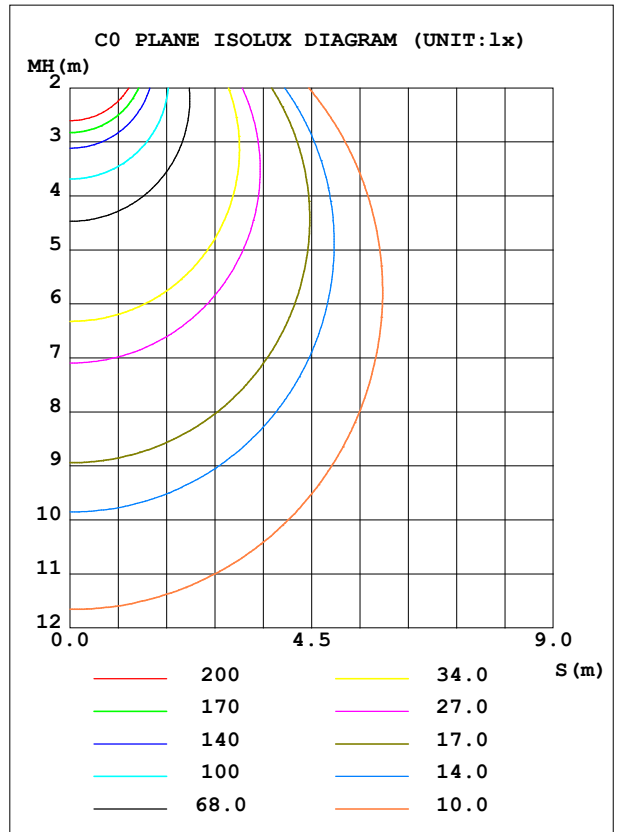
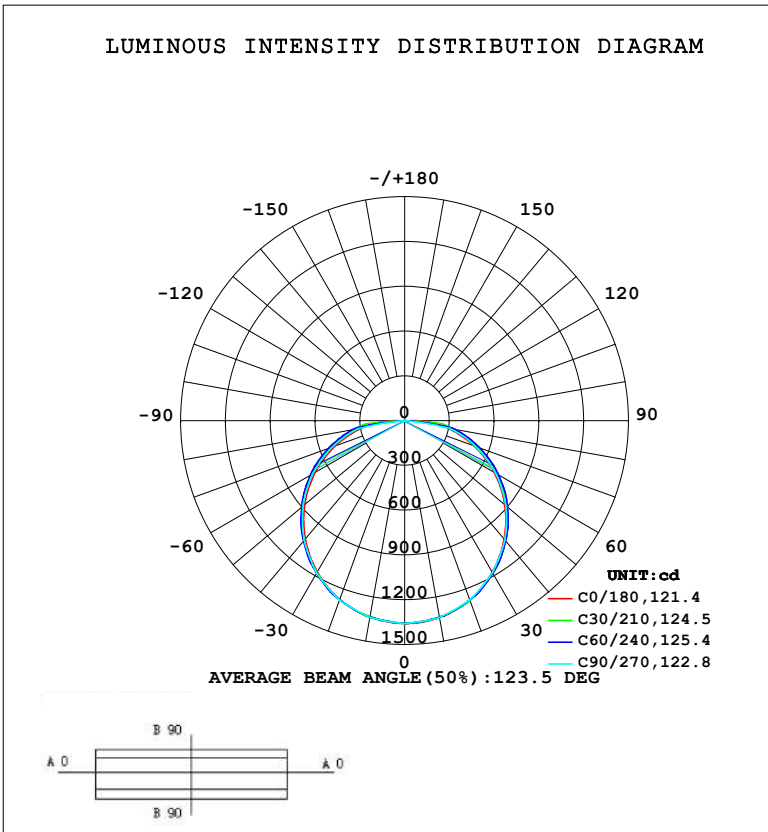


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 118.43 lm/W | | | |
|-------------------|----------------------|-----------------------------------|--------|--------------------------|----------|
| 1000015976 | FL-2*2-40W-TCP 5700K | Imax (cd) | 1359 | S/MH (C0/180) | 1.28 |
| NOMINAL POWER (W) | 40 | LOR (%) | 100.0 | S/MH (C90/270) | 1.29 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 4457.6 | η UP, DN (C0-180) | 0.0,49.8 |
| NOMINAL FLUX (lm) | 4457.63 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0,50.2 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | 1.50 |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

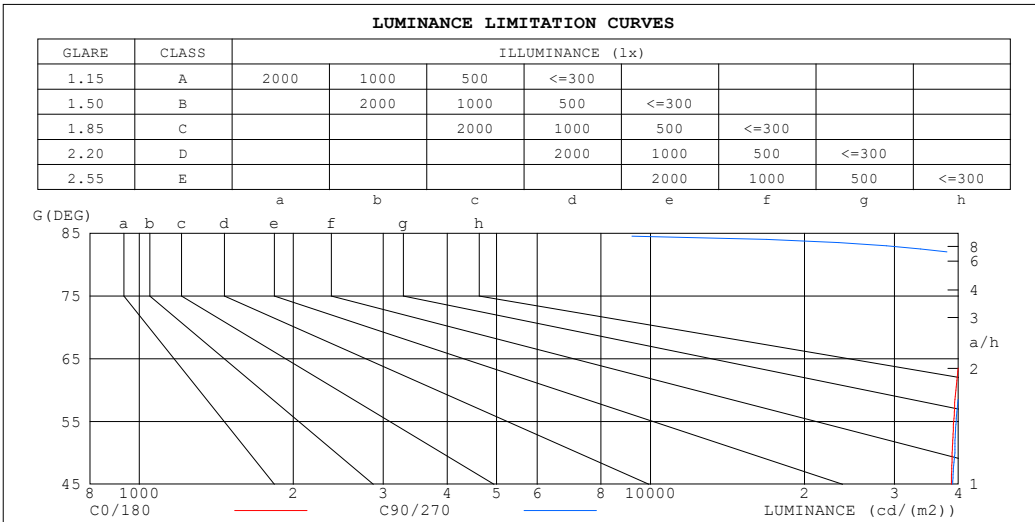
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 1340 | 1337 | 1340 | 1334 | 1336 | 1334 | 1339 | 1336 | 0- 10 | 128.4 | 128.4 | 2.88,2.88 |
| 20 | 1278 | 1279 | 1278 | 1275 | 1274 | 1275 | 1279 | 1279 | 10- 20 | 370.2 | 498.6 | 11.2,11.2 |
| 30 | 1173 | 1185 | 1176 | 1180 | 1171 | 1182 | 1179 | 1185 | 20- 30 | 567.9 | 1067 | 23.9,23.9 |
| 40 | 1037 | 1058 | 1045 | 1053 | 1035 | 1056 | 1048 | 1060 | 30- 40 | 698.7 | 1765 | 39.6,39.6 |
| 50 | 875.0 | 904.0 | 885.8 | 900.7 | 874.1 | 906.2 | 889.8 | 909.2 | 40- 50 | 750.8 | 2516 | 56.4,56.4 |
| 60 | 692.9 | 730.3 | 704.1 | 725.1 | 691.7 | 733.4 | 710.4 | 738.1 | 50- 60 | 721.3 | 3237 | 72.6,72.6 |
| 70 | 493.9 | 537.9 | 504.4 | 534.7 | 494.4 | 545.4 | 514.3 | 547.6 | 60- 70 | 615.3 | 3853 | 86.4,86.4 |
| 80 | 294.1 | 347.1 | 308.5 | 345.5 | 295.6 | 359.0 | 318.6 | 360.6 | 70- 80 | 450.9 | 4303 | 96.5,96.5 |
| 90 | 42.05 | 0 | 0 | 0 | 43.78 | 0 | 0 | 0 | 80- 90 | 154.2 | 4458 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 69512 | 0 |
| 80 | 48387 | 50753 |
| 75 | 43240 | 44869 |
| 70 | 41260 | 42140 |
| 65 | 40243 | 40853 |
| 60 | 39594 | 40236 |
| 55 | 39169 | 39599 |
| 50 | 38892 | 39372 |
| 45 | 38773 | 38999 |

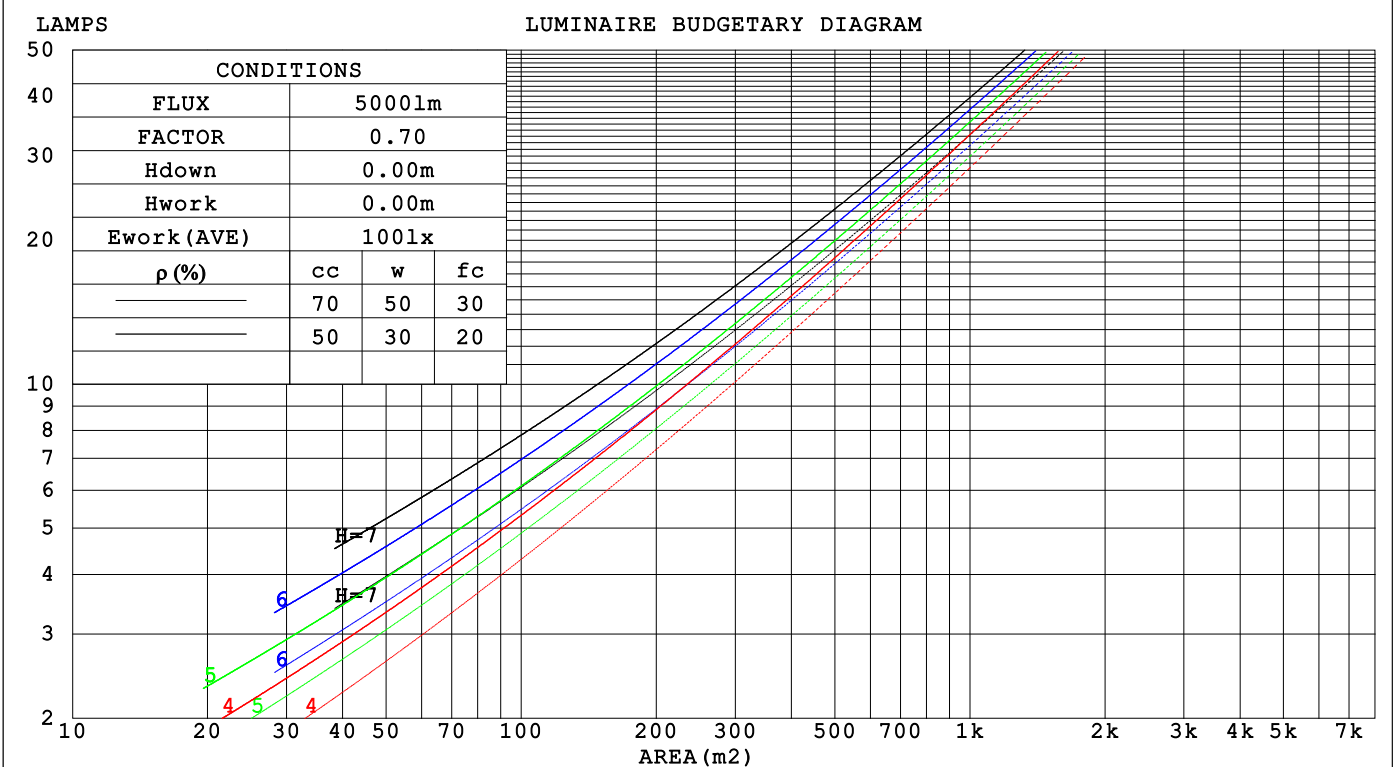
H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | 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 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0 | 1.02 | .97 | .93 | .90 | .95 | .91 | .95 | .92 | .88 | .91 | .88 | .86 | .88 | .85 | .83 | .81 |
| 2.0 | .88 | .80 | .74 | .86 | .79 | .73 | .82 | .76 | .71 | .79 | .74 | .70 | .76 | .72 | .68 | .66 |
| 3.0 | .76 | .68 | .60 | .75 | .67 | .60 | .72 | .65 | .59 | .69 | .63 | .58 | .66 | .61 | .57 | .54 |
| 4.0 | .67 | .58 | .51 | .66 | .57 | .50 | .63 | .56 | .50 | .61 | .54 | .49 | .59 | .53 | .48 | .46 |
| 5.0 | .60 | .50 | .43 | .59 | .50 | .43 | .56 | .49 | .42 | .54 | .47 | .42 | .52 | .46 | .41 | .39 |
| 6.0 | .54 | .44 | .37 | .53 | .44 | .37 | .51 | .43 | .37 | .49 | .42 | .37 | .47 | .41 | .36 | .34 |
| 7.0 | .48 | .39 | .33 | .48 | .39 | .33 | .46 | .38 | .33 | .45 | .38 | .32 | .43 | .37 | .32 | .30 |
| 8.0 | .44 | .35 | .29 | .43 | .35 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .29 | .27 |
| 9.0 | .40 | .32 | .26 | .40 | .32 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .24 |
| 10.0 | .37 | .29 | .24 | .37 | .29 | .24 | .36 | .28 | .24 | .35 | .28 | .23 | .34 | .28 | .23 | .21 |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

| ρ_{CC} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .347 | .197 | .062 | .340 | .194 | .062 | .326 | .187 | .060 | .314 | .181 | .058 | .302 | .175 | .057 | |
| 2.0 | .318 | .174 | .053 | .312 | .172 | .053 | .300 | .167 | .052 | .289 | .162 | .051 | .278 | .158 | .050 | |
| 3.0 | .289 | .154 | .046 | .284 | .152 | .046 | .273 | .148 | .045 | .263 | .144 | .044 | .254 | .141 | .044 | |
| 4.0 | .264 | .137 | .040 | .259 | .136 | .040 | .250 | .132 | .040 | .241 | .129 | .039 | .233 | .127 | .039 | |
| 5.0 | .242 | .123 | .036 | .238 | .122 | .036 | .229 | .119 | .035 | .221 | .117 | .035 | .214 | .114 | .034 | |
| 6.0 | .223 | .112 | .032 | .219 | .111 | .032 | .212 | .108 | .032 | .205 | .106 | .031 | .198 | .104 | .031 | |
| 7.0 | .206 | .102 | .029 | .203 | .101 | .029 | .196 | .099 | .029 | .190 | .097 | .028 | .184 | .096 | .028 | |
| 8.0 | .192 | .094 | .026 | .189 | .093 | .026 | .183 | .091 | .026 | .177 | .090 | .026 | .172 | .088 | .026 | |
| 9.0 | .179 | .087 | .024 | .176 | .086 | .024 | .171 | .085 | .024 | .166 | .083 | .024 | .161 | .082 | .024 | |
| 10.0 | .168 | .081 | .022 | .166 | .080 | .022 | .161 | .079 | .022 | .156 | .078 | .022 | .152 | .076 | .022 | |

| ρ_{CC} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 2.0 | .176 | .132 | .095 | .151 | .113 | .082 | .103 | .078 | .057 | .059 | .046 | .034 | .019 | .015 | .011 | |
| 3.0 | .168 | .114 | .072 | .144 | .099 | .062 | .099 | .069 | .044 | .057 | .040 | .026 | .018 | .013 | .008 | |
| 4.0 | .161 | .101 | .056 | .138 | .088 | .049 | .095 | .061 | .034 | .055 | .036 | .020 | .018 | .012 | .007 | |
| 5.0 | .153 | .091 | .045 | .131 | .079 | .040 | .090 | .055 | .028 | .052 | .032 | .017 | .017 | .011 | .005 | |
| 6.0 | .145 | .083 | .038 | .125 | .072 | .033 | .086 | .050 | .023 | .050 | .030 | .014 | .016 | .010 | .005 | |
| 7.0 | .138 | .076 | .032 | .119 | .066 | .028 | .082 | .046 | .020 | .048 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .132 | .070 | .028 | .113 | .061 | .024 | .078 | .043 | .017 | .046 | .025 | .010 | .015 | .008 | .003 | |
| 9.0 | .125 | .065 | .025 | .108 | .057 | .021 | .075 | .040 | .015 | .044 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .119 | .061 | .022 | .103 | .053 | .019 | .071 | .037 | .014 | .042 | .022 | .008 | .013 | .007 | .003 | |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------------------|----------------|------|------------------|------|------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz | | | | | | | | | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | | | | | | | | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: EVERFINE | | | | | SUR.: 0.585*0.585 | | | 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 | 25.0 | 26.7 | 25.3 | 27.0 | 27.3 | 25.0 | 26.8 | 25.4 | 27.1 | 27.4 |
| 3H | 27.2 | 28.8 | 27.6 | 29.1 | 29.4 | 27.3 | 28.8 | 27.7 | 29.2 | 29.5 |
| 4H | 28.2 | 29.6 | 28.6 | 30.0 | 30.4 | 28.3 | 29.8 | 28.7 | 30.1 | 30.5 |
| 6H | 29.0 | 30.4 | 29.5 | 30.8 | 31.2 | 29.3 | 30.6 | 29.7 | 31.0 | 31.4 |
| 8H | 29.4 | 30.7 | 29.8 | 31.1 | 31.5 | 29.5 | 30.8 | 29.9 | 31.2 | 31.6 |
| 12H | 29.7 | 31.0 | 30.1 | 31.3 | 31.8 | 29.5 | 30.8 | 29.9 | 31.2 | 31.6 |
| 4H 2H | 25.8 | 27.3 | 26.2 | 27.6 | 28.0 | 25.8 | 27.3 | 26.2 | 27.7 | 28.0 |
| 3H | 28.3 | 29.6 | 28.7 | 29.9 | 30.3 | 28.4 | 29.6 | 28.8 | 30.0 | 30.4 |
| 4H | 29.4 | 30.6 | 29.9 | 31.0 | 31.4 | 29.6 | 30.7 | 30.0 | 31.1 | 31.5 |
| 6H | 30.5 | 31.5 | 31.0 | 32.0 | 32.4 | 30.7 | 31.7 | 31.2 | 32.2 | 32.6 |
| 8H | 30.9 | 31.8 | 31.4 | 32.3 | 32.8 | 31.0 | 31.9 | 31.4 | 32.4 | 32.8 |
| 12H | 31.3 | 32.1 | 31.7 | 32.6 | 33.1 | 31.0 | 31.9 | 31.5 | 32.4 | 32.8 |
| 8H 4H | 30.0 | 31.0 | 30.5 | 31.4 | 31.9 | 30.1 | 31.1 | 30.6 | 31.5 | 32.0 |
| 6H | 31.3 | 32.1 | 31.8 | 32.6 | 33.1 | 31.5 | 32.3 | 32.0 | 32.8 | 33.3 |
| 8H | 31.9 | 32.6 | 32.4 | 33.1 | 33.6 | 31.9 | 32.6 | 32.4 | 33.1 | 33.6 |
| 12H | 32.5 | 33.1 | 33.0 | 33.6 | 34.1 | 31.9 | 32.6 | 32.4 | 33.1 | 33.6 |
| 12H 4H | 30.1 | 31.0 | 30.6 | 31.5 | 31.9 | 30.2 | 31.1 | 30.7 | 31.6 | 32.0 |
| 6H | 31.6 | 32.3 | 32.1 | 32.7 | 33.3 | 31.7 | 32.4 | 32.2 | 32.9 | 33.4 |
| 8H | 32.3 | 32.9 | 32.8 | 33.4 | 33.9 | 32.1 | 32.8 | 32.7 | 33.3 | 33.8 |
| CIE190: 2010 | | | | | | | | | | |
| | | | | | | | | | | |

CIE190: 2010
Area: 0.035 m2

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

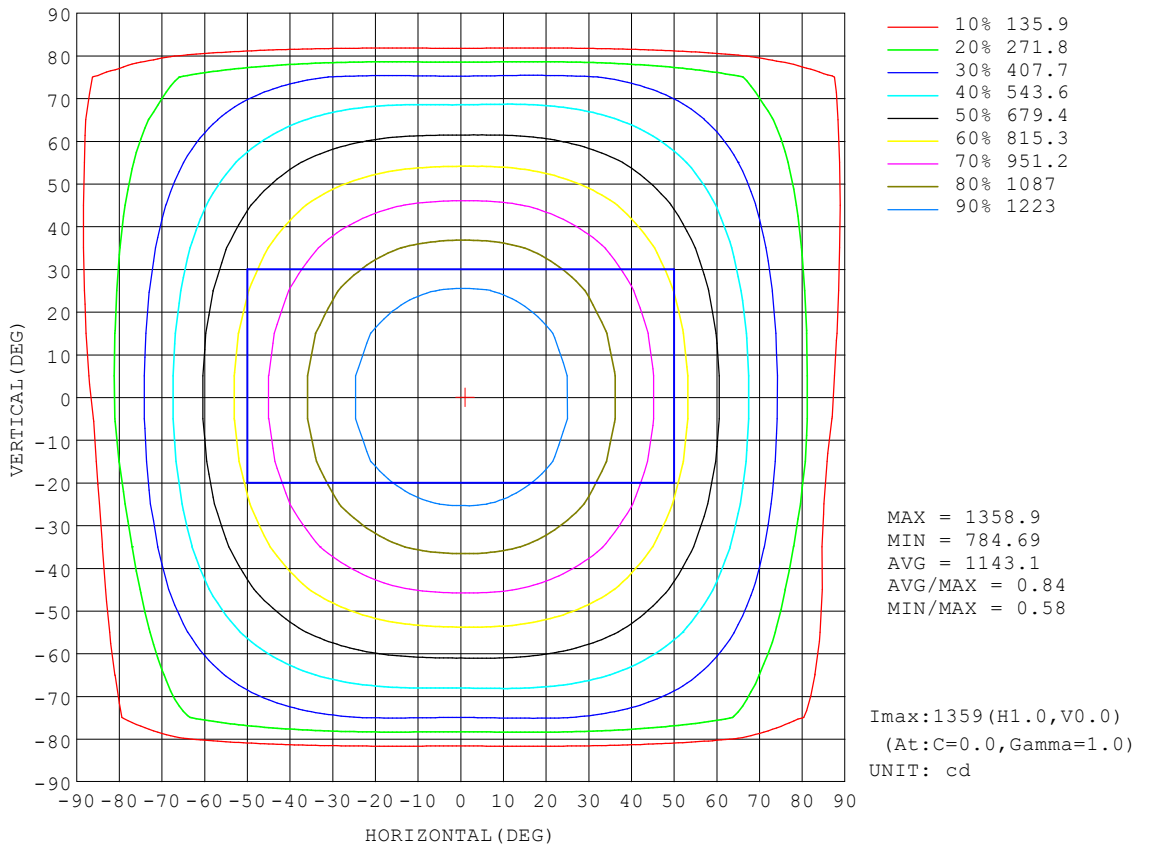
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 55 | 43 | 36 | 54 | 43 | 35 | 53 | 42 | 35 | 29 |
| 0.80 | 65 | 52 | 45 | 64 | 52 | 44 | 62 | 51 | 44 | 37 |
| 1.00 | 73 | 61 | 53 | 72 | 60 | 53 | 69 | 62 | 52 | 45 |
| 1.25 | 80 | 69 | 61 | 79 | 68 | 61 | 76 | 67 | 60 | 52 |
| 1.50 | 85 | 74 | 67 | 83 | 74 | 66 | 80 | 72 | 65 | 57 |
| 2.00 | 92 | 83 | 76 | 90 | 82 | 75 | 87 | 79 | 74 | 65 |
| 2.50 | 97 | 88 | 81 | 94 | 87 | 80 | 90 | 84 | 79 | 70 |
| 3.00 | 100 | 93 | 86 | 98 | 91 | 85 | 94 | 88 | 83 | 74 |
| 4.00 | 105 | 98 | 93 | 102 | 96 | 92 | 98 | 93 | 89 | 80 |
| 5.00 | 107 | 102 | 97 | 105 | 100 | 96 | 100 | 96 | 93 | 83 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

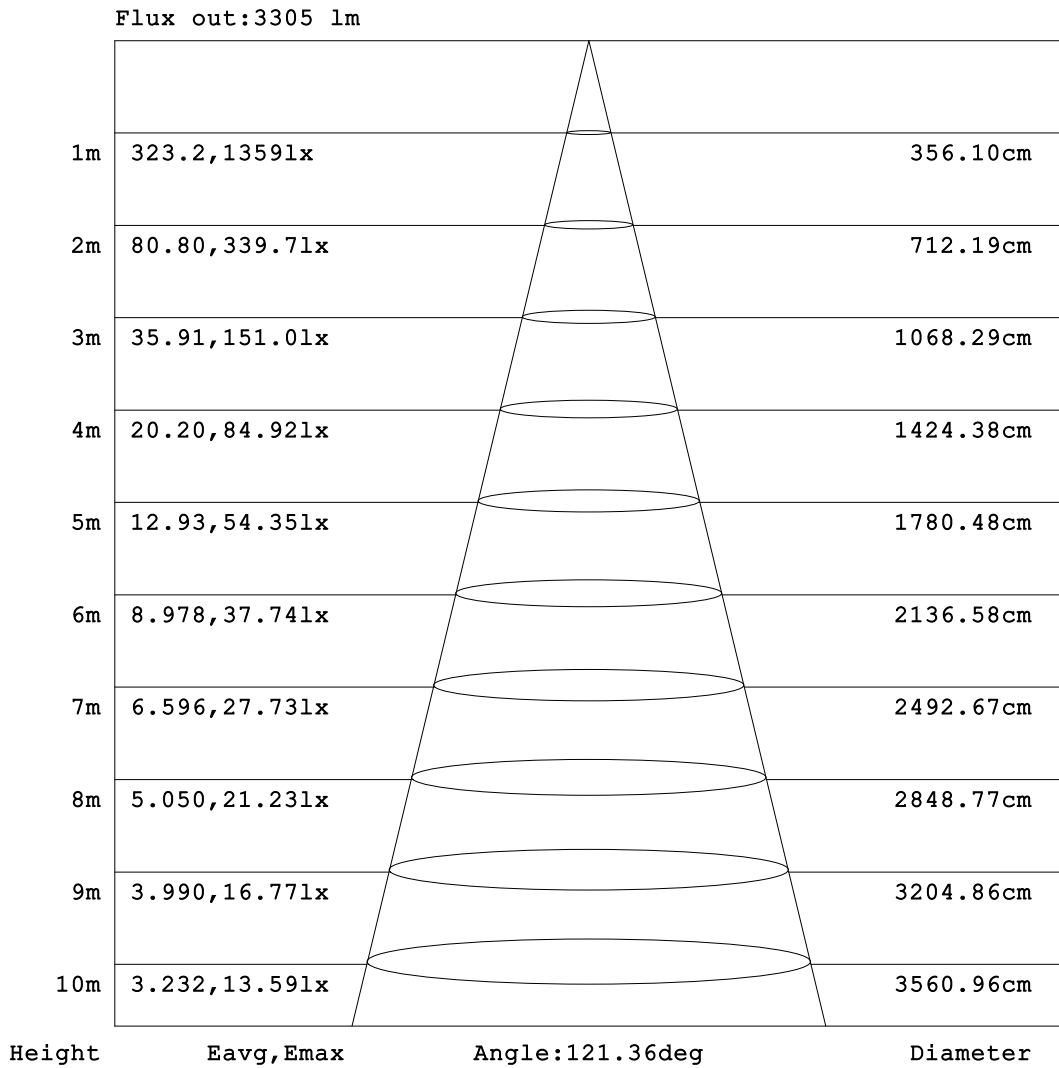


H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |



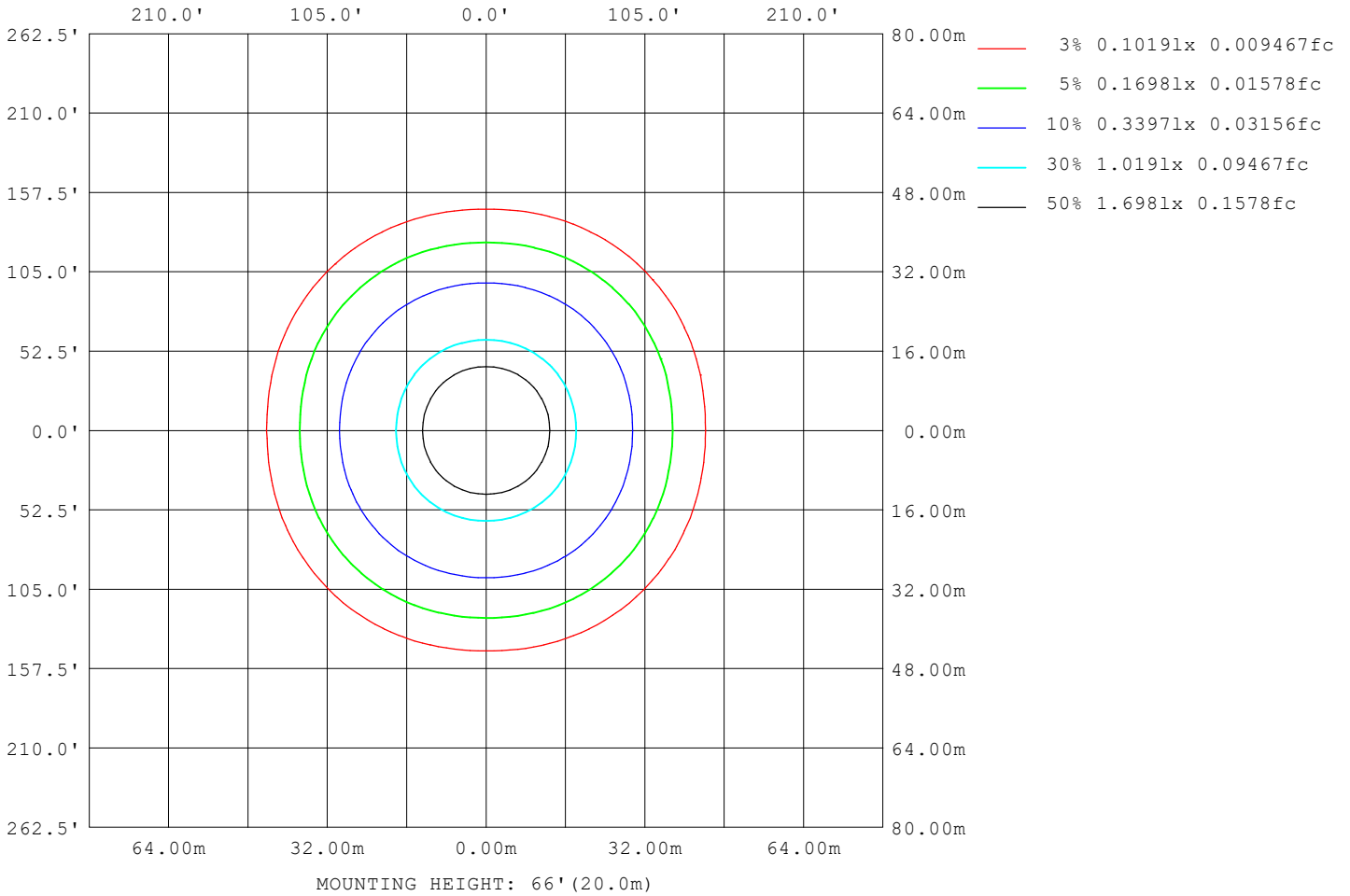
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

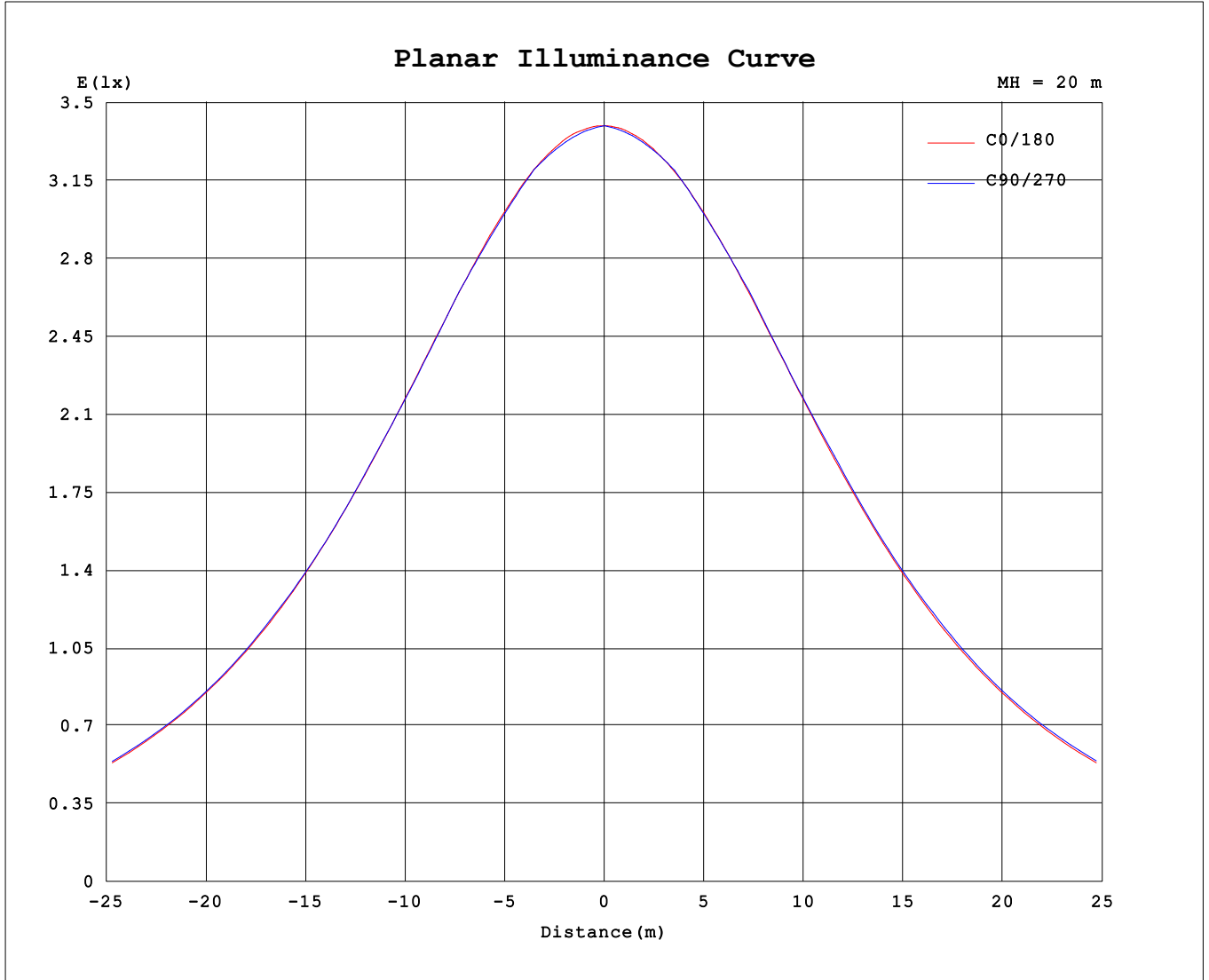
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 40227 |
| L_0~180 (75) av | 43316 |
| L_0~180 (85) av | 68914 |
| L_90~270 (65) av | 41125 |
| L_90~270 (75) av | 45419 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 43076 |
| L_45 (75) av | 49013 |
| L_45 (85) av | 40532 |

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table with test parameters: Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz, NAME: 1000015976 FL-2*2-40W-TCP 5700K, TYPE:, WEIGHT:, SPEC. :, DIM. :, SERIAL No. :, MFR. : EVERFINE, SUR. : 0.585*0.585, Shielding Angle:

Table--1

UNIT: cd

Large data table with columns for C (DEG) and gamma (DEG) from 0 to 90, and rows for gamma (DEG) from 0 to 90, containing luminous intensity values in cd.

H(beta) Range:-90 - 90DEG
H(beta) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3C
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | Shielding Angle: |

Table--2

UNIT: cd

| γ (DEG) \ C (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 5 | 1349 | 1349 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1349 | 1349 | 1349 | 1350 | 1350 | 1351 | 1352 | 1353 | 1352 |
| 10 | 1339 | 1338 | 1337 | 1337 | 1337 | 1337 | 1335 | 1334 | 1334 | 1333 | 1332 | 1333 | 1333 | 1333 | 1333 | 1334 | 1335 | 1336 | 1335 |
| 15 | 1308 | 1308 | 1308 | 1309 | 1308 | 1309 | 1310 | 1311 | 1313 | 1313 | 1311 | 1310 | 1308 | 1307 | 1307 | 1307 | 1308 | 1310 | 1308 |
| 20 | 1278 | 1278 | 1278 | 1276 | 1276 | 1275 | 1275 | 1275 | 1275 | 1275 | 1276 | 1277 | 1275 | 1272 | 1271 | 1271 | 1272 | 1274 | 1272 |
| 25 | 1228 | 1228 | 1228 | 1229 | 1230 | 1232 | 1234 | 1236 | 1233 | 1231 | 1229 | 1229 | 1230 | 1229 | 1226 | 1224 | 1224 | 1227 | 1224 |
| 30 | 1176 | 1176 | 1177 | 1177 | 1178 | 1178 | 1179 | 1179 | 1180 | 1182 | 1179 | 1175 | 1173 | 1173 | 1171 | 1168 | 1168 | 1171 | 1168 |
| 35 | 1110 | 1111 | 1113 | 1115 | 1116 | 1119 | 1121 | 1120 | 1118 | 1117 | 1118 | 1117 | 1111 | 1108 | 1109 | 1105 | 1104 | 1107 | 1104 |
| 40 | 1044 | 1045 | 1046 | 1048 | 1048 | 1049 | 1050 | 1051 | 1053 | 1050 | 1047 | 1045 | 1045 | 1039 | 1037 | 1035 | 1033 | 1035 | 1033 |
| 45 | 965 | 967 | 969 | 972 | 975 | 977 | 978 | 977 | 976 | 976 | 976 | 970 | 967 | 966 | 960 | 959 | 955 | 957 | 955 |
| 50 | 886 | 887 | 890 | 892 | 894 | 895 | 897 | 898 | 901 | 897 | 893 | 891 | 886 | 883 | 878 | 875 | 872 | 874 | 872 |
| 55 | 795 | 798 | 801 | 805 | 809 | 812 | 814 | 814 | 813 | 812 | 810 | 804 | 801 | 795 | 793 | 786 | 784 | 785 | 784 |
| 60 | 705 | 708 | 711 | 715 | 718 | 721 | 723 | 724 | 725 | 722 | 719 | 716 | 710 | 705 | 699 | 694 | 691 | 692 | 692 |
| 65 | 606 | 609 | 614 | 620 | 625 | 629 | 632 | 632 | 630 | 628 | 627 | 621 | 617 | 610 | 604 | 599 | 594 | 595 | 596 |
| 70 | 507 | 510 | 517 | 523 | 528 | 531 | 534 | 535 | 535 | 534 | 529 | 524 | 519 | 512 | 505 | 498 | 493 | 494 | 496 |
| 75 | 409 | 414 | 421 | 427 | 433 | 436 | 438 | 438 | 437 | 435 | 431 | 427 | 421 | 413 | 405 | 396 | 393 | 393 | 397 |
| 80 | 311 | 318 | 325 | 332 | 338 | 343 | 345 | 346 | 346 | 343 | 339 | 332 | 326 | 312 | 281 | 258 | 261 | 296 | 300 |
| 85 | 1.18 | 4.83 | 11.2 | 20.5 | 32.9 | 48.9 | 68.5 | 92.2 | 121 | 155 | 196 | 248 | 245 | 219 | 187 | 160 | 140 | 208 | 220 |
| 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 | 43.8 | 0.00 |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | 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 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 5 | 1351 | 1350 | 1350 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 |
| 10 | 1334 | 1333 | 1332 | 1332 | 1332 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1337 | 1338 | 1338 | 1338 | 1339 | 1339 | 1339 | 1339 |
| 15 | 1307 | 1307 | 1307 | 1308 | 1309 | 1311 | 1313 | 1313 | 1311 | 1310 | 1310 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 |
| 20 | 1270 | 1270 | 1271 | 1274 | 1276 | 1275 | 1275 | 1275 | 1276 | 1276 | 1276 | 1277 | 1277 | 1278 | 1278 | 1278 | 1279 | 1279 | 1279 |
| 25 | 1224 | 1225 | 1228 | 1229 | 1229 | 1230 | 1231 | 1235 | 1238 | 1236 | 1235 | 1232 | 1230 | 1229 | 1229 | 1229 | 1229 | 1230 | 1230 |
| 30 | 1168 | 1171 | 1173 | 1174 | 1176 | 1179 | 1184 | 1182 | 1181 | 1181 | 1180 | 1180 | 1179 | 1179 | 1178 | 1178 | 1179 | 1180 | 1181 |
| 35 | 1105 | 1110 | 1109 | 1112 | 1118 | 1119 | 1119 | 1120 | 1123 | 1124 | 1122 | 1120 | 1117 | 1115 | 1114 | 1113 | 1113 | 1114 | 1116 |
| 40 | 1036 | 1038 | 1041 | 1048 | 1048 | 1049 | 1053 | 1056 | 1055 | 1054 | 1053 | 1052 | 1051 | 1049 | 1048 | 1048 | 1048 | 1048 | 1050 |
| 45 | 960 | 962 | 968 | 971 | 974 | 979 | 979 | 981 | 982 | 983 | 982 | 979 | 976 | 973 | 971 | 969 | 969 | 970 | 973 |
| 50 | 876 | 881 | 886 | 890 | 896 | 898 | 902 | 906 | 905 | 903 | 901 | 899 | 897 | 894 | 892 | 890 | 890 | 892 | 894 |
| 55 | 788 | 797 | 800 | 807 | 811 | 818 | 819 | 820 | 821 | 821 | 819 | 815 | 811 | 807 | 803 | 801 | 800 | 802 | 806 |
| 60 | 697 | 704 | 712 | 717 | 724 | 727 | 731 | 733 | 733 | 731 | 729 | 726 | 723 | 718 | 714 | 711 | 710 | 712 | 716 |
| 65 | 604 | 610 | 618 | 626 | 631 | 636 | 638 | 640 | 641 | 641 | 638 | 633 | 629 | 623 | 617 | 613 | 612 | 614 | 619 |
| 70 | 503 | 512 | 522 | 529 | 535 | 540 | 545 | 545 | 546 | 544 | 542 | 537 | 533 | 527 | 520 | 516 | 514 | 517 | 523 |
| 75 | 405 | 415 | 424 | 433 | 439 | 444 | 447 | 449 | 450 | 450 | 447 | 443 | 438 | 431 | 424 | 418 | 416 | 419 | 426 |
| 80 | 311 | 321 | 331 | 339 | 345 | 352 | 356 | 359 | 359 | 358 | 355 | 350 | 343 | 336 | 328 | 321 | 319 | 322 | 329 |
| 85 | 229 | 236 | 246 | 259 | 262 | 207 | 162 | 126 | 96.4 | 71.4 | 50.8 | 34.2 | 21.2 | 11.6 | 4.99 | 1.22 | 0.00 | 1.22 | 5.01 |
| 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 |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------------|------------------|
| Test:U:120.37V I:0.3137A P:37.640W PF:0.9968 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4457.63x1 lm | | |
| NAME: 1000015976 FL-2*2-40W-TCP 5700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.: 0.585*0.585 | 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 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | | | | |
| 5 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1350 | 1350 | 1351 | 1351 | 1352 | 1352 | 1353 | 1354 | 1355 | | | | |
| 10 | 1338 | 1338 | 1338 | 1338 | 1337 | 1336 | 1336 | 1335 | 1335 | 1335 | 1335 | 1336 | 1336 | 1337 | 1339 | | | | |
| 15 | 1309 | 1311 | 1311 | 1311 | 1312 | 1314 | 1315 | 1316 | 1314 | 1312 | 1311 | 1311 | 1311 | 1311 | 1312 | | | | |
| 20 | 1279 | 1279 | 1279 | 1278 | 1279 | 1278 | 1279 | 1279 | 1280 | 1281 | 1279 | 1276 | 1275 | 1274 | 1276 | | | | |
| 25 | 1232 | 1233 | 1235 | 1237 | 1239 | 1240 | 1238 | 1236 | 1234 | 1234 | 1234 | 1233 | 1229 | 1227 | 1227 | | | | |
| 30 | 1181 | 1182 | 1183 | 1183 | 1184 | 1185 | 1185 | 1187 | 1183 | 1179 | 1177 | 1178 | 1176 | 1172 | 1171 | | | | |
| 35 | 1118 | 1120 | 1123 | 1126 | 1128 | 1126 | 1124 | 1123 | 1122 | 1121 | 1116 | 1113 | 1115 | 1109 | 1107 | | | | |
| 40 | 1052 | 1054 | 1055 | 1056 | 1057 | 1059 | 1060 | 1058 | 1054 | 1051 | 1050 | 1044 | 1042 | 1040 | 1036 | | | | |
| 45 | 976 | 979 | 982 | 985 | 986 | 985 | 985 | 984 | 984 | 978 | 974 | 970 | 965 | 965 | 958 | | | | |
| 50 | 898 | 901 | 903 | 905 | 906 | 907 | 909 | 905 | 902 | 901 | 894 | 889 | 884 | 880 | 875 | | | | |
| 55 | 810 | 815 | 819 | 823 | 825 | 825 | 824 | 822 | 819 | 814 | 811 | 803 | 798 | 791 | 788 | | | | |
| 60 | 721 | 725 | 729 | 732 | 735 | 736 | 738 | 735 | 730 | 726 | 719 | 715 | 705 | 699 | 695 | | | | |
| 65 | 626 | 632 | 636 | 641 | 644 | 644 | 643 | 641 | 639 | 633 | 627 | 619 | 613 | 604 | 599 | | | | |
| 70 | 529 | 536 | 541 | 545 | 547 | 548 | 548 | 546 | 542 | 537 | 532 | 522 | 513 | 504 | 497 | | | | |
| 75 | 434 | 441 | 446 | 450 | 453 | 453 | 451 | 449 | 445 | 440 | 433 | 426 | 415 | 406 | 396 | | | | |
| 80 | 338 | 346 | 352 | 357 | 360 | 361 | 361 | 358 | 354 | 348 | 340 | 331 | 322 | 311 | 300 | | | | |
| 85 | 11.6 | 21.3 | 34.4 | 51.1 | 71.6 | 96.6 | 127 | 163 | 207 | 262 | 260 | 246 | 238 | 228 | 220 | | | | |
| 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 | | | | |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| G/C | 0.0 | 5.0 | 10.0 | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | 45.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1358 | 1357 | 1357 | 1357 | 1356 | 1356 | 1356 | 1356 | 1355 | 1355 |
| 5.0 | 1355 | 1355 | 1354 | 1353 | 1352 | 1352 | 1351 | 1351 | 1350 | 1350 |
| 7.5 | 1348 | 1347 | 1346 | 1345 | 1345 | 1344 | 1344 | 1344 | 1344 | 1344 |
| 10.0 | 1340 | 1339 | 1338 | 1337 | 1336 | 1335 | 1336 | 1336 | 1336 | 1337 |
| 12.5 | 1328 | 1326 | 1325 | 1325 | 1325 | 1325 | 1326 | 1327 | 1327 | 1328 |
| 15.0 | 1314 | 1312 | 1311 | 1311 | 1311 | 1312 | 1313 | 1316 | 1318 | 1317 |
| 17.5 | 1297 | 1295 | 1294 | 1294 | 1295 | 1297 | 1300 | 1301 | 1299 | 1298 |
| 20.0 | 1278 | 1276 | 1275 | 1275 | 1277 | 1280 | 1282 | 1280 | 1279 | 1279 |
| 22.5 | 1255 | 1252 | 1252 | 1253 | 1255 | 1260 | 1259 | 1258 | 1258 | 1259 |
| 25.0 | 1230 | 1227 | 1227 | 1229 | 1233 | 1234 | 1233 | 1234 | 1236 | 1237 |
| 27.5 | 1202 | 1200 | 1201 | 1203 | 1208 | 1207 | 1207 | 1209 | 1212 | 1215 |
| 30.0 | 1173 | 1171 | 1172 | 1176 | 1178 | 1178 | 1180 | 1183 | 1186 | 1185 |
| 32.5 | 1142 | 1140 | 1141 | 1145 | 1146 | 1147 | 1150 | 1155 | 1154 | 1154 |
| 35.0 | 1109 | 1107 | 1109 | 1114 | 1113 | 1115 | 1120 | 1121 | 1122 | 1122 |
| 37.5 | 1074 | 1072 | 1075 | 1078 | 1079 | 1082 | 1086 | 1086 | 1088 | 1091 |
| 40.0 | 1037 | 1036 | 1039 | 1041 | 1043 | 1048 | 1049 | 1051 | 1055 | 1058 |
| 42.5 | 999.0 | 997.6 | 1002 | 1003 | 1006 | 1011 | 1012 | 1016 | 1020 | 1019 |
| 45.0 | 959.6 | 958.3 | 963.9 | 964.0 | 968.8 | 971.2 | 973.7 | 979.7 | 980.0 | 980.3 |
| 47.5 | 918.1 | 917.3 | 922.2 | 923.1 | 929.3 | 930.8 | 935.9 | 938.7 | 940.1 | 942.7 |
| 50.0 | 875.0 | 874.8 | 878.9 | 881.9 | 886.4 | 890.2 | 896.0 | 896.9 | 900.3 | 904.0 |
| 52.5 | 831.7 | 831.8 | 834.9 | 839.6 | 843.0 | 849.3 | 852.3 | 855.0 | 860.9 | 860.9 |
| 55.0 | 786.3 | 787.0 | 789.8 | 796.0 | 799.3 | 805.9 | 807.9 | 813.3 | 816.2 | 817.4 |
| 57.5 | 739.8 | 740.0 | 743.9 | 748.9 | 755.2 | 759.7 | 764.0 | 768.3 | 771.4 | 774.5 |
| 60.0 | 692.9 | 694.3 | 696.8 | 702.1 | 709.7 | 713.2 | 719.3 | 722.4 | 727.3 | 730.3 |
| 62.5 | 644.3 | 646.7 | 649.9 | 654.6 | 660.9 | 667.3 | 671.8 | 677.0 | 681.4 | 682.5 |
| 65.0 | 595.3 | 597.8 | 601.5 | 608.0 | 612.4 | 619.0 | 624.8 | 630.5 | 632.6 | 634.9 |
| 67.5 | 545.2 | 547.1 | 550.7 | 558.0 | 564.7 | 570.5 | 578.3 | 580.8 | 584.5 | 587.6 |
| 70.0 | 493.9 | 495.4 | 500.0 | 507.0 | 514.4 | 523.2 | 527.1 | 532.4 | 536.3 | 537.9 |
| 72.5 | 443.1 | 443.9 | 450.5 | 457.5 | 464.6 | 471.9 | 477.1 | 483.7 | 486.1 | 488.3 |
| 75.0 | 391.7 | 393.2 | 399.1 | 406.9 | 414.9 | 421.7 | 428.0 | 433.9 | 436.7 | 439.1 |
| 77.5 | 341.9 | 343.2 | 348.6 | 358.2 | 365.8 | 373.5 | 380.2 | 385.3 | 389.0 | 392.4 |
| 80.0 | 294.1 | 285.3 | 277.3 | 296.6 | 315.6 | 327.5 | 334.5 | 340.8 | 344.6 | 347.1 |
| 82.5 | 250.6 | 203.1 | 209.4 | 233.9 | 259.3 | 284.8 | 293.2 | 298.1 | 300.9 | 302.4 |
| 85.0 | 212.0 | 153.5 | 165.3 | 186.9 | 218.1 | 245.3 | 250.0 | 197.6 | 155.5 | 121.1 |
| 87.5 | 130.6 | 129.7 | 137.4 | 146.9 | 89.00 | 41.79 | 0 | 0 | 0 | 0 |
| 90.0 | 42.05 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 | 90.0 | 95.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1355 | 1355 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 |
| 5.0 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 |
| 7.5 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 |
| 10.0 | 1337 | 1337 | 1338 | 1338 | 1338 | 1339 | 1339 | 1339 | 1340 | 1339 |
| 12.5 | 1329 | 1329 | 1328 | 1326 | 1326 | 1325 | 1324 | 1324 | 1324 | 1323 |
| 15.0 | 1314 | 1313 | 1312 | 1311 | 1310 | 1310 | 1309 | 1309 | 1309 | 1308 |
| 17.5 | 1297 | 1296 | 1295 | 1295 | 1294 | 1294 | 1294 | 1293 | 1294 | 1293 |
| 20.0 | 1278 | 1279 | 1278 | 1279 | 1278 | 1278 | 1278 | 1278 | 1278 | 1278 |
| 22.5 | 1259 | 1260 | 1262 | 1259 | 1257 | 1256 | 1255 | 1254 | 1253 | 1253 |
| 25.0 | 1240 | 1238 | 1235 | 1234 | 1232 | 1230 | 1229 | 1228 | 1227 | 1228 |
| 27.5 | 1212 | 1210 | 1208 | 1207 | 1206 | 1205 | 1204 | 1203 | 1202 | 1202 |
| 30.0 | 1183 | 1182 | 1181 | 1181 | 1180 | 1179 | 1178 | 1178 | 1176 | 1176 |
| 32.5 | 1154 | 1154 | 1154 | 1154 | 1151 | 1149 | 1146 | 1145 | 1143 | 1143 |
| 35.0 | 1124 | 1125 | 1123 | 1120 | 1117 | 1115 | 1113 | 1112 | 1110 | 1110 |
| 37.5 | 1092 | 1090 | 1088 | 1086 | 1084 | 1082 | 1080 | 1079 | 1078 | 1077 |
| 40.0 | 1056 | 1054 | 1053 | 1051 | 1050 | 1049 | 1047 | 1046 | 1045 | 1044 |
| 42.5 | 1018 | 1018 | 1018 | 1017 | 1015 | 1012 | 1009 | 1006 | 1005 | 1005 |
| 45.0 | 981.3 | 982.1 | 980.9 | 978.1 | 975.2 | 972.1 | 969.0 | 966.7 | 965.2 | 965.3 |
| 47.5 | 944.2 | 941.8 | 939.9 | 938.0 | 935.6 | 932.4 | 929.6 | 927.2 | 925.5 | 925.6 |
| 50.0 | 902.1 | 900.6 | 899.7 | 897.8 | 896.2 | 893.2 | 890.2 | 887.7 | 885.8 | 886.0 |
| 52.5 | 860.2 | 859.7 | 859.8 | 858.2 | 854.9 | 850.7 | 846.0 | 842.6 | 840.4 | 840.9 |
| 55.0 | 818.1 | 817.3 | 817.3 | 813.5 | 809.5 | 805.5 | 800.8 | 797.2 | 795.0 | 795.5 |
| 57.5 | 776.2 | 774.1 | 771.1 | 768.1 | 764.3 | 760.2 | 755.7 | 751.8 | 749.5 | 750.2 |
| 60.0 | 729.0 | 727.7 | 726.0 | 723.2 | 719.4 | 715.1 | 710.7 | 706.4 | 704.1 | 704.8 |
| 62.5 | 682.4 | 682.1 | 680.8 | 678.1 | 672.9 | 667.2 | 661.7 | 656.8 | 654.2 | 655.4 |
| 65.0 | 635.8 | 636.1 | 633.2 | 628.8 | 623.8 | 618.0 | 612.0 | 607.0 | 604.3 | 605.7 |
| 67.5 | 587.6 | 586.7 | 583.9 | 579.8 | 574.7 | 568.9 | 562.3 | 557.3 | 554.4 | 556.1 |
| 70.0 | 538.4 | 537.6 | 534.9 | 531.0 | 525.7 | 519.8 | 512.7 | 507.5 | 504.4 | 506.6 |
| 72.5 | 489.4 | 488.7 | 486.3 | 482.8 | 477.5 | 471.4 | 464.2 | 458.6 | 455.4 | 457.6 |
| 75.0 | 441.1 | 440.9 | 438.8 | 435.4 | 429.9 | 423.3 | 415.9 | 409.7 | 406.5 | 408.7 |
| 77.5 | 394.5 | 393.8 | 391.3 | 388.1 | 382.4 | 375.3 | 367.6 | 360.8 | 357.5 | 359.7 |
| 80.0 | 348.3 | 347.0 | 344.0 | 340.9 | 334.9 | 327.4 | 319.2 | 311.8 | 308.5 | 310.8 |
| 82.5 | 290.6 | 259.2 | 232.6 | 211.2 | 192.6 | 177.3 | 165.4 | 157.3 | 154.2 | 156.8 |
| 85.0 | 92.53 | 68.74 | 49.04 | 33.23 | 20.66 | 11.26 | 4.856 | 1.183 | 0 | 1.179 |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 87.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 100.0 | 105.0 | 110.0 | 115.0 | 120.0 | 125.0 | 130.0 | 135.0 | 140.0 | 145.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1355 |
| 5.0 | 1349 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1348 | 1349 |
| 7.5 | 1343 | 1343 | 1343 | 1343 | 1342 | 1342 | 1342 | 1342 | 1342 | 1341 |
| 10.0 | 1338 | 1337 | 1337 | 1337 | 1337 | 1335 | 1334 | 1334 | 1333 | 1332 |
| 12.5 | 1323 | 1324 | 1325 | 1325 | 1325 | 1326 | 1326 | 1326 | 1324 | 1323 |
| 15.0 | 1308 | 1308 | 1309 | 1308 | 1309 | 1310 | 1311 | 1313 | 1313 | 1311 |
| 17.5 | 1293 | 1293 | 1292 | 1292 | 1293 | 1293 | 1293 | 1294 | 1295 | 1297 |
| 20.0 | 1278 | 1278 | 1276 | 1276 | 1275 | 1275 | 1275 | 1275 | 1275 | 1276 |
| 22.5 | 1253 | 1254 | 1255 | 1257 | 1258 | 1257 | 1255 | 1254 | 1254 | 1253 |
| 25.0 | 1228 | 1228 | 1229 | 1230 | 1232 | 1234 | 1236 | 1233 | 1231 | 1229 |
| 27.5 | 1202 | 1203 | 1203 | 1204 | 1205 | 1207 | 1208 | 1211 | 1208 | 1205 |
| 30.0 | 1176 | 1177 | 1177 | 1178 | 1178 | 1179 | 1179 | 1180 | 1182 | 1179 |
| 32.5 | 1144 | 1146 | 1148 | 1151 | 1151 | 1150 | 1149 | 1149 | 1150 | 1151 |
| 35.0 | 1111 | 1113 | 1115 | 1116 | 1119 | 1121 | 1120 | 1118 | 1117 | 1118 |
| 37.5 | 1078 | 1080 | 1081 | 1083 | 1084 | 1086 | 1088 | 1086 | 1084 | 1082 |
| 40.0 | 1045 | 1046 | 1048 | 1048 | 1049 | 1050 | 1051 | 1053 | 1050 | 1047 |
| 42.5 | 1007 | 1009 | 1012 | 1014 | 1014 | 1014 | 1014 | 1014 | 1015 | 1012 |
| 45.0 | 966.8 | 969.1 | 971.6 | 974.7 | 977.0 | 978.2 | 977.0 | 975.9 | 976.0 | 975.7 |
| 47.5 | 927.1 | 929.5 | 931.7 | 934.4 | 936.1 | 937.6 | 940.3 | 938.3 | 936.3 | 934.5 |
| 50.0 | 887.4 | 889.7 | 891.9 | 893.7 | 895.3 | 896.6 | 897.8 | 900.7 | 896.7 | 892.8 |
| 52.5 | 843.2 | 846.5 | 850.6 | 853.5 | 854.6 | 854.8 | 855.7 | 856.8 | 857.4 | 851.6 |
| 55.0 | 798.1 | 801.4 | 805.4 | 808.6 | 811.5 | 814.1 | 813.6 | 813.1 | 811.7 | 810.5 |
| 57.5 | 752.9 | 756.3 | 760.3 | 763.3 | 766.2 | 768.6 | 770.6 | 769.6 | 766.8 | 764.5 |
| 60.0 | 707.7 | 711.3 | 715.2 | 718.4 | 721.3 | 722.9 | 724.3 | 725.1 | 722.2 | 718.6 |
| 62.5 | 658.7 | 663.5 | 668.8 | 673.7 | 676.4 | 677.6 | 678.2 | 677.5 | 676.1 | 672.6 |
| 65.0 | 609.2 | 614.4 | 620.1 | 624.9 | 629.0 | 631.9 | 632.2 | 630.3 | 628.2 | 626.5 |
| 67.5 | 559.8 | 565.4 | 571.4 | 576.5 | 580.0 | 582.5 | 584.5 | 584.1 | 580.6 | 577.2 |
| 70.0 | 510.5 | 516.6 | 522.9 | 528.0 | 531.4 | 533.7 | 535.1 | 534.7 | 533.6 | 529.2 |
| 72.5 | 462.2 | 468.5 | 474.9 | 479.9 | 482.9 | 485.1 | 485.9 | 485.5 | 483.6 | 481.0 |
| 75.0 | 413.9 | 420.7 | 427.3 | 432.5 | 435.8 | 437.6 | 437.8 | 436.7 | 434.6 | 431.4 |
| 77.5 | 365.7 | 372.9 | 379.7 | 385.2 | 389.1 | 391.3 | 391.8 | 390.5 | 387.2 | 383.3 |
| 80.0 | 317.5 | 325.1 | 332.1 | 338.1 | 342.5 | 345.3 | 346.4 | 345.5 | 342.9 | 338.6 |
| 82.5 | 164.6 | 176.1 | 190.9 | 209.4 | 231.7 | 258.2 | 289.6 | 301.0 | 299.4 | 296.2 |
| 85.0 | 4.831 | 11.19 | 20.48 | 32.95 | 48.86 | 68.49 | 92.25 | 120.5 | 154.7 | 196.3 |
| 87.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 150.0 | 155.0 | 160.0 | 165.0 | 170.0 | 175.0 | 180.0 | 185.0 | 190.0 | 195.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1355 | 1355 | 1355 | 1356 | 1356 | 1357 | 1357 | 1357 | 1356 | 1356 |
| 5.0 | 1349 | 1349 | 1350 | 1350 | 1351 | 1352 | 1353 | 1352 | 1351 | 1350 |
| 7.5 | 1342 | 1342 | 1342 | 1343 | 1343 | 1344 | 1345 | 1344 | 1343 | 1343 |
| 10.0 | 1333 | 1333 | 1333 | 1333 | 1334 | 1335 | 1336 | 1335 | 1334 | 1333 |
| 12.5 | 1322 | 1322 | 1321 | 1321 | 1322 | 1323 | 1325 | 1323 | 1322 | 1321 |
| 15.0 | 1310 | 1308 | 1307 | 1307 | 1307 | 1308 | 1310 | 1308 | 1307 | 1307 |
| 17.5 | 1294 | 1292 | 1291 | 1290 | 1290 | 1292 | 1294 | 1291 | 1290 | 1290 |
| 20.0 | 1277 | 1275 | 1272 | 1271 | 1271 | 1272 | 1274 | 1272 | 1270 | 1270 |
| 22.5 | 1253 | 1255 | 1252 | 1249 | 1248 | 1249 | 1251 | 1249 | 1248 | 1249 |
| 25.0 | 1229 | 1230 | 1229 | 1226 | 1224 | 1224 | 1227 | 1224 | 1224 | 1225 |
| 27.5 | 1203 | 1202 | 1203 | 1199 | 1197 | 1197 | 1200 | 1197 | 1197 | 1199 |
| 30.0 | 1175 | 1173 | 1173 | 1171 | 1168 | 1168 | 1171 | 1168 | 1168 | 1171 |
| 32.5 | 1147 | 1143 | 1142 | 1141 | 1137 | 1136 | 1139 | 1137 | 1137 | 1141 |
| 35.0 | 1117 | 1111 | 1108 | 1109 | 1105 | 1104 | 1107 | 1104 | 1105 | 1110 |
| 37.5 | 1082 | 1079 | 1074 | 1074 | 1071 | 1069 | 1072 | 1069 | 1071 | 1074 |
| 40.0 | 1045 | 1045 | 1039 | 1037 | 1035 | 1033 | 1035 | 1033 | 1036 | 1038 |
| 42.5 | 1008 | 1008 | 1003 | 998.6 | 997.7 | 994.4 | 996.9 | 994.6 | 998.3 | 1000 |
| 45.0 | 970.1 | 967.4 | 965.7 | 959.8 | 959.2 | 954.8 | 957.5 | 955.1 | 960.0 | 961.6 |
| 47.5 | 931.8 | 926.3 | 926.3 | 919.5 | 917.6 | 913.9 | 916.5 | 914.4 | 918.7 | 921.8 |
| 50.0 | 891.2 | 886.4 | 883.4 | 878.5 | 875.2 | 871.6 | 874.1 | 872.3 | 876.4 | 881.0 |
| 52.5 | 847.7 | 844.9 | 839.3 | 836.8 | 831.1 | 827.9 | 830.1 | 828.6 | 833.0 | 839.8 |
| 55.0 | 804.3 | 801.2 | 795.4 | 793.5 | 786.3 | 783.6 | 785.5 | 784.4 | 788.5 | 797.2 |
| 57.5 | 761.2 | 755.4 | 750.9 | 746.2 | 740.5 | 737.5 | 739.1 | 738.8 | 743.2 | 750.7 |
| 60.0 | 716.5 | 710.0 | 705.3 | 698.8 | 694.1 | 690.6 | 691.7 | 692.2 | 697.3 | 703.7 |
| 62.5 | 668.6 | 665.0 | 657.4 | 651.2 | 647.3 | 642.8 | 643.7 | 644.4 | 651.2 | 656.8 |
| 65.0 | 621.0 | 616.7 | 609.8 | 603.9 | 599.4 | 594.1 | 594.8 | 595.8 | 603.8 | 610.2 |
| 67.5 | 574.0 | 567.3 | 563.1 | 554.2 | 548.2 | 543.7 | 544.8 | 546.0 | 553.3 | 561.5 |
| 70.0 | 524.2 | 519.1 | 512.1 | 504.7 | 497.9 | 493.1 | 494.4 | 495.7 | 503.4 | 512.4 |
| 72.5 | 475.7 | 469.5 | 462.3 | 456.5 | 448.0 | 442.7 | 443.8 | 445.5 | 454.0 | 465.3 |
| 75.0 | 427.1 | 420.9 | 413.4 | 405.0 | 395.6 | 392.8 | 393.1 | 396.7 | 404.8 | 415.2 |
| 77.5 | 378.5 | 372.7 | 364.1 | 345.5 | 329.6 | 338.4 | 343.3 | 348.1 | 357.7 | 367.4 |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 80.0 | 332.1 | 325.6 | 312.0 | 281.3 | 257.8 | 261.0 | 295.6 | 300.1 | 310.8 | 321.3 |
| 82.5 | 291.2 | 283.3 | 258.8 | 228.0 | 199.7 | 190.0 | 250.7 | 256.9 | 267.6 | 278.6 |
| 85.0 | 248.3 | 244.6 | 219.2 | 186.8 | 159.8 | 139.6 | 208.4 | 220.0 | 228.9 | 236.0 |
| 87.5 | 0 | 41.74 | 89.72 | 145.7 | 132.2 | 120.0 | 105.5 | 171.0 | 168.1 | 162.8 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 43.78 | 0 | 0 | 0 |
| G/C | 200.0 | 205.0 | 210.0 | 215.0 | 220.0 | 225.0 | 230.0 | 235.0 | 240.0 | 245.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1356 | 1355 | 1355 | 1355 | 1355 | 1355 | 1354 | 1354 | 1354 | 1354 |
| 5.0 | 1350 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 |
| 7.5 | 1343 | 1342 | 1342 | 1342 | 1342 | 1342 | 1342 | 1342 | 1343 | 1343 |
| 10.0 | 1332 | 1332 | 1332 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1337 |
| 12.5 | 1321 | 1322 | 1322 | 1323 | 1324 | 1324 | 1326 | 1327 | 1326 | 1326 |
| 15.0 | 1307 | 1308 | 1309 | 1311 | 1313 | 1313 | 1311 | 1310 | 1310 | 1309 |
| 17.5 | 1290 | 1292 | 1294 | 1296 | 1295 | 1294 | 1294 | 1293 | 1293 | 1293 |
| 20.0 | 1271 | 1274 | 1276 | 1275 | 1275 | 1275 | 1276 | 1276 | 1276 | 1277 |
| 22.5 | 1251 | 1254 | 1253 | 1253 | 1254 | 1256 | 1257 | 1259 | 1260 | 1258 |
| 25.0 | 1228 | 1229 | 1229 | 1230 | 1231 | 1235 | 1238 | 1236 | 1235 | 1232 |
| 27.5 | 1203 | 1202 | 1203 | 1206 | 1209 | 1212 | 1210 | 1209 | 1207 | 1206 |
| 30.0 | 1173 | 1174 | 1176 | 1179 | 1184 | 1182 | 1181 | 1181 | 1180 | 1180 |
| 32.5 | 1142 | 1144 | 1147 | 1153 | 1151 | 1152 | 1152 | 1153 | 1152 | 1153 |
| 35.0 | 1109 | 1112 | 1118 | 1119 | 1119 | 1120 | 1123 | 1124 | 1122 | 1120 |
| 37.5 | 1076 | 1081 | 1084 | 1084 | 1087 | 1089 | 1091 | 1090 | 1088 | 1085 |
| 40.0 | 1041 | 1048 | 1048 | 1049 | 1053 | 1056 | 1055 | 1054 | 1053 | 1052 |
| 42.5 | 1005 | 1011 | 1011 | 1014 | 1018 | 1019 | 1018 | 1018 | 1019 | 1018 |
| 45.0 | 968.4 | 970.7 | 974.1 | 979.0 | 979.2 | 980.9 | 982.4 | 983.2 | 982.3 | 979.0 |
| 47.5 | 929.9 | 930.9 | 935.9 | 938.9 | 940.2 | 943.8 | 947.5 | 943.7 | 941.2 | 939.2 |
| 50.0 | 886.2 | 890.3 | 896.4 | 898.2 | 901.8 | 906.2 | 905.0 | 902.8 | 900.9 | 899.2 |
| 52.5 | 843.4 | 849.4 | 853.0 | 857.5 | 862.9 | 862.7 | 862.7 | 862.2 | 861.1 | 859.1 |
| 55.0 | 800.0 | 806.8 | 810.7 | 817.8 | 818.9 | 820.0 | 821.2 | 821.2 | 818.7 | 814.8 |
| 57.5 | 756.1 | 761.8 | 768.5 | 772.9 | 774.4 | 777.1 | 778.9 | 776.8 | 774.1 | 770.3 |
| 60.0 | 711.6 | 717.1 | 724.4 | 726.9 | 730.7 | 733.4 | 732.7 | 731.2 | 729.1 | 726.1 |
| 62.5 | 664.1 | 673.3 | 677.0 | 681.7 | 685.8 | 686.5 | 686.9 | 685.9 | 684.5 | 681.9 |
| 65.0 | 617.8 | 625.8 | 630.5 | 636.0 | 637.9 | 640.2 | 641.2 | 640.6 | 637.7 | 633.4 |
| 67.5 | 571.6 | 576.8 | 584.3 | 587.6 | 591.0 | 594.0 | 594.0 | 592.5 | 589.6 | 585.3 |
| 70.0 | 521.6 | 529.3 | 534.8 | 540.3 | 544.7 | 545.4 | 545.5 | 544.1 | 541.6 | 537.4 |
| 72.5 | 472.6 | 480.2 | 487.1 | 492.6 | 495.3 | 496.9 | 497.3 | 496.1 | 494.0 | 489.9 |
| 75.0 | 424.0 | 432.6 | 439.3 | 443.8 | 446.9 | 448.8 | 449.9 | 449.6 | 447.5 | 443.1 |
| 77.5 | 376.9 | 385.1 | 391.3 | 396.2 | 400.2 | 403.5 | 404.4 | 403.8 | 401.0 | 396.5 |
| 80.0 | 331.2 | 338.6 | 345.3 | 351.9 | 356.4 | 359.0 | 359.4 | 358.2 | 354.7 | 349.8 |
| 82.5 | 287.1 | 296.7 | 304.4 | 309.9 | 313.3 | 314.9 | 302.4 | 269.1 | 240.7 | 217.2 |
| 85.0 | 246.3 | 259.0 | 261.6 | 206.5 | 162.4 | 126.2 | 96.36 | 71.36 | 50.76 | 34.18 |
| 87.5 | 99.61 | 44.42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 250.0 | 255.0 | 260.0 | 265.0 | 270.0 | 275.0 | 280.0 | 285.0 | 290.0 | 295.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 | 1354 |
| 5.0 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 | 1349 |
| 7.5 | 1343 | 1343 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1343 |
| 10.0 | 1338 | 1338 | 1338 | 1339 | 1339 | 1339 | 1339 | 1338 | 1338 | 1338 |
| 12.5 | 1325 | 1324 | 1324 | 1324 | 1324 | 1324 | 1324 | 1325 | 1325 | 1327 |
| 15.0 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 | 1309 | 1311 | 1311 |
| 17.5 | 1293 | 1293 | 1294 | 1293 | 1294 | 1294 | 1294 | 1294 | 1295 | 1295 |
| 20.0 | 1277 | 1278 | 1278 | 1278 | 1279 | 1279 | 1279 | 1279 | 1279 | 1279 |
| 22.5 | 1256 | 1255 | 1254 | 1253 | 1254 | 1254 | 1255 | 1257 | 1258 | 1260 |
| 25.0 | 1230 | 1229 | 1229 | 1229 | 1229 | 1230 | 1230 | 1232 | 1233 | 1235 |
| 27.5 | 1205 | 1204 | 1204 | 1203 | 1204 | 1205 | 1205 | 1207 | 1208 | 1209 |
| 30.0 | 1179 | 1179 | 1178 | 1178 | 1179 | 1180 | 1181 | 1181 | 1182 | 1183 |
| 32.5 | 1150 | 1148 | 1146 | 1146 | 1146 | 1147 | 1149 | 1151 | 1154 | 1157 |
| 35.0 | 1117 | 1115 | 1114 | 1113 | 1113 | 1114 | 1116 | 1118 | 1120 | 1123 |
| 37.5 | 1084 | 1082 | 1081 | 1080 | 1080 | 1081 | 1083 | 1085 | 1087 | 1089 |
| 40.0 | 1051 | 1049 | 1048 | 1048 | 1048 | 1048 | 1050 | 1052 | 1054 | 1055 |
| 42.5 | 1016 | 1013 | 1010 | 1009 | 1008 | 1010 | 1012 | 1016 | 1018 | 1021 |
| 45.0 | 976.1 | 973.1 | 970.7 | 969.1 | 968.7 | 970.4 | 972.6 | 976.3 | 978.9 | 982.3 |
| 47.5 | 936.8 | 933.4 | 931.2 | 929.8 | 929.2 | 931.1 | 933.4 | 936.9 | 939.7 | 942.7 |
| 50.0 | 897.4 | 894.1 | 891.7 | 890.4 | 889.8 | 891.8 | 894.2 | 897.6 | 900.7 | 902.8 |
| 52.5 | 856.0 | 851.8 | 847.8 | 845.6 | 844.9 | 846.9 | 850.4 | 855.3 | 860.1 | 863.2 |
| 55.0 | 811.3 | 807.2 | 803.2 | 800.6 | 800.1 | 801.9 | 805.7 | 810.4 | 815.0 | 818.9 |
| 57.5 | 767.0 | 762.6 | 758.6 | 755.6 | 755.2 | 756.8 | 760.8 | 765.6 | 770.1 | 774.3 |
| 60.0 | 722.6 | 718.0 | 713.9 | 710.7 | 710.4 | 711.9 | 715.8 | 720.9 | 725.4 | 729.5 |
| 62.5 | 676.7 | 671.1 | 665.9 | 662.1 | 661.3 | 663.2 | 667.8 | 673.8 | 679.5 | 684.5 |
| 65.0 | 628.5 | 622.9 | 617.3 | 613.3 | 612.3 | 614.4 | 619.4 | 625.6 | 631.6 | 636.5 |
| 67.5 | 580.6 | 574.7 | 568.8 | 564.5 | 563.3 | 565.6 | 571.0 | 577.5 | 583.8 | 588.7 |
| 70.0 | 532.7 | 526.5 | 520.3 | 515.7 | 514.3 | 516.7 | 522.6 | 529.5 | 536.0 | 541.1 |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 72.5 | 485.1 | 478.8 | 472.1 | 466.9 | 465.3 | 467.9 | 474.3 | 481.5 | 488.2 | 493.6 |
| 75.0 | 437.9 | 431.1 | 424.0 | 418.2 | 416.4 | 419.1 | 426.0 | 433.7 | 440.7 | 446.3 |
| 77.5 | 390.6 | 383.4 | 376.0 | 369.5 | 367.5 | 370.4 | 377.7 | 385.8 | 393.2 | 399.0 |
| 80.0 | 343.5 | 335.8 | 327.9 | 320.9 | 318.6 | 321.7 | 329.4 | 337.9 | 345.7 | 351.9 |
| 82.5 | 197.7 | 182.0 | 170.0 | 161.9 | 159.3 | 162.3 | 170.8 | 183.1 | 199.0 | 218.5 |
| 85.0 | 21.21 | 11.56 | 4.990 | 1.217 | 0 | 1.220 | 5.013 | 11.64 | 21.35 | 34.38 |
| 87.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 300.0 | 305.0 | 310.0 | 315.0 | 320.0 | 325.0 | 330.0 | 335.0 | 340.0 | 345.0 |
| 0.0 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 | 1359 |
| 2.5 | 1355 | 1355 | 1355 | 1355 | 1355 | 1356 | 1356 | 1356 | 1356 | 1357 |
| 5.0 | 1349 | 1349 | 1349 | 1350 | 1350 | 1351 | 1351 | 1352 | 1352 | 1353 |
| 7.5 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | 1345 |
| 10.0 | 1338 | 1337 | 1336 | 1336 | 1335 | 1335 | 1335 | 1335 | 1336 | 1336 |
| 12.5 | 1327 | 1329 | 1328 | 1328 | 1326 | 1325 | 1325 | 1325 | 1324 | 1324 |
| 15.0 | 1311 | 1312 | 1314 | 1315 | 1316 | 1314 | 1312 | 1311 | 1311 | 1311 |
| 17.5 | 1295 | 1295 | 1297 | 1297 | 1299 | 1301 | 1299 | 1297 | 1297 | 1294 |
| 20.0 | 1278 | 1279 | 1278 | 1279 | 1279 | 1280 | 1281 | 1279 | 1276 | 1275 |
| 22.5 | 1262 | 1261 | 1259 | 1258 | 1258 | 1258 | 1258 | 1260 | 1256 | 1253 |
| 25.0 | 1237 | 1239 | 1240 | 1238 | 1236 | 1234 | 1234 | 1234 | 1233 | 1229 |
| 27.5 | 1210 | 1211 | 1213 | 1215 | 1212 | 1209 | 1207 | 1206 | 1207 | 1203 |
| 30.0 | 1183 | 1184 | 1185 | 1185 | 1187 | 1183 | 1179 | 1177 | 1178 | 1176 |
| 32.5 | 1156 | 1156 | 1155 | 1155 | 1155 | 1156 | 1150 | 1147 | 1146 | 1145 |
| 35.0 | 1126 | 1128 | 1126 | 1124 | 1123 | 1122 | 1121 | 1116 | 1113 | 1115 |
| 37.5 | 1091 | 1093 | 1096 | 1094 | 1090 | 1088 | 1087 | 1083 | 1080 | 1079 |
| 40.0 | 1056 | 1057 | 1059 | 1060 | 1058 | 1054 | 1051 | 1050 | 1044 | 1042 |
| 42.5 | 1022 | 1022 | 1022 | 1022 | 1024 | 1019 | 1015 | 1013 | 1008 | 1004 |
| 45.0 | 984.8 | 985.8 | 985.4 | 984.7 | 984.1 | 984.2 | 977.9 | 973.8 | 970.3 | 965.5 |
| 47.5 | 944.9 | 946.8 | 948.7 | 947.2 | 944.6 | 943.2 | 940.3 | 934.1 | 931.5 | 924.4 |
| 50.0 | 904.8 | 906.3 | 907.5 | 909.2 | 905.2 | 902.1 | 900.8 | 894.3 | 889.4 | 883.8 |
| 52.5 | 864.8 | 865.8 | 866.3 | 866.2 | 866.0 | 860.8 | 857.4 | 854.0 | 846.3 | 841.4 |
| 55.0 | 822.9 | 825.5 | 824.8 | 823.7 | 821.9 | 819.4 | 813.7 | 810.9 | 802.9 | 798.0 |
| 57.5 | 777.7 | 780.4 | 783.3 | 781.5 | 778.1 | 775.1 | 770.4 | 765.0 | 759.9 | 752.1 |
| 60.0 | 732.3 | 734.6 | 736.3 | 738.1 | 734.5 | 729.7 | 726.1 | 719.2 | 714.8 | 705.4 |
| 62.5 | 687.4 | 689.1 | 689.9 | 690.3 | 689.8 | 685.2 | 679.3 | 674.1 | 666.7 | 659.3 |
| 65.0 | 640.7 | 643.5 | 644.0 | 643.3 | 640.9 | 639.5 | 633.0 | 626.7 | 619.1 | 613.0 |
| 67.5 | 592.6 | 595.3 | 596.6 | 596.4 | 593.2 | 590.0 | 587.2 | 578.7 | 571.9 | 563.6 |
| 70.0 | 544.8 | 547.2 | 548.2 | 547.6 | 545.8 | 541.6 | 537.3 | 532.0 | 522.4 | 513.1 |
| 72.5 | 497.2 | 499.5 | 500.2 | 499.1 | 497.0 | 493.4 | 488.0 | 482.2 | 474.1 | 464.4 |
| 75.0 | 450.2 | 452.5 | 452.9 | 451.4 | 449.4 | 445.2 | 440.1 | 432.9 | 425.8 | 415.2 |
| 77.5 | 403.4 | 406.1 | 406.8 | 405.7 | 402.9 | 398.6 | 393.0 | 385.7 | 377.2 | 368.8 |
| 80.0 | 356.8 | 359.8 | 361.0 | 360.6 | 358.3 | 354.1 | 347.7 | 340.4 | 331.2 | 321.6 |
| 82.5 | 242.1 | 270.0 | 303.1 | 315.9 | 314.5 | 311.4 | 306.0 | 298.5 | 289.1 | 278.7 |
| 85.0 | 51.05 | 71.60 | 96.56 | 126.7 | 162.8 | 207.2 | 262.5 | 260.1 | 245.6 | 238.2 |
| 87.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44.59 | 98.48 | 166.7 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G/C | 350.0 | 355.0 | | | | | | | | |
| 0.0 | 1359 | 1359 | | | | | | | | |
| 2.5 | 1357 | 1357 | | | | | | | | |
| 5.0 | 1354 | 1355 | | | | | | | | |
| 7.5 | 1346 | 1347 | | | | | | | | |
| 10.0 | 1337 | 1339 | | | | | | | | |
| 12.5 | 1325 | 1326 | | | | | | | | |
| 15.0 | 1311 | 1312 | | | | | | | | |
| 17.5 | 1294 | 1295 | | | | | | | | |
| 20.0 | 1274 | 1276 | | | | | | | | |
| 22.5 | 1252 | 1252 | | | | | | | | |
| 25.0 | 1227 | 1227 | | | | | | | | |
| 27.5 | 1200 | 1200 | | | | | | | | |
| 30.0 | 1172 | 1171 | | | | | | | | |
| 32.5 | 1141 | 1140 | | | | | | | | |
| 35.0 | 1109 | 1107 | | | | | | | | |
| 37.5 | 1075 | 1072 | | | | | | | | |
| 40.0 | 1040 | 1036 | | | | | | | | |
| 42.5 | 1003 | 998.0 | | | | | | | | |
| 45.0 | 964.7 | 958.4 | | | | | | | | |
| 47.5 | 923.1 | 917.8 | | | | | | | | |
| 50.0 | 880.0 | 875.4 | | | | | | | | |
| 52.5 | 836.0 | 831.9 | | | | | | | | |
| 55.0 | 791.0 | 787.6 | | | | | | | | |
| 57.5 | 745.3 | 741.8 | | | | | | | | |
| 60.0 | 698.8 | 695.4 | | | | | | | | |
| 62.5 | 651.9 | 647.9 | | | | | | | | |

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-04-12

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

| | | |
|------|-------|-------|
| 65.0 | 603.9 | 598.9 |
| 67.5 | 553.9 | 548.5 |
| 70.0 | 504.3 | 497.3 |
| 72.5 | 455.6 | 446.3 |
| 75.0 | 405.7 | 396.0 |
| 77.5 | 356.9 | 346.8 |
| 80.0 | 310.6 | 300.2 |
| 82.5 | 268.4 | 257.2 |
| 85.0 | 228.4 | 220.1 |
| 87.5 | 175.8 | 174.3 |
| 90.0 | 0 | 0 |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-04-12

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.480
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks: