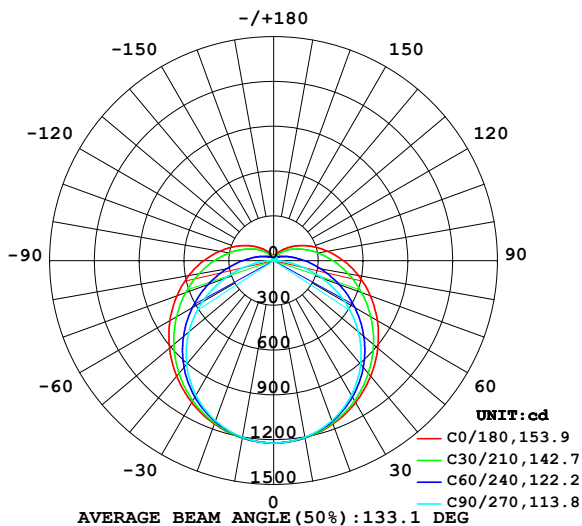


LUMINAIRE PHOTOMETRIC TEST REPORT

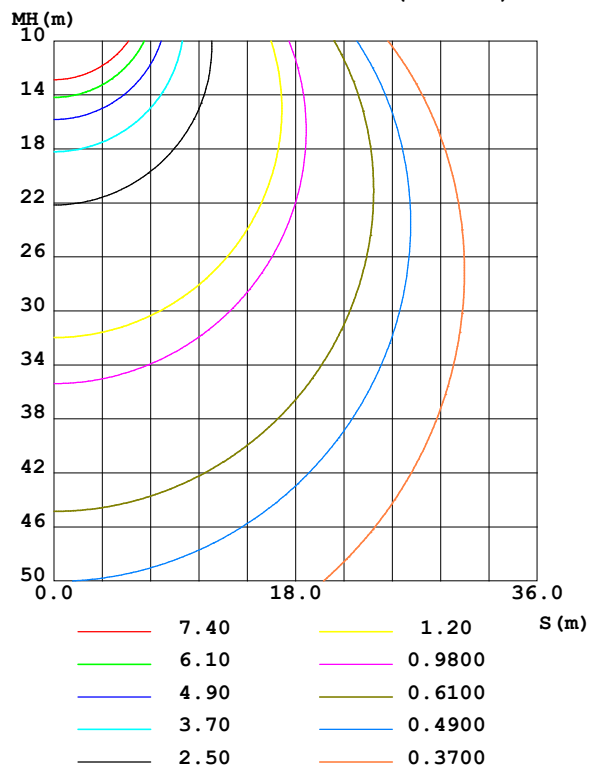
| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 144.44 lm/W | | | |
|------------------|---------|-----------------------------------|---------|------------------------|----------|
| MODEL | | Imax (cd) | 1222 | S/MH(C0/180) | 1.34 |
| NOMINAL POWER(W) | 36 | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 5212.9 | η UP,DN(C0-180) | 7.4,42.6 |
| NOMINAL FLUX(lm) | 5212.92 | CIE CLASS | SEMI-D. | η UP,DN(C180-360) | 7.4,42.6 |
| LAMPS INSIDE | 1 | η up (%) | 14.8 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 230 | η down (%) | 85.2 | CIBSE SHR MAX | 1.55 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [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 | 1207 | 1204 | 1202 | 1204 | 1207 | 1204 | 1202 | 1204 | 0- 10 | 115.8 | 115.8 | 2.22,2.22 |
| 20 | 1164 | 1153 | 1141 | 1153 | 1164 | 1153 | 1141 | 1153 | 10- 20 | 334.0 | 449.8 | 8.63,8.63 |
| 30 | 1097 | 1070 | 1042 | 1070 | 1097 | 1070 | 1042 | 1070 | 20- 30 | 514.2 | 964.1 | 18.5,18.5 |
| 40 | 1012 | 960.6 | 906.9 | 960.6 | 1012 | 960.6 | 906.9 | 960.6 | 30- 40 | 637.5 | 1602 | 30.7,30.7 |
| 50 | 911.7 | 831.3 | 740.8 | 831.3 | 911.7 | 831.3 | 740.8 | 831.3 | 40- 50 | 692.8 | 2294 | 44,44 |
| 60 | 802.6 | 690.1 | 550.9 | 690.1 | 802.6 | 690.1 | 550.9 | 690.1 | 50- 60 | 679.2 | 2973 | 57,57 |
| 70 | 689.6 | 547.2 | 346.3 | 547.2 | 689.6 | 547.2 | 346.3 | 547.2 | 60- 70 | 606.0 | 3579 | 68.7,68.7 |
| 80 | 577.0 | 414.2 | 150.7 | 414.2 | 577.0 | 414.2 | 150.7 | 414.2 | 70- 80 | 492.8 | 4072 | 78.1,78.1 |
| 90 | 468.7 | 302.9 | 7.386 | 302.9 | 468.7 | 302.9 | 7.386 | 302.9 | 80- 90 | 366.5 | 4439 | 85.2,85.2 |
| 100 | 368.6 | 217.5 | 10.06 | 217.5 | 368.6 | 217.5 | 10.06 | 217.5 | 90-100 | 265.6 | 4704 | 90.2,90.2 |
| 110 | 279.4 | 153.0 | 13.12 | 153.0 | 279.4 | 153.0 | 13.12 | 153.0 | 100-110 | 188.8 | 4893 | 93.9,93.9 |
| 120 | 203.4 | 107.7 | 16.33 | 107.7 | 203.4 | 107.7 | 16.33 | 107.7 | 110-120 | 128.0 | 5021 | 96.3,96.3 |
| 130 | 142.3 | 73.74 | 19.48 | 73.74 | 142.3 | 73.74 | 19.48 | 73.74 | 120-130 | 82.70 | 5104 | 97.9,97.9 |
| 140 | 96.06 | 51.41 | 22.41 | 51.41 | 96.06 | 51.41 | 22.41 | 51.41 | 130-140 | 49.91 | 5154 | 98.9,98.9 |
| 150 | 63.66 | 39.06 | 25.38 | 39.06 | 63.66 | 39.06 | 25.38 | 39.06 | 140-150 | 29.61 | 5183 | 99.4,99.4 |
| 160 | 43.46 | 33.16 | 28.18 | 33.16 | 43.46 | 33.16 | 28.18 | 33.16 | 150-160 | 17.23 | 5201 | 99.8,99.8 |
| 170 | 33.80 | 31.25 | 30.45 | 31.25 | 33.80 | 31.25 | 30.45 | 31.25 | 160-170 | 9.262 | 5210 | 99.9,99.9 |
| 180 | 29.98 | 31.11 | 31.62 | 31.11 | 29.98 | 31.11 | 31.62 | 31.11 | 170-180 | 2.978 | 5213 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 1945.4 lm

%lum = 37.3%

%lamp = 37.3%

Conical surface Flux(120deg): 2973.4 lm

%lum = 57.0%

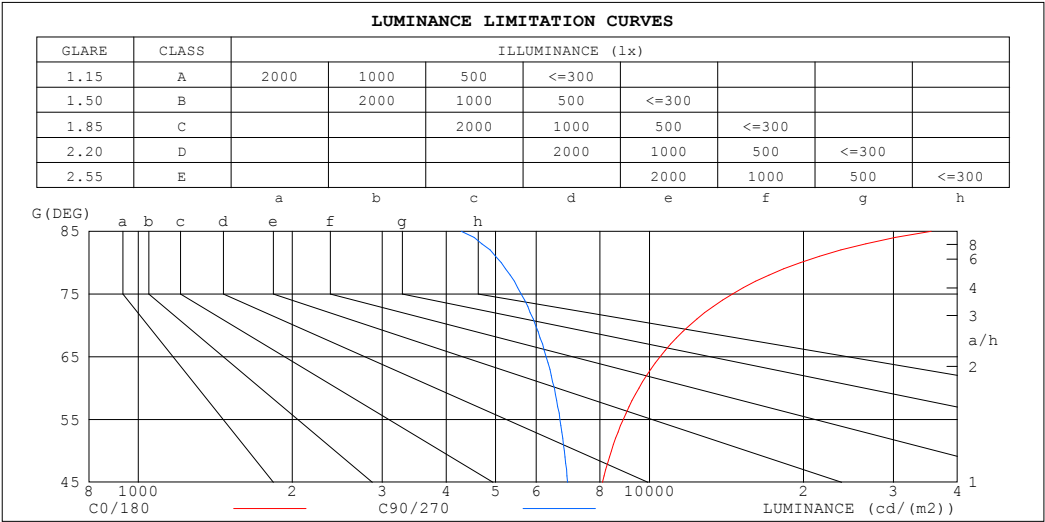
%lamp = 57.0%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:QC
 Test Date:2024-06-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:10.700m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 35555 | 4281 |
| 80 | 19730 | 5127 |
| 75 | 14525 | 5611 |
| 70 | 11971 | 5983 |
| 65 | 10488 | 6279 |
| 60 | 9531 | 6511 |
| 55 | 8881 | 6675 |
| 50 | 8421 | 6811 |
| 45 | 8086 | 6917 |

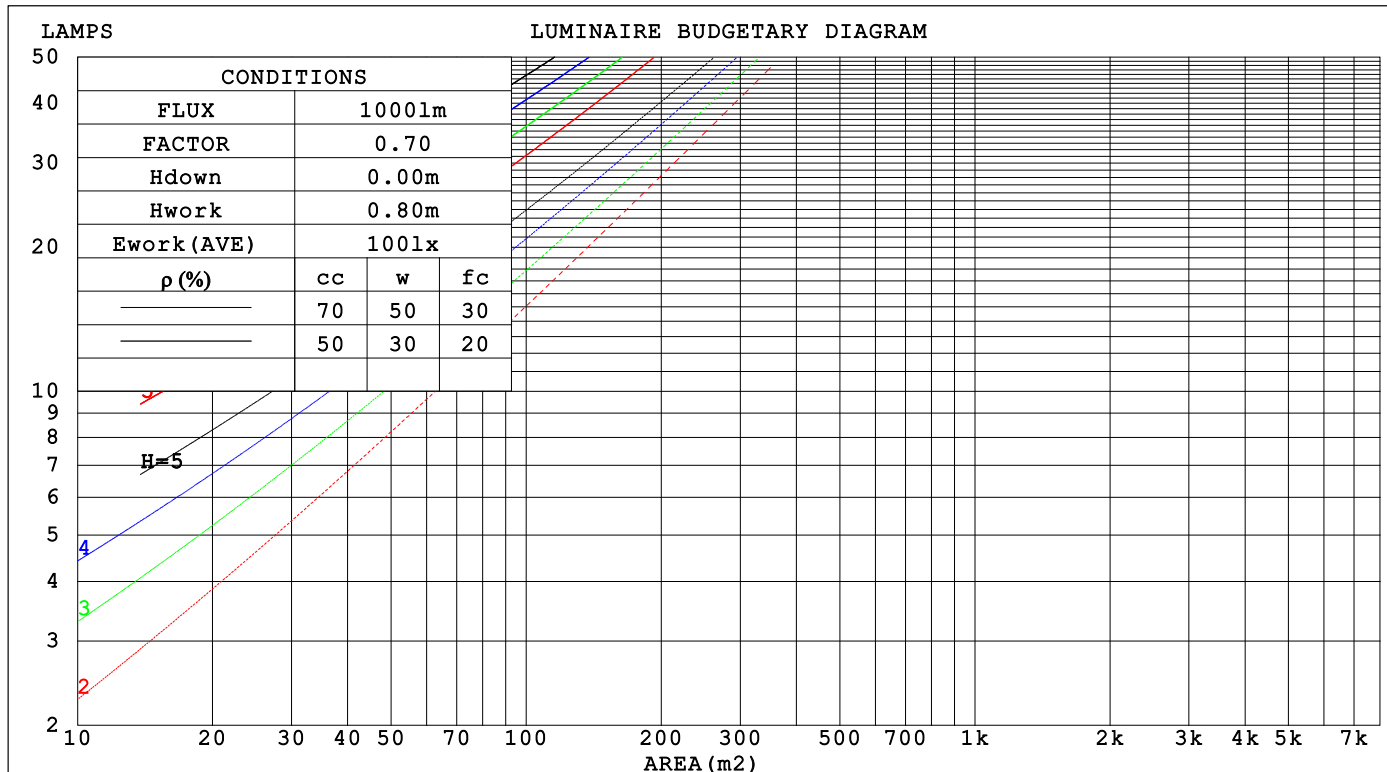
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.03 | 1.03 | 1.03 | .95 | .95 | .95 | .88 | .88 | .88 | .85 |
| 1.0 | .97 | .91 | .87 | .93 | .88 | .84 | .86 | .82 | .78 | .79 | .76 | .73 | .73 | .71 | .69 | .65 |
| 2.0 | .83 | .75 | .68 | .80 | .72 | .66 | .74 | .68 | .63 | .68 | .63 | .59 | .63 | .59 | .55 | .52 |
| 3.0 | .72 | .63 | .56 | .69 | .61 | .54 | .64 | .57 | .51 | .59 | .53 | .49 | .55 | .50 | .46 | .43 |
| 4.0 | .63 | .54 | .46 | .61 | .52 | .45 | .56 | .49 | .43 | .52 | .46 | .41 | .48 | .43 | .39 | .36 |
| 5.0 | .56 | .47 | .40 | .54 | .45 | .39 | .50 | .43 | .37 | .47 | .40 | .35 | .43 | .38 | .33 | .31 |
| 6.0 | .50 | .41 | .34 | .48 | .40 | .33 | .45 | .38 | .32 | .42 | .35 | .30 | .39 | .33 | .29 | .27 |
| 7.0 | .45 | .36 | .30 | .44 | .35 | .29 | .41 | .33 | .28 | .38 | .32 | .27 | .36 | .30 | .26 | .23 |
| 8.0 | .41 | .32 | .26 | .40 | .32 | .26 | .37 | .30 | .25 | .35 | .29 | .24 | .33 | .27 | .23 | .21 |
| 9.0 | .38 | .29 | .24 | .37 | .29 | .23 | .34 | .27 | .22 | .32 | .26 | .21 | .30 | .25 | .21 | .18 |
| 10.0 | .35 | .27 | .21 | .34 | .26 | .21 | .32 | .25 | .20 | .30 | .24 | .19 | .28 | .22 | .19 | .17 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------------------------|--|--|------------------------|--|--|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | SUR.: | | | Shielding Angle: | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .380 | .216 | .068 | .368 | .210 | .067 | .346 | .199 | .063 | .326 | .188 | .060 | .307 | .178 | .057 | | |
| 2.0 | .331 | .181 | .056 | .320 | .176 | .054 | .301 | .167 | .052 | .282 | .158 | .050 | .265 | .150 | .047 | | |
| 3.0 | .295 | .157 | .047 | .285 | .153 | .046 | .267 | .145 | .044 | .251 | .137 | .042 | .235 | .130 | .040 | | |
| 4.0 | .266 | .138 | .041 | .257 | .135 | .040 | .241 | .128 | .038 | .226 | .121 | .037 | .212 | .115 | .035 | | |
| 5.0 | .242 | .123 | .036 | .234 | .120 | .035 | .220 | .114 | .034 | .206 | .109 | .032 | .193 | .103 | .031 | | |
| 6.0 | .222 | .111 | .032 | .215 | .109 | .031 | .202 | .103 | .030 | .189 | .098 | .029 | .177 | .093 | .028 | | |
| 7.0 | .205 | .101 | .029 | .198 | .099 | .028 | .186 | .094 | .027 | .175 | .090 | .026 | .164 | .085 | .025 | | |
| 8.0 | .190 | .093 | .026 | .184 | .091 | .026 | .173 | .086 | .025 | .163 | .082 | .024 | .153 | .078 | .023 | | |
| 9.0 | .177 | .086 | .024 | .172 | .084 | .024 | .162 | .080 | .023 | .152 | .076 | .022 | .143 | .073 | .021 | | |
| 10.0 | .166 | .080 | .022 | .161 | .078 | .022 | .152 | .074 | .021 | .143 | .071 | .020 | .134 | .067 | .019 | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | | |
| 0.0 | .304 | .304 | .304 | .259 | .259 | .259 | .177 | .177 | .177 | .102 | .102 | .102 | .033 | .033 | .033 | | |
| 1.0 | .299 | .270 | .243 | .256 | .231 | .209 | .175 | .159 | .145 | .101 | .092 | .084 | .032 | .030 | .027 | | |
| 2.0 | .292 | .247 | .208 | .250 | .212 | .180 | .172 | .147 | .125 | .099 | .085 | .074 | .032 | .028 | .024 | | |
| 3.0 | .285 | .230 | .186 | .244 | .198 | .161 | .168 | .138 | .113 | .097 | .080 | .067 | .031 | .026 | .022 | | |
| 4.0 | .277 | .217 | .172 | .238 | .188 | .149 | .163 | .131 | .105 | .095 | .077 | .062 | .030 | .025 | .020 | | |
| 5.0 | .269 | .207 | .162 | .231 | .179 | .141 | .159 | .125 | .099 | .092 | .074 | .059 | .030 | .024 | .019 | | |
| 6.0 | .262 | .199 | .155 | .225 | .173 | .135 | .155 | .121 | .095 | .090 | .071 | .057 | .029 | .023 | .019 | | |
| 7.0 | .255 | .193 | .149 | .219 | .167 | .130 | .151 | .117 | .092 | .088 | .069 | .055 | .028 | .023 | .018 | | |
| 8.0 | .248 | .187 | .145 | .213 | .162 | .127 | .148 | .114 | .090 | .086 | .067 | .054 | .028 | .022 | .018 | | |
| 9.0 | .242 | .182 | .142 | .208 | .158 | .124 | .144 | .111 | .088 | .084 | .066 | .053 | .027 | .022 | .017 | | |
| 10.0 | .236 | .178 | .140 | .203 | .155 | .122 | .141 | .109 | .087 | .082 | .064 | .052 | .027 | .021 | .017 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | | | | | | | | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | 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 | 14.1 | 15.5 | 14.5 | 15.9 | 16.5 | 12.6 | 14.0 | 13.1 | 14.5 | 15.0 |
| 3H | 16.6 | 17.9 | 17.1 | 18.4 | 19.0 | 14.2 | 15.5 | 14.7 | 16.0 | 16.5 |
| 4H | 18.1 | 19.3 | 18.6 | 19.8 | 20.4 | 14.9 | 16.1 | 15.4 | 16.6 | 17.2 |
| 6H | 19.6 | 20.8 | 20.2 | 21.3 | 21.9 | 15.4 | 16.6 | 15.9 | 17.1 | 17.7 |
| 8H | 20.5 | 21.6 | 21.0 | 22.2 | 22.8 | 15.6 | 16.7 | 16.1 | 17.2 | 17.8 |
| 12H | 21.5 | 22.6 | 22.0 | 23.1 | 23.7 | 15.7 | 16.7 | 16.2 | 17.3 | 17.9 |
| 4H 2H | 14.7 | 15.9 | 15.2 | 16.4 | 17.0 | 13.6 | 14.8 | 14.1 | 15.3 | 15.9 |
| 3H | 17.5 | 18.6 | 18.0 | 19.1 | 19.7 | 15.4 | 16.5 | 16.0 | 17.1 | 17.7 |
| 4H | 19.1 | 20.1 | 19.7 | 20.6 | 21.3 | 16.3 | 17.3 | 16.9 | 17.9 | 18.5 |
| 6H | 20.8 | 21.7 | 21.5 | 22.3 | 23.0 | 17.0 | 17.9 | 17.6 | 18.5 | 19.2 |
| 8H | 21.8 | 22.7 | 22.5 | 23.3 | 24.0 | 17.3 | 18.1 | 17.9 | 18.7 | 19.4 |
| 12H | 23.0 | 23.7 | 23.6 | 24.4 | 25.1 | 17.5 | 18.2 | 18.1 | 18.9 | 19.6 |
| 8H 4H | 19.4 | 20.3 | 20.0 | 20.9 | 21.6 | 17.2 | 18.0 | 17.8 | 18.6 | 19.3 |
| 6H | 21.5 | 22.2 | 22.2 | 22.9 | 23.6 | 18.2 | 18.9 | 18.9 | 19.6 | 20.3 |
| 8H | 22.7 | 23.3 | 23.4 | 24.0 | 24.8 | 18.7 | 19.3 | 19.4 | 20.0 | 20.8 |
| 12H | 24.1 | 24.6 | 24.8 | 25.3 | 26.1 | 19.1 | 19.7 | 19.8 | 20.3 | 21.1 |
| 12H 4H | 19.4 | 20.2 | 20.1 | 20.9 | 21.6 | 17.5 | 18.2 | 18.1 | 18.9 | 19.6 |
| 6H | 21.6 | 22.3 | 22.3 | 22.9 | 23.7 | 18.7 | 19.3 | 19.4 | 20.0 | 20.8 |
| 8H | 22.9 | 23.5 | 23.6 | 24.2 | 25.0 | 19.3 | 19.9 | 20.0 | 20.6 | 21.4 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |

CIE Pub.117, 5213 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.7)
Area: 0.1691 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

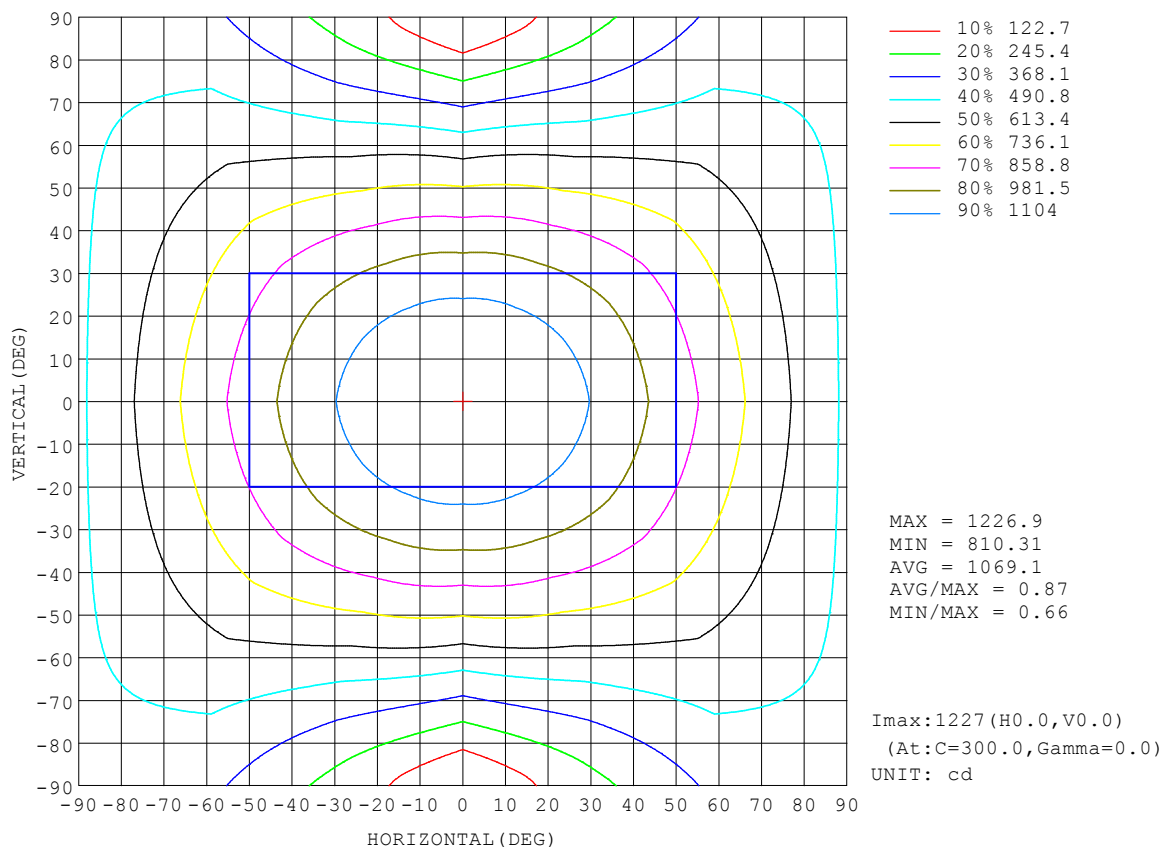
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 49 | 37 | 29 | 48 | 36 | 29 | 46 | 35 | 29 | 22 |
| 0.80 | 58 | 45 | 37 | 57 | 45 | 37 | 54 | 43 | 36 | 29 |
| 1.00 | 66 | 53 | 45 | 64 | 52 | 45 | 61 | 53 | 44 | 35 |
| 1.25 | 73 | 61 | 52 | 71 | 59 | 51 | 67 | 57 | 50 | 41 |
| 1.50 | 78 | 66 | 58 | 76 | 65 | 57 | 71 | 62 | 55 | 45 |
| 2.00 | 85 | 75 | 66 | 83 | 73 | 65 | 77 | 69 | 63 | 52 |
| 2.50 | 90 | 80 | 72 | 87 | 78 | 70 | 81 | 73 | 67 | 55 |
| 3.00 | 93 | 84 | 77 | 90 | 82 | 75 | 84 | 77 | 72 | 59 |
| 4.00 | 98 | 90 | 84 | 94 | 88 | 82 | 88 | 82 | 77 | 64 |
| 5.00 | 101 | 94 | 89 | 97 | 91 | 86 | 90 | 85 | 81 | 67 |
| 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: 25.3°C
Operators: QC
Test Date: 2024-06-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 10.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

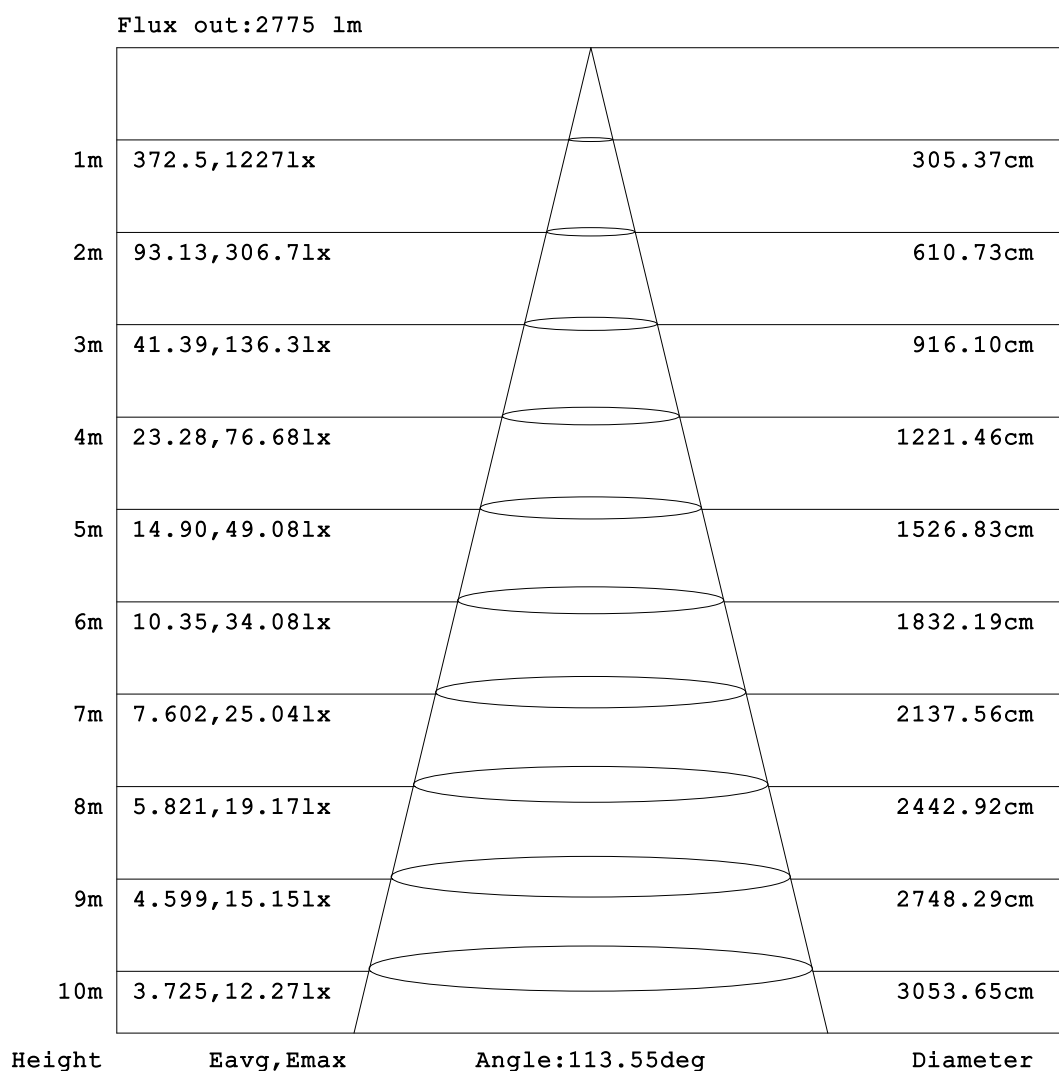


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



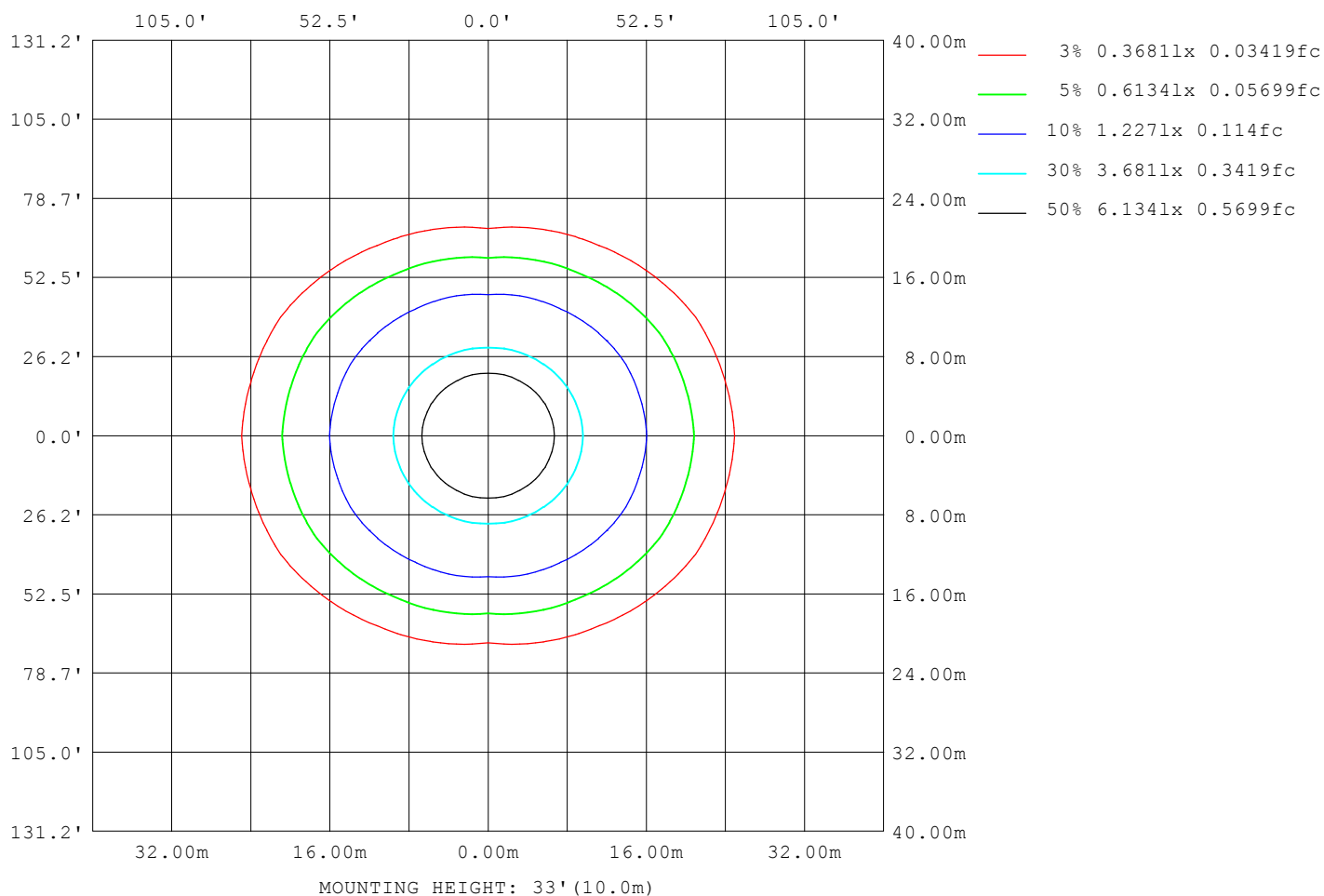
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:QC
 Test Date:2024-06-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:10.700m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

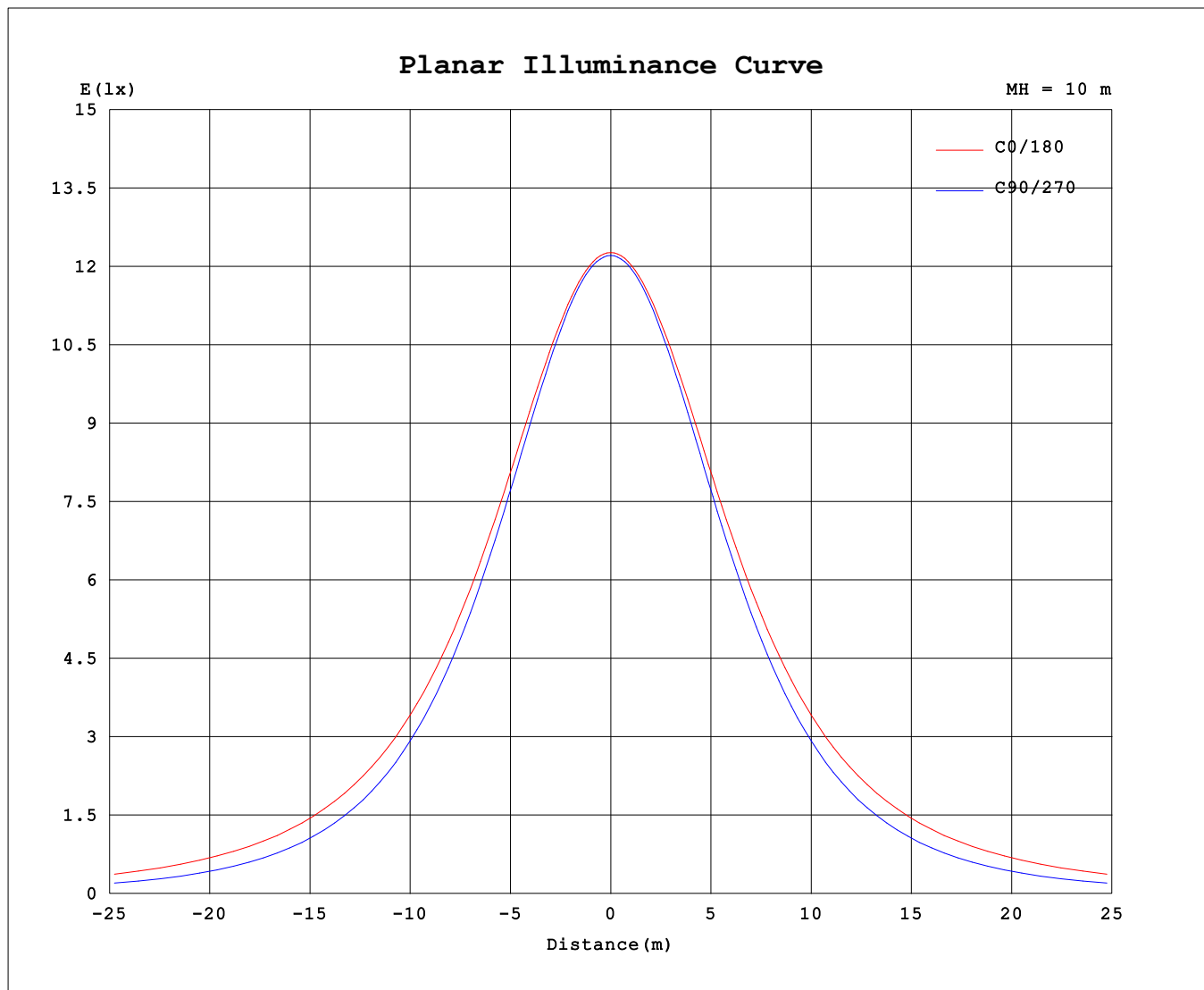
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 10446 |
| L_0~180 (75) av | 14467 |
| L_0~180 (85) av | 35413 |
| L_90~270 (65) av | 6283 |
| L_90~270 (75) av | 5615 |
| L_90~270 (85) av | 4284 |
| L_45 (65) av | 8686 |
| L_45 (75) av | 11051 |
| L_45 (85) av | 24640 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: QC
 Test Date: 2024-06-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 10.700m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------|------------------|
| Test:U:230.28V I:0.1615A P:36.091W PF:0.9703 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5212.92x1 lm | | |
| NAME: TI60LE-CC-36-1200K-40H-R8 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | 1222 | | | | | | |
| 5 | 1218 | 1218 | 1217 | 1217 | 1217 | 1218 | 1218 | 1218 | 1217 | 1217 | 1217 | 1218 | | | | | | |
| 10 | 1207 | 1206 | 1203 | 1202 | 1203 | 1206 | 1207 | 1206 | 1203 | 1202 | 1203 | 1206 | | | | | | |
| 15 | 1189 | 1186 | 1179 | 1176 | 1179 | 1186 | 1189 | 1186 | 1179 | 1176 | 1179 | 1186 | | | | | | |
| 20 | 1164 | 1158 | 1147 | 1141 | 1147 | 1158 | 1164 | 1158 | 1147 | 1141 | 1147 | 1158 | | | | | | |
| 25 | 1133 | 1124 | 1105 | 1096 | 1105 | 1124 | 1133 | 1124 | 1105 | 1096 | 1105 | 1124 | | | | | | |
| 30 | 1097 | 1084 | 1056 | 1042 | 1056 | 1084 | 1097 | 1084 | 1056 | 1042 | 1056 | 1084 | | | | | | |
| 35 | 1057 | 1038 | 998 | 979 | 998 | 1038 | 1057 | 1038 | 998 | 979 | 998 | 1038 | | | | | | |
| 40 | 1012 | 987 | 934 | 907 | 934 | 987 | 1012 | 987 | 934 | 907 | 934 | 987 | | | | | | |
| 45 | 963 | 932 | 864 | 828 | 864 | 932 | 963 | 932 | 864 | 828 | 864 | 932 | | | | | | |
| 50 | 912 | 874 | 789 | 741 | 789 | 874 | 912 | 874 | 789 | 741 | 789 | 874 | | | | | | |
| 55 | 858 | 813 | 710 | 648 | 710 | 813 | 858 | 813 | 710 | 648 | 710 | 813 | | | | | | |
| 60 | 803 | 751 | 629 | 551 | 629 | 751 | 803 | 751 | 629 | 551 | 629 | 751 | | | | | | |
| 65 | 747 | 689 | 547 | 449 | 547 | 689 | 747 | 689 | 547 | 449 | 547 | 689 | | | | | | |
| 70 | 690 | 627 | 467 | 346 | 467 | 627 | 690 | 627 | 467 | 346 | 467 | 627 | | | | | | |
| 75 | 633 | 567 | 391 | 246 | 391 | 567 | 633 | 567 | 391 | 246 | 391 | 567 | | | | | | |
| 80 | 577 | 508 | 321 | 151 | 321 | 508 | 577 | 508 | 321 | 151 | 321 | 508 | | | | | | |
| 85 | 522 | 451 | 259 | 63.1 | 259 | 451 | 522 | 451 | 259 | 63.1 | 259 | 451 | | | | | | |
| 90 | 469 | 398 | 208 | 7.39 | 208 | 398 | 469 | 398 | 208 | 7.39 | 208 | 398 | | | | | | |
| 95 | 418 | 348 | 166 | 8.54 | 166 | 348 | 418 | 348 | 166 | 8.54 | 166 | 348 | | | | | | |
| 100 | 369 | 302 | 133 | 10.1 | 133 | 302 | 369 | 302 | 133 | 10.1 | 133 | 302 | | | | | | |
| 105 | 322 | 260 | 106 | 11.6 | 106 | 260 | 322 | 260 | 106 | 11.6 | 106 | 260 | | | | | | |
| 110 | 279 | 220 | 85.9 | 13.1 | 85.9 | 220 | 279 | 220 | 85.9 | 13.1 | 85.9 | 220 | | | | | | |
| 115 | 240 | 187 | 69.6 | 14.7 | 69.6 | 187 | 240 | 187 | 69.6 | 14.7 | 69.6 | 187 | | | | | | |
| 120 | 203 | 158 | 57.8 | 16.3 | 57.8 | 158 | 203 | 158 | 57.8 | 16.3 | 57.8 | 158 | | | | | | |
| 125 | 171 | 132 | 49.0 | 17.9 | 49.0 | 132 | 171 | 132 | 49.0 | 17.9 | 49.0 | 132 | | | | | | |
| 130 | 142 | 105 | 42.5 | 19.5 | 42.5 | 105 | 142 | 105 | 42.5 | 19.5 | 42.5 | 105 | | | | | | |
| 135 | 117 | 83.9 | 38.0 | 21.0 | 38.0 | 83.9 | 117 | 83.9 | 38.0 | 21.0 | 38.0 | 83.9 | | | | | | |
| 140 | 96.1 | 68.0 | 34.8 | 22.4 | 34.8 | 68.0 | 96.1 | 68.0 | 34.8 | 22.4 | 34.8 | 68.0 | | | | | | |
| 145 | 78.2 | 56.1 | 32.7 | 23.9 | 32.7 | 56.1 | 78.2 | 56.1 | 32.7 | 23.9 | 32.7 | 56.1 | | | | | | |
| 150 | 63.7 | 46.8 | 31.3 | 25.4 | 31.3 | 46.8 | 63.7 | 46.8 | 31.3 | 25.4 | 31.3 | 46.8 | | | | | | |
| 155 | 52.2 | 40.1 | 30.9 | 26.8 | 30.9 | 40.1 | 52.2 | 40.1 | 30.9 | 26.8 | 30.9 | 40.1 | | | | | | |
| 160 | 43.5 | 35.4 | 30.9 | 28.2 | 30.9 | 35.4 | 43.5 | 35.4 | 30.9 | 28.2 | 30.9 | 35.4 | | | | | | |
| 165 | 37.6 | 32.7 | 30.9 | 29.4 | 30.9 | 32.7 | 37.6 | 32.7 | 30.9 | 29.4 | 30.9 | 32.7 | | | | | | |
| 170 | 33.8 | 31.5 | 31.0 | 30.4 | 31.0 | 31.5 | 33.8 | 31.5 | 31.0 | 30.4 | 31.0 | 31.5 | | | | | | |
| 175 | 30.3 | 30.9 | 31.2 | 31.2 | 31.2 | 30.9 | 30.3 | 30.9 | 31.2 | 31.2 | 31.2 | 30.9 | | | | | | |
| 180 | 30.0 | 30.8 | 31.4 | 31.6 | 31.4 | 30.8 | 30.0 | 30.8 | 31.4 | 31.6 | 31.4 | 30.8 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:QC
Test Date:2024-06-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: