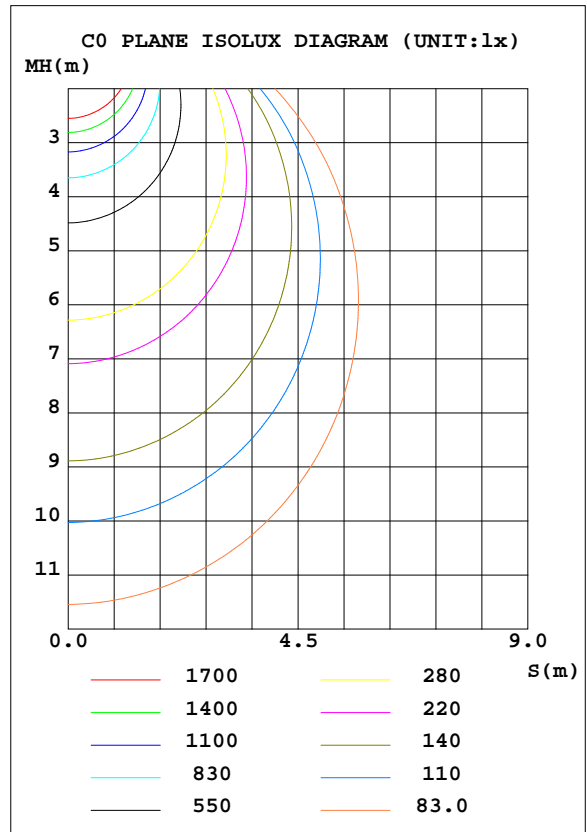
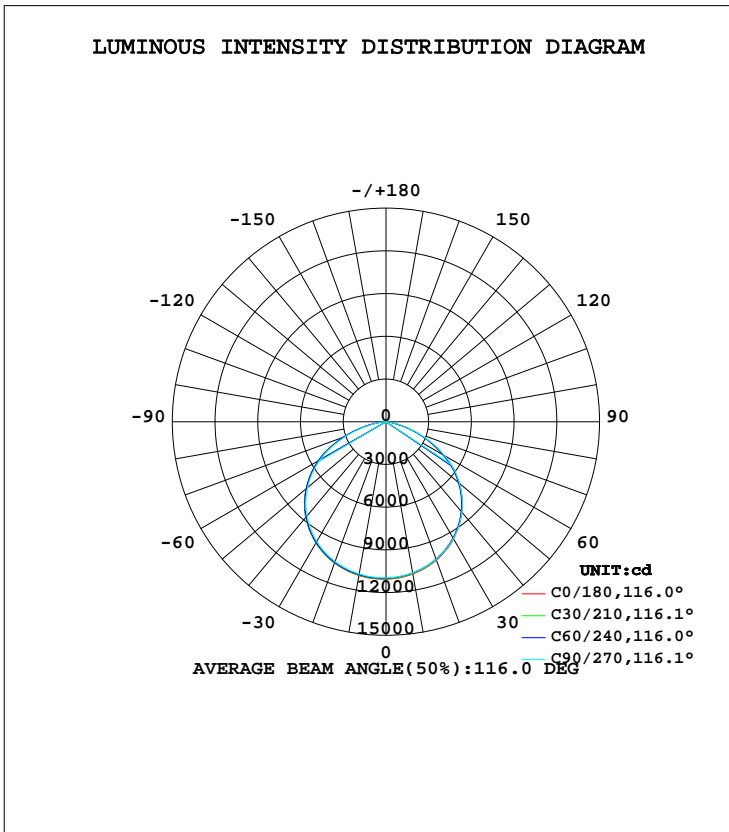


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 158.41 lm/W | | | |
|------------------|------------|-----------------------------------|--------|--------------------|-----------|
| MODEL | F6020-200W | Imax(cd) | 11063 | S/MH(C0/180) | 1.28 |
| NOMINAL POWER(W) | 200 | LOR(%) | 100.0 | S/MH(C90/270) | 1.28 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 32274 | η UP, DN(C0-180) | 0.9, 47.3 |
| NOMINAL FLUX(lm) | 32274.3 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 1.0, 50.8 |
| LAMPS INSIDE | 1 | η up(%) | 1.9 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 230 | η down(%) | 98.1 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-04-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
Humidity:65.0%
Test Distance:8.000m [K=0.7437]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum, lamp |
|-----|--------------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 1086 | 1080 | 1077 | 1078 | 1097 | 1092 | 1085 | 1079 | 0- 10 | 1041 | 1041 | 3.23,3.23 |
| 20 | 1035 | 1029 | 1028 | 1032 | 1057 | 1053 | 1044 | 1035 | 10- 20 | 3008 | 4049 | 12.5,12.5 |
| 30 | 949.8 | 943.2 | 945.7 | 954.1 | 983.6 | 980.8 | 970.1 | 957.1 | 20- 30 | 4627 | 8676 | 26.9,26.9 |
| 40 | 830.2 | 823.6 | 828.9 | 841.5 | 876.4 | 874.7 | 862.3 | 845.6 | 30- 40 | 5681 | 14357 | 44.5,44.5 |
| 50 | 672.9 | 666.7 | 674.0 | 692.2 | 731.7 | 731.5 | 718.1 | 696.6 | 40- 50 | 5990 | 20347 | 63,63 |
| 60 | 471.8 | 462.8 | 475.7 | 499.9 | 547.5 | 549.3 | 535.1 | 509.1 | 50- 60 | 5419 | 25766 | 79.8,79.8 |
| 70 | 238.6 | 233.3 | 246.8 | 270.8 | 315.7 | 318.9 | 301.5 | 277.2 | 60- 70 | 3868 | 29634 | 91.8,91.8 |
| 80 | 46.42 | 43.45 | 50.96 | 65.91 | 97.68 | 100.6 | 88.61 | 71.89 | 70- 80 | 1750 | 31384 | 97.2,97.2 |
| 90 | 5.636 | 5.654 | 5.607 | 5.523 | 7.643 | 7.747 | 7.519 | 7.421 | 80- 90 | 274.2 | 31658 | 98.1,98.1 |
| 100 | 6.515 | 6.525 | 6.452 | 6.329 | 8.313 | 8.230 | 8.258 | 8.363 | 90-100 | 75.33 | 31734 | 98.3,98.3 |
| 110 | 7.598 | 7.634 | 7.575 | 7.403 | 9.434 | 9.334 | 9.363 | 9.473 | 100-110 | 83.65 | 31817 | 98.6,98.6 |
| 120 | 8.703 | 8.735 | 8.678 | 8.502 | 10.57 | 10.47 | 10.48 | 10.58 | 110-120 | 89.55 | 31907 | 98.9,98.9 |
| 130 | 9.793 | 9.829 | 9.771 | 9.591 | 11.67 | 11.56 | 11.56 | 11.64 | 120-130 | 90.76 | 31997 | 99.1,99.1 |
| 140 | 10.89 | 10.95 | 10.89 | 10.70 | 12.68 | 12.56 | 12.54 | 12.61 | 130-140 | 86.57 | 32084 | 99.4,99.4 |
| 150 | 11.95 | 11.97 | 11.91 | 11.71 | 13.66 | 13.52 | 13.49 | 13.53 | 140-150 | 76.66 | 32161 | 99.6,99.6 |
| 160 | 13.12 | 13.01 | 12.92 | 12.74 | 14.40 | 14.25 | 14.18 | 14.19 | 150-160 | 60.72 | 32221 | 99.8,99.8 |
| 170 | 13.96 | 13.88 | 13.77 | 13.65 | 14.58 | 14.44 | 14.35 | 14.32 | 160-170 | 39.37 | 32261 | 100,100 |
| 180 | 14.36 | 14.28 | 14.16 | 14.07 | 14.40 | 14.28 | 14.15 | 14.07 | 170-180 | 13.47 | 32274 | 100,100 |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

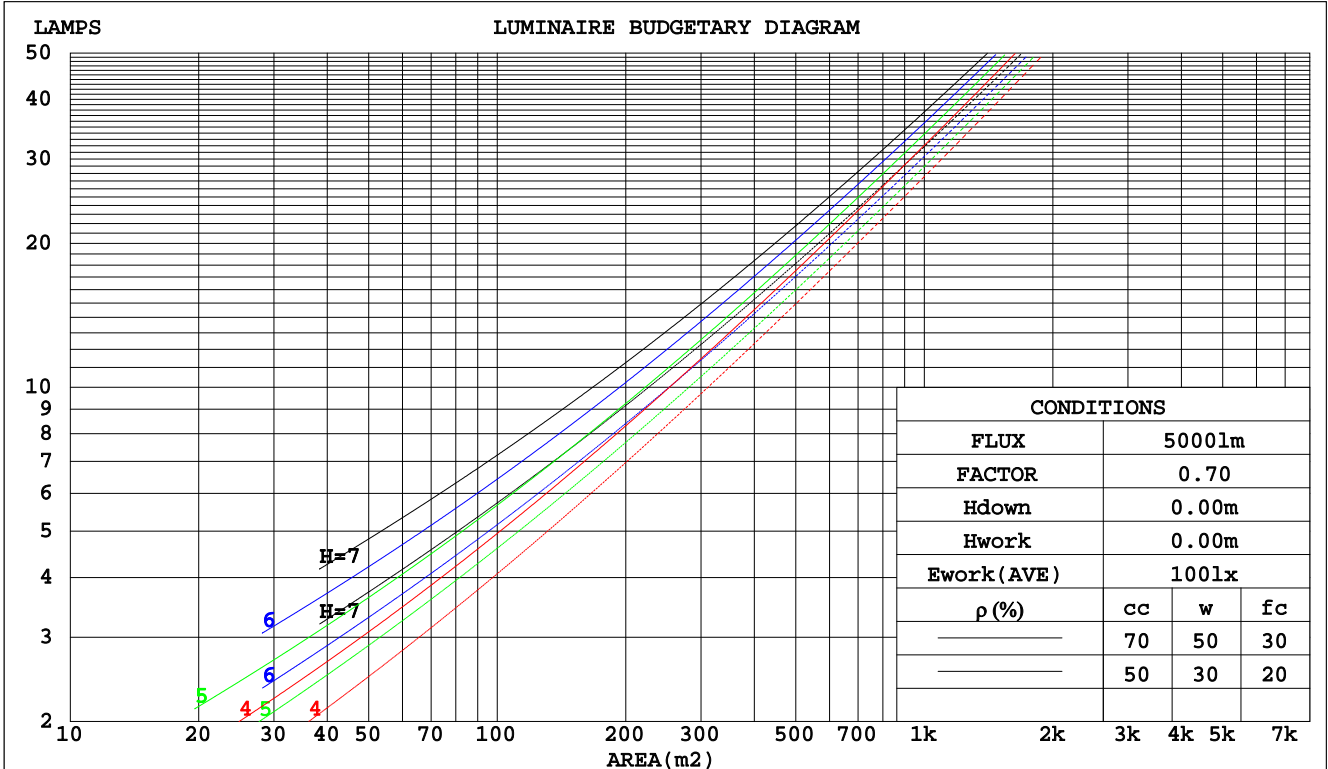
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pw | | | | | | | | | | | | | | | | 0 |
| pfc | | | | | | | | | | | | | | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |
| | Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.00 | 1.00 | 1.00 | .98 |
| 1.0 | 1.04 | 1.00 | .97 | 1.02 | .98 | .95 | .97 | .94 | .92 | .93 | .91 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .91 | .85 | .79 | .89 | .83 | .78 | .85 | .80 | .76 | .82 | .77 | .74 | .78 | .75 | .72 | .70 |
| 3.0 | .80 | .72 | .66 | .78 | .71 | .65 | .75 | .69 | .64 | .72 | .67 | .62 | .69 | .65 | .61 | .59 |
| 4.0 | .71 | .62 | .56 | .69 | .61 | .55 | .67 | .60 | .54 | .64 | .58 | .53 | .62 | .57 | .52 | .50 |
| 5.0 | .63 | .54 | .48 | .62 | .54 | .47 | .60 | .52 | .47 | .58 | .51 | .46 | .55 | .50 | .45 | .43 |
| 6.0 | .57 | .48 | .42 | .56 | .47 | .41 | .54 | .46 | .41 | .52 | .45 | .40 | .50 | .44 | .40 | .38 |
| 7.0 | .51 | .43 | .37 | .51 | .42 | .36 | .49 | .41 | .36 | .47 | .41 | .36 | .46 | .40 | .35 | .33 |
| 8.0 | .47 | .38 | .33 | .46 | .38 | .32 | .45 | .37 | .32 | .43 | .37 | .32 | .42 | .36 | .32 | .30 |
| 9.0 | .43 | .35 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .29 | .39 | .33 | .28 | .27 |
| 10.0 | .40 | .32 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7437]
 Remarks:

WEC AND CCEC

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | 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 | .292 | .166 | .053 | .285 | .162 | .052 | .270 | .155 | .050 | .257 | .148 | .048 | .245 | .142 | .046 | |
| 2.0 | .281 | .154 | .047 | .274 | .151 | .046 | .261 | .145 | .045 | .250 | .140 | .044 | .239 | .135 | .043 | |
| 3.0 | .263 | .140 | .042 | .257 | .137 | .041 | .245 | .133 | .040 | .235 | .129 | .040 | .225 | .125 | .039 | |
| 4.0 | .244 | .127 | .037 | .239 | .125 | .037 | .229 | .121 | .036 | .219 | .118 | .036 | .211 | .115 | .035 | |
| 5.0 | .227 | .115 | .033 | .222 | .114 | .033 | .213 | .111 | .033 | .205 | .108 | .032 | .197 | .105 | .032 | |
| 6.0 | .211 | .106 | .030 | .207 | .104 | .030 | .199 | .102 | .030 | .191 | .099 | .029 | .184 | .097 | .029 | |
| 7.0 | .197 | .097 | .028 | .193 | .096 | .027 | .186 | .094 | .027 | .179 | .092 | .027 | .173 | .090 | .026 | |
| 8.0 | .184 | .090 | .025 | .181 | .089 | .025 | .174 | .087 | .025 | .168 | .085 | .025 | .162 | .083 | .024 | |
| 9.0 | .173 | .084 | .023 | .170 | .083 | .023 | .164 | .081 | .023 | .158 | .079 | .023 | .153 | .078 | .022 | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .154 | .076 | .021 | .150 | .074 | .021 | .145 | .073 | .021 | |

| 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 | .205 | .205 | .205 | .175 | .175 | .175 | .120 | .120 | .120 | .069 | .069 | .069 | .022 | .022 | .022 | |
| 1.0 | .194 | .171 | .150 | .166 | .147 | .129 | .113 | .101 | .090 | .065 | .058 | .052 | .021 | .019 | .017 | |
| 2.0 | .186 | .147 | .114 | .159 | .126 | .099 | .109 | .087 | .069 | .063 | .051 | .040 | .020 | .016 | .013 | |
| 3.0 | .178 | .129 | .090 | .153 | .111 | .078 | .105 | .077 | .055 | .060 | .045 | .032 | .019 | .015 | .011 | |
| 4.0 | .170 | .116 | .074 | .146 | .100 | .064 | .101 | .070 | .045 | .058 | .041 | .027 | .019 | .013 | .009 | |
| 5.0 | .163 | .105 | .063 | .140 | .091 | .055 | .097 | .064 | .039 | .056 | .037 | .023 | .018 | .012 | .008 | |
| 6.0 | .156 | .097 | .055 | .134 | .084 | .047 | .093 | .059 | .034 | .054 | .035 | .020 | .017 | .011 | .007 | |
| 7.0 | .150 | .090 | .049 | .129 | .078 | .042 | .089 | .055 | .030 | .052 | .032 | .018 | .017 | .011 | .006 | |
| 8.0 | .143 | .084 | .044 | .123 | .073 | .038 | .085 | .051 | .027 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 9.0 | .137 | .080 | .040 | .118 | .069 | .035 | .082 | .049 | .025 | .048 | .029 | .015 | .015 | .009 | .005 | |
| 10.0 | .132 | .075 | .038 | .114 | .065 | .033 | .079 | .046 | .023 | .046 | .027 | .014 | .015 | .009 | .005 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks:

Uncorrected UGR Table

| | | | | | | | | | | | | | | |
|--|------------------|------|------|------|------------------|----------------|------|------|------|-------------------|--|--|--|--|
| NAME: F6020-200W | | | | | TYPE: | | | | | WEIGHT: | | | | |
| DIM.: | | | | | SPEC.: | | | | | SERIAL No.: | | | | |
| MFR.: | | | | | SUR.:0.302*0.302 | | | | | 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 | 29.9 | 31.4 | 30.2 | 31.6 | 31.9 | 29.9 | 31.4 | 30.2 | 31.6 | 31.8 | | | | |
| 3H | 31.0 | 32.3 | 31.3 | 32.6 | 32.9 | 31.0 | 32.4 | 31.3 | 32.6 | 32.9 | | | | |
| 4H | 31.2 | 32.5 | 31.6 | 32.8 | 33.1 | 31.3 | 32.6 | 31.6 | 32.9 | 33.2 | | | | |
| 6H | 31.3 | 32.5 | 31.6 | 32.8 | 33.1 | 31.3 | 32.5 | 31.7 | 32.9 | 33.2 | | | | |
| 8H | 31.2 | 32.4 | 31.6 | 32.7 | 33.0 | 31.3 | 32.5 | 31.7 | 32.8 | 33.1 | | | | |
| 12H | 31.2 | 32.3 | 31.6 | 32.6 | 33.0 | 31.3 | 32.4 | 31.6 | 32.7 | 33.1 | | | | |
| 4H 2H | 30.4 | 31.7 | 30.7 | 31.9 | 32.2 | 30.4 | 31.7 | 30.7 | 31.9 | 32.2 | | | | |
| 3H | 31.6 | 32.7 | 32.0 | 33.0 | 33.4 | 31.6 | 32.7 | 32.0 | 33.0 | 33.4 | | | | |
| 4H | 31.9 | 32.9 | 32.3 | 33.3 | 33.6 | 31.9 | 33.0 | 32.3 | 33.3 | 33.7 | | | | |
| 6H | 32.0 | 32.9 | 32.4 | 33.3 | 33.7 | 32.0 | 32.9 | 32.5 | 33.3 | 33.7 | | | | |
| 8H | 32.0 | 32.8 | 32.4 | 33.2 | 33.6 | 32.0 | 32.9 | 32.5 | 33.3 | 33.7 | | | | |
| 12H | 31.9 | 32.7 | 32.4 | 33.1 | 33.5 | 32.0 | 32.7 | 32.4 | 33.2 | 33.6 | | | | |
| 8H 4H | 31.9 | 32.8 | 32.4 | 33.2 | 33.6 | 32.0 | 32.8 | 32.4 | 33.2 | 33.6 | | | | |
| 6H | 32.1 | 32.8 | 32.5 | 33.2 | 33.7 | 32.1 | 32.8 | 32.6 | 33.3 | 33.7 | | | | |
| 8H | 32.1 | 32.7 | 32.6 | 33.1 | 33.6 | 32.1 | 32.7 | 32.6 | 33.2 | 33.7 | | | | |
| 12H | 32.0 | 32.6 | 32.5 | 33.0 | 33.6 | 32.1 | 32.6 | 32.6 | 33.1 | 33.6 | | | | |
| 12H 4H | 31.9 | 32.7 | 32.4 | 33.1 | 33.5 | 31.9 | 32.7 | 32.4 | 33.1 | 33.6 | | | | |
| 6H | 32.0 | 32.7 | 32.5 | 33.1 | 33.6 | 32.1 | 32.7 | 32.6 | 33.2 | 33.7 | | | | |
| 8H | 32.0 | 32.6 | 32.6 | 33.0 | 33.6 | 32.1 | 32.6 | 32.6 | 33.1 | 33.6 | | | | |
| Variations with the observer position at spacings: | | | | | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | | | | |
| 1.5H | + 0.3 / - 0.5 | | | | | + 0.3 / - 0.4 | | | | | | | | |
| 2.0H | + 0.4 / - 0.4 | | | | | + 0.4 / - 0.4 | | | | | | | | |

CIE Pub.117 Corrected 32274 lm Total Lamp Luminous Flux.(8log(F/F0) = 12.1)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |

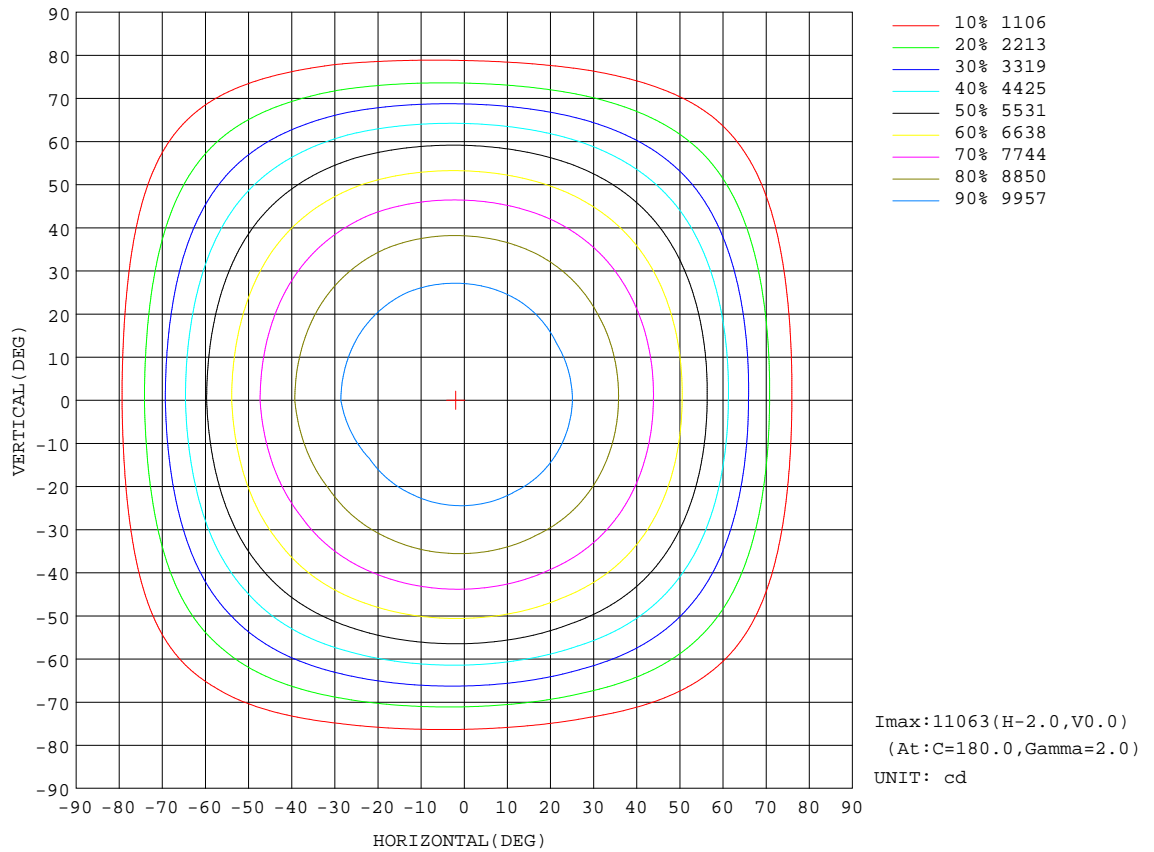
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 57 | 46 | 39 | 56 | 45 | 38 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 56 | 49 | 66 | 55 | 48 | 64 | 54 | 48 | 41 |
| 1.00 | 76 | 65 | 58 | 75 | 64 | 58 | 72 | 66 | 57 | 50 |
| 1.25 | 83 | 73 | 66 | 82 | 72 | 65 | 79 | 71 | 65 | 57 |
| 1.50 | 88 | 79 | 72 | 87 | 78 | 71 | 83 | 76 | 70 | 62 |
| 2.00 | 95 | 87 | 81 | 93 | 86 | 80 | 90 | 83 | 78 | 70 |
| 2.50 | 99 | 92 | 86 | 97 | 90 | 85 | 93 | 87 | 83 | 74 |
| 3.00 | 102 | 96 | 91 | 100 | 94 | 89 | 96 | 91 | 87 | 78 |
| 4.00 | 106 | 101 | 96 | 104 | 99 | 95 | 99 | 95 | 92 | 83 |
| 5.00 | 109 | 104 | 100 | 106 | 102 | 98 | 101 | 98 | 95 | 86 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |

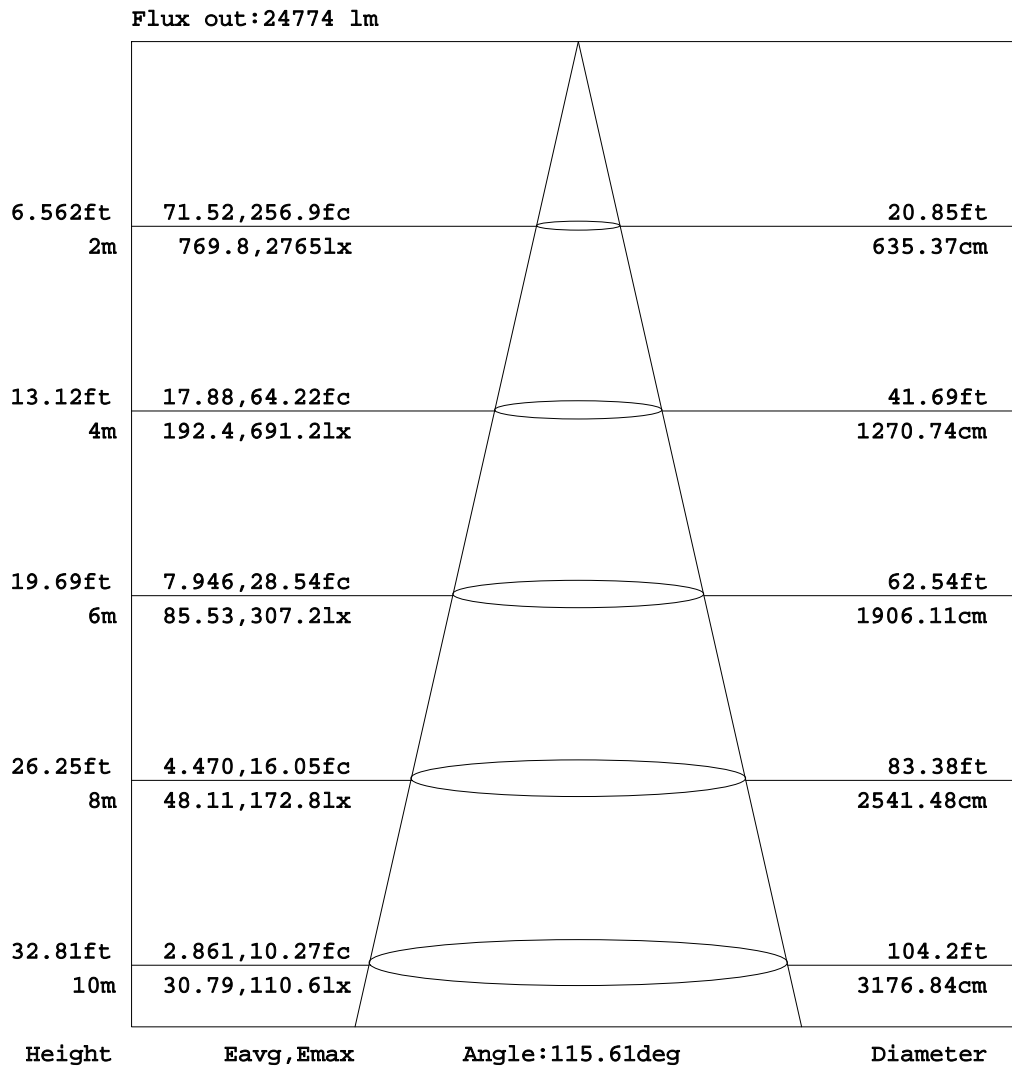


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7437]
 Remarks:

AAI Figure

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |



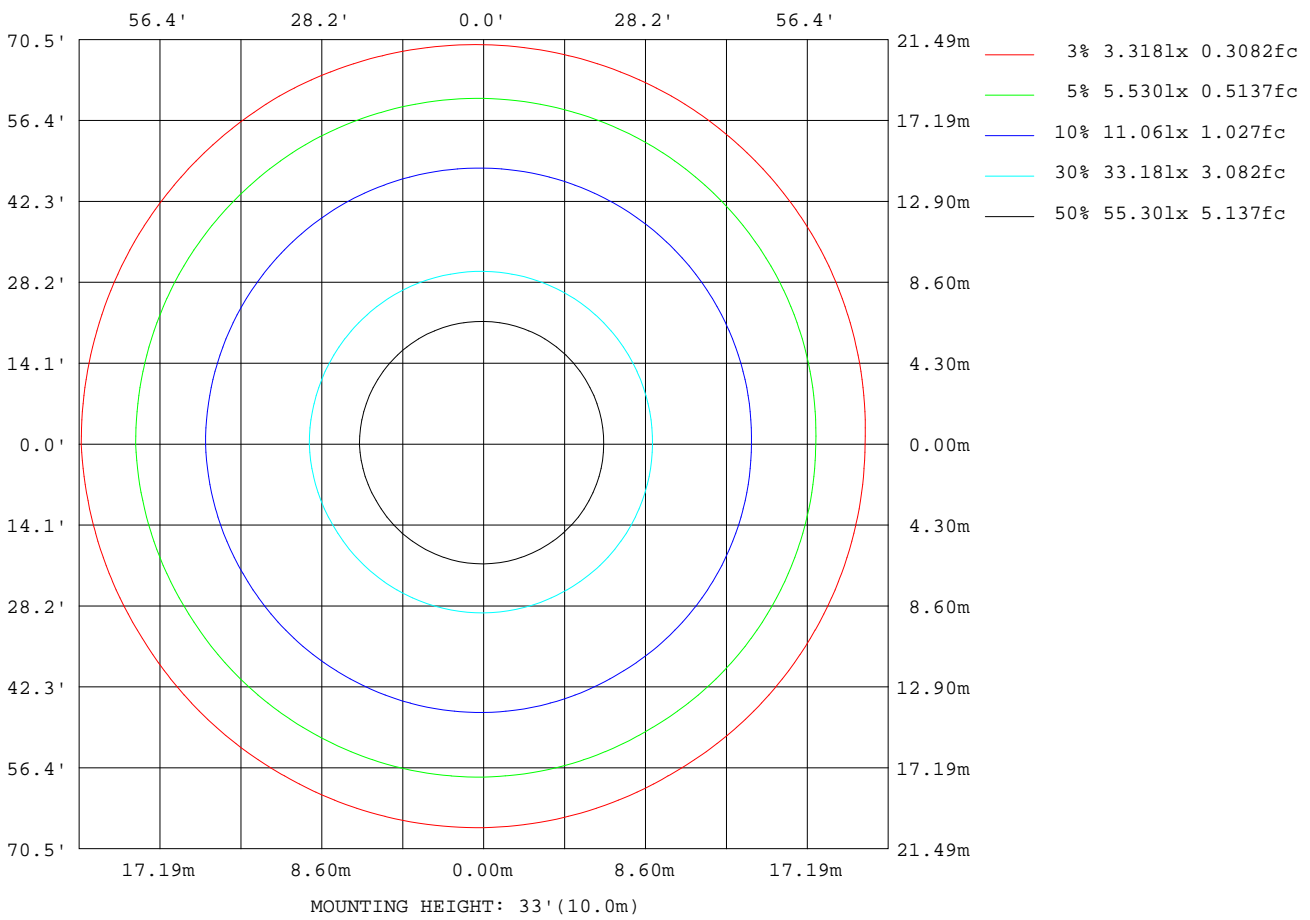
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks:

ISOLUX DIAGRAM

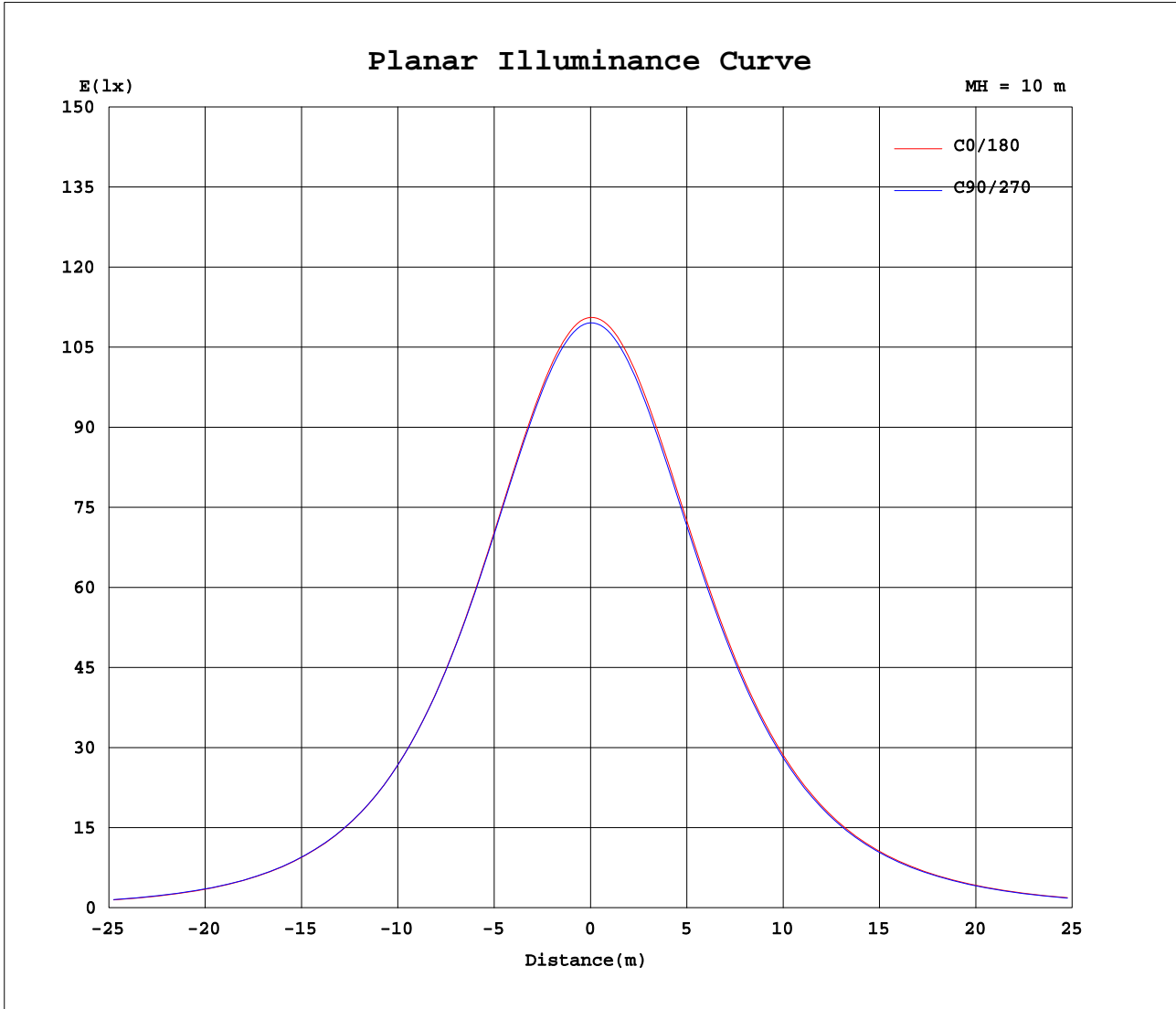
| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7437]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2019-04-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity: 65.0%
 Test Distance: 8.000m [K=0.7437]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|------------------|------------------|-------------------|
| NAME: F6020-200W | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.:0.302*0.302 | PROTECTION ANGLE: |

Table--1

UNIT: x10cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 1106 | 1102 | 1099 | 1096 | 1094 | 1092 | 1106 | 1102 | 1099 | 1096 | 1094 | 1092 | | | | | | | |
| 5 | 1100 | 1096 | 1092 | 1091 | 1089 | 1089 | 1105 | 1102 | 1098 | 1094 | 1091 | 1088 | | | | | | | |
| 10 | 1086 | 1082 | 1078 | 1077 | 1077 | 1079 | 1097 | 1094 | 1090 | 1085 | 1081 | 1077 | | | | | | | |
| 15 | 1064 | 1060 | 1056 | 1057 | 1057 | 1060 | 1081 | 1078 | 1074 | 1068 | 1064 | 1058 | | | | | | | |
| 20 | 1035 | 1031 | 1027 | 1028 | 1030 | 1035 | 1057 | 1055 | 1051 | 1044 | 1039 | 1031 | | | | | | | |
| 25 | 996 | 992 | 988 | 991 | 994 | 1001 | 1024 | 1023 | 1020 | 1012 | 1005 | 995 | | | | | | | |
| 30 | 950 | 945 | 941 | 946 | 950 | 958 | 984 | 982 | 979 | 970 | 962 | 952 | | | | | | | |
| 35 | 894 | 890 | 886 | 892 | 897 | 907 | 934 | 934 | 931 | 921 | 912 | 900 | | | | | | | |
| 40 | 830 | 825 | 822 | 829 | 836 | 847 | 876 | 876 | 873 | 862 | 852 | 839 | | | | | | | |
| 45 | 757 | 752 | 748 | 756 | 765 | 778 | 809 | 809 | 807 | 795 | 784 | 768 | | | | | | | |
| 50 | 673 | 669 | 664 | 674 | 684 | 700 | 732 | 732 | 731 | 718 | 705 | 688 | | | | | | | |
| 55 | 579 | 576 | 571 | 583 | 593 | 612 | 644 | 646 | 645 | 631 | 617 | 599 | | | | | | | |
| 60 | 472 | 465 | 460 | 476 | 488 | 511 | 547 | 550 | 549 | 535 | 520 | 498 | | | | | | | |
| 65 | 353 | 348 | 346 | 361 | 374 | 395 | 434 | 439 | 439 | 422 | 406 | 382 | | | | | | | |
| 70 | 239 | 234 | 233 | 247 | 260 | 281 | 316 | 319 | 318 | 301 | 287 | 267 | | | | | | | |
| 75 | 128 | 125 | 124 | 137 | 147 | 166 | 201 | 205 | 204 | 188 | 174 | 154 | | | | | | | |
| 80 | 46.4 | 43.6 | 43.3 | 51.0 | 59.7 | 72.2 | 97.7 | 100 | 101 | 88.6 | 78.9 | 64.9 | | | | | | | |
| 85 | 8.63 | 8.00 | 7.67 | 9.48 | 11.8 | 16.6 | 28.8 | 30.5 | 30.7 | 25.1 | 20.6 | 15.3 | | | | | | | |
| 90 | 5.64 | 5.66 | 5.65 | 5.61 | 5.56 | 5.49 | 7.64 | 7.75 | 7.75 | 7.52 | 7.40 | 7.45 | | | | | | | |
| 95 | 6.04 | 6.06 | 6.05 | 5.99 | 5.93 | 5.85 | 7.80 | 7.74 | 7.72 | 7.76 | 7.81 | 7.89 | | | | | | | |
| 100 | 6.51 | 6.53 | 6.52 | 6.45 | 6.38 | 6.28 | 8.31 | 8.24 | 8.22 | 8.26 | 8.32 | 8.41 | | | | | | | |
| 105 | 7.04 | 7.11 | 7.04 | 6.99 | 6.89 | 6.78 | 8.87 | 8.79 | 8.76 | 8.80 | 8.87 | 8.96 | | | | | | | |
| 110 | 7.60 | 7.67 | 7.59 | 7.58 | 7.43 | 7.38 | 9.43 | 9.35 | 9.32 | 9.36 | 9.43 | 9.52 | | | | | | | |
| 115 | 8.16 | 8.23 | 8.15 | 8.13 | 7.98 | 7.93 | 10.0 | 9.91 | 9.89 | 9.92 | 9.99 | 10.1 | | | | | | | |
| 120 | 8.70 | 8.78 | 8.69 | 8.68 | 8.52 | 8.48 | 10.6 | 10.5 | 10.5 | 10.5 | 10.5 | 10.6 | | | | | | | |
| 125 | 9.24 | 9.34 | 9.22 | 9.22 | 9.06 | 9.02 | 11.1 | 11.0 | 11.0 | 11.0 | 11.1 | 11.1 | | | | | | | |
| 130 | 9.79 | 9.89 | 9.77 | 9.77 | 9.60 | 9.58 | 11.7 | 11.6 | 11.5 | 11.6 | 11.6 | 11.7 | | | | | | | |
| 135 | 10.4 | 10.5 | 10.3 | 10.3 | 10.2 | 10.1 | 12.2 | 12.1 | 12.0 | 12.0 | 12.1 | 12.1 | | | | | | | |
| 140 | 10.9 | 11.0 | 10.9 | 10.9 | 10.7 | 10.7 | 12.7 | 12.6 | 12.5 | 12.5 | 12.6 | 12.6 | | | | | | | |
| 145 | 11.4 | 11.5 | 11.4 | 11.4 | 11.2 | 11.2 | 13.2 | 13.1 | 13.0 | 13.0 | 13.1 | 13.1 | | | | | | | |
| 150 | 12.0 | 12.1 | 11.9 | 11.9 | 11.7 | 11.7 | 13.7 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | | | | | | | |
| 155 | 12.5 | 12.6 | 12.4 | 12.4 | 12.2 | 12.2 | 14.1 | 13.9 | 13.9 | 13.9 | 13.9 | 13.9 | | | | | | | |
| 160 | 13.1 | 13.1 | 13.0 | 12.9 | 12.7 | 12.8 | 14.4 | 14.3 | 14.2 | 14.2 | 14.2 | 14.2 | | | | | | | |
| 165 | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 | 13.2 | 14.7 | 14.5 | 14.5 | 14.4 | 14.4 | 14.4 | | | | | | | |
| 170 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.6 | 14.6 | 14.5 | 14.4 | 14.4 | 14.3 | 14.3 | | | | | | | |
| 175 | 14.1 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 14.4 | 14.3 | 14.3 | 14.2 | 14.2 | 14.1 | | | | | | | |
| 180 | 14.4 | 14.3 | 14.2 | 14.2 | 14.1 | 14.0 | 14.4 | 14.3 | 14.3 | 14.2 | 14.1 | 14.0 | | | | | | | |

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 Temperature:25.3DEG
 Operators:DAMIN
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γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.267
 Humidity:65.0%
 Test Distance:8.000m [K=0.7437]
 Remarks: