | 2590 | 2399 | 2206 |
| 135 | 5064 | 5018 | 4954 | 4874 | 4780 | 4675 | 4557 | 4428 | 4288 | 4140 | 3983 | 3819 | 3649 | 3474 | 3295 | 3114 | 2931 | 2748 | 2562 |
| 140 | 5231 | 5194 | 5141 | 5072 | 4986 | 4883 | 4768 | 4641 | 4504 | 4361 | 4210 | 4054 | 3893 | 3729 | 3562 | 3394 | 3224 | 3053 | 2877 |
| 145 | 5312 | 5279 | 5232 | 5170 | 5093 | 5001 | 4897 | 4782 | 4658 | 4525 | 4385 | 4240 | 4090 | 3939 | 3787 | 3633 | 3479 | 3324 | 3163 |
| 150 | 5312 | 5285 | 5246 | 5194 | 5128 | 5047 | 4956 | 4855 | 4745 | 4627 | 4503 | 4374 | 4242 | 4107 | 3972 | 3836 | 3699 | 3561 | 3418 |
| 155 | 5244 | 5223 | 5192 | 5150 | 5095 | 5029 | 4953 | 4869 | 4777 | 4678 | 4573 | 4463 | 4350 | 4236 | 4122 | 4006 | 3889 | 3772 | 3647 |
| 160 | 5121 | 5104 | 5079 | 5045 | 5003 | 4952 | 4893 | 4828 | 4756 | 4676 | 4592 | 4503 | 4412 | 4321 | 4232 | 4141 | 4048 | 3953 | 3848 |
| 165 | 4949 | 4937 | 4919 | 4894 | 4863 | 4826 | 4783 | 4736 | 4683 | 4625 | 4564 | 4499 | 4432 | 4365 | 4299 | 4230 | 4160 | 4087 | 4005 |
| 170 | 4740 | 4733 | 4722 | 4707 | 4687 | 4663 | 4636 | 4605 | 4571 | 4534 | 4494 | 4451 | 4408 | 4364 | 4321 | 4276 | 4230 | 4181 | 4123 |
| 175 | 4498 | 4496 | 4492 | 4486 | 4477 | 4466 | 4453 | 4438 | 4422 | 4403 | 4383 | 4362 | 4341 | 4322 | 4304 | 4286 | 4265 | 4242 | 4208 |
| 180 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 620*160*28 | SERIAL No.: |
| MFR.: | SUR.:0.4*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 | 882 | 882 | 882 | 881 | 881 | 881 | 881 | 881 | 881 | 881 | 881 | 880 | 880 | 880 | 880 | 880 | 879 | 879 | 879 |
| 5 | 885 | 883 | 881 | 879 | 878 | 877 | 875 | 874 | 873 | 871 | 870 | 868 | 867 | 866 | 866 | 865 | 864 | 864 | 863 |
| 10 | 877 | 874 | 872 | 869 | 868 | 866 | 865 | 864 | 864 | 864 | 865 | 865 | 865 | 864 | 864 | 863 | 863 | 862 | 862 |
| 15 | 861 | 857 | 853 | 852 | 852 | 854 | 856 | 858 | 858 | 859 | 859 | 860 | 860 | 861 | 861 | 862 | 861 | 859 | 857 |
| 20 | 829 | 823 | 818 | 817 | 820 | 824 | 829 | 834 | 836 | 838 | 839 | 841 | 843 | 847 | 850 | 852 | 854 | 853 | 850 |
| 25 | 746 | 746 | 750 | 757 | 766 | 775 | 785 | 794 | 798 | 800 | 802 | 803 | 804 | 806 | 808 | 810 | 811 | 811 | 811 |
| 30 | 581 | 592 | 608 | 630 | 654 | 679 | 702 | 720 | 723 | 720 | 714 | 706 | 699 | 693 | 687 | 683 | 680 | 686 | 693 |
| 35 | 360 | 377 | 401 | 431 | 464 | 498 | 527 | 551 | 552 | 545 | 533 | 517 | 501 | 484 | 469 | 456 | 448 | 459 | 473 |
| 40 | 203 | 216 | 233 | 257 | 285 | 311 | 335 | 353 | 351 | 341 | 328 | 312 | 295 | 279 | 265 | 255 | 248 | 258 | 271 |
| 45 | 126 | 132 | 140 | 152 | 168 | 184 | 198 | 208 | 205 | 198 | 188 | 177 | 167 | 158 | 151 | 145 | 142 | 147 | 154 |
| 50 | 92.9 | 95.2 | 98.6 | 104 | 110 | 116 | 121 | 125 | 123 | 120 | 115 | 110 | 106 | 104 | 102 | 101 | 99.9 | 101 | 102 |
| 55 | 72.6 | 73.4 | 74.5 | 75.7 | 76.7 | 77.7 | 78.4 | 78.9 | 77.9 | 76.7 | 75.5 | 74.4 | 74.4 | 75.4 | 76.6 | 77.8 | 78.7 | 77.8 | 76.7 |
| 60 | 59.9 | 60.3 | 61.0 | 61.5 | 61.9 | 62.3 | 62.5 | 62.6 | 62.2 | 61.7 | 61.2 | 61.0 | 61.6 | 62.9 | 64.3 | 65.5 | 66.4 | 65.7 | 64.5 |
| 65 | 50.0 | 50.3 | 50.7 | 51.3 | 51.9 | 52.4 | 52.9 | 53.2 | 52.9 | 52.5 | 52.1 | 51.9 | 52.2 | 53.2 | 54.2 | 55.1 | 55.8 | 55.3 | 54.4 |
| 70 | 40.5 | 40.7 | 41.0 | 41.5 | 42.0 | 42.6 | 43.1 | 43.5 | 43.4 | 43.2 | 42.9 | 42.7 | 42.9 | 43.3 | 43.7 | 44.2 | 44.5 | 44.3 | 43.9 |
| 75 | 31.0 | 31.0 | 31.1 | 31.3 | 31.6 | 31.9 | 32.2 | 32.5 | 32.5 | 32.4 | 32.3 | 32.2 | 32.1 | 32.1 | 32.0 | 32.0 | 32.0 | 32.1 | 32.2 |
| 80 | 20.5 | 20.4 | 20.4 | 20.4 | 20.6 | 20.7 | 20.9 | 21.0 | 21.1 | 21.1 | 21.0 | 21.0 | 20.8 | 20.7 | 20.5 | 20.4 | 20.3 | 20.5 | 20.7 |
| 85 | 9.88 | 9.80 | 9.75 | 9.77 | 9.87 | 9.98 | 10.1 | 10.2 | 10.2 | 10.1 | 10.0 | 9.95 | 9.86 | 9.77 | 9.70 | 9.66 | 9.65 | 9.74 | 9.86 |
| 90 | 0.54 | 0.56 | 0.58 | 0.61 | 0.65 | 0.70 | 0.76 | 0.83 | 0.95 | 1.08 | 1.20 | 1.31 | 1.37 | 1.37 | 1.36 | 1.35 | 1.34 | 1.41 | 1.48 |
| 95 | 31.3 | 29.9 | 30.7 | 30.9 | 30.0 | 29.3 | 28.9 | 28.5 | 27.5 | 26.6 | 25.5 | 24.5 | 23.3 | 21.9 | 20.7 | 19.8 | 19.2 | 19.8 | 20.8 |
| 100 | 88.8 | 64.6 | 48.0 | 37.7 | 32.5 | 31.1 | 32.2 | 34.7 | 33.3 | 32.0 | 30.7 | 29.5 | 28.2 | 26.8 | 25.5 | 24.6 | 24.1 | 24.7 | 25.7 |
| 105 | 228 | 156 | 98.2 | 61.4 | 44.7 | 38.5 | 39.6 | 44.8 | 41.9 | 39.8 | 38.3 | 37.4 | 36.1 | 34.5 | 33.1 | 32.1 | 31.6 | 32.4 | 33.6 |
| 110 | 483 | 365 | 262 | 186 | 136 | 100 | 76.7 | 63.0 | 52.1 | 46.7 | 45.4 | 46.6 | 46.5 | 44.4 | 42.8 | 41.8 | 41.5 | 42.3 | 43.7 |
| 115 | 833 | 679 | 538 | 417 | 315 | 230 | 160 | 107 | 80.7 | 67.0 | 62.9 | 65.1 | 65.3 | 61.7 | 59.4 | 58.3 | 58.4 | 57.5 | 58.1 |
| 120 | 1228 | 1053 | 889 | 741 | 610 | 494 | 392 | 305 | 238 | 185 | 143 | 113 | 91.5 | 78.2 | 71.9 | 71.6 | 76.0 | 75.0 | 79.2 |
| 125 | 1628 | 1445 | 1270 | 1111 | 967 | 837 | 719 | 614 | 526 | 450 | 387 | 335 | 294 | 263 | 243 | 233 | 234 | 242 | 262 |
| 130 | 2017 | 1833 | 1657 | 1495 | 1347 | 1211 | 1088 | 978 | 883 | 802 | 733 | 675 | 627 | 589 | 562 | 547 | 546 | 559 | 586 |
| 135 | 2379 | 2202 | 2031 | 1873 | 1728 | 1594 | 1472 | 1362 | 1270 | 1190 | 1123 | 1066 | 1019 | 980 | 952 | 937 | 935 | 950 | 978 |
| 140 | 2704 | 2535 | 2373 | 2224 | 2090 | 1966 | 1853 | 1752 | 1666 | 1590 | 1526 | 1472 | 1426 | 1389 | 1363 | 1349 | 1347 | 1363 | 1391 |
| 145 | 3005 | 2851 | 2704 | 2568 | 2445 | 2332 | 2229 | 2137 | 2057 | 1987 | 1927 | 1877 | 1835 | 1800 | 1775 | 1761 | 1759 | 1774 | 1801 |
| 150 | 3277 | 3139 | 3008 | 2887 | 2779 | 2679 | 2588 | 2506 | 2434 | 2371 | 2317 | 2271 | 2232 | 2199 | 2176 | 2163 | 2160 | 2175 | 2200 |
| 155 | 3524 | 3404 | 3289 | 3184 | 3090 | 3005 | 2926 | 2856 | 2793 | 2737 | 2689 | 2648 | 2613 | 2585 | 2566 | 2555 | 2554 | 2566 | 2588 |
| 160 | 3743 | 3641 | 3541 | 3452 | 3373 | 3300 | 3235 | 3176 | 3123 | 3077 | 3038 | 3004 | 2975 | 2952 | 2935 | 2925 | 2924 | 2935 | 2955 |
| 165 | 3923 | 3841 | 3763 | 3692 | 3630 | 3573 | 3521 | 3475 | 3433 | 3396 | 3365 | 3338 | 3316 | 3299 | 3287 | 3281 | 3281 | 3290 | 3305 |
| 170 | 4064 | 4006 | 3949 | 3898 | 3855 | 3815 | 3779 | 3747 | 3719 | 3694 | 3673 | 3656 | 3642 | 3630 | 3623 | 3620 | 3620 | 3626 | 3636 |
| 175 | 4171 | 4135 | 4100 | 4070 | 4046 | 4025 | 4007 | 3992 | 3979 | 3969 | 3961 | 3954 | 3948 | 3942 | 3937 | 3935 | 3935 | 3939 | 3946 |
| 180 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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:229.64V I:0.4348A P:98.446W PF:0.9860 Freq:49.99Hz Lamp Flux:13871.5x1 lm | | | | | | | | | | | | | | | | | |
| NAME: | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: 620*160*28 | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.:0.4*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 | 878 | 878 | 878 | 877 | 877 | 876 | 876 | 876 | 876 | 876 | 877 | 877 | 878 | 879 | 881 | | | | |
| 5 | 862 | 862 | 861 | 861 | 861 | 861 | 862 | 862 | 862 | 863 | 864 | 865 | 867 | 868 | 871 | | | | |
| 10 | 861 | 860 | 858 | 855 | 852 | 849 | 846 | 843 | 841 | 840 | 839 | 841 | 843 | 847 | 852 | | | | |
| 15 | 854 | 851 | 847 | 844 | 840 | 836 | 833 | 829 | 825 | 822 | 820 | 820 | 821 | 825 | 830 | | | | |
| 20 | 847 | 842 | 836 | 829 | 821 | 813 | 805 | 797 | 790 | 783 | 778 | 775 | 774 | 775 | 777 | | | | |
| 25 | 809 | 806 | 800 | 790 | 778 | 765 | 750 | 731 | 712 | 693 | 677 | 666 | 661 | 659 | 661 | | | | |
| 30 | 699 | 703 | 702 | 694 | 681 | 665 | 644 | 611 | 577 | 542 | 510 | 486 | 471 | 461 | 457 | | | | |
| 35 | 488 | 503 | 510 | 508 | 502 | 490 | 472 | 438 | 401 | 363 | 326 | 298 | 280 | 267 | 260 | | | | |
| 40 | 286 | 300 | 309 | 312 | 311 | 306 | 295 | 272 | 246 | 218 | 192 | 172 | 159 | 151 | 147 | | | | |
| 45 | 162 | 170 | 176 | 178 | 179 | 178 | 174 | 163 | 151 | 137 | 125 | 115 | 109 | 105 | 104 | | | | |
| 50 | 104 | 106 | 108 | 109 | 110 | 111 | 110 | 106 | 102 | 96.5 | 91.6 | 87.8 | 85.5 | 84.0 | 83.2 | | | | |
| 55 | 75.5 | 74.3 | 73.8 | 74.0 | 74.4 | 74.7 | 74.9 | 74.1 | 73.2 | 72.2 | 71.1 | 70.3 | 69.7 | 69.2 | 68.9 | | | | |
| 60 | 63.2 | 61.9 | 61.2 | 61.2 | 61.3 | 61.4 | 61.5 | 61.1 | 60.5 | 60.0 | 59.4 | 59.0 | 58.7 | 58.5 | 58.4 | | | | |
| 65 | 53.5 | 52.6 | 52.2 | 52.3 | 52.5 | 52.8 | 52.9 | 52.4 | 51.8 | 51.2 | 50.6 | 50.2 | 50.0 | 49.9 | 49.9 | | | | |
| 70 | 43.6 | 43.2 | 43.2 | 43.4 | 43.6 | 43.8 | 43.9 | 43.4 | 42.9 | 42.2 | 41.6 | 41.2 | 41.1 | 41.0 | 41.1 | | | | |
| 75 | 32.3 | 32.4 | 32.6 | 32.8 | 33.1 | 33.2 | 33.3 | 32.9 | 32.5 | 32.1 | 31.7 | 31.5 | 31.6 | 31.7 | 31.9 | | | | |
| 80 | 20.9 | 21.1 | 21.3 | 21.5 | 21.7 | 21.8 | 21.8 | 21.7 | 21.5 | 21.3 | 21.1 | 21.1 | 21.2 | 21.4 | 21.7 | | | | |
| 85 | 10.0 | 10.2 | 10.4 | 10.5 | 10.7 | 10.9 | 11.0 | 10.9 | 10.8 | 10.8 | 10.7 | 10.7 | 10.7 | 10.8 | 11.0 | | | | |
| 90 | 1.55 | 1.61 | 1.63 | 1.60 | 1.55 | 1.49 | 1.43 | 1.36 | 1.30 | 1.24 | 1.18 | 1.13 | 1.09 | 1.05 | 1.02 | | | | |
| 95 | 22.0 | 23.3 | 24.5 | 25.4 | 26.3 | 27.1 | 27.9 | 27.3 | 27.1 | 27.6 | 29.4 | 33.4 | 40.0 | 48.4 | 58.6 | | | | |
| 100 | 27.0 | 28.5 | 29.9 | 31.0 | 32.2 | 33.6 | 35.0 | 30.1 | 27.5 | 29.1 | 37.1 | 57.0 | 89.8 | 132 | 184 | | | | |
| 105 | 35.2 | 37.0 | 37.7 | 37.5 | 38.4 | 41.1 | 46.2 | 46.3 | 52.7 | 68.5 | 97.1 | 147 | 219 | 309 | 417 | | | | |
| 110 | 45.6 | 48.1 | 46.9 | 43.2 | 43.5 | 50.4 | 66.1 | 95.8 | 138 | 196 | 269 | 362 | 477 | 610 | 761 | | | | |
| 115 | 60.8 | 66.3 | 70.2 | 74.5 | 87.4 | 112 | 153 | 226 | 316 | 424 | 548 | 685 | 835 | 1000 | 1179 | | | | |
| 120 | 90.3 | 110 | 140 | 183 | 239 | 307 | 391 | 496 | 616 | 750 | 897 | 1055 | 1225 | 1406 | 1600 | | | | |
| 125 | 292 | 333 | 386 | 451 | 529 | 619 | 723 | 845 | 980 | 1126 | 1285 | 1452 | 1628 | 1814 | 2011 | | | | |
| 130 | 625 | 676 | 737 | 809 | 892 | 988 | 1097 | 1225 | 1364 | 1515 | 1677 | 1846 | 2022 | 2207 | 2402 | | | | |
| 135 | 1019 | 1071 | 1132 | 1203 | 1285 | 1379 | 1485 | 1610 | 1747 | 1894 | 2051 | 2216 | 2386 | 2565 | 2752 | | | | |
| 140 | 1431 | 1482 | 1541 | 1608 | 1686 | 1775 | 1876 | 1993 | 2121 | 2258 | 2405 | 2558 | 2716 | 2881 | 3054 | | | | |
| 145 | 1838 | 1886 | 1941 | 2004 | 2076 | 2158 | 2251 | 2358 | 2475 | 2601 | 2735 | 2874 | 3017 | 3168 | 3324 | | | | |
| 150 | 2236 | 2281 | 2332 | 2390 | 2456 | 2531 | 2614 | 2710 | 2814 | 2925 | 3043 | 3166 | 3293 | 3426 | 3565 | | | | |
| 155 | 2619 | 2658 | 2703 | 2754 | 2812 | 2878 | 2951 | 3035 | 3126 | 3223 | 3325 | 3432 | 3541 | 3655 | 3774 | | | | |
| 160 | 2981 | 3015 | 3054 | 3097 | 3146 | 3202 | 3263 | 3334 | 3411 | 3492 | 3578 | 3666 | 3757 | 3851 | 3948 | | | | |
| 165 | 3326 | 3353 | 3384 | 3419 | 3459 | 3503 | 3553 | 3608 | 3668 | 3732 | 3799 | 3867 | 3937 | 4009 | 4083 | | | | |
| 170 | 3650 | 3668 | 3689 | 3714 | 3743 | 3775 | 3811 | 3850 | 3893 | 3937 | 3984 | 4032 | 4080 | 4129 | 4179 | | | | |
| 175 | 3955 | 3966 | 3979 | 3992 | 4008 | 4025 | 4044 | 4065 | 4087 | 4111 | 4136 | 4161 | 4187 | 4213 | 4240 | | | | |
| 180 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | 4267 | | | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:
Test Date:2024-08-26

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: