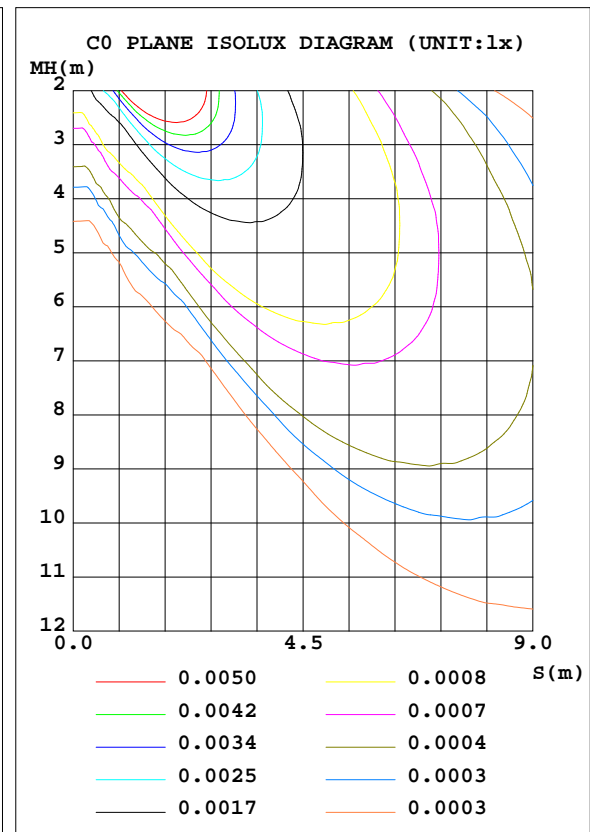
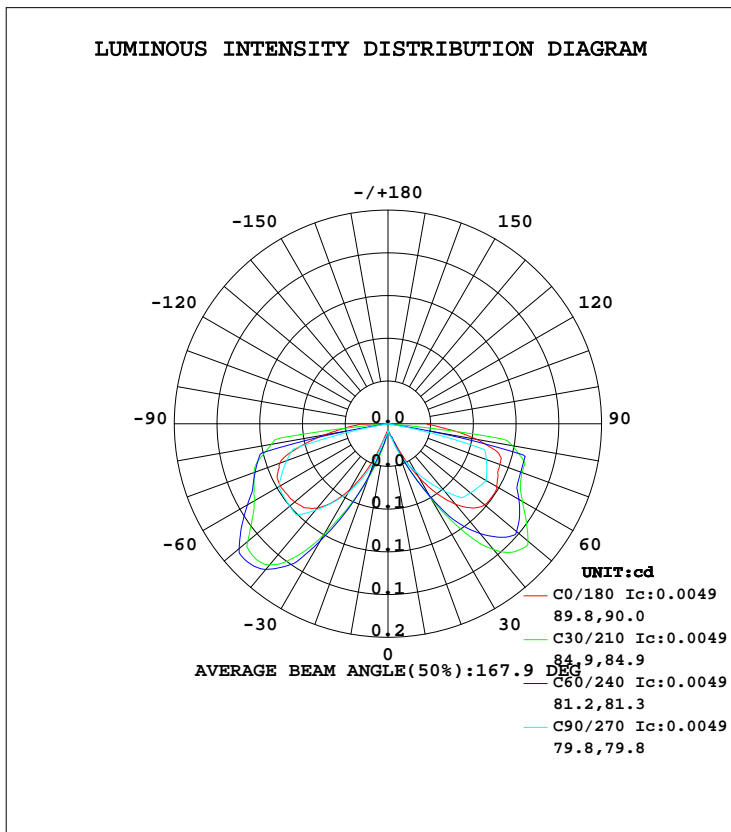


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 12.36 lm/W | | | |
|------------------|--------------|----------------------------------|--------|--------------------|---------|
| MODEL | 489886-2700K | I _{max} (cd) | 0.1555 | S/MH(C0/180) | 5.20 |
| NOMINAL POWER(W) | 0.8 | LOR(%) | 4.6 | S/MH(C90/270) | 5.28 |
| RATED VOLTAGE(V) | 12 | TOTAL FLUX(lm) | 0.4635 | η UP, DN(C0-180) | 0.0,2.2 |
| NOMINAL FLUX(lm) | 10 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0,2.4 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 12 | η down(%) | 4.6 | CIBSE SHR MAX | 0.90 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|--------|---------|-----------|
| 5 | 0.0051 | 0.0061 | 0.0067 | 0.0063 | 0.0054 | 0.0073 | 0.0072 | 0.0064 | 0- 5 | 0.0001 | 0.0001 | 0.03,0.00 |
| 10 | 0.0071 | 0.0079 | 0.0086 | 0.0091 | 0.0067 | 0.0133 | 0.0095 | 0.0089 | 5- 10 | 0.0006 | 0.0007 | 0.15,0.01 |
| 15 | 0.0103 | 0.0099 | 0.0105 | 0.0152 | 0.0106 | 0.0242 | 0.0117 | 0.0157 | 10- 15 | 0.0014 | 0.0021 | 0.45,0.02 |
| 20 | 0.0143 | 0.0142 | 0.0198 | 0.0261 | 0.0211 | 0.0417 | 0.0265 | 0.0279 | 15- 20 | 0.0033 | 0.0053 | 1.15,0.05 |
| 25 | 0.0262 | 0.0370 | 0.0291 | 0.0503 | 0.0372 | 0.0690 | 0.0412 | 0.0545 | 20- 25 | 0.0074 | 0.0128 | 2.76,0.13 |
| 30 | 0.0434 | 0.0669 | 0.0385 | 0.0783 | 0.0531 | 0.0999 | 0.0560 | 0.0876 | 25- 30 | 0.0143 | 0.0271 | 5.84,0.27 |
| 35 | 0.0598 | 0.0997 | 0.0502 | 0.1048 | 0.0668 | 0.1302 | 0.0676 | 0.1216 | 30- 35 | 0.0234 | 0.0505 | 10.9,0.51 |
| 40 | 0.0739 | 0.1272 | 0.0618 | 0.1236 | 0.0775 | 0.1512 | 0.0792 | 0.1504 | 35- 40 | 0.0330 | 0.0835 | 18,0.83 |
| 45 | 0.0837 | 0.1305 | 0.0735 | 0.1218 | 0.0834 | 0.1460 | 0.0909 | 0.1509 | 40- 45 | 0.0408 | 0.1243 | 26.8,1.24 |
| 50 | 0.0885 | 0.1274 | 0.0756 | 0.1155 | 0.0854 | 0.1358 | 0.0901 | 0.1457 | 45- 50 | 0.0458 | 0.1701 | 36.7,1.7 |
| 55 | 0.0892 | 0.1204 | 0.0776 | 0.1080 | 0.0865 | 0.1244 | 0.0893 | 0.1368 | 50- 55 | 0.0475 | 0.2176 | 46.9,2.18 |
| 60 | 0.0881 | 0.1121 | 0.0797 | 0.1047 | 0.0873 | 0.1171 | 0.0885 | 0.1230 | 55- 60 | 0.0479 | 0.2655 | 57.3,2.66 |
| 65 | 0.0853 | 0.1049 | 0.0766 | 0.1049 | 0.0858 | 0.1108 | 0.0821 | 0.1111 | 60- 65 | 0.0478 | 0.3134 | 67.6,3.13 |
| 70 | 0.0835 | 0.1011 | 0.0735 | 0.1035 | 0.0808 | 0.1052 | 0.0756 | 0.1036 | 65- 70 | 0.0476 | 0.3609 | 77.9,3.61 |
| 75 | 0.0805 | 0.1011 | 0.0704 | 0.0955 | 0.0653 | 0.1011 | 0.0692 | 0.0995 | 70- 75 | 0.0469 | 0.4078 | 88,4.08 |
| 80 | 0.0632 | 0.0811 | 0 | 0.0694 | 0.0452 | 0.0785 | 0 | 0.0765 | 75- 80 | 0.0381 | 0.4459 | 96.2,4.46 |
| 85 | 0.0413 | 0 | 0 | 0 | 0.0282 | 0 | 0 | 0 | 80- 85 | 0.0151 | 0.4610 | 99.4,4.61 |
| 90 | 0.0271 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85- 90 | 0.0026 | 0.4635 | 100,4.64 |
| 95 | | | | | | | | | 90- 95 | | | |
| 100 | | | | | | | | | 95-100 | | | |
| 105 | | | | | | | | | 100-105 | | | |
| 110 | | | | | | | | | 105-110 | | | |
| 115 | | | | | | | | | 110-115 | | | |
| 120 | | | | | | | | | 115-120 | | | |
| 125 | | | | | | | | | 120-125 | | | |
| 130 | | | | | | | | | 125-130 | | | |
| 135 | | | | | | | | | 130-135 | | | |
| 140 | | | | | | | | | 135-140 | | | |
| 145 | | | | | | | | | 140-145 | | | |
| 150 | | | | | | | | | 145-150 | | | |
| 155 | | | | | | | | | 150-155 | | | |
| 160 | | | | | | | | | 155-160 | | | |
| 165 | | | | | | | | | 160-165 | | | |
| 170 | | | | | | | | | 165-170 | | | |
| 175 | | | | | | | | | 170-175 | | | |
| 180 | | | | | | | | | 175-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | UNIT:lm | | | |

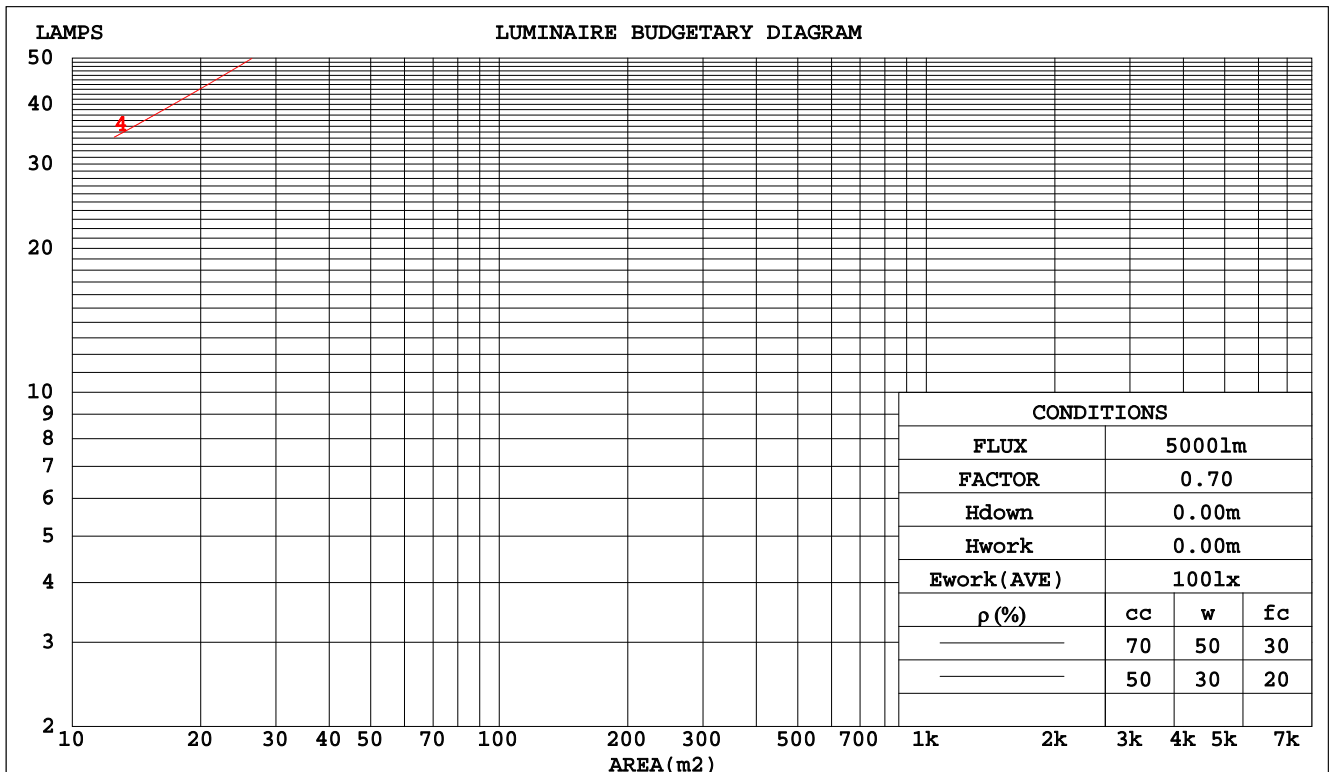
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION 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 | .06 | .06 | .06 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 | .05 |
| 1.0 | .05 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .04 | .03 |
| 2.0 | .04 | .03 | .03 | .04 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 | .03 |
| 3.0 | .03 | .03 | .02 | .03 | .03 | .02 | .03 | .02 | .02 | .03 | .02 | .02 | .03 | .02 | .02 | .02 |
| 4.0 | .03 | .02 | .02 | .03 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 | .02 |
| 5.0 | .02 | .02 | .01 | .02 | .02 | .01 | .02 | .02 | .01 | .02 | .02 | .01 | .02 | .02 | .01 | .01 |
| 6.0 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .01 |
| 7.0 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .01 |
| 8.0 | .02 | .01 | .01 | .02 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| 9.0 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 |
| 10.0 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | .00 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .020 | .011 | .004 | .019 | .011 | .004 | .019 | .011 | .003 | .018 | .010 | .003 | .018 | .010 | .003 | |
| 2.0 | .018 | .010 | .003 | .018 | .010 | .003 | .017 | .009 | .003 | .017 | .009 | .003 | .016 | .009 | .003 | |
| 3.0 | .016 | .009 | .003 | .016 | .008 | .003 | .015 | .008 | .003 | .015 | .008 | .002 | .014 | .008 | .002 | |
| 4.0 | .015 | .008 | .002 | .014 | .007 | .002 | .014 | .007 | .002 | .013 | .007 | .002 | .013 | .007 | .002 | |
| 5.0 | .013 | .007 | .002 | .013 | .007 | .002 | .012 | .007 | .002 | .012 | .006 | .002 | .012 | .006 | .002 | |
| 6.0 | .012 | .006 | .002 | .012 | .006 | .002 | .011 | .006 | .002 | .011 | .006 | .002 | .011 | .006 | .002 | |
| 7.0 | .011 | .005 | .002 | .011 | .005 | .002 | .010 | .005 | .002 | .010 | .005 | .002 | .010 | .005 | .002 | |
| 8.0 | .010 | .005 | .001 | .010 | .005 | .001 | .010 | .005 | .001 | .009 | .005 | .001 | .009 | .005 | .001 | |
| 9.0 | .009 | .005 | .001 | .009 | .004 | .001 | .009 | .004 | .001 | .009 | .004 | .001 | .008 | .004 | .001 | |
| 10.0 | .009 | .004 | .001 | .009 | .004 | .001 | .008 | .004 | .001 | .008 | .004 | .001 | .008 | .004 | .001 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .009 | .009 | .009 | .008 | .008 | .008 | .005 | .005 | .005 | .003 | .003 | .003 | .001 | .001 | .001 | |
| 1.0 | .009 | .007 | .006 | .007 | .006 | .005 | .005 | .004 | .003 | .003 | .002 | .002 | .001 | .001 | .001 | |
| 2.0 | .009 | .006 | .004 | .007 | .005 | .003 | .005 | .004 | .002 | .003 | .002 | .001 | .001 | .001 | .000 | |
| 3.0 | .008 | .005 | .003 | .007 | .005 | .003 | .005 | .003 | .002 | .003 | .002 | .001 | .001 | .001 | .000 | |
| 4.0 | .008 | .005 | .002 | .007 | .004 | .002 | .005 | .003 | .001 | .003 | .002 | .001 | .001 | .001 | .000 | |
| 5.0 | .008 | .004 | .002 | .007 | .004 | .002 | .005 | .003 | .001 | .003 | .002 | .001 | .001 | .000 | .000 | |
| 6.0 | .007 | .004 | .002 | .006 | .003 | .001 | .004 | .002 | .001 | .003 | .001 | .001 | .001 | .000 | .000 | |
| 7.0 | .007 | .004 | .001 | .006 | .003 | .001 | .004 | .002 | .001 | .002 | .001 | .000 | .001 | .000 | .000 | |
| 8.0 | .007 | .003 | .001 | .006 | .003 | .001 | .004 | .002 | .001 | .002 | .001 | .000 | .001 | .000 | .000 | |
| 9.0 | .006 | .003 | .001 | .005 | .003 | .001 | .004 | .002 | .001 | .002 | .001 | .000 | .001 | .000 | .000 | |
| 10.0 | .006 | .003 | .001 | .005 | .003 | .001 | .004 | .002 | .001 | .002 | .001 | .000 | .001 | .000 | .000 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | | | | | | | | | |
|--|------------------|------|-------|------|-------------------|----------------|------|-------------------|------|------|
| NAME: 489886-2700K | | | | | TYPE:489886-2700K | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | PROTECTION 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 | -10.5 | -8.6 | -10.2 | -8.3 | -8.1 | -11.0 | -9.1 | -10.7 | -8.9 | -8.6 |
| 3H | -7.8 | -6.0 | -7.5 | -5.8 | -5.5 | -8.4 | -6.6 | -8.1 | -6.4 | -6.1 |
| 4H | -6.3 | -4.6 | -5.9 | -4.3 | -4.0 | -7.0 | -5.3 | -6.7 | -5.0 | -4.7 |
| 6H | -4.9 | -3.3 | -4.6 | -3.0 | -2.7 | -6.8 | -5.1 | -6.4 | -4.9 | -4.6 |
| 8H | -4.3 | -2.8 | -4.0 | -2.5 | -2.2 | -6.8 | -5.3 | -6.5 | -5.0 | -4.6 |
| 12H | -3.8 | -2.3 | -3.4 | -2.0 | -1.6 | -6.9 | -5.4 | -6.5 | -5.1 | -4.7 |
| 4H 2H | -9.3 | -7.6 | -9.0 | -7.3 | -7.0 | -9.6 | -7.9 | -9.3 | -7.7 | -7.4 |
| 3H | -6.3 | -4.8 | -6.0 | -4.5 | -4.2 | -6.7 | -5.2 | -6.3 | -4.9 | -4.6 |
| 4H | -4.6 | -3.3 | -4.3 | -2.9 | -2.6 | -5.1 | -3.8 | -4.7 | -3.4 | -3.1 |
| 6H | -3.1 | -1.9 | -2.7 | -1.5 | -1.1 | -4.9 | -3.6 | -4.4 | -3.2 | -2.9 |
| 8H | -2.5 | -1.3 | -2.1 | -0.9 | -0.5 | -4.9 | -3.7 | -4.5 | -3.4 | -3.0 |
| 12H | -1.8 | -0.8 | -1.4 | -0.4 | 0.1 | -4.9 | -3.9 | -4.5 | -3.5 | -3.1 |
| 8H 4H | -3.7 | -2.5 | -3.3 | -2.2 | -1.8 | -4.0 | -2.9 | -3.6 | -2.5 | -2.1 |
| 6H | -1.8 | -0.8 | -1.3 | -0.4 | 0.0 | -3.6 | -2.7 | -3.2 | -2.2 | -1.8 |
| 8H | -0.9 | -0.0 | -0.4 | 0.4 | 0.9 | -3.7 | -2.8 | -3.2 | -2.4 | -1.9 |
| 12H | -0.1 | 0.7 | 0.4 | 1.1 | 1.6 | -3.7 | -2.9 | -3.2 | -2.5 | -2.0 |
| 12H 4H | -3.7 | -2.6 | -3.2 | -2.2 | -1.8 | -3.8 | -2.7 | -3.4 | -2.3 | -1.9 |
| 6H | -1.7 | -0.9 | -1.3 | -0.4 | 0.0 | -3.3 | -2.5 | -2.9 | -2.0 | -1.6 |
| 8H | -0.8 | -0.0 | -0.3 | 0.4 | 0.9 | -3.4 | -2.6 | -2.9 | -2.2 | -1.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.3 / - 0.3 | | | | | + 0.4 / - 0.4 | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.5 / - 0.9 | | | | |

CIE Pub.117 Corrected 10.00 lm Total Lamp Luminous Flux. (8log(F/F0) = -16.0)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

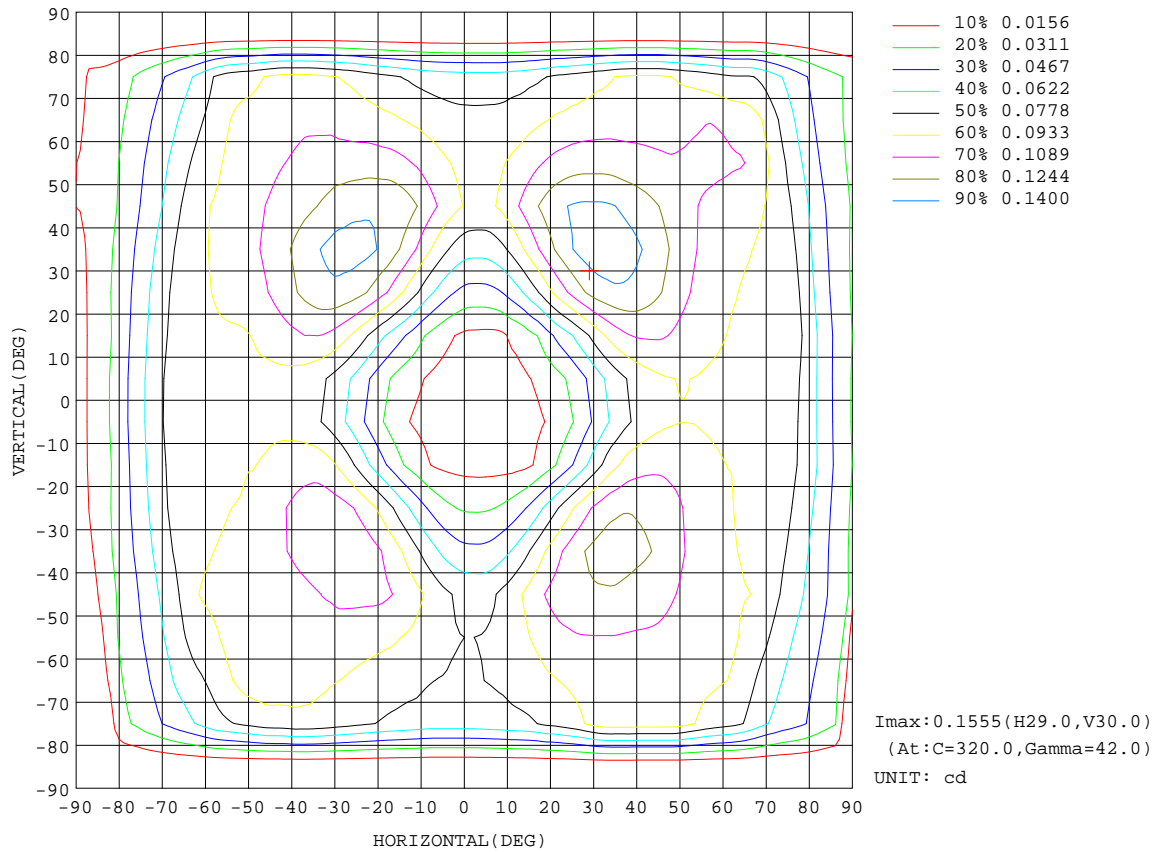
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| 0.80 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 1 |
| 1.00 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 |
| 1.25 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 |
| 1.50 | 4 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 2 |
| 2.00 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 2 |
| 2.50 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 3 | 3 |
| 3.00 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| 4.00 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 3 |
| 5.00 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 |
| 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: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

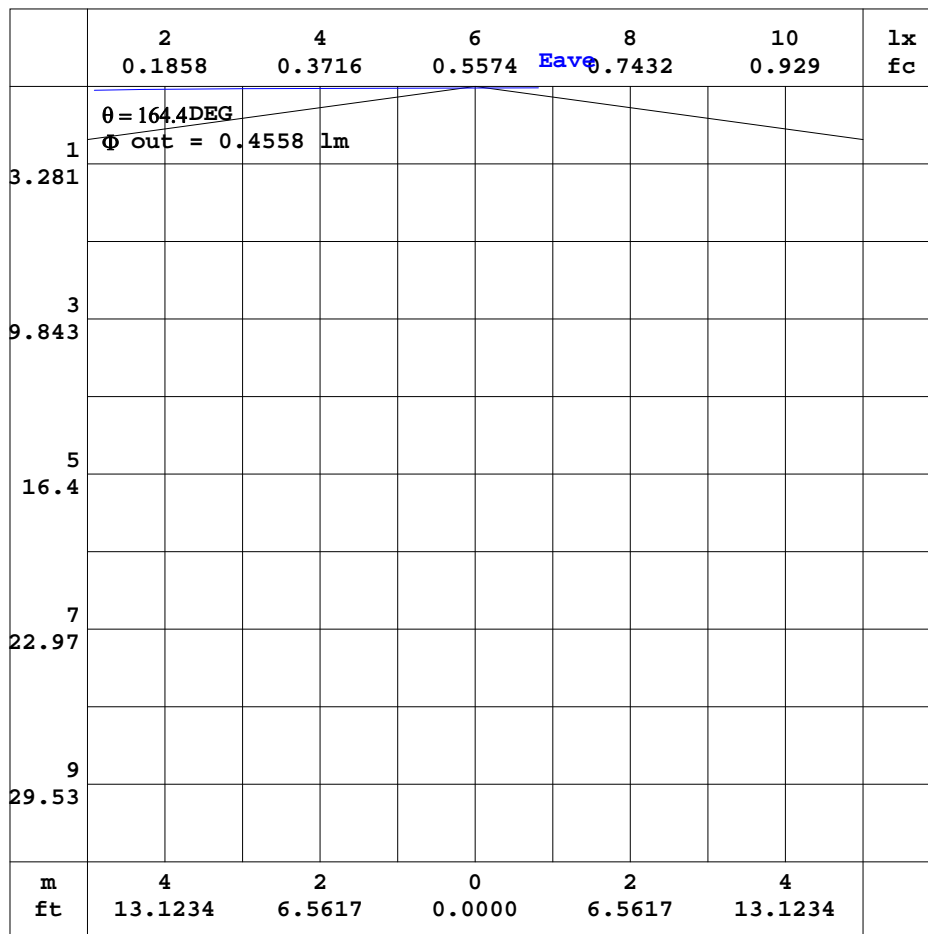


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

AAI CURVES

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



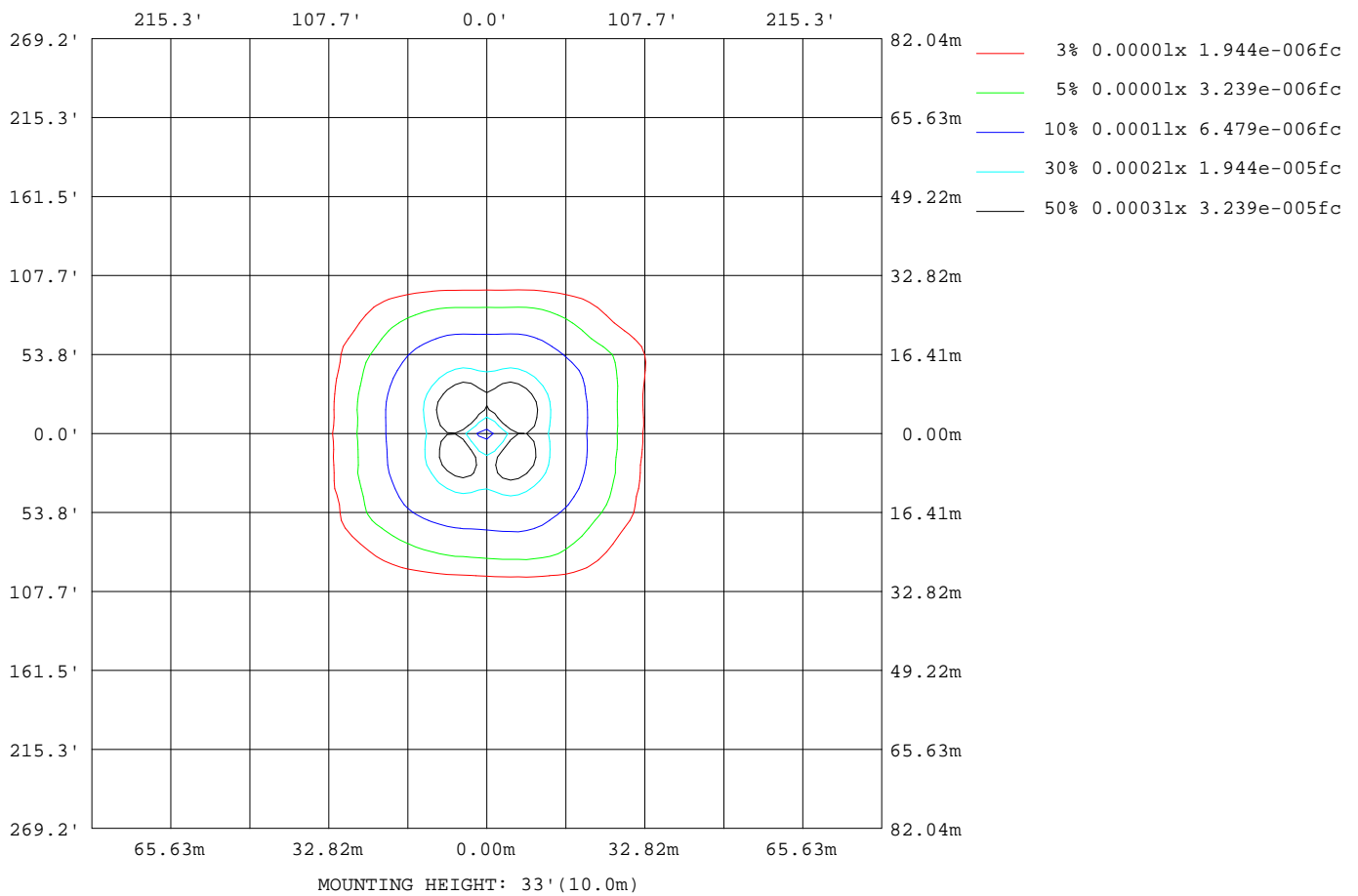
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

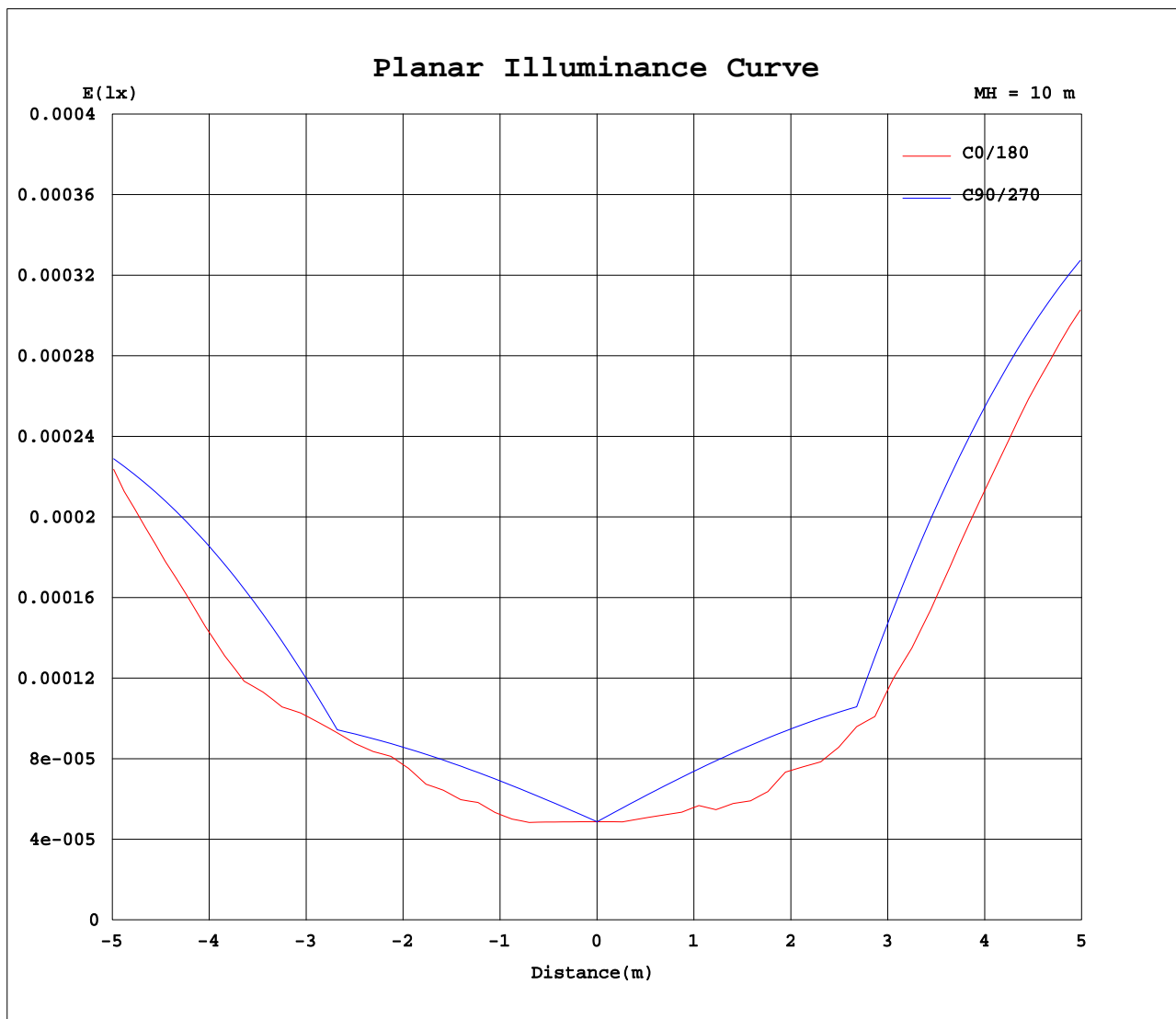
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 1 |
| L_0~180(75)av | 1 |
| L_0~180(85)av | 2 |
| L_90~270(65)av | 1 |
| L_90~270(75)av | 1 |
| L_90~270(85)av | 0 |
| L_45(65)av | 1 |
| L_45(75)av | 2 |
| L_45(85)av | 0 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 10 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 20 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 25 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 30 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 |
| 35 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.05 |
| 40 | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.12 | 0.12 | 0.13 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.07 | 0.06 | 0.06 |
| 45 | 0.08 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.13 | 0.14 | 0.13 | 0.13 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.07 |
| 50 | 0.09 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 |
| 55 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 |
| 60 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 |
| 65 | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 |
| 70 | 0.08 | 0.09 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.07 |
| 75 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 |
| 80 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.08 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| 85 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:Y
Test Date:2023-11-30

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 10 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 20 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | 0.03 |
| 25 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 |
| 30 | 0.04 | 0.04 | 0.05 | 0.06 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.05 | 0.06 |
| 35 | 0.05 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | 0.07 | 0.08 |
| 40 | 0.06 | 0.07 | 0.08 | 0.09 | 0.10 | 0.10 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 | 0.09 |
| 45 | 0.08 | 0.08 | 0.09 | 0.10 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.13 | 0.12 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.09 |
| 50 | 0.08 | 0.08 | 0.09 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 |
| 55 | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| 60 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| 65 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | 0.08 | 0.09 | 0.09 |
| 70 | 0.07 | 0.07 | 0.08 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| 75 | 0.07 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 |
| 80 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.07 | 0.08 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.05 | 0.05 | 0.05 | 0.05 |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
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C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION 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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 10 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 15 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 20 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 25 | 0.05 | 0.05 | 0.06 | 0.06 | 0.06 | 0.06 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 |
| 30 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 |
| 35 | 0.09 | 0.09 | 0.10 | 0.11 | 0.11 | 0.12 | 0.13 | 0.13 | 0.13 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 |
| 40 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| 45 | 0.10 | 0.10 | 0.11 | 0.12 | 0.13 | 0.15 | 0.15 | 0.15 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.09 | 0.10 |
| 50 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.13 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.13 | 0.13 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.10 |
| 55 | 0.09 | 0.10 | 0.10 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.13 | 0.13 | 0.13 | 0.12 | 0.12 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 |
| 60 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 |
| 65 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| 70 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 | 0.08 |
| 75 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 |
| 80 | 0.05 | 0.06 | 0.06 | 0.07 | 0.08 | 0.09 | 0.09 | 0.08 | 0.06 | 0.04 | 0.03 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85 | 0.04 | 0.04 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:Y
 Test Date:2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------------|-------------------|
| Test:U:11.97V I:0.1367A P:0.8815W PF:0.5389 Lamp Flux:235x1 lm | | |
| NAME: 489886-2700K | TYPE:489886-2700K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

Table--4

UNIT: cd

| γ (DEG) \ C (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 5 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | | |
| 10 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | | | | |
| 15 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | | | | |
| 20 | 0.03 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.02 | | | | |
| 25 | 0.04 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | 0.03 | | | | |
| 30 | 0.06 | 0.07 | 0.07 | 0.08 | 0.08 | 0.09 | 0.09 | 0.09 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.06 | 0.05 | | | | |
| 35 | 0.08 | 0.09 | 0.10 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | 0.08 | 0.07 | | | | |
| 40 | 0.09 | 0.10 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.15 | 0.14 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | | | | |
| 45 | 0.10 | 0.12 | 0.13 | 0.13 | 0.14 | 0.15 | 0.15 | 0.15 | 0.15 | 0.14 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | | | | |
| 50 | 0.11 | 0.12 | 0.13 | 0.14 | 0.14 | 0.14 | 0.15 | 0.14 | 0.14 | 0.14 | 0.13 | 0.12 | 0.11 | 0.10 | 0.09 | | | | |
| 55 | 0.10 | 0.11 | 0.12 | 0.13 | 0.13 | 0.14 | 0.14 | 0.13 | 0.13 | 0.13 | 0.12 | 0.11 | 0.10 | 0.10 | 0.09 | | | | |
| 60 | 0.10 | 0.10 | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | | | | |
| 65 | 0.09 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.10 | 0.10 | 0.09 | 0.09 | | | | |
| 70 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | 0.09 | 0.09 | 0.09 | | | | |
| 75 | 0.08 | 0.08 | 0.09 | 0.09 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.12 | 0.11 | 0.10 | 0.09 | 0.08 | 0.08 | | | | |
| 80 | 0.01 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.08 | 0.09 | 0.09 | 0.09 | 0.10 | 0.10 | 0.08 | 0.07 | 0.07 | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.06 | 0.05 | 0.04 | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
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C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: Y
 Test Date: 2023-11-30

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.291
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks: