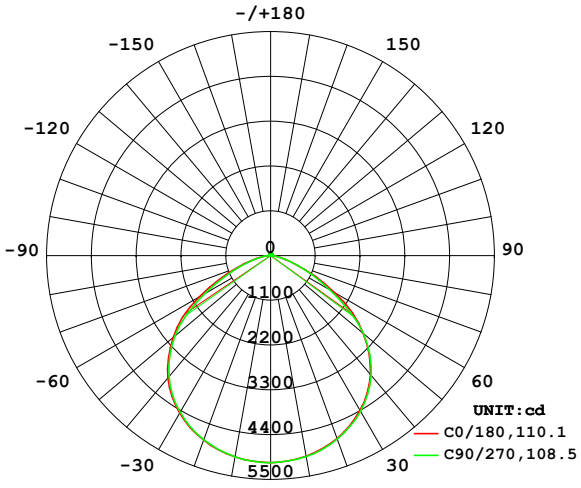
# LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |

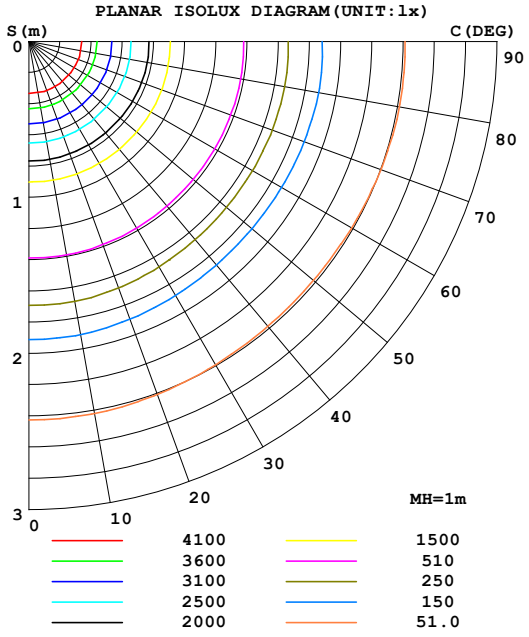
| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 170.86 lm/W | | | |
|---|---|---|---|---|---|
| MODEL | | Imax(cd) | 5084 | S/MH(C0/180) | 1.31 |
| NOMINAL POWER(W) | 80 | LOR(%) | 100.0 | S/MH(C90/270) | 1.30 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 13629 | η UP,DN(C0-180) | 1.1,48.0 |
| NOMINAL FLUX(lm) | 13628.9 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 1.0,49.9 |
| LAMPS INSIDE | 1 | η up(%) | 2.1 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 120 | η down(%) | 97.9 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM




AVERAGE BEAM ANGLE(50%):109.3 DEG

PLANAR ISOLUX DIAGRAM(UNIT:lx)




C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [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 | 5004 | 5010 | 5014 | 5009 | 5022 | 5022 | 5019 | 5023 | 0- 10 | 482.0 | 482.0 | 3.54,3.54 |
| 20 | 4779 | 4787 | 4796 | 4790 | 4824 | 4821 | 4811 | 4815 | 10- 20 | 1392 | 1874 | 13.7,13.7 |
| 30 | 4390 | 4402 | 4418 | 4411 | 4467 | 4461 | 4446 | 4457 | 20- 30 | 2138 | 4011 | 29.4,29.4 |
| 40 | 3820 | 3819 | 3848 | 3838 | 3927 | 3909 | 3887 | 3908 | 30- 40 | 2613 | 6625 | 48.6,48.6 |
| 50 | 2971 | 2957 | 2978 | 3001 | 3128 | 3100 | 3070 | 3095 | 40- 50 | 2679 | 9304 | 68.3,68.3 |
| 60 | 1814 | 1650 | 1678 | 1792 | 2030 | 1902 | 1853 | 1959 | 50- 60 | 2207 | 11512 | 84.5,84.5 |
| 70 | 702.2 | 663.9 | 702.8 | 720.1 | 886.3 | 824.9 | 814.0 | 830.5 | 60- 70 | 1245 | 12756 | 93.6,93.6 |
| 80 | 164.4 | 177.9 | 188.4 | 184.6 | 243.1 | 267.1 | 239.4 | 228.4 | 70- 80 | 477.0 | 13233 | 97.1,97.1 |
| 90 | 30.75 | 30.39 | 30.15 | 30.43 | 30.99 | 31.46 | 30.91 | 30.88 | 80- 90 | 109.0 | 13342 | 97.9,97.9 |
| 100 | 35.40 | 35.01 | 34.70 | 34.97 | 34.31 | 34.33 | 34.51 | 34.59 | 90-100 | 35.46 | 13378 | 98.2,98.2 |
| 110 | 40.79 | 40.33 | 40.05 | 40.23 | 39.08 | 39.08 | 39.37 | 39.38 | 100-110 | 39.36 | 13417 | 98.4,98.4 |
| 120 | 45.84 | 45.39 | 45.31 | 45.20 | 43.76 | 43.84 | 44.34 | 44.05 | 110-120 | 41.92 | 13459 | 98.8,98.8 |
| 130 | 49.93 | 49.70 | 49.85 | 49.32 | 48.16 | 48.24 | 49.11 | 48.50 | 120-130 | 42.06 | 13501 | 99.1,99.1 |
| 140 | 53.46 | 53.87 | 53.93 | 53.11 | 52.49 | 52.67 | 53.77 | 53.16 | 130-140 | 39.61 | 13541 | 99.4,99.4 |
| 150 | 57.92 | 58.36 | 58.31 | 57.45 | 57.65 | 57.45 | 58.50 | 58.22 | 140-150 | 34.84 | 13575 | 99.6,99.6 |
| 160 | 63.78 | 63.87 | 63.71 | 63.07 | 63.98 | 63.20 | 63.92 | 64.09 | 150-160 | 28.04 | 13603 | 99.8,99.8 |
| 170 | 69.59 | 68.93 | 68.64 | 68.41 | 69.85 | 68.55 | 68.76 | 69.14 | 160-170 | 18.75 | 13622 | 100,100 |
| 180 | 72.68 | 71.24 | 71.14 | 71.26 | 72.61 | 71.19 | 71.12 | 71.24 | 170-180 | 6.688 | 13629 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 7986.8 lm

%lum = 58.6%
%lamp = 58.6%

Conical surface Flux(130deg): 12253 lm

%lum = 89.9%
%lamp = 89.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

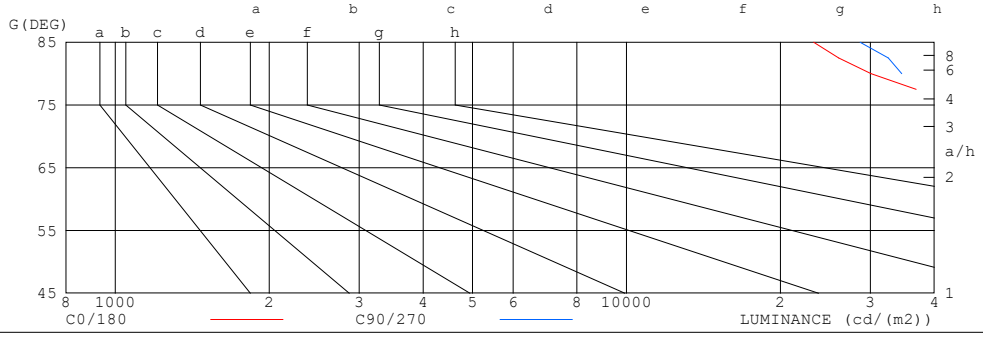
γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

# LUMINANCE LIMITATION CURVES

| | | |
|---|---|---|
| **Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz**<br>**UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm** | | |
| **NAME: SS-PT01-150/120/100/80/70W** | **TYPE:** | **WEIGHT:** |
| **SPEC.: 100~277V** | **DIM.: 0.36** | **SERIAL No.:** |
| **MFR.:** | **SUR.: 0.2** | **Shielding Angle:** |

**LUMINANCE LIMITATION CURVES**

| GLARE | CLASS | ILLUMINANCE (lx) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.50 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.20 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | | | | | 2000 | 1000 | 500 | <=300 |
| | | a | b | c | d | e | f | g | h |




| LUMINANCE cd/(m2) | | |
|---|---|---|
| G(DEG) | C0/180 | C90/270 |
| 85 | 23230 | 28663 |
| 80 | 30082 | 34562 |
| 75 | 44990 | 47746 |
| 70 | 65235 | 65454 |
| 65 | 90816 | 85181 |
| 60 | 115274 | 106926 |
| 55 | 136113 | 130940 |
| 50 | 146867 | 147559 |
| 45 | 153820 | 155553 |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

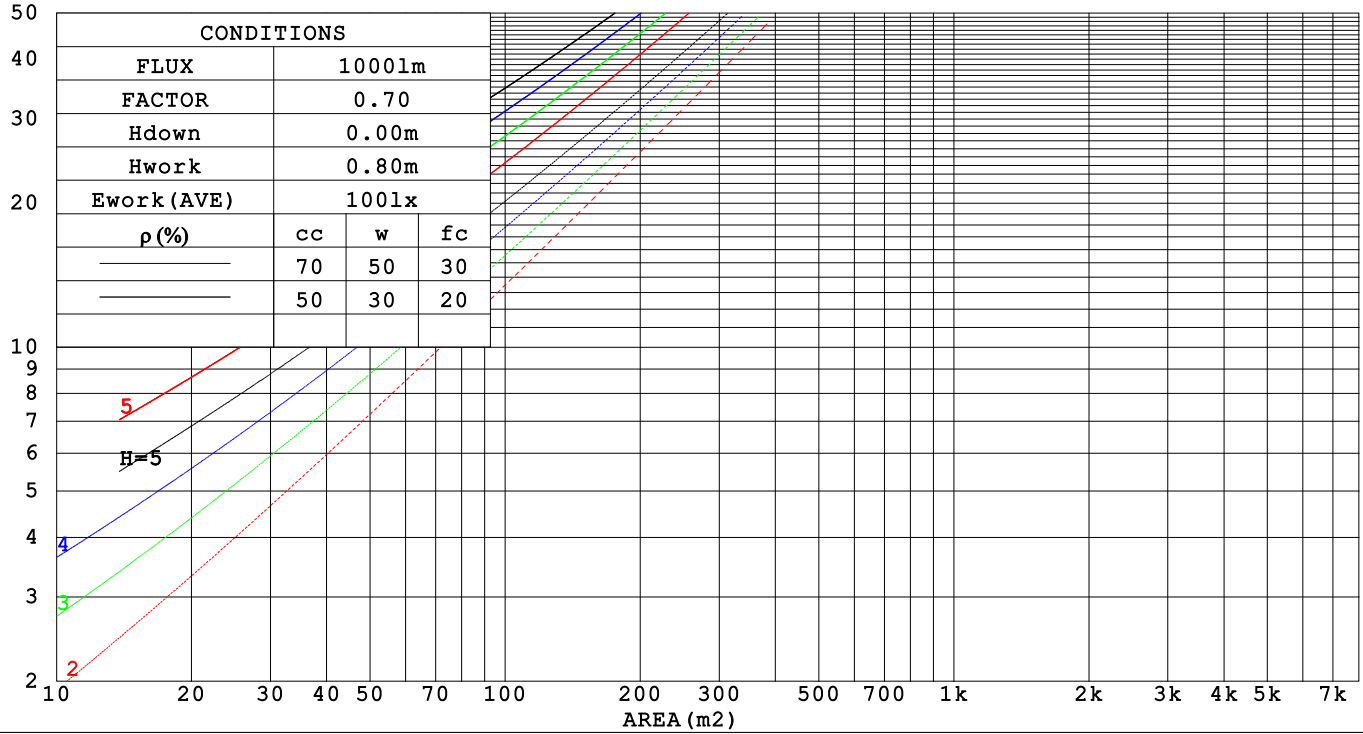
# CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding 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 | | | 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 | 1.05 | 1.01 | .98 | 1.03 | .99 | .96 | .98 | .95 | .93 | .94 | .92 | .90 | .90 | .88 | .87 | .84 |
| 2.0 | .93 | .87 | .81 | .91 | .85 | .80 | .87 | .82 | .78 | .83 | .79 | .76 | .80 | .77 | .74 | .72 |
| 3.0 | .82 | .75 | .69 | .80 | .73 | .68 | .77 | .71 | .66 | .74 | .69 | .65 | .71 | .67 | .64 | .61 |
| 4.0 | .73 | .65 | .59 | .72 | .64 | .58 | .69 | .62 | .57 | .66 | .61 | .56 | .64 | .59 | .55 | .53 |
| 5.0 | .66 | .57 | .51 | .64 | .56 | .50 | .62 | .55 | .50 | .60 | .54 | .49 | .58 | .52 | .48 | .46 |
| 6.0 | .59 | .51 | .44 | .58 | .50 | .44 | .56 | .49 | .44 | .54 | .48 | .43 | .52 | .47 | .42 | .40 |
| 7.0 | .54 | .45 | .39 | .53 | .45 | .39 | .51 | .44 | .39 | .49 | .43 | .38 | .48 | .42 | .38 | .36 |
| 8.0 | .49 | .41 | .35 | .48 | .40 | .35 | .47 | .40 | .35 | .45 | .39 | .34 | .44 | .38 | .34 | .32 |
| 9.0 | .45 | .37 | .32 | .44 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .31 | .41 | .35 | .31 | .29 |
| 10.0 | .41 | .34 | .29 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .32 | .28 | .38 | .32 | .28 | .26 |

LAMPS

LUMINAIRE BUDGETARY DIAGRAM




C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## WEC AND CCEC

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding 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 Coeffcients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .274 | .156 | .049 | .266 | .152 | .048 | .252 | .144 | .046 | .239 | .138 | .044 | .227 | .131 | .042 | |
| 2.0 | .264 | .145 | .044 | .257 | .142 | .044 | .245 | .136 | .042 | .233 | .131 | .041 | .223 | .126 | .040 | |
| 3.0 | .249 | .132 | .040 | .243 | .130 | .039 | .232 | .126 | .038 | .222 | .121 | .037 | .212 | .117 | .036 | |
| 4.0 | .233 | .121 | .036 | .228 | .119 | .035 | .218 | .115 | .034 | .209 | .112 | .034 | .200 | .109 | .033 | |
| 5.0 | .218 | .111 | .032 | .213 | .109 | .032 | .204 | .106 | .031 | .196 | .103 | .031 | .188 | .101 | .030 | |
| 6.0 | .204 | .102 | .029 | .199 | .101 | .029 | .191 | .098 | .029 | .184 | .096 | .028 | .177 | .093 | .028 | |
| 7.0 | .191 | .094 | .027 | .187 | .093 | .027 | .180 | .091 | .026 | .173 | .089 | .026 | .167 | .087 | .025 | |
| 8.0 | .179 | .087 | .025 | .176 | .086 | .024 | .169 | .085 | .024 | .163 | .083 | .024 | .158 | .081 | .024 | |
| 9.0 | .168 | .082 | .023 | .165 | .081 | .023 | .160 | .079 | .022 | .154 | .077 | .022 | .149 | .076 | .022 | |
| 10.0 | .159 | .076 | .021 | .156 | .075 | .021 | .151 | .074 | .021 | .146 | .072 | .021 | .141 | .071 | .020 | |

| 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 | .207 | .207 | .207 | .176 | .176 | .176 | .120 | .120 | .120 | .069 | .069 | .069 | .022 | .022 | .022 | |
| 1.0 | .194 | .173 | .153 | .166 | .148 | .132 | .114 | .102 | .091 | .065 | .059 | .053 | .021 | .019 | .017 | |
| 2.0 | .185 | .148 | .118 | .158 | .128 | .102 | .108 | .088 | .071 | .063 | .051 | .042 | .020 | .017 | .014 | |
| 3.0 | .177 | .131 | .094 | .152 | .113 | .081 | .104 | .078 | .057 | .060 | .046 | .034 | .019 | .015 | .011 | |
| 4.0 | .169 | .117 | .077 | .145 | .101 | .067 | .100 | .070 | .047 | .058 | .041 | .028 | .019 | .013 | .009 | |
| 5.0 | .162 | .107 | .066 | .139 | .092 | .057 | .096 | .064 | .040 | .056 | .038 | .024 | .018 | .012 | .008 | |
| 6.0 | .155 | .098 | .057 | .134 | .085 | .050 | .092 | .060 | .035 | .053 | .035 | .021 | .017 | .011 | .007 | |
| 7.0 | .149 | .091 | .051 | .128 | .079 | .044 | .089 | .055 | .031 | .051 | .033 | .019 | .017 | .011 | .006 | |
| 8.0 | .143 | .086 | .046 | .123 | .074 | .040 | .085 | .052 | .029 | .049 | .031 | .017 | .016 | .010 | .006 | |
| 9.0 | .137 | .081 | .042 | .118 | .070 | .037 | .082 | .049 | .026 | .048 | .029 | .016 | .015 | .010 | .005 | |
| 10.0 | .132 | .076 | .040 | .113 | .066 | .035 | .079 | .047 | .025 | .046 | .028 | .015 | .015 | .009 | .005 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

# UGR(Unified Glare Rating) Table

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | 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 | 29.5 | 30.9 | 29.8 | 31.1 | 31.4 | 29.3 | 30.7 | 29.6 | 31.0 | 31.2 |
| 3H | 30.0 | 31.3 | 30.4 | 31.6 | 31.9 | 29.9 | 31.2 | 30.2 | 31.5 | 31.7 |
| 4H | 30.1 | 31.4 | 30.5 | 31.6 | 31.9 | 30.0 | 31.2 | 30.4 | 31.5 | 31.8 |
| 6H | 30.1 | 31.3 | 30.5 | 31.6 | 31.9 | 30.0 | 31.2 | 30.4 | 31.5 | 31.8 |
| 8H | 30.1 | 31.2 | 30.5 | 31.5 | 31.8 | 30.0 | 31.1 | 30.4 | 31.5 | 31.8 |
| 12H | 30.1 | 31.1 | 30.4 | 31.4 | 31.8 | 30.0 | 31.1 | 30.4 | 31.4 | 31.7 |
| 4H 2H | 29.7 | 30.9 | 30.0 | 31.2 | 31.5 | 29.6 | 30.8 | 29.9 | 31.1 | 31.4 |
| 3H | 30.4 | 31.4 | 30.8 | 31.8 | 32.1 | 30.3 | 31.3 | 30.6 | 31.7 | 32.0 |
| 4H | 30.5 | 31.5 | 30.9 | 31.9 | 32.2 | 30.5 | 31.4 | 30.9 | 31.8 | 32.1 |
| 6H | 30.6 | 31.4 | 31.0 | 31.8 | 32.2 | 30.5 | 31.4 | 31.0 | 31.8 | 32.2 |
| 8H | 30.6 | 31.4 | 31.0 | 31.8 | 32.2 | 30.6 | 31.3 | 31.0 | 31.7 | 32.2 |
| 12H | 30.6 | 31.3 | 31.0 | 31.7 | 32.1 | 30.6 | 31.3 | 31.0 | 31.7 | 32.1 |
| 8H 4H | 30.5 | 31.3 | 31.0 | 31.7 | 32.1 | 30.5 | 31.2 | 30.9 | 31.6 | 32.1 |
| 6H | 30.6 | 31.3 | 31.1 | 31.7 | 32.2 | 30.6 | 31.2 | 31.1 | 31.7 | 32.2 |
| 8H | 30.6 | 31.2 | 31.1 | 31.7 | 32.2 | 30.6 | 31.2 | 31.1 | 31.7 | 32.2 |
| 12H | 30.7 | 31.1 | 31.2 | 31.6 | 32.1 | 30.7 | 31.2 | 31.2 | 31.6 | 32.2 |
| 12H 4H | 30.5 | 31.2 | 31.0 | 31.6 | 32.1 | 30.4 | 31.1 | 30.9 | 31.6 | 32.0 |
| 6H | 30.6 | 31.2 | 31.1 | 31.6 | 32.1 | 30.6 | 31.1 | 31.1 | 31.6 | 32.1 |
| 8H | 30.6 | 31.1 | 31.2 | 31.6 | 32.1 | 30.6 | 31.1 | 31.2 | 31.6 | 32.1 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.5 | | | | | + 0.4 / - 0.5 | | | | |
| 1.5H | + 0.3 / - 0.6 | | | | | + 0.3 / - 0.6 | | | | |
| 2.0H | + 0.9 / - 1.2 | | | | | + 1.0 / - 1.2 | | | | |

CIE Pub.117, 13629 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 9.1)
Area: 0.0314 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

# UTILIZATION FACTORS TABLE

| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
|---|---|---|
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |

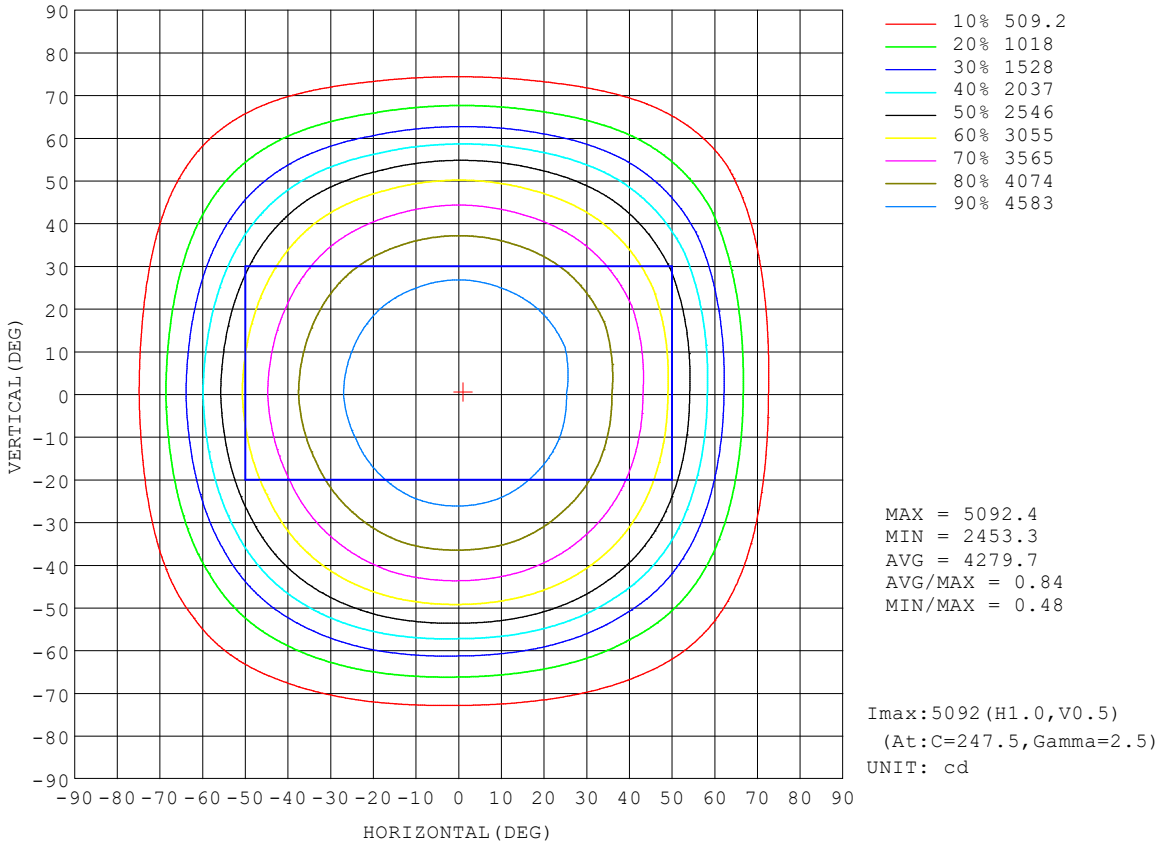
| REFLECTANCE | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 59 | 48 | 41 | 58 | 48 | 41 | 57 | 47 | 41 | 35 |
| 0.80 | 70 | 59 | 52 | 69 | 58 | 51 | 67 | 57 | 51 | 44 |
| 1.00 | 78 | 68 | 61 | 77 | 67 | 61 | 75 | 68 | 60 | 53 |
| 1.25 | 86 | 76 | 69 | 84 | 75 | 69 | 81 | 74 | 68 | 61 |
| 1.50 | 90 | 81 | 75 | 89 | 80 | 74 | 86 | 79 | 73 | 66 |
| 2.00 | 97 | 89 | 83 | 95 | 88 | 83 | 92 | 86 | 81 | 73 |
| 2.50 | 101 | 94 | 88 | 98 | 92 | 87 | 94 | 89 | 85 | 77 |
| 3.00 | 104 | 97 | 92 | 101 | 96 | 91 | 97 | 93 | 89 | 80 |
| 4.00 | 107 | 102 | 98 | 105 | 100 | 96 | 100 | 97 | 93 | 84 |
| 5.00 | 109 | 105 | 101 | 107 | 103 | 100 | 102 | 99 | 96 | 87 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | Suspended | | | | | SHRNOM = 1.25 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## ISOCANDELA DIAGRAM

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |



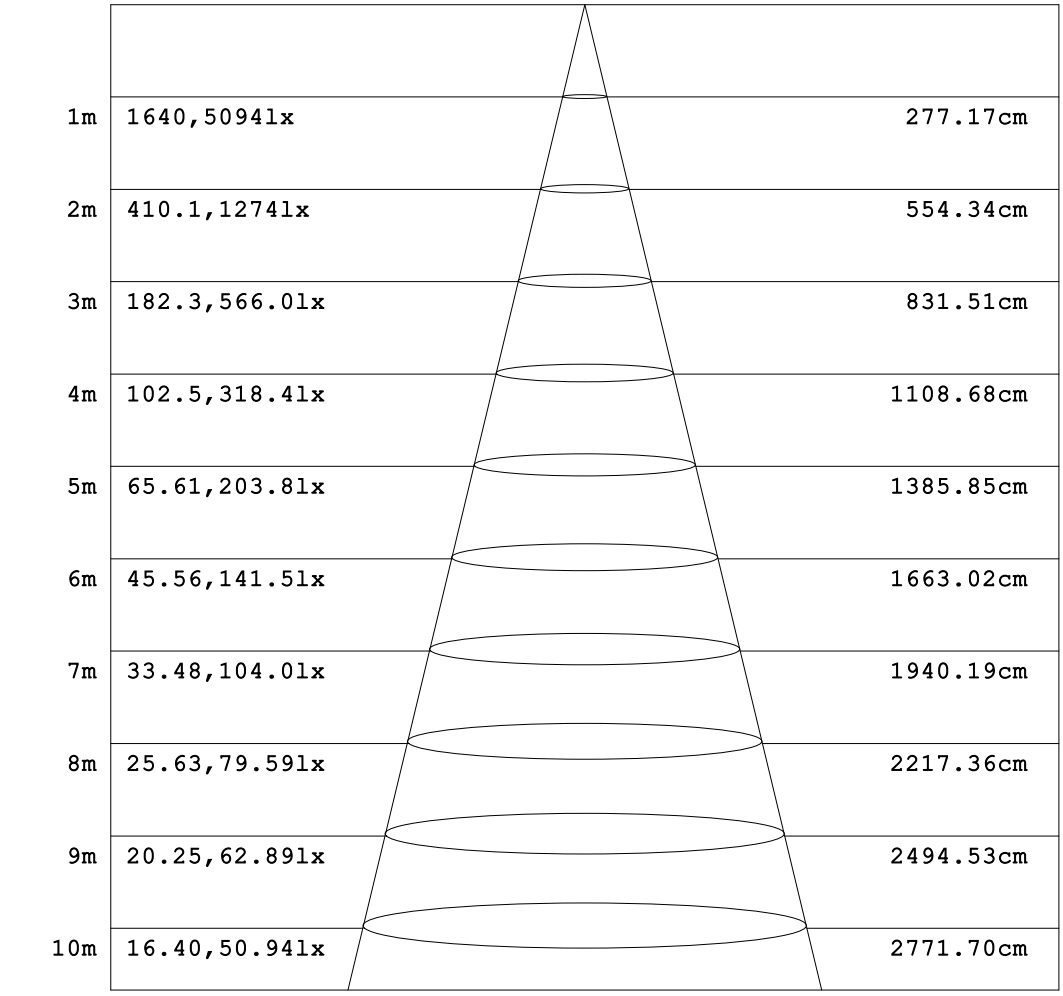

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## AAI Figure

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |

Flux out:10511 lm



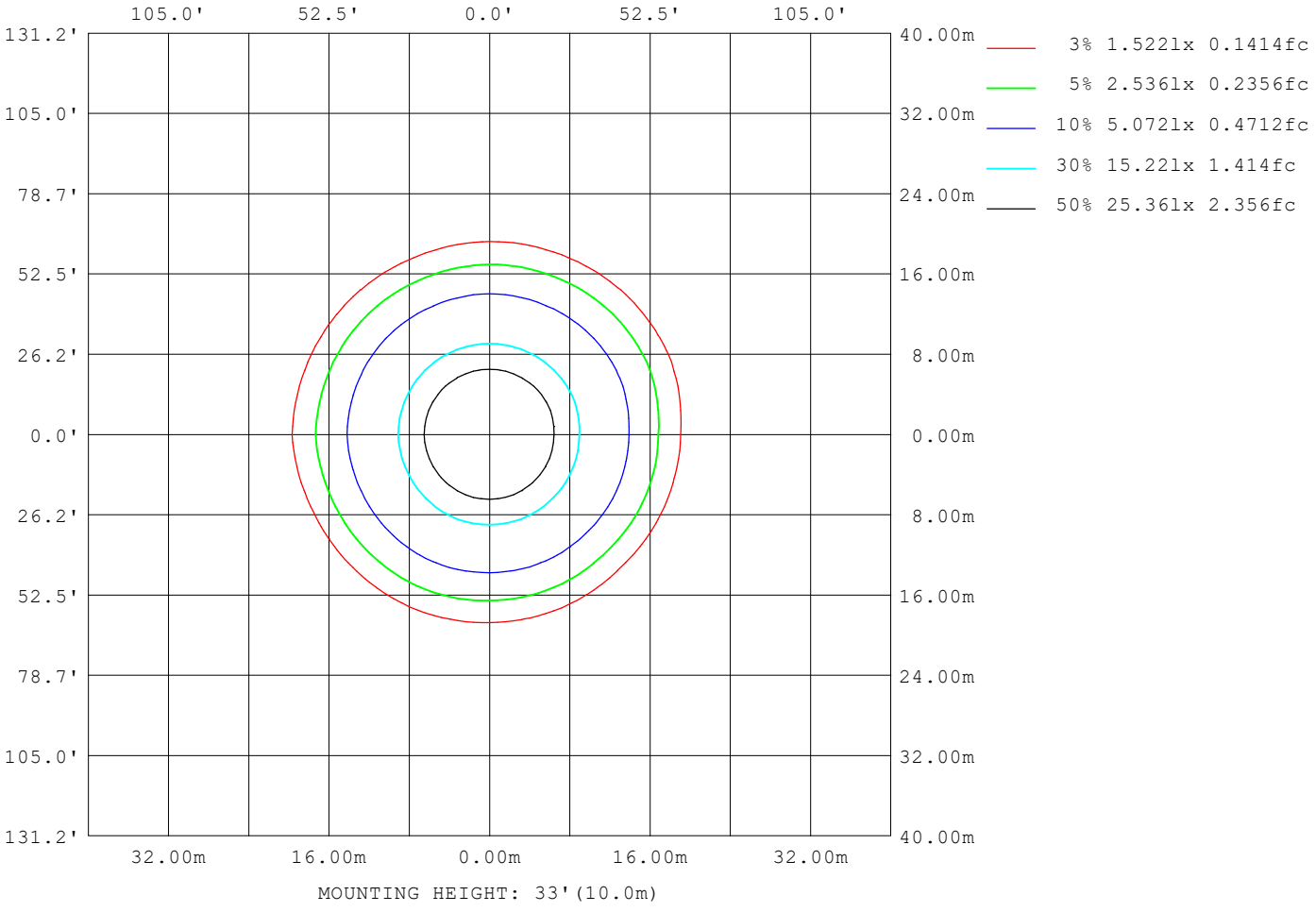

**Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.**

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## ISOLUX DIAGRAM

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |




C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

# LED Avg.L Report

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |

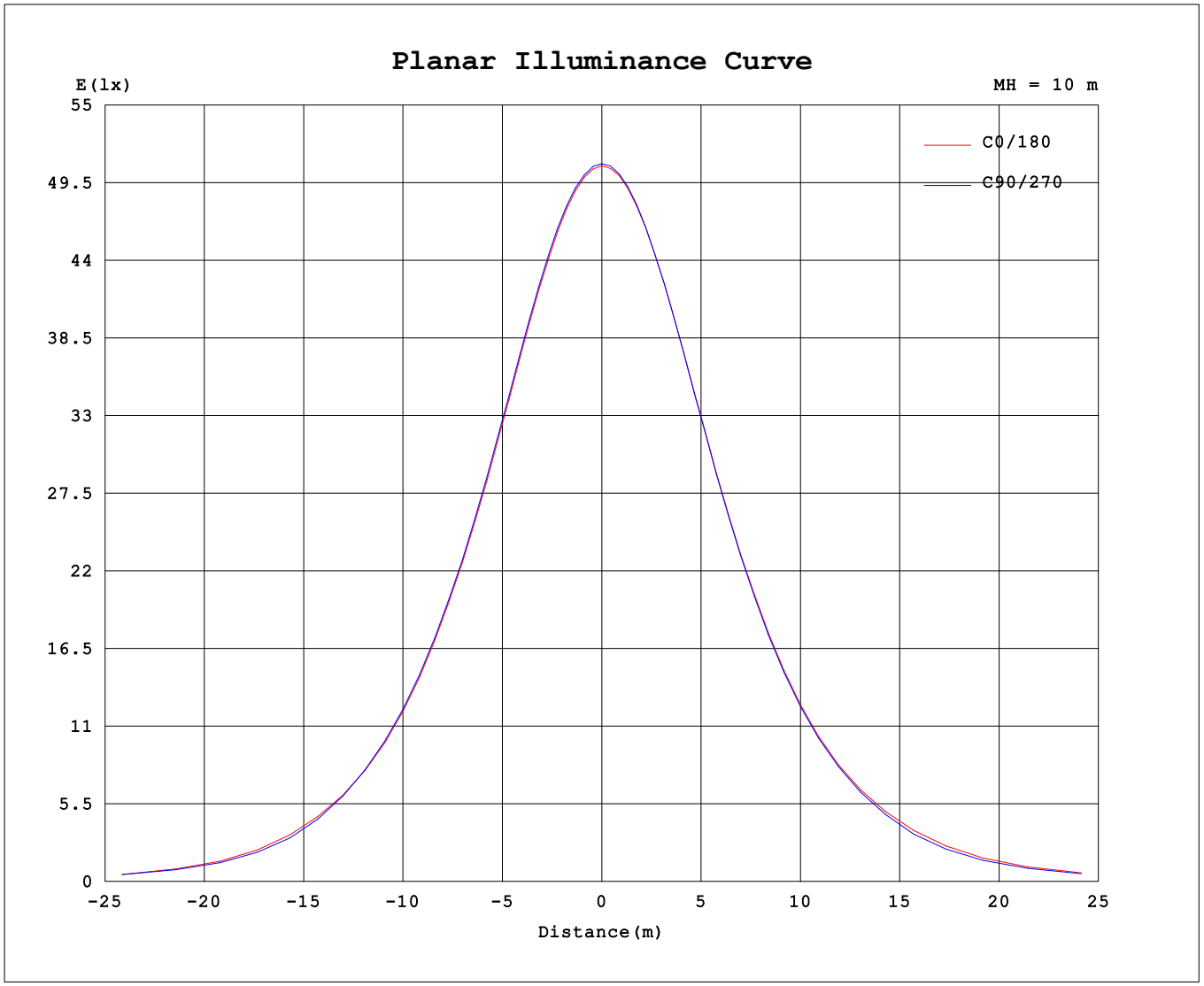
| AvgL | cd/m2 |
|---|---|
| L_0~180(65)av | 98155 |
| L_0~180(75)av | 53332 |
| L_0~180(85)av | 29785 |
| L_90~270(65)av | 90529 |
| L_90~270(75)av | 52804 |
| L_90~270(85)av | 35226 |
| L_45(65)av | 92546 |
| L_45(75)av | 52901 |
| L_45(85)av | 33282 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## Planar Illuminance Curve




C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

# LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|---|---|
| Test:U:119.86V I:0.6757A P:79.767W PF:0.9849 Freq:60.01Hz<br>UTHDi:0.52% ITHDi:5.66% KDisp:0.0000 Lamp Flux:13628.9x1 lm | | |
| NAME: SS-PT01-150/120/100/80/70W | TYPE: | WEIGHT: |
| SPEC.: 100~277V | DIM.: 0.36 | SERIAL No.: |
| MFR.: | SUR.: 0.2 | Shielding Angle: |

Table--1 UNIT: cd

| γ (DEG) \ C(DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | | | |
| 5 | 5059 | 5062 | 5067 | 5068 | 5063 | 5066 | 5063 | 5062 | 5071 | 5072 | 5071 | 5067 | 5071 | 5071 | 5072 | 5069 | | | |
| 10 | 5004 | 5007 | 5010 | 5015 | 5014 | 5013 | 5009 | 5005 | 5022 | 5024 | 5022 | 5017 | 5019 | 5018 | 5023 | 5025 | | | |
| 15 | 4909 | 4912 | 4914 | 4924 | 4925 | 4924 | 4920 | 4916 | 4943 | 4941 | 4939 | 4929 | 4930 | 4927 | 4936 | 4938 | | | |
| 20 | 4779 | 4784 | 4787 | 4794 | 4796 | 4800 | 4790 | 4789 | 4824 | 4818 | 4821 | 4809 | 4811 | 4803 | 4815 | 4813 | | | |
| 25 | 4605 | 4614 | 4614 | 4624 | 4628 | 4632 | 4621 | 4618 | 4669 | 4658 | 4661 | 4648 | 4651 | 4643 | 4652 | 4655 | | | |
| 30 | 4390 | 4405 | 4402 | 4416 | 4418 | 4423 | 4411 | 4410 | 4467 | 4461 | 4461 | 4444 | 4446 | 4437 | 4457 | 4457 | | | |
| 35 | 4137 | 4148 | 4143 | 4168 | 4160 | 4174 | 4158 | 4160 | 4225 | 4218 | 4222 | 4200 | 4199 | 4193 | 4213 | 4213 | | | |
| 40 | 3820 | 3823 | 3819 | 3847 | 3848 | 3861 | 3838 | 3840 | 3927 | 3909 | 3909 | 3885 | 3887 | 3883 | 3908 | 3910 | | | |
| 45 | 3423 | 3427 | 3425 | 3450 | 3453 | 3473 | 3444 | 3446 | 3553 | 3531 | 3532 | 3499 | 3509 | 3496 | 3523 | 3534 | | | |
| 50 | 2971 | 2965 | 2957 | 2965 | 2978 | 2998 | 3001 | 3006 | 3128 | 3104 | 3100 | 3056 | 3070 | 3058 | 3095 | 3099 | | | |
| 55 | 2457 | 2436 | 2371 | 2369 | 2358 | 2432 | 2468 | 2508 | 2639 | 2601 | 2574 | 2499 | 2521 | 2528 | 2596 | 2609 | | | |
| 60 | 1814 | 1745 | 1650 | 1672 | 1678 | 1749 | 1792 | 1859 | 2030 | 1957 | 1902 | 1827 | 1853 | 1874 | 1959 | 1987 | | | |
| 65 | 1208 | 1135 | 1082 | 1111 | 1130 | 1175 | 1200 | 1237 | 1397 | 1339 | 1300 | 1265 | 1273 | 1295 | 1330 | 1341 | | | |
| 70 | 702 | 683 | 664 | 684 | 703 | 727 | 720 | 754 | 886 | 851 | 825 | 793 | 814 | 806 | 830 | 834 | | | |
| 75 | 366 | 369 | 370 | 384 | 388 | 402 | 395 | 406 | 500 | 490 | 487 | 467 | 470 | 459 | 467 | 459 | | | |
| 80 | 164 | 171 | 178 | 188 | 188 | 191 | 185 | 187 | 243 | 247 | 267 | 242 | 239 | 228 | 228 | 216 | | | |
| 85 | 63.7 | 67.1 | 71.4 | 78.3 | 78.4 | 79.4 | 74.9 | 74.8 | 99.3 | 109 | 120 | 117 | 114 | 105 | 98.5 | 88.9 | | | |
| 90 | 30.8 | 30.5 | 30.4 | 30.1 | 30.1 | 30.1 | 30.4 | 30.5 | 31.0 | 31.2 | 31.5 | 31.0 | 30.9 | 30.9 | 30.9 | 30.8 | | | |
| 95 | 32.9 | 32.7 | 32.5 | 32.2 | 32.2 | 32.2 | 32.5 | 32.6 | 32.2 | 32.2 | 32.2 | 32.3 | 32.3 | 32.5 | 32.4 | 32.5 | | | |
| 100 | 35.4 | 35.1 | 35.0 | 34.7 | 34.7 | 34.6 | 35.0 | 35.0 | 34.3 | 34.4 | 34.3 | 34.5 | 34.5 | 34.7 | 34.6 | 34.6 | | | |
| 105 | 38.1 | 37.8 | 37.6 | 37.3 | 37.3 | 37.3 | 37.6 | 37.7 | 36.6 | 36.7 | 36.7 | 36.9 | 36.9 | 37.0 | 36.9 | 37.0 | | | |
| 110 | 40.8 | 40.5 | 40.3 | 39.9 | 40.1 | 39.9 | 40.2 | 40.4 | 39.1 | 39.2 | 39.1 | 39.3 | 39.4 | 39.5 | 39.4 | 39.4 | | | |
| 115 | 43.4 | 43.1 | 43.0 | 42.6 | 42.8 | 42.5 | 42.8 | 43.0 | 41.5 | 41.6 | 41.5 | 41.7 | 41.9 | 41.9 | 41.8 | 41.8 | | | |
| 120 | 45.8 | 45.6 | 45.4 | 45.1 | 45.3 | 45.0 | 45.2 | 45.4 | 43.8 | 43.9 | 43.8 | 44.1 | 44.3 | 44.2 | 44.1 | 44.0 | | | |
| 125 | 48.0 | 47.8 | 47.6 | 47.4 | 47.6 | 47.3 | 47.3 | 47.5 | 46.0 | 46.2 | 46.1 | 46.5 | 46.8 | 46.6 | 46.3 | 46.2 | | | |
| 130 | 49.9 | 49.9 | 49.7 | 49.7 | 49.9 | 49.5 | 49.3 | 49.4 | 48.2 | 48.3 | 48.2 | 48.8 | 49.1 | 49.0 | 48.5 | 48.4 | | | |
| 135 | 51.7 | 51.8 | 51.8 | 51.8 | 51.9 | 51.5 | 51.2 | 51.2 | 50.3 | 50.4 | 50.5 | 51.1 | 51.5 | 51.3 | 50.8 | 50.6 | | | |
| 140 | 53.5 | 53.7 | 53.9 | 53.9 | 53.9 | 53.5 | 53.1 | 53.0 | 52.5 | 52.5 | 52.7 | 53.4 | 53.8 | 53.7 | 53.2 | 52.8 | | | |
| 145 | 55.5 | 55.8 | 56.0 | 55.9 | 56.0 | 55.5 | 55.2 | 54.9 | 55.0 | 54.7 | 55.0 | 55.6 | 56.1 | 56.1 | 55.6 | 55.3 | | | |
| 150 | 57.9 | 58.2 | 58.4 | 58.2 | 58.3 | 57.8 | 57.4 | 57.2 | 57.7 | 57.3 | 57.5 | 58.0 | 58.5 | 58.6 | 58.2 | 57.9 | | | |
| 155 | 60.8 | 60.9 | 61.0 | 60.9 | 61.0 | 60.4 | 60.2 | 59.9 | 60.7 | 60.2 | 60.2 | 60.7 | 61.2 | 61.3 | 61.1 | 60.9 | | | |
| 160 | 63.8 | 63.9 | 63.9 | 63.7 | 63.7 | 63.2 | 63.1 | 62.8 | 64.0 | 63.2 | 63.2 | 63.5 | 63.9 | 64.1 | 64.1 | 64.0 | | | |
| 165 | 66.9 | 66.8 | 66.6 | 66.5 | 66.3 | 66.1 | 66.0 | 65.8 | 67.1 | 66.1 | 66.0 | 66.3 | 66.6 | 66.8 | 66.9 | 67.0 | | | |
| 170 | 69.6 | 69.3 | 68.9 | 68.8 | 68.6 | 68.4 | 68.4 | 68.4 | 69.8 | 68.7 | 68.6 | 68.6 | 68.8 | 69.0 | 69.1 | 69.5 | | | |
| 175 | 71.7 | 70.9 | 70.5 | 70.4 | 70.2 | 70.1 | 70.2 | 70.5 | 71.7 | 70.6 | 70.4 | 70.3 | 70.3 | 70.5 | 70.7 | 71.0 | | | |
| 180 | 72.7 | 71.4 | 71.2 | 71.1 | 71.1 | 71.1 | 71.3 | 71.5 | 72.6 | 71.5 | 71.2 | 71.1 | 71.1 | 71.2 | 71.2 | 71.5 | | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## Photometric Data Table [cd]

| G/C | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 | 202.5 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 |
| 2.5 | 5073 | 5076 | 5079 | 5079 | 5079 | 5078 | 5076 | 5077 | 5077 | 5081 |
| 5.0 | 5059 | 5062 | 5067 | 5068 | 5063 | 5066 | 5063 | 5062 | 5071 | 5072 |
| 7.5 | 5035 | 5040 | 5042 | 5046 | 5043 | 5042 | 5042 | 5036 | 5049 | 5049 |
| 10.0 | 5004 | 5007 | 5010 | 5015 | 5014 | 5013 | 5009 | 5005 | 5022 | 5024 |
| 12.5 | 4961 | 4967 | 4967 | 4972 | 4974 | 4974 | 4968 | 4964 | 4987 | 4984 |
| 15.0 | 4909 | 4912 | 4914 | 4924 | 4925 | 4924 | 4920 | 4916 | 4943 | 4941 |
| 17.5 | 4846 | 4852 | 4856 | 4864 | 4862 | 4870 | 4860 | 4859 | 4889 | 4884 |
| 20.0 | 4779 | 4784 | 4787 | 4794 | 4796 | 4800 | 4790 | 4789 | 4824 | 4818 |
| 22.5 | 4697 | 4705 | 4705 | 4714 | 4717 | 4721 | 4711 | 4708 | 4753 | 4744 |
| 25.0 | 4605 | 4614 | 4614 | 4624 | 4628 | 4632 | 4621 | 4618 | 4669 | 4658 |
| 27.5 | 4501 | 4512 | 4510 | 4528 | 4529 | 4534 | 4522 | 4520 | 4574 | 4562 |
| 30.0 | 4390 | 4405 | 4402 | 4416 | 4418 | 4423 | 4411 | 4410 | 4467 | 4461 |
| 32.5 | 4272 | 4284 | 4279 | 4297 | 4297 | 4304 | 4291 | 4293 | 4354 | 4345 |
| 35.0 | 4137 | 4148 | 4143 | 4168 | 4160 | 4174 | 4158 | 4160 | 4225 | 4218 |
| 37.5 | 3987 | 3998 | 3993 | 4018 | 4014 | 4029 | 4007 | 4011 | 4085 | 4074 |
| 40.0 | 3820 | 3823 | 3819 | 3847 | 3848 | 3861 | 3838 | 3840 | 3927 | 3909 |
| 42.5 | 3628 | 3633 | 3630 | 3655 | 3661 | 3678 | 3652 | 3653 | 3752 | 3724 |
| 45.0 | 3423 | 3427 | 3425 | 3450 | 3453 | 3473 | 3444 | 3446 | 3553 | 3531 |
| 47.5 | 3201 | 3208 | 3201 | 3226 | 3227 | 3251 | 3231 | 3237 | 3344 | 3320 |
| 50.0 | 2971 | 2965 | 2957 | 2965 | 2978 | 2998 | 3001 | 3006 | 3128 | 3104 |
| 52.5 | 2727 | 2722 | 2688 | 2704 | 2693 | 2744 | 2751 | 2775 | 2894 | 2866 |
| 55.0 | 2457 | 2436 | 2371 | 2369 | 2358 | 2432 | 2468 | 2508 | 2639 | 2601 |
| 57.5 | 2144 | 2100 | 2002 | 2002 | 1998 | 2084 | 2132 | 2198 | 2355 | 2294 |
| 60.0 | 1814 | 1745 | 1650 | 1672 | 1678 | 1749 | 1792 | 1859 | 2030 | 1957 |
| 62.5 | 1489 | 1418 | 1345 | 1374 | 1385 | 1445 | 1468 | 1532 | 1700 | 1635 |
| 65.0 | 1208 | 1135 | 1082 | 1111 | 1130 | 1175 | 1200 | 1237 | 1397 | 1339 |
| 67.5 | 927.3 | 889.6 | 853.1 | 879.6 | 901.3 | 934.4 | 932.5 | 978.1 | 1128 | 1081 |
| 70.0 | 702.2 | 683.1 | 663.9 | 684.4 | 702.8 | 726.6 | 720.1 | 753.9 | 886.3 | 851.2 |
| 72.5 | 515.8 | 509.7 | 504.1 | 520.3 | 530.9 | 549.3 | 541.7 | 563.3 | 677.4 | 654.8 |
| 75.0 | 366.5 | 369.3 | 370.4 | 384.1 | 387.9 | 402.1 | 395.0 | 406.1 | 500.4 | 489.9 |
| 77.5 | 251.3 | 269.9 | 260.8 | 286.1 | 273.3 | 296.7 | 277.0 | 296.3 | 357.4 | 355.2 |
| 80.0 | 164.4 | 170.6 | 177.9 | 188.2 | 188.4 | 191.4 | 184.6 | 186.7 | 243.1 | 247.5 |
| 82.5 | 106.8 | 113.9 | 124.6 | 130.4 | 133.4 | 128.8 | 129.7 | 119.1 | 158.0 | 164.1 |
| 85.0 | 63.72 | 67.10 | 71.38 | 78.33 | 78.43 | 79.45 | 74.86 | 74.80 | 99.30 | 108.6 |
| 87.5 | 32.42 | 32.14 | 32.30 | 35.03 | 34.75 | 38.26 | 36.97 | 39.39 | 59.23 | 64.11 |
| 90.0 | 30.75 | 30.51 | 30.39 | 30.10 | 30.15 | 30.14 | 30.43 | 30.53 | 30.99 | 31.23 |
| 92.5 | 31.75 | 31.51 | 31.41 | 31.09 | 31.12 | 31.10 | 31.39 | 31.48 | 31.22 | 31.28 |
| 95.0 | 32.89 | 32.65 | 32.54 | 32.22 | 32.24 | 32.22 | 32.50 | 32.60 | 32.16 | 32.25 |
| 97.5 | 34.11 | 33.85 | 33.74 | 33.39 | 33.43 | 33.40 | 33.70 | 33.79 | 33.21 | 33.30 |
| 100.0 | 35.40 | 35.12 | 35.01 | 34.66 | 34.70 | 34.65 | 34.97 | 35.04 | 34.31 | 34.38 |
| 102.5 | 36.73 | 36.44 | 36.32 | 35.96 | 36.00 | 35.95 | 36.26 | 36.36 | 35.46 | 35.55 |
| 105.0 | 38.07 | 37.78 | 37.65 | 37.28 | 37.33 | 37.26 | 37.57 | 37.71 | 36.65 | 36.73 |
| 107.5 | 39.43 | 39.13 | 38.99 | 38.63 | 38.69 | 38.59 | 38.92 | 39.04 | 37.87 | 37.94 |
| 110.0 | 40.79 | 40.49 | 40.33 | 39.95 | 40.05 | 39.91 | 40.23 | 40.38 | 39.08 | 39.16 |
| 112.5 | 42.12 | 41.83 | 41.67 | 41.28 | 41.41 | 41.23 | 41.55 | 41.71 | 40.29 | 40.39 |
| 115.0 | 43.41 | 43.13 | 42.96 | 42.57 | 42.76 | 42.51 | 42.82 | 42.98 | 41.48 | 41.58 |
| 117.5 | 44.65 | 44.37 | 44.20 | 43.83 | 44.07 | 43.76 | 44.02 | 44.22 | 42.63 | 42.75 |
| 120.0 | 45.84 | 45.57 | 45.39 | 45.07 | 45.31 | 44.98 | 45.20 | 45.38 | 43.76 | 43.91 |
| 122.5 | 46.96 | 46.72 | 46.53 | 46.26 | 46.50 | 46.14 | 46.29 | 46.51 | 44.89 | 45.04 |
| 125.0 | 48.00 | 47.82 | 47.63 | 47.43 | 47.65 | 47.30 | 47.35 | 47.54 | 46.00 | 46.16 |
| 127.5 | 48.99 | 48.85 | 48.66 | 48.54 | 48.76 | 48.40 | 48.34 | 48.51 | 47.09 | 47.25 |
| 130.0 | 49.93 | 49.85 | 49.70 | 49.66 | 49.85 | 49.48 | 49.32 | 49.43 | 48.16 | 48.31 |
| 132.5 | 50.80 | 50.83 | 50.74 | 50.73 | 50.91 | 50.52 | 50.26 | 50.29 | 49.21 | 49.37 |
| 135.0 | 51.67 | 51.81 | 51.79 | 51.80 | 51.94 | 51.53 | 51.25 | 51.17 | 50.26 | 50.39 |
| 137.5 | 52.53 | 52.76 | 52.82 | 52.84 | 52.92 | 52.48 | 52.17 | 52.04 | 51.34 | 51.43 |
| 140.0 | 53.46 | 53.74 | 53.87 | 53.86 | 53.93 | 53.47 | 53.11 | 52.96 | 52.49 | 52.49 |
| 142.5 | 54.46 | 54.75 | 54.93 | 54.89 | 54.96 | 54.48 | 54.09 | 53.92 | 53.70 | 53.60 |
| 145.0 | 55.52 | 55.82 | 56.03 | 55.95 | 56.01 | 55.49 | 55.16 | 54.92 | 54.96 | 54.75 |
| 147.5 | 56.69 | 56.99 | 57.16 | 57.06 | 57.15 | 56.58 | 56.27 | 56.03 | 56.28 | 56.01 |
| 150.0 | 57.92 | 58.25 | 58.36 | 58.24 | 58.31 | 57.77 | 57.45 | 57.20 | 57.65 | 57.33 |
| 152.5 | 59.30 | 59.58 | 59.66 | 59.57 | 59.61 | 59.04 | 58.74 | 58.49 | 59.17 | 58.75 |
| 155.0 | 60.76 | 60.95 | 61.05 | 60.92 | 60.96 | 60.41 | 60.15 | 59.86 | 60.73 | 60.22 |
| 157.5 | 62.23 | 62.38 | 62.46 | 62.30 | 62.34 | 61.83 | 61.61 | 61.32 | 62.34 | 61.70 |
| 160.0 | 63.78 | 63.91 | 63.87 | 63.74 | 63.71 | 63.23 | 63.07 | 62.84 | 63.98 | 63.22 |
| 162.5 | 65.35 | 65.43 | 65.26 | 65.17 | 65.08 | 64.71 | 64.58 | 64.35 | 65.56 | 64.68 |
| 165.0 | 66.86 | 66.85 | 66.59 | 66.47 | 66.33 | 66.07 | 65.99 | 65.81 | 67.11 | 66.08 |
| 167.5 | 68.27 | 68.13 | 67.82 | 67.69 | 67.52 | 67.33 | 67.25 | 67.14 | 68.52 | 67.41 |
| 170.0 | 69.59 | 69.26 | 68.93 | 68.77 | 68.64 | 68.43 | 68.41 | 68.39 | 69.85 | 68.67 |
| 172.5 | 70.73 | 70.22 | 69.82 | 69.68 | 69.50 | 69.33 | 69.43 | 69.51 | 70.97 | 69.83 |
| 175.0 | 71.68 | 70.92 | 70.54 | 70.36 | 70.21 | 70.14 | 70.23 | 70.48 | 71.75 | 70.59 |
| 177.5 | 72.35 | 71.36 | 71.08 | 70.93 | 70.81 | 70.80 | 70.89 | 71.14 | 72.38 | 71.15 |
| 180.0 | 72.68 | 71.43 | 71.24 | 71.12 | 71.14 | 71.14 | 71.26 | 71.49 | 72.61 | 71.46 |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks:

## Photometric Data Table [cd]

| G/C | 225.0 | 247.5 | 270.0 | 292.5 | 315.0 | 337.5 |
|---|---|---|---|---|---|---|
| 0.0 | 5084 | 5084 | 5084 | 5084 | 5084 | 5084 |
| 2.5 | 5084 | 5084 | 5084 | 5082 | 5083 | 5081 |
| 5.0 | 5071 | 5067 | 5071 | 5071 | 5072 | 5069 |
| 7.5 | 5052 | 5049 | 5049 | 5049 | 5052 | 5052 |
| 10.0 | 5022 | 5017 | 5019 | 5018 | 5023 | 5025 |
| 12.5 | 4984 | 4977 | 4978 | 4977 | 4983 | 4986 |
| 15.0 | 4939 | 4929 | 4930 | 4927 | 4936 | 4938 |
| 17.5 | 4884 | 4875 | 4876 | 4874 | 4880 | 4879 |
| 20.0 | 4821 | 4809 | 4811 | 4803 | 4815 | 4813 |
| 22.5 | 4743 | 4732 | 4738 | 4730 | 4740 | 4741 |
| 25.0 | 4661 | 4648 | 4651 | 4643 | 4652 | 4655 |
| 27.5 | 4565 | 4553 | 4555 | 4548 | 4557 | 4558 |
| 30.0 | 4461 | 4444 | 4446 | 4437 | 4457 | 4457 |
| 32.5 | 4350 | 4329 | 4329 | 4320 | 4340 | 4342 |
| 35.0 | 4222 | 4200 | 4199 | 4193 | 4213 | 4213 |
| 37.5 | 4077 | 4051 | 4051 | 4049 | 4070 | 4069 |
| 40.0 | 3909 | 3885 | 3887 | 3883 | 3908 | 3910 |
| 42.5 | 3728 | 3695 | 3705 | 3696 | 3723 | 3732 |
| 45.0 | 3532 | 3499 | 3509 | 3496 | 3523 | 3534 |
| 47.5 | 3322 | 3286 | 3296 | 3281 | 3313 | 3320 |
| 50.0 | 3100 | 3056 | 3070 | 3058 | 3095 | 3099 |
| 52.5 | 2853 | 2801 | 2817 | 2811 | 2859 | 2863 |
| 55.0 | 2574 | 2499 | 2521 | 2528 | 2596 | 2609 |
| 57.5 | 2244 | 2160 | 2183 | 2207 | 2293 | 2320 |
| 60.0 | 1902 | 1827 | 1853 | 1874 | 1959 | 1987 |
| 62.5 | 1587 | 1524 | 1548 | 1563 | 1630 | 1649 |
| 65.0 | 1300 | 1265 | 1273 | 1295 | 1330 | 1341 |
| 67.5 | 1046 | 1005 | 1030 | 1028 | 1067 | 1072 |
| 70.0 | 824.9 | 793.0 | 814.0 | 805.8 | 830.5 | 833.6 |
| 72.5 | 641.7 | 615.9 | 628.1 | 617.2 | 632.6 | 629.8 |
| 75.0 | 487.1 | 466.9 | 470.3 | 458.6 | 467.3 | 458.9 |
| 77.5 | 359.9 | 341.5 | 341.1 | 329.1 | 335.8 | 322.3 |
| 80.0 | 267.1 | 241.9 | 239.4 | 228.4 | 228.4 | 215.8 |
| 82.5 | 174.4 | 169.0 | 167.0 | 155.8 | 150.8 | 152.3 |
| 85.0 | 119.6 | 116.5 | 114.4 | 104.5 | 98.47 | 88.91 |
| 87.5 | 69.88 | 64.14 | 63.67 | 57.26 | 56.33 | 50.37 |
| 90.0 | 31.46 | 31.04 | 30.91 | 30.93 | 30.88 | 30.79 |
| 92.5 | 31.23 | 31.36 | 31.35 | 31.48 | 31.44 | 31.45 |
| 95.0 | 32.19 | 32.34 | 32.33 | 32.48 | 32.42 | 32.45 |
| 97.5 | 33.24 | 33.40 | 33.40 | 33.56 | 33.49 | 33.53 |
| 100.0 | 34.33 | 34.50 | 34.51 | 34.67 | 34.59 | 34.63 |
| 102.5 | 35.49 | 35.67 | 35.69 | 35.85 | 35.76 | 35.80 |
| 105.0 | 36.66 | 36.87 | 36.88 | 37.04 | 36.93 | 36.98 |
| 107.5 | 37.88 | 38.08 | 38.12 | 38.26 | 38.16 | 38.20 |
| 110.0 | 39.08 | 39.29 | 39.37 | 39.47 | 39.38 | 39.40 |
| 112.5 | 40.29 | 40.49 | 40.61 | 40.69 | 40.57 | 40.61 |
| 115.0 | 41.49 | 41.68 | 41.88 | 41.90 | 41.76 | 41.78 |
| 117.5 | 42.66 | 42.87 | 43.10 | 43.06 | 42.90 | 42.92 |
| 120.0 | 43.84 | 44.07 | 44.34 | 44.23 | 44.05 | 44.04 |
| 122.5 | 44.97 | 45.25 | 45.54 | 45.38 | 45.15 | 45.13 |
| 125.0 | 46.09 | 46.45 | 46.76 | 46.57 | 46.27 | 46.25 |
| 127.5 | 47.18 | 47.62 | 47.91 | 47.76 | 47.38 | 47.32 |
| 130.0 | 48.24 | 48.79 | 49.11 | 48.96 | 48.50 | 48.40 |
| 132.5 | 49.36 | 49.97 | 50.29 | 50.15 | 49.65 | 49.50 |
| 135.0 | 50.47 | 51.11 | 51.46 | 51.34 | 50.82 | 50.59 |
| 137.5 | 51.57 | 52.26 | 52.64 | 52.54 | 52.01 | 51.70 |
| 140.0 | 52.67 | 53.36 | 53.77 | 53.68 | 53.16 | 52.85 |
| 142.5 | 53.81 | 54.51 | 54.91 | 54.90 | 54.37 | 54.03 |
| 145.0 | 54.96 | 55.62 | 56.06 | 56.07 | 55.59 | 55.25 |
| 147.5 | 56.18 | 56.83 | 57.26 | 57.27 | 56.90 | 56.58 |
| 150.0 | 57.45 | 58.03 | 58.50 | 58.57 | 58.22 | 57.91 |
| 152.5 | 58.77 | 59.32 | 59.82 | 59.93 | 59.63 | 59.42 |
| 155.0 | 60.19 | 60.70 | 61.16 | 61.31 | 61.07 | 60.93 |
| 157.5 | 61.70 | 62.10 | 62.53 | 62.75 | 62.57 | 62.48 |
| 160.0 | 63.20 | 63.54 | 63.92 | 64.12 | 64.09 | 64.04 |
| 162.5 | 64.64 | 64.96 | 65.26 | 65.50 | 65.52 | 65.56 |
| 165.0 | 66.04 | 66.32 | 66.57 | 66.80 | 66.87 | 67.03 |
| 167.5 | 67.36 | 67.54 | 67.74 | 67.96 | 68.13 | 68.37 |
| 170.0 | 68.55 | 68.63 | 68.76 | 69.03 | 69.14 | 69.47 |
| 172.5 | 69.59 | 69.57 | 69.62 | 69.84 | 70.01 | 70.36 |
| 175.0 | 70.42 | 70.35 | 70.32 | 70.47 | 70.70 | 70.98 |
| 177.5 | 71.01 | 70.88 | 70.94 | 70.92 | 71.13 | 71.39 |
| 180.0 | 71.19 | 71.14 | 71.12 | 71.18 | 71.24 | 71.52 |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:
Test Date:26 June 2025

γ Range: 0 - 180DEG
γ Interval: 2.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:8.050m [K=1.0000]
Remarks: