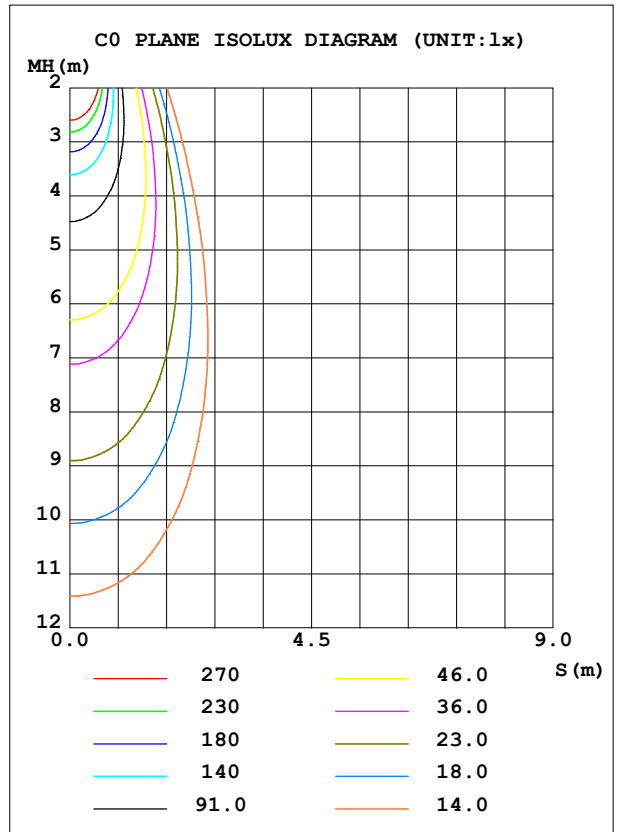
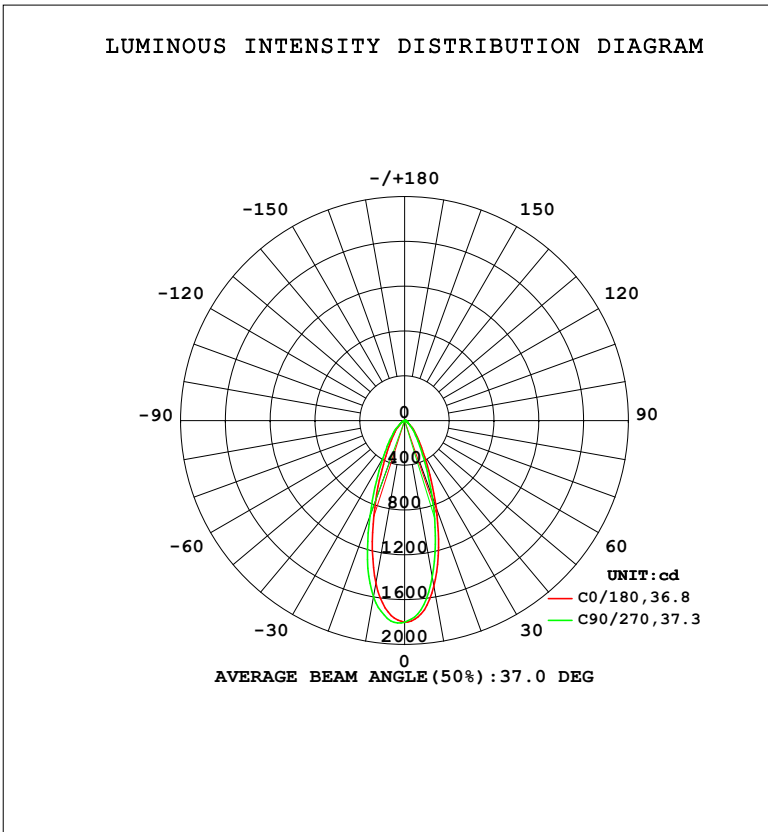


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|-------------------|---------|------------------|--------|--------------------------|----------|
| MODEL | | Imax (cd) | 1808 | S/MH (C0/180) | 0.59 |
| NOMINAL POWER (W) | 11 | LOR (%) | 100.0 | S/MH (C90/270) | 0.65 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 996.18 | η UP, DN (C0-180) | 0.0,49.6 |
| NOMINAL FLUX (lm) | 996.182 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0,50.4 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | 0.65 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

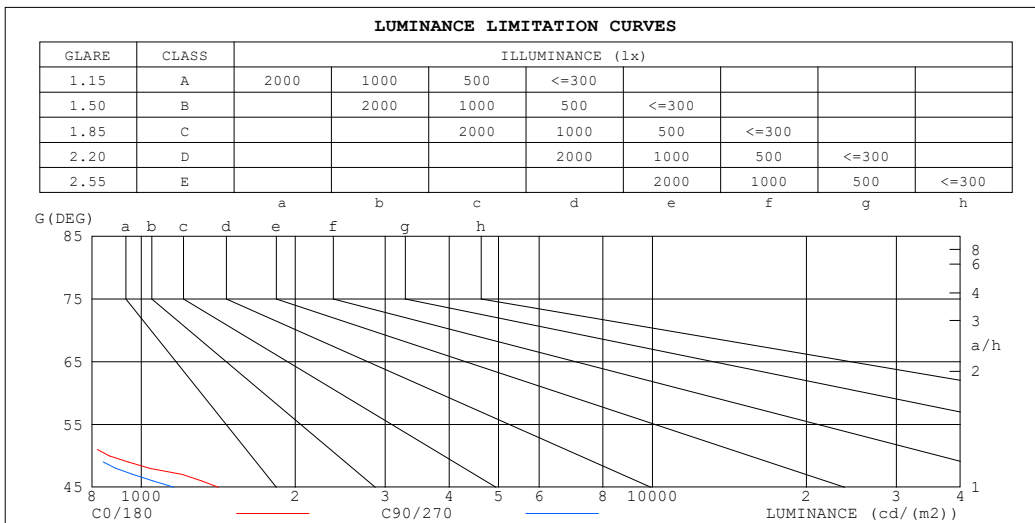
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 1504 | 1512 | 1420 | 1508 | 1480 | 1470 | 1599 | 1517 | 0- 10 | 157.7 | 157.7 | 15.8,15.8 |
| 20 | 827.6 | 817.2 | 720.8 | 823.2 | 756.2 | 753.7 | 906.6 | 783.1 | 10- 20 | 316.0 | 473.6 | 47.5,47.5 |
| 30 | 342.7 | 335.0 | 289.3 | 345.3 | 305.0 | 320.8 | 391.3 | 333.3 | 20- 30 | 240.4 | 714.0 | 71.7,71.7 |
| 40 | 155.4 | 151.9 | 133.5 | 152.4 | 141.3 | 149.9 | 177.2 | 157.6 | 30- 40 | 140.4 | 854.4 | 85.8,85.8 |
| 50 | 61.04 | 63.03 | 57.25 | 62.23 | 59.13 | 58.78 | 63.69 | 57.03 | 40- 50 | 80.75 | 935.1 | 93.9,93.9 |
| 60 | 25.35 | 25.27 | 24.22 | 24.12 | 25.22 | 26.62 | 28.72 | 26.04 | 50- 60 | 36.57 | 971.7 | 97.5,97.5 |
| 70 | 8.477 | 8.559 | 8.862 | 8.733 | 8.397 | 8.679 | 9.301 | 8.716 | 60- 70 | 15.86 | 987.6 | 99.1,99.1 |
| 80 | 3.995 | 3.995 | 3.773 | 3.684 | 3.878 | 4.086 | 4.342 | 4.352 | 70- 80 | 6.837 | 994.4 | 99.8,99.8 |
| 90 | 0.1125 | 0.0783 | 0.0869 | 0.0918 | 0.0669 | 0.0609 | 0.1681 | 0.3549 | 80- 90 | 1.766 | 996.2 | 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 | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 140 | 110 |
| 80 | 210 | 194 |
| 75 | 230 | 231 |
| 70 | 226 | 232 |
| 65 | 327 | 314 |
| 60 | 462 | 433 |
| 55 | 650 | 576 |
| 50 | 865 | 797 |
| 45 | 1415 | 1159 |

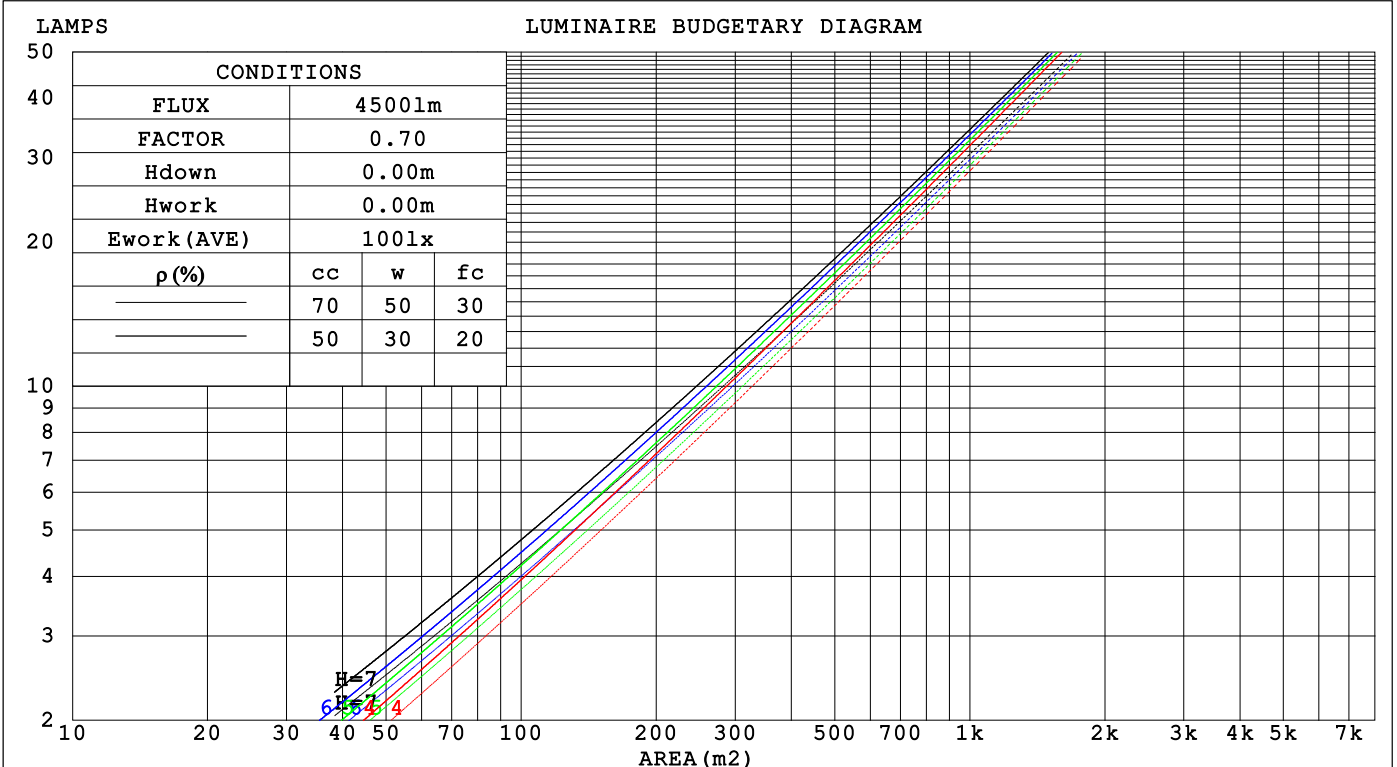
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators:
 Test Date: 2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz | | |
| UTHdi:0.00% ITHdi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | 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 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 | 1.11 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.01 | 1.01 | .99 | .98 | .97 | .96 | .95 | .93 |
| 2.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .98 | .95 | .92 | .95 | .92 | .90 | .92 | .90 | .88 | .87 |
| 3.0 | .96 | .91 | .87 | .94 | .90 | .86 | .92 | .88 | .85 | .89 | .86 | .83 | .87 | .84 | .82 | .81 |
| 4.0 | .90 | .84 | .80 | .89 | .83 | .79 | .86 | .82 | .79 | .84 | .81 | .78 | .83 | .79 | .77 | .75 |
| 5.0 | .84 | .78 | .74 | .83 | .78 | .74 | .82 | .77 | .73 | .80 | .76 | .73 | .78 | .75 | .72 | .70 |
| 6.0 | .79 | .74 | .69 | .79 | .73 | .69 | .77 | .72 | .69 | .76 | .71 | .68 | .74 | .71 | .68 | .66 |
| 7.0 | .75 | .69 | .65 | .74 | .69 | .65 | .73 | .68 | .65 | .72 | .67 | .64 | .71 | .67 | .64 | .62 |
| 8.0 | .71 | .65 | .61 | .71 | .65 | .61 | .69 | .64 | .61 | .68 | .64 | .61 | .68 | .63 | .60 | .59 |
| 9.0 | .68 | .62 | .58 | .67 | .62 | .58 | .66 | .61 | .58 | .65 | .61 | .58 | .64 | .60 | .57 | .56 |
| 10.0 | .64 | .59 | .55 | .64 | .59 | .55 | .63 | .58 | .55 | .62 | .58 | .55 | .62 | .58 | .55 | .53 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | 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 | .182 | .104 | .033 | .176 | .100 | .032 | .163 | .094 | .030 | .152 | .087 | .028 | .141 | .082 | .026 | |
| 2.0 | .174 | .095 | .029 | .168 | .093 | .029 | .158 | .088 | .027 | .148 | .083 | .026 | .139 | .079 | .025 | |
| 3.0 | .165 | .088 | .026 | .160 | .086 | .026 | .151 | .082 | .025 | .142 | .078 | .024 | .135 | .075 | .023 | |
| 4.0 | .156 | .081 | .024 | .152 | .079 | .023 | .144 | .076 | .023 | .136 | .073 | .022 | .130 | .070 | .021 | |
| 5.0 | .147 | .075 | .022 | .144 | .074 | .022 | .137 | .071 | .021 | .131 | .069 | .021 | .125 | .067 | .020 | |
| 6.0 | .140 | .070 | .020 | .137 | .069 | .020 | .131 | .067 | .019 | .125 | .065 | .019 | .120 | .063 | .019 | |
| 7.0 | .133 | .066 | .019 | .130 | .065 | .018 | .125 | .063 | .018 | .120 | .061 | .018 | .115 | .060 | .018 | |
| 8.0 | .126 | .062 | .017 | .124 | .061 | .017 | .119 | .060 | .017 | .115 | .058 | .017 | .111 | .057 | .017 | |
| 9.0 | .121 | .058 | .016 | .118 | .058 | .016 | .114 | .056 | .016 | .110 | .055 | .016 | .107 | .054 | .016 | |
| 10.0 | .115 | .055 | .015 | .113 | .055 | .015 | .110 | .054 | .015 | .106 | .053 | .015 | .103 | .052 | .015 | |

| 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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .171 | .157 | .144 | .147 | .135 | .124 | .100 | .093 | .086 | .058 | .054 | .050 | .019 | .017 | .016 | |
| 2.0 | .157 | .132 | .112 | .134 | .114 | .097 | .092 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 | |
| 3.0 | .144 | .114 | .089 | .124 | .098 | .077 | .085 | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .010 | |
| 4.0 | .134 | .099 | .072 | .115 | .085 | .063 | .079 | .060 | .044 | .046 | .035 | .026 | .015 | .011 | .009 | |
| 5.0 | .125 | .087 | .060 | .107 | .076 | .052 | .074 | .053 | .037 | .043 | .031 | .022 | .014 | .010 | .007 | |
| 6.0 | .117 | .078 | .050 | .101 | .068 | .043 | .070 | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 | |
| 7.0 | .111 | .070 | .042 | .095 | .061 | .037 | .066 | .043 | .026 | .038 | .025 | .016 | .012 | .008 | .005 | |
| 8.0 | .105 | .064 | .036 | .090 | .056 | .032 | .062 | .039 | .022 | .036 | .023 | .013 | .012 | .008 | .004 | |
| 9.0 | .099 | .059 | .031 | .085 | .051 | .027 | .059 | .036 | .020 | .034 | .021 | .012 | .011 | .007 | .004 | |
| 10.0 | .094 | .054 | .028 | .081 | .047 | .024 | .056 | .033 | .017 | .033 | .020 | .010 | .011 | .006 | .003 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | 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 | 8.6 | 9.5 | 8.8 | 9.7 | 9.8 | 8.0 | 8.9 | 8.2 | 9.1 | 9.2 |
| 3H | 8.6 | 9.5 | 8.9 | 9.7 | 9.9 | 8.1 | 8.9 | 8.3 | 9.1 | 9.3 |
| 4H | 8.6 | 9.5 | 8.9 | 9.7 | 9.9 | 8.1 | 8.9 | 8.4 | 9.2 | 9.4 |
| 6H | 8.7 | 9.4 | 9.0 | 9.7 | 9.9 | 8.1 | 8.9 | 8.4 | 9.2 | 9.4 |
| 8H | 8.6 | 9.4 | 9.0 | 9.7 | 9.9 | 8.1 | 8.9 | 8.4 | 9.1 | 9.4 |
| 12H | 8.6 | 9.3 | 8.9 | 9.6 | 9.9 | 8.1 | 8.8 | 8.4 | 9.1 | 9.4 |
| 4H 2H | 8.5 | 9.3 | 8.8 | 9.6 | 9.8 | 8.0 | 8.8 | 8.2 | 9.0 | 9.2 |
| 3H | 8.6 | 9.4 | 9.0 | 9.6 | 9.9 | 8.1 | 8.9 | 8.5 | 9.1 | 9.4 |
| 4H | 8.7 | 9.4 | 9.1 | 9.7 | 10.0 | 8.2 | 8.9 | 8.6 | 9.2 | 9.5 |
| 6H | 8.8 | 9.4 | 9.2 | 9.7 | 10.0 | 8.3 | 8.9 | 8.7 | 9.2 | 9.6 |
| 8H | 8.8 | 9.3 | 9.2 | 9.7 | 10.1 | 8.3 | 8.9 | 8.7 | 9.2 | 9.6 |
| 12H | 8.8 | 9.3 | 9.2 | 9.6 | 10.0 | 8.3 | 8.8 | 8.7 | 9.2 | 9.6 |
| 8H 4H | 8.7 | 9.2 | 9.1 | 9.6 | 9.9 | 8.2 | 8.7 | 8.6 | 9.1 | 9.5 |
| 6H | 8.8 | 9.2 | 9.2 | 9.6 | 10.0 | 8.4 | 8.8 | 8.8 | 9.2 | 9.6 |
| 8H | 8.8 | 9.2 | 9.3 | 9.6 | 10.1 | 8.4 | 8.8 | 8.8 | 9.2 | 9.6 |
| 12H | 8.8 | 9.2 | 9.3 | 9.6 | 10.1 | 8.4 | 8.7 | 8.8 | 9.2 | 9.6 |
| 12H 4H | 8.6 | 9.1 | 9.0 | 9.5 | 9.9 | 8.2 | 8.7 | 8.6 | 9.0 | 9.4 |
| 6H | 8.8 | 9.2 | 9.2 | 9.6 | 10.0 | 8.3 | 8.7 | 8.8 | 9.1 | 9.6 |
| 8H | 8.8 | 9.1 | 9.3 | 9.6 | 10.1 | 8.4 | 8.7 | 8.9 | 9.2 | 9.6 |

| | | |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): | | |
| S = 1.0H | + 1.4 / - 2.3 | + 1.3 / - 2.2 |
| 1.5H | + 1.9 / - 1.8 | + 1.5 / - 1.4 |
| 2.0H | + 3.2 / - 2.3 | + 2.6 / - 1.9 |

CIE Pub.117, 996.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.0)
 Area: 0.111111 m2

| | |
|----------------------|---|
| C Range: 0 - 360DEG | γ Range: 0 - 90DEG |
| C Interval: 22.5DEG | γ Interval: 1.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460 |
| Temperature:25.3°C | Humidity:65.0% |
| Operators: | Test Distance:3.090m [K=1.0000] |
| Test Date:2022-12-05 | Remarks: |

UTILIZATION FACTORS TABLE

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |

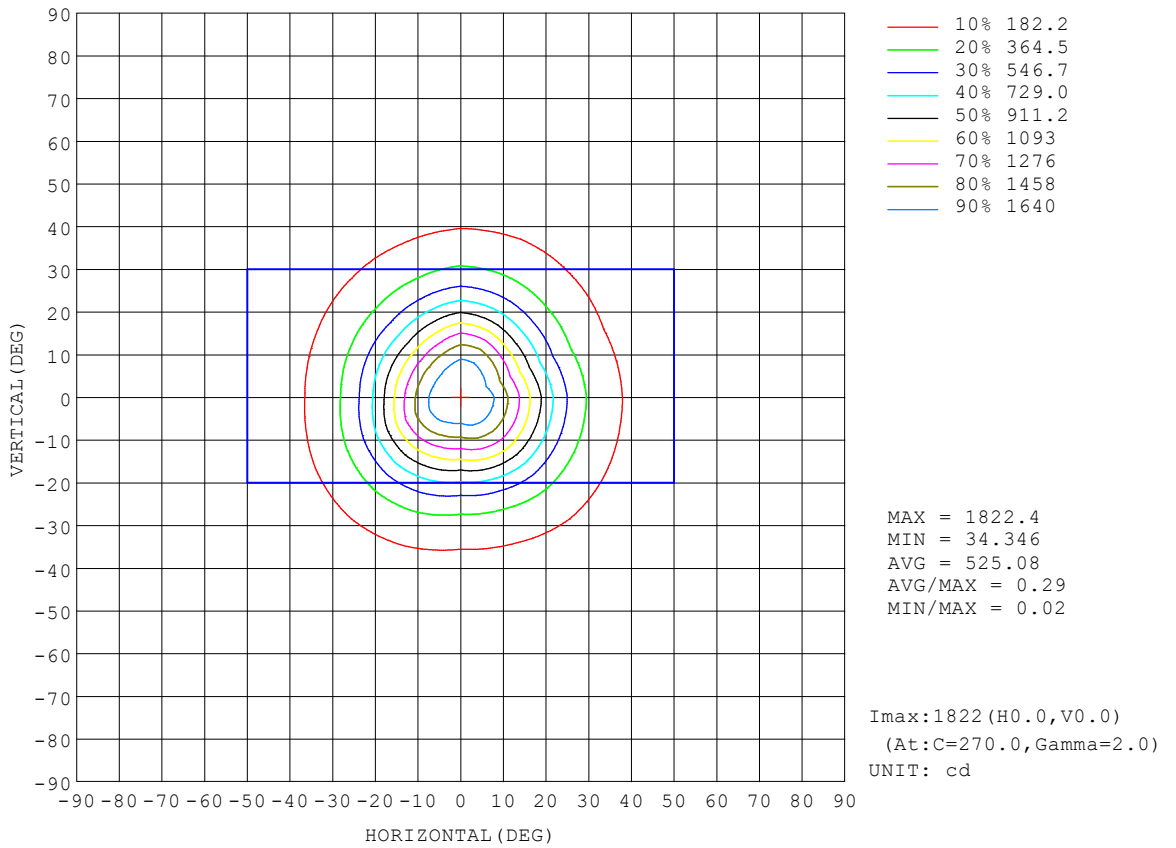
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 83 | 75 | 71 | 82 | 75 | 71 | 81 | 75 | 71 | 67 |
| 0.80 | 91 | 84 | 80 | 90 | 84 | 79 | 89 | 83 | 79 | 75 |
| 1.00 | 96 | 90 | 85 | 95 | 89 | 85 | 93 | 89 | 85 | 80 |
| 1.25 | 100 | 95 | 91 | 99 | 94 | 90 | 97 | 93 | 89 | 85 |
| 1.50 | 104 | 98 | 94 | 102 | 97 | 94 | 100 | 96 | 93 | 88 |
| 2.00 | 107 | 102 | 99 | 105 | 101 | 98 | 103 | 99 | 96 | 91 |
| 2.50 | 109 | 105 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 92 |
| 3.00 | 111 | 107 | 104 | 109 | 105 | 103 | 105 | 103 | 100 | 94 |
| 4.00 | 113 | 110 | 107 | 111 | 108 | 106 | 107 | 105 | 103 | 96 |
| 5.00 | 114 | 112 | 109 | 112 | 110 | 108 | 108 | 106 | 105 | 97 |
| 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: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |

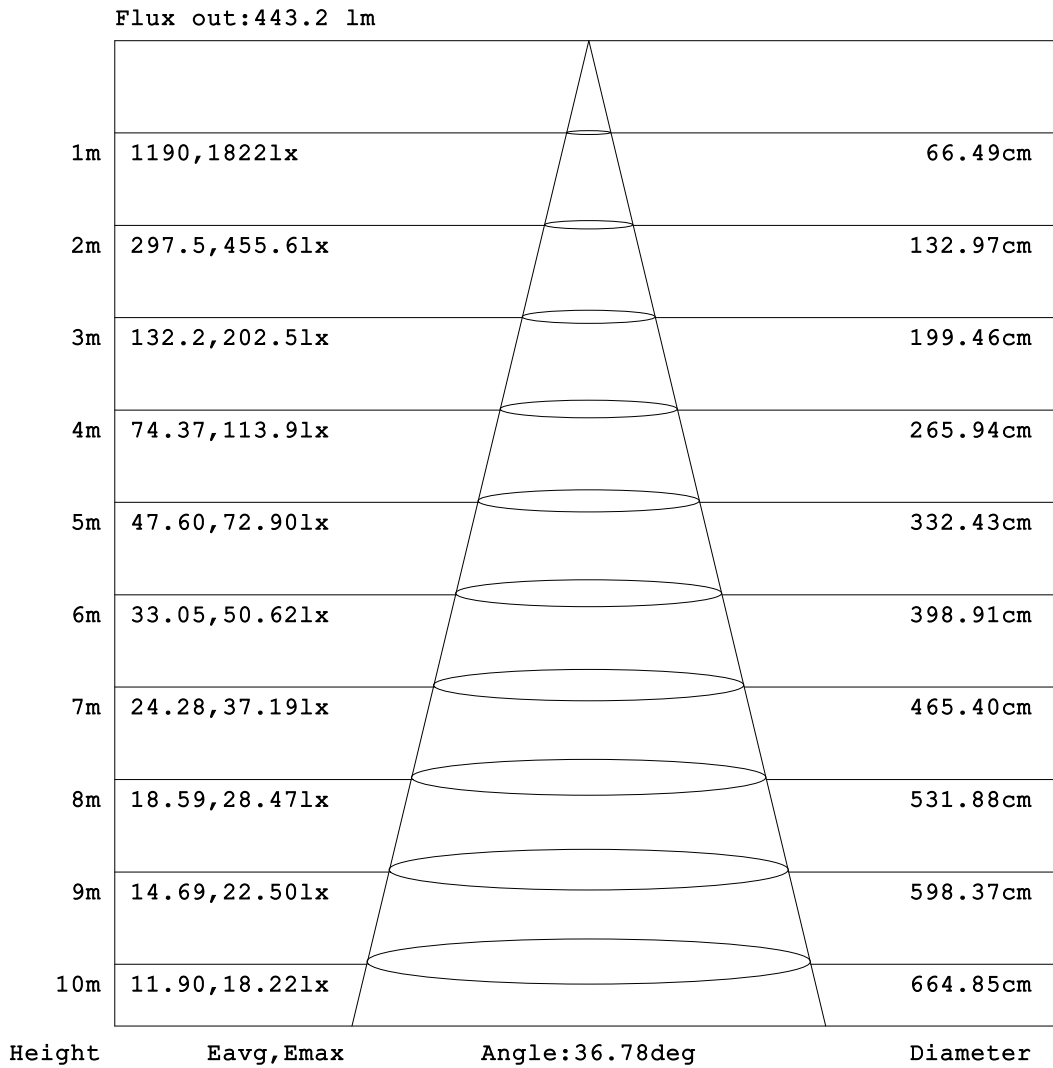


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |



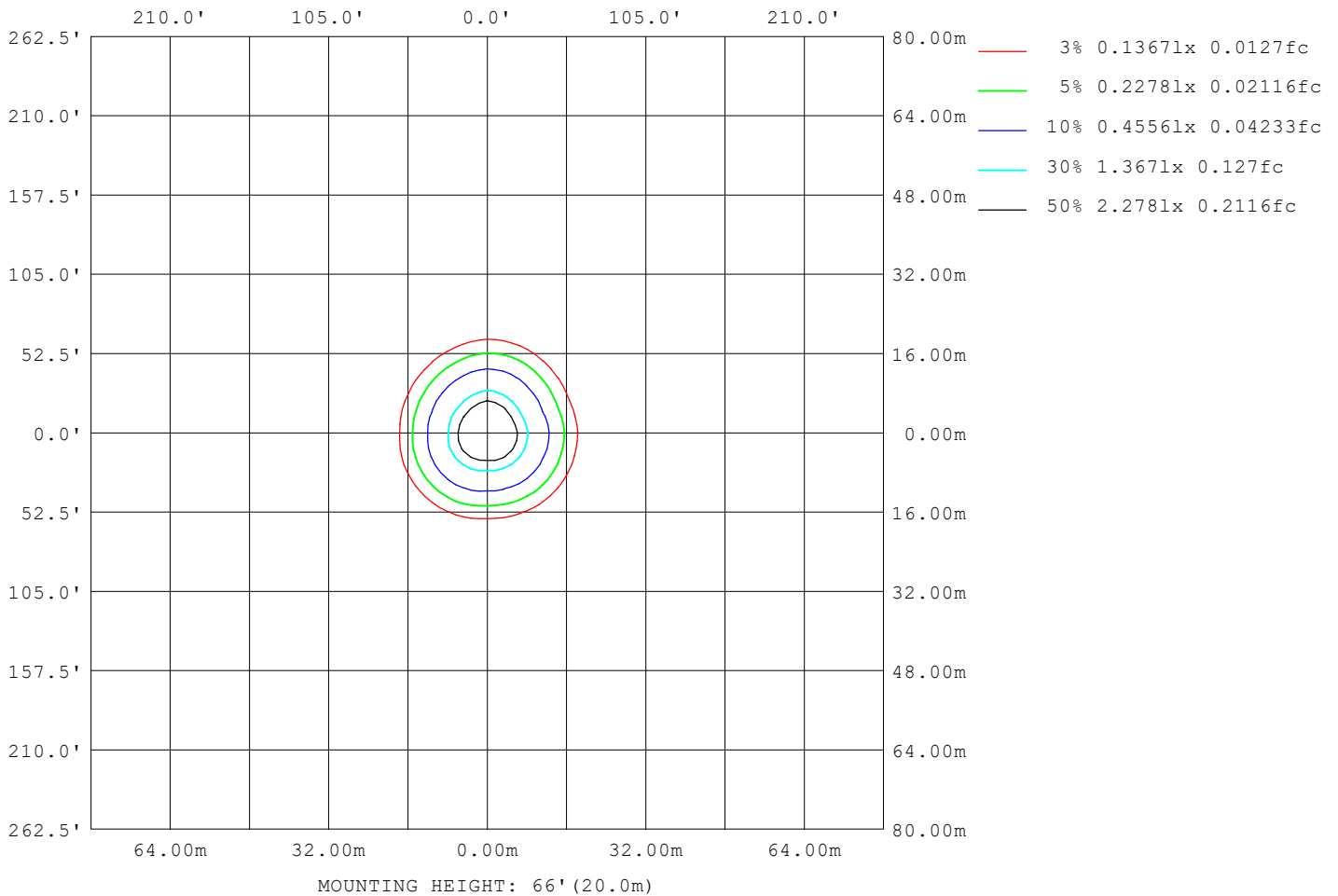
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |

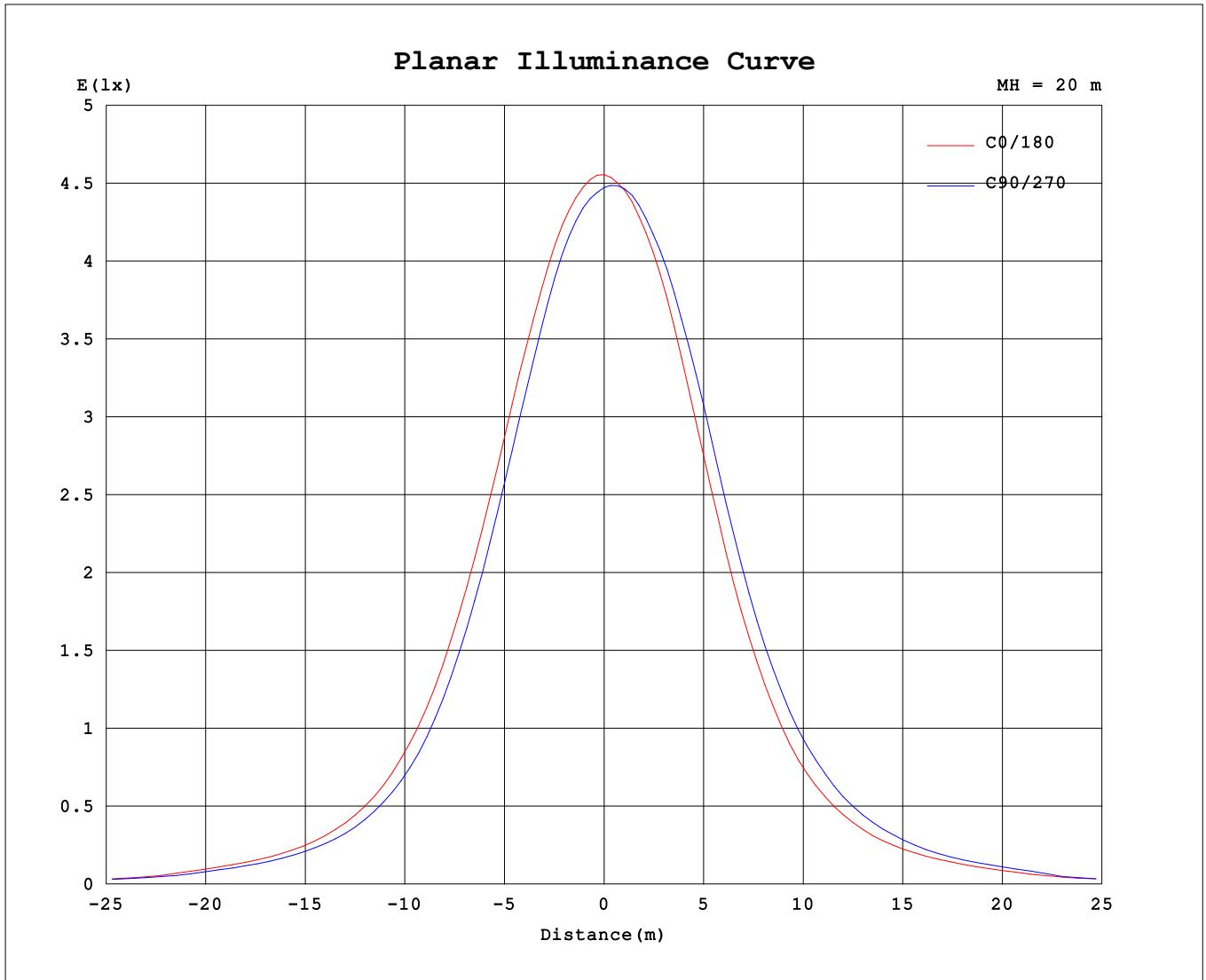
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 323 |
| L_0~180 (75) av | 227 |
| L_0~180 (85) av | 129 |
| L_90~270 (65) av | 351 |
| L_90~270 (75) av | 230 |
| L_90~270 (85) av | 146 |
| L_45 (65) av | 328 |
| L_45 (75) av | 231 |
| L_45 (85) av | 136 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators:
 Test Date: 2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------|------------------|
| Test:U:119.63V I:0.0922A P:10.854W PF:0.9837 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:996.182x1 lm | | |
| NAME: LED-2-S11W-5CCTWH-EY-T | TYPE: | WEIGHT: |
| SPEC.: 5000K 90 | DIM.: | SERIAL No.: |
| MFR.: LTS | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ γ (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 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | 1800 | | | |
| 5 | 1731 | 1734 | 1734 | 1722 | 1695 | 1707 | 1730 | 1743 | 1715 | 1708 | 1712 | 1741 | 1775 | 1755 | 1720 | 1702 | | | |
| 10 | 1504 | 1515 | 1512 | 1481 | 1420 | 1450 | 1508 | 1545 | 1480 | 1459 | 1470 | 1520 | 1599 | 1584 | 1517 | 1458 | | | |
| 15 | 1173 | 1181 | 1182 | 1132 | 1066 | 1111 | 1169 | 1200 | 1119 | 1102 | 1105 | 1170 | 1285 | 1243 | 1147 | 1103 | | | |
| 20 | 828 | 824 | 817 | 766 | 721 | 776 | 823 | 829 | 756 | 750 | 754 | 819 | 907 | 854 | 783 | 747 | | | |
| 25 | 539 | 537 | 529 | 481 | 454 | 504 | 538 | 533 | 479 | 482 | 492 | 538 | 600 | 568 | 515 | 483 | | | |
| 30 | 343 | 340 | 335 | 305 | 289 | 325 | 345 | 340 | 305 | 308 | 321 | 349 | 391 | 370 | 333 | 309 | | | |
| 35 | 225 | 224 | 219 | 200 | 191 | 212 | 222 | 220 | 201 | 205 | 214 | 234 | 260 | 251 | 226 | 208 | | | |
| 40 | 155 | 155 | 152 | 140 | 133 | 146 | 152 | 152 | 141 | 144 | 150 | 160 | 177 | 173 | 158 | 146 | | | |
| 45 | 110 | 109 | 106 | 98.7 | 91.6 | 101 | 105 | 107 | 99.3 | 101 | 105 | 115 | 127 | 124 | 110 | 101 | | | |
| 50 | 61.0 | 62.5 | 63.0 | 60.1 | 57.2 | 60.8 | 62.2 | 61.9 | 59.1 | 58.8 | 58.8 | 60.7 | 63.7 | 62.1 | 57.0 | 56.3 | | | |
| 55 | 40.9 | 41.2 | 41.0 | 39.8 | 36.9 | 36.8 | 37.7 | 39.5 | 40.0 | 40.9 | 41.8 | 42.6 | 44.3 | 43.1 | 40.1 | 38.5 | | | |
| 60 | 25.4 | 25.4 | 25.3 | 25.1 | 24.2 | 23.3 | 24.1 | 25.3 | 25.2 | 25.7 | 26.6 | 27.5 | 28.7 | 28.0 | 26.0 | 24.7 | | | |
| 65 | 15.2 | 15.2 | 15.6 | 15.3 | 14.8 | 14.0 | 14.2 | 15.0 | 15.2 | 15.7 | 16.2 | 16.8 | 18.1 | 17.4 | 15.6 | 14.5 | | | |
| 70 | 8.48 | 8.43 | 8.56 | 8.70 | 8.86 | 8.69 | 8.73 | 8.54 | 8.40 | 8.52 | 8.68 | 8.76 | 9.30 | 9.19 | 8.72 | 8.51 | | | |
| 75 | 6.54 | 6.55 | 6.67 | 6.77 | 6.69 | 6.43 | 6.55 | 6.61 | 6.54 | 6.58 | 6.59 | 6.47 | 6.55 | 6.67 | 6.82 | 6.70 | | | |
| 80 | 3.99 | 3.96 | 3.99 | 3.97 | 3.77 | 3.49 | 3.68 | 3.86 | 3.88 | 4.00 | 4.09 | 4.09 | 4.34 | 4.37 | 4.35 | 4.10 | | | |
| 85 | 1.34 | 1.22 | 1.18 | 1.10 | 1.07 | 0.93 | 0.98 | 1.07 | 1.15 | 1.31 | 1.40 | 1.45 | 1.75 | 1.77 | 1.72 | 1.46 | | | |
| 90 | 0.11 | 0.08 | 0.08 | 0.08 | 0.09 | 0.08 | 0.09 | 0.09 | 0.07 | 0.06 | 0.06 | 0.09 | 0.17 | 0.33 | 0.35 | 0.10 | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:
 Test Date:2022-12-05

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks: