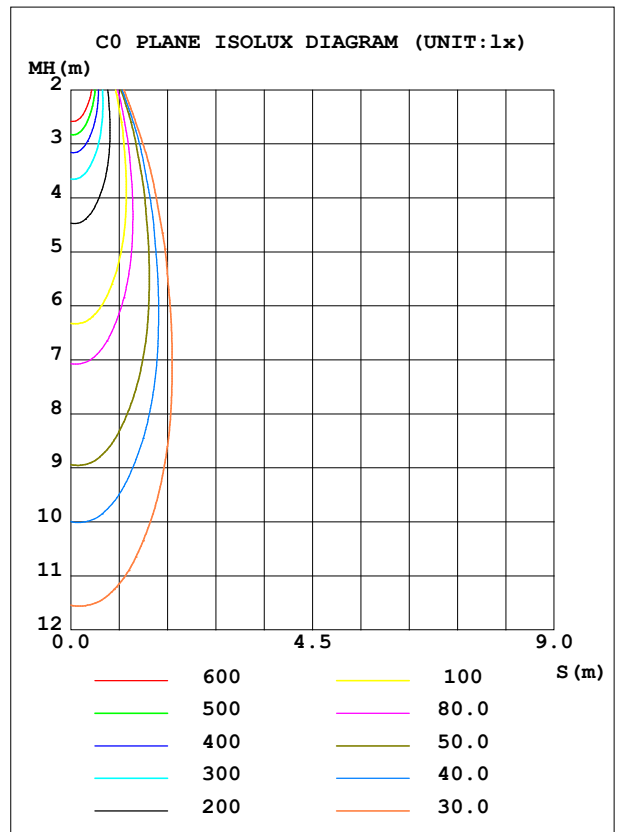
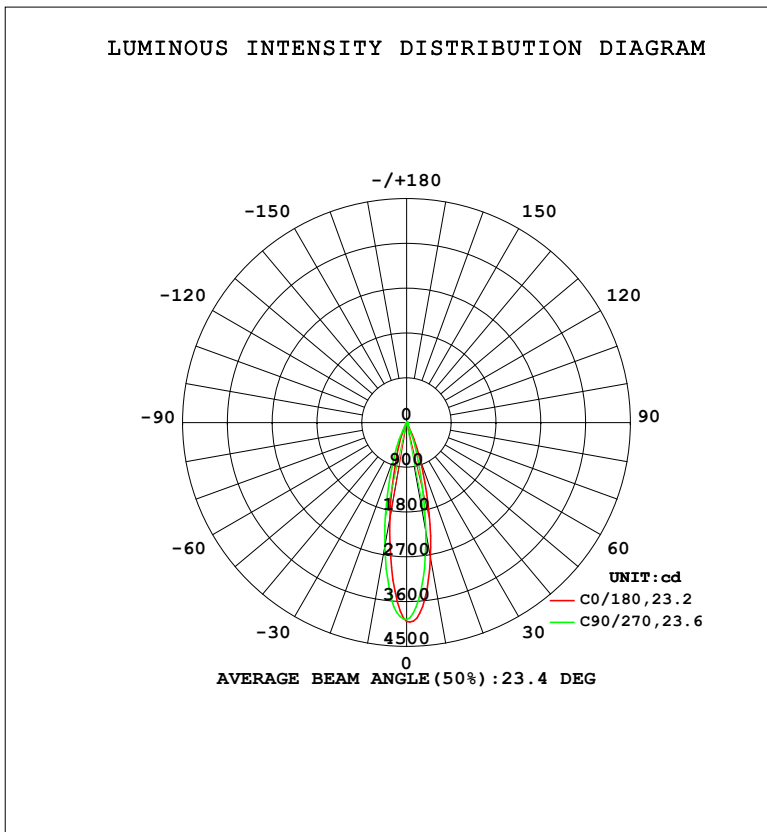


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|-----------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 58.92 lm/W |
|-------------------|----------------------|-----------------------|--------|---------------------|--|-----------------|
| MODEL | AD-3-S15W-FC-5CCT-WH | I _{max} (cd) | 4009 | S/MH (C0/180) | | 0.33 |
| NOMINAL POWER (W) | 15 | LOR (%) | 100.0 | S/MH (C90/270) | | 0.43 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 818.02 | η UP, DN (C0-180) | | 0.0,48.0 |
| NOMINAL FLUX (lm) | 818.02 | CIE CLASS | DIRECT | η UP, DN (C180-360) | | 0.0,52.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | | 0.00 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | | 0.30 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3 °C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

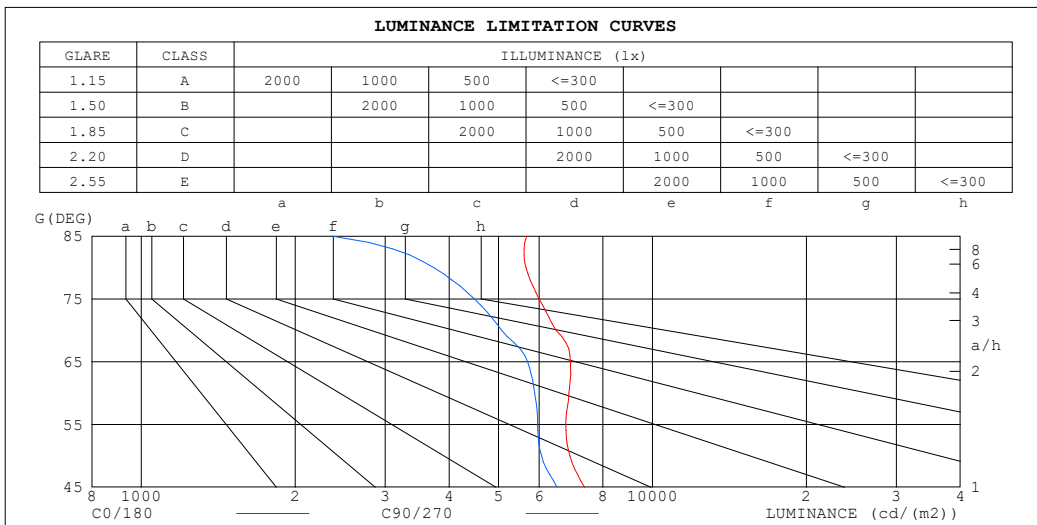
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 2771 | 2528 | 2225 | 1999 | 1958 | 2208 | 2533 | 2636 | 0- 10 | 292.5 | 292.5 | 35.8,35.8 |
| 20 | 811.0 | 622.8 | 505.7 | 436.4 | 428.1 | 543.4 | 727.4 | 836.8 | 10- 20 | 359.2 | 651.7 | 79.7,79.7 |
| 30 | 45.57 | 41.55 | 38.12 | 38.88 | 37.93 | 41.01 | 41.75 | 45.69 | 20- 30 | 101.6 | 753.3 | 92.1,92.1 |
| 40 | 24.72 | 23.02 | 21.65 | 22.33 | 23.10 | 24.49 | 24.80 | 24.96 | 30- 40 | 19.23 | 772.5 | 94.4,94.4 |
| 50 | 17.04 | 15.78 | 15.01 | 15.50 | 16.34 | 17.29 | 17.53 | 17.48 | 40- 50 | 15.07 | 787.6 | 96.3,96.3 |
| 60 | 13.20 | 12.14 | 11.31 | 11.54 | 12.45 | 13.46 | 13.83 | 13.75 | 50- 60 | 13.02 | 800.6 | 97.9,97.9 |
| 70 | 8.519 | 7.546 | 6.671 | 6.203 | 6.272 | 7.596 | 9.417 | 9.434 | 60- 70 | 10.24 | 810.8 | 99.1,99.1 |
| 80 | 3.780 | 3.186 | 2.493 | 2.256 | 2.256 | 3.096 | 3.997 | 4.211 | 70- 80 | 5.612 | 816.4 | 99.8,99.8 |
| 90 | 0.1816 | 0.3672 | 0.0754 | 0.1551 | 0.1385 | 0.1189 | 0.0802 | 0.2864 | 80- 90 | 1.605 | 818.0 | 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:24.3°C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 5673 | 2371 |
| 80 | 5659 | 3733 |
| 75 | 6002 | 4483 |
| 70 | 6476 | 5071 |
| 65 | 6907 | 5695 |
| 60 | 6863 | 5881 |
| 55 | 6766 | 5960 |
| 50 | 6890 | 6070 |
| 45 | 7361 | 6503 |

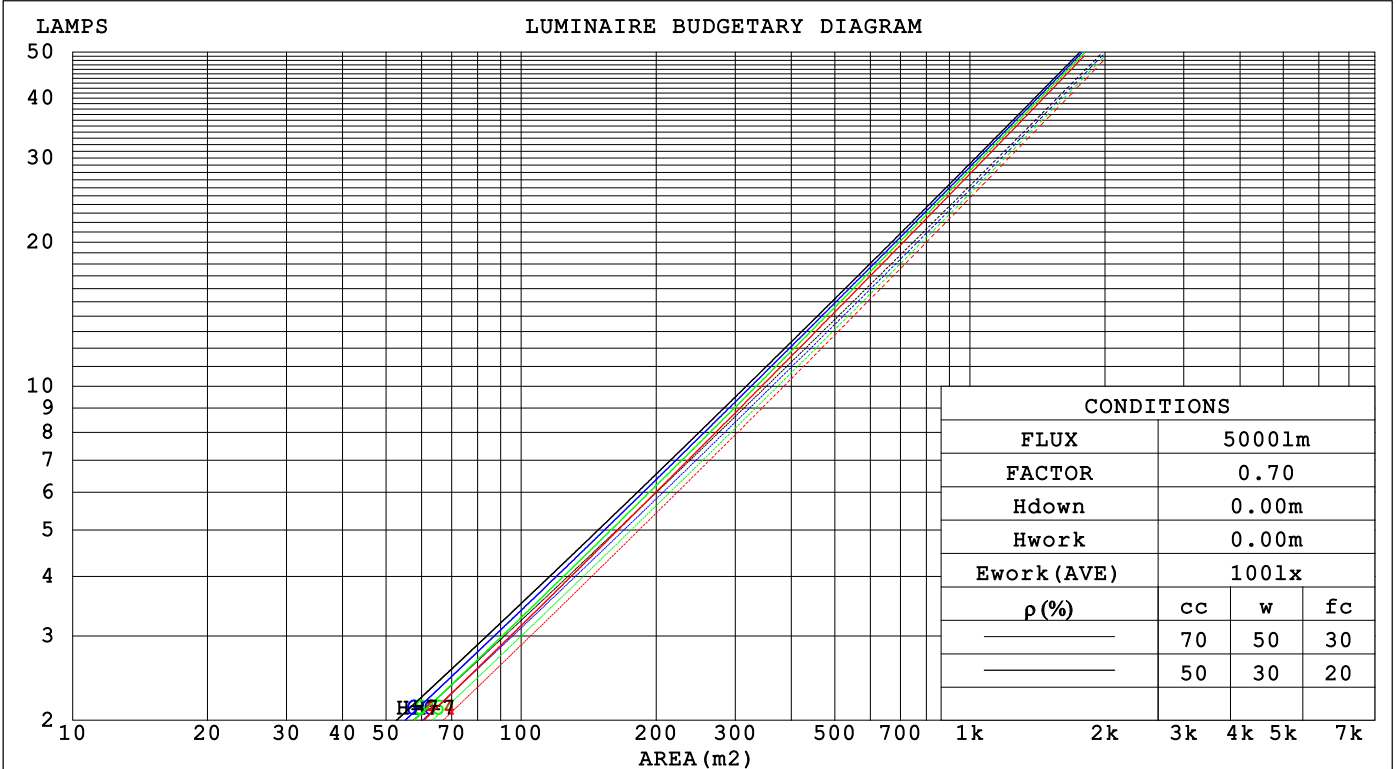
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-----------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | 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 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.07 | 1.06 | 1.05 | 1.03 | 1.03 | 1.01 | 1.00 | .99 | .98 | .98 | .96 |
| 2.0 | 1.07 | 1.03 | 1.01 | 1.05 | 1.02 | .99 | 1.02 | .99 | .98 | .99 | .97 | .95 | .96 | .95 | .93 | .92 |
| 3.0 | 1.02 | .98 | .95 | 1.01 | .97 | .94 | .98 | .95 | .93 | .96 | .93 | .91 | .94 | .92 | .90 | .89 |
| 4.0 | .98 | .93 | .90 | .97 | .93 | .90 | .95 | .91 | .89 | .93 | .90 | .88 | .91 | .89 | .87 | .86 |
| 5.0 | .94 | .90 | .86 | .93 | .89 | .86 | .91 | .88 | .85 | .90 | .87 | .85 | .89 | .86 | .84 | .83 |
| 6.0 | .91 | .86 | .83 | .90 | .86 | .83 | .89 | .85 | .82 | .87 | .84 | .82 | .86 | .84 | .81 | .80 |
| 7.0 | .88 | .83 | .80 | .87 | .83 | .80 | .86 | .82 | .80 | .85 | .82 | .79 | .84 | .81 | .79 | .78 |
| 8.0 | .85 | .81 | .78 | .85 | .81 | .78 | .84 | .80 | .77 | .83 | .80 | .77 | .82 | .79 | .77 | .76 |
| 9.0 | .83 | .78 | .76 | .82 | .78 | .76 | .81 | .78 | .75 | .81 | .77 | .75 | .80 | .77 | .75 | .74 |
| 10.0 | .80 | .76 | .74 | .80 | .76 | .73 | .79 | .76 | .73 | .79 | .75 | .73 | .78 | .75 | .73 | .72 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3 °C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|-----------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | 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 | .147 | .084 | .027 | .141 | .080 | .025 | .128 | .073 | .023 | .117 | .067 | .022 | .106 | .062 | .020 | |
| 2.0 | .136 | .075 | .023 | .130 | .072 | .022 | .120 | .067 | .021 | .111 | .062 | .019 | .102 | .058 | .018 | |
| 3.0 | .126 | .067 | .020 | .121 | .065 | .020 | .113 | .061 | .019 | .105 | .057 | .018 | .097 | .054 | .017 | |
| 4.0 | .117 | .061 | .018 | .114 | .059 | .018 | .106 | .056 | .017 | .099 | .053 | .016 | .093 | .051 | .015 | |
| 5.0 | .110 | .056 | .016 | .107 | .055 | .016 | .100 | .052 | .015 | .095 | .050 | .015 | .089 | .048 | .014 | |
| 6.0 | .103 | .052 | .015 | .101 | .051 | .015 | .095 | .049 | .014 | .090 | .047 | .014 | .086 | .045 | .013 | |
| 7.0 | .098 | .048 | .014 | .095 | .047 | .014 | .091 | .046 | .013 | .086 | .044 | .013 | .082 | .043 | .013 | |
| 8.0 | .093 | .045 | .013 | .091 | .045 | .013 | .086 | .043 | .012 | .083 | .042 | .012 | .079 | .041 | .012 | |
| 9.0 | .088 | .043 | .012 | .086 | .042 | .012 | .083 | .041 | .012 | .079 | .040 | .011 | .076 | .039 | .011 | |
| 10.0 | .084 | .040 | .011 | .083 | .040 | .011 | .079 | .039 | .011 | .076 | .038 | .011 | .074 | .037 | .011 | |

| 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 | .169 | .158 | .147 | .145 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .151 | .133 | .117 | .130 | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .016 | .015 | .013 | |
| 3.0 | .137 | .113 | .095 | .117 | .098 | .082 | .080 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .124 | .098 | .078 | .107 | .085 | .068 | .073 | .059 | .048 | .042 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .114 | .086 | .065 | .098 | .074 | .057 | .067 | .052 | .040 | .039 | .030 | .024 | .013 | .010 | .008 | |
| 6.0 | .105 | .076 | .055 | .090 | .066 | .048 | .062 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 | |
| 7.0 | .097 | .068 | .047 | .084 | .059 | .041 | .058 | .041 | .029 | .034 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .091 | .061 | .041 | .078 | .053 | .035 | .054 | .037 | .025 | .031 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .085 | .055 | .035 | .073 | .048 | .031 | .051 | .034 | .022 | .030 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .080 | .051 | .031 | .069 | .044 | .027 | .048 | .031 | .019 | .028 | .018 | .011 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3°C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | 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 | 11.9 | 12.5 | 12.1 | 12.7 | 12.8 | 11.2 | 11.9 | 11.4 | 12.1 | 12.2 |
| 3H | 13.6 | 14.2 | 13.8 | 14.4 | 14.6 | 12.7 | 13.3 | 12.9 | 13.5 | 13.7 |
| 4H | 14.2 | 14.8 | 14.5 | 15.0 | 15.2 | 13.2 | 13.8 | 13.5 | 14.1 | 14.3 |
| 6H | 14.7 | 15.3 | 15.0 | 15.5 | 15.8 | 13.6 | 14.1 | 13.9 | 14.4 | 14.6 |
| 8H | 14.9 | 15.5 | 15.2 | 15.7 | 15.9 | 13.7 | 14.2 | 14.0 | 14.5 | 14.7 |
| 12H | 15.0 | 15.6 | 15.3 | 15.8 | 16.1 | 13.7 | 14.2 | 14.0 | 14.5 | 14.8 |
| 4H 2H | 12.5 | 13.1 | 12.8 | 13.3 | 13.5 | 12.0 | 12.6 | 12.3 | 12.8 | 13.0 |
| 3H | 14.3 | 14.9 | 14.6 | 15.1 | 15.4 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 |
| 4H | 15.1 | 15.6 | 15.4 | 15.9 | 16.2 | 14.3 | 14.7 | 14.6 | 15.0 | 15.3 |
| 6H | 15.7 | 16.1 | 16.1 | 16.5 | 16.8 | 14.7 | 15.1 | 15.0 | 15.4 | 15.8 |
| 8H | 15.9 | 16.3 | 16.3 | 16.7 | 17.0 | 14.8 | 15.2 | 15.2 | 15.6 | 15.9 |
| 12H | 16.1 | 16.5 | 16.5 | 16.8 | 17.2 | 14.8 | 15.2 | 15.2 | 15.6 | 16.0 |
| 8H 4H | 15.3 | 15.7 | 15.7 | 16.0 | 16.4 | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 |
| 6H | 16.0 | 16.3 | 16.4 | 16.7 | 17.2 | 15.1 | 15.4 | 15.5 | 15.8 | 16.2 |
| 8H | 16.3 | 16.6 | 16.8 | 17.0 | 17.5 | 15.3 | 15.6 | 15.7 | 16.0 | 16.4 |
| 12H | 16.6 | 16.9 | 17.1 | 17.3 | 17.8 | 15.4 | 15.6 | 15.8 | 16.1 | 16.5 |
| 12H 4H | 15.3 | 15.6 | 15.7 | 16.0 | 16.4 | 14.5 | 14.9 | 15.0 | 15.3 | 15.7 |
| 6H | 16.0 | 16.3 | 16.5 | 16.7 | 17.2 | 15.1 | 15.5 | 15.6 | 15.9 | 16.3 |
| 8H | 16.4 | 16.6 | 16.8 | 17.1 | 17.5 | 15.4 | 15.6 | 15.8 | 16.1 | 16.5 |

| | | |
|-----------------------------------------------------------------|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): | | |
| S = 1.0H | + 0.1 / - 0.2 | + 0.2 / - 0.3 |
| 1.5H | + 0.1 / - 0.1 | + 0.1 / - 0.2 |
| 2.0H | + 0.1 / - 0.3 | + 0.2 / - 0.3 |

CIE Pub.117, 818.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.7)
 Area: 0.0038465 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3°C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |

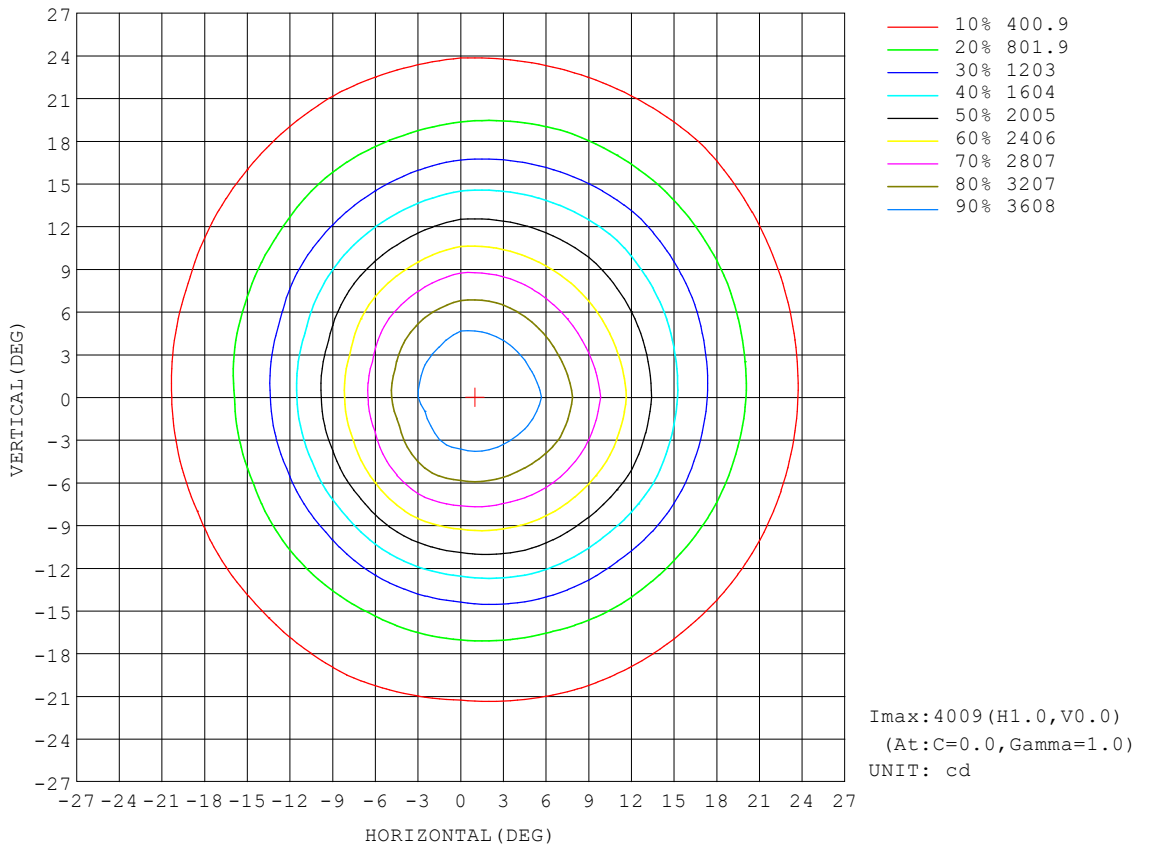
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 88 | 82 | 78 | 88 | 82 | 78 | 87 | 81 | 78 | 75 |
| 0.80 | 95 | 90 | 86 | 95 | 89 | 86 | 94 | 89 | 85 | 82 |
| 1.00 | 99 | 94 | 90 | 99 | 93 | 90 | 97 | 93 | 90 | 86 |
| 1.25 | 103 | 98 | 95 | 102 | 98 | 94 | 100 | 96 | 94 | 89 |
| 1.50 | 106 | 101 | 98 | 105 | 100 | 97 | 102 | 99 | 96 | 92 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 99 | 94 |
| 2.50 | 110 | 106 | 103 | 109 | 105 | 102 | 105 | 103 | 101 | 95 |
| 3.00 | 112 | 108 | 106 | 110 | 107 | 104 | 107 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 108 | 106 | 99 |
| 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:24.3°C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |

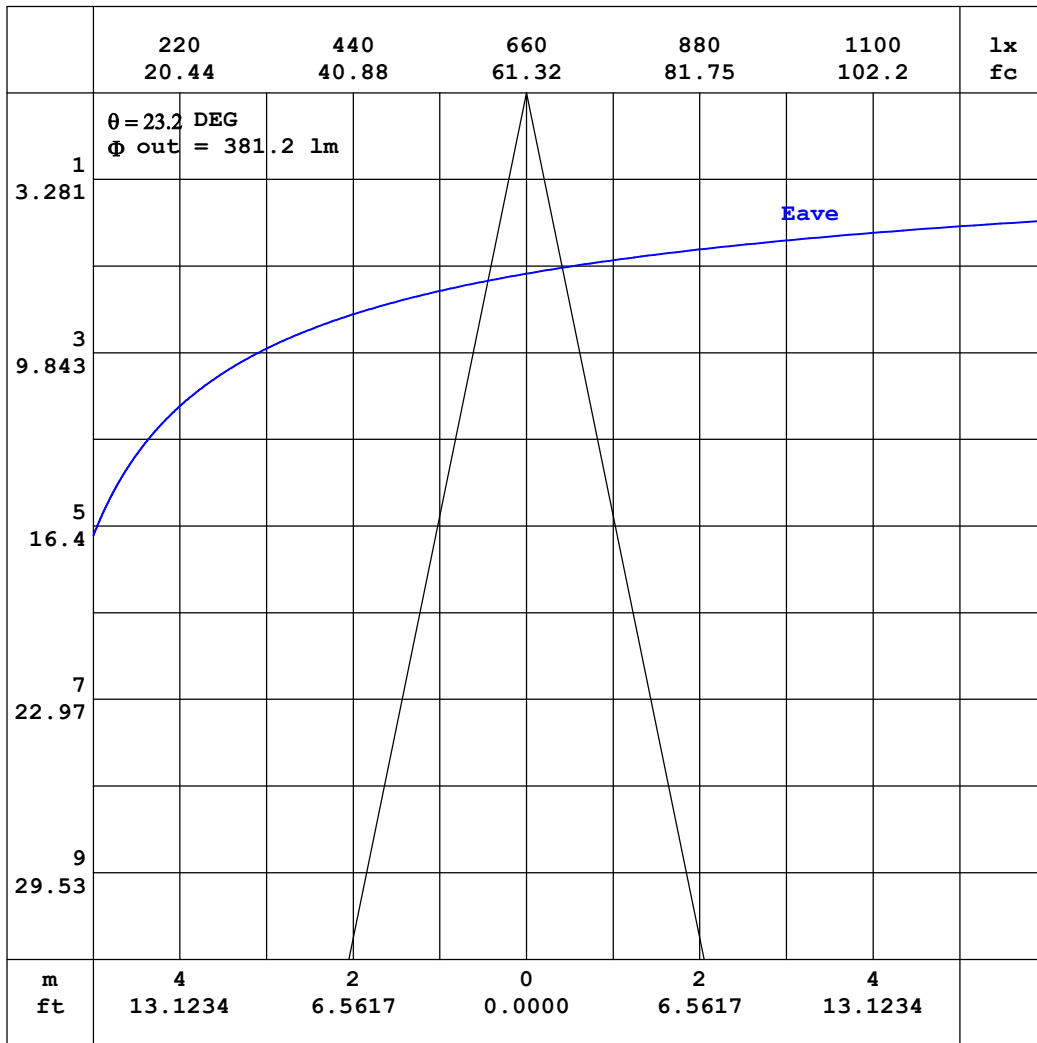


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3°C
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

AAI CURVES

| | | |
|-----------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |



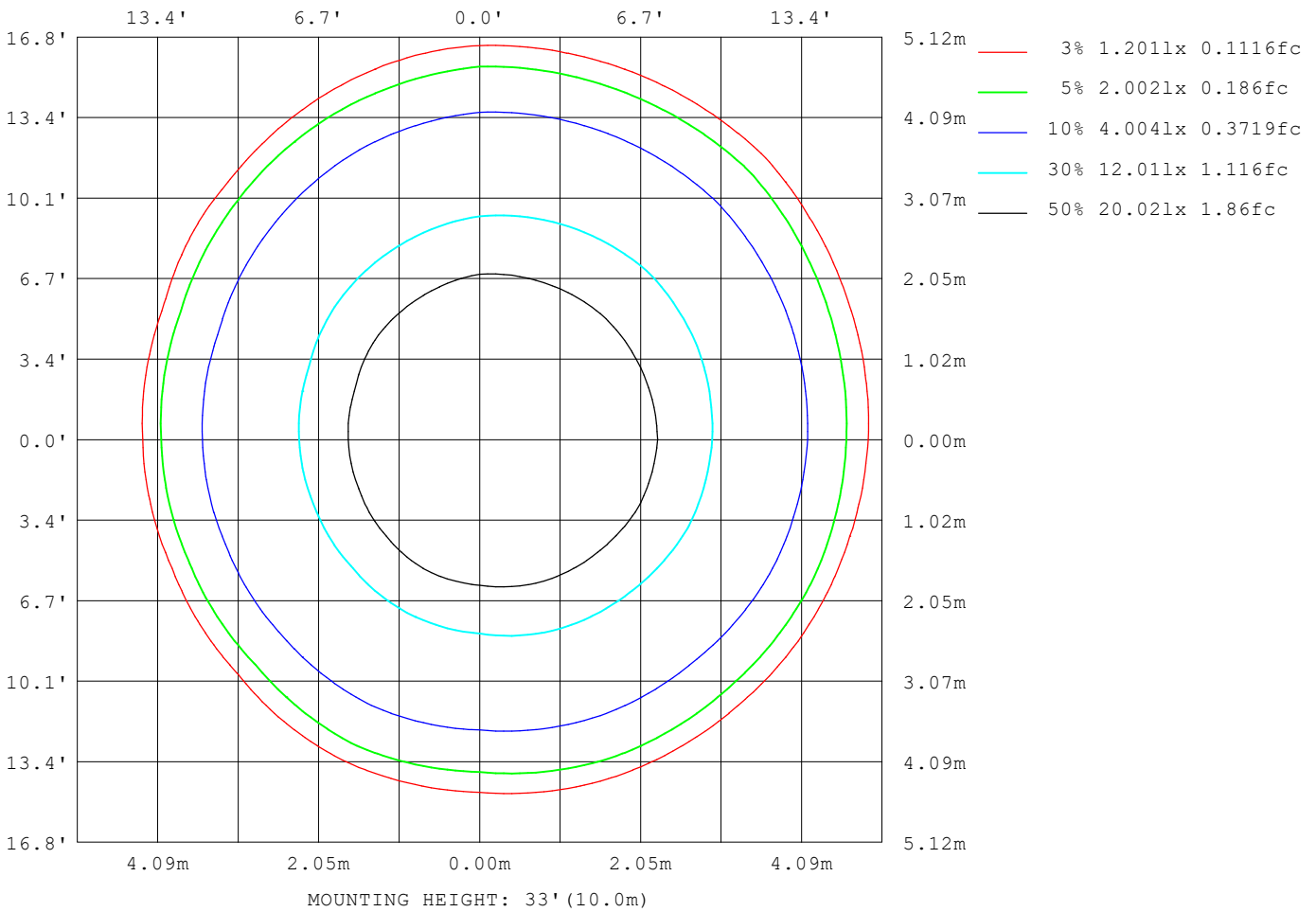
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3 °C
 Operators:
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | Shielding Angle: |

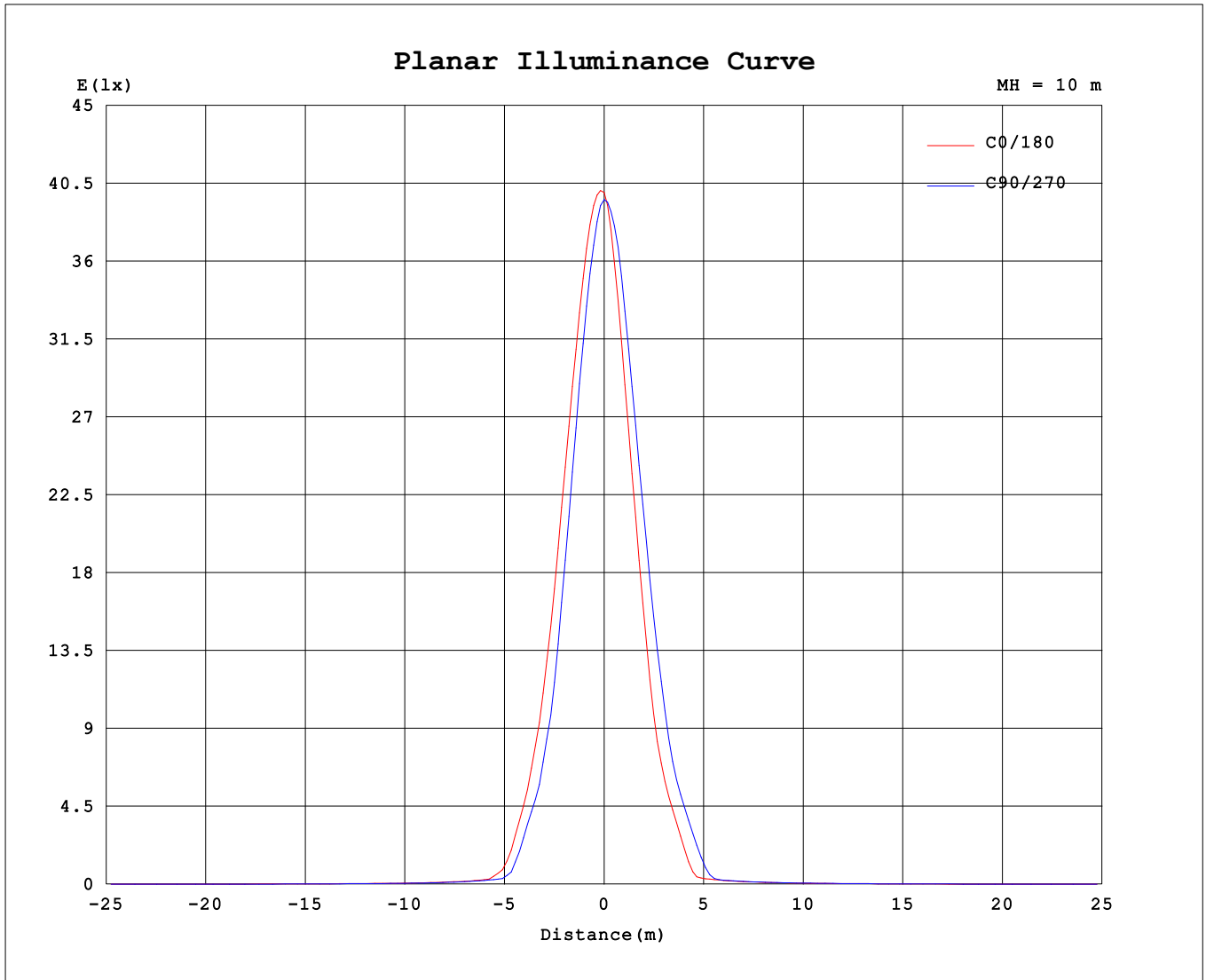
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 6331 |
| L_0~180 (75) av | 5091 |
| L_0~180 (85) av | 3809 |
| L_90~270 (65) av | 6499 |
| L_90~270 (75) av | 5481 |
| L_90~270 (85) av | 3999 |
| L_45 (65) av | 6475 |
| L_45 (75) av | 5317 |
| L_45 (85) av | 4343 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.3 °C
 Operators:
 Test Date: 2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity: 65.0%
 Test Distance: 3.087m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--------------------------------------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.80V I:0.1175A P:13.884W PF:0.9864 Freq:59.98Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:818.02x1 lm | | |
| NAME: AD-3-S15W-FC-5CCT-WH | TYPE: | WEIGHT: |
| SPEC.: 2700K | DIM.: | SERIAL No.: |
| MFR.: Light by Lotus | SUR.: | 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 | 3997 | 3985 | 3974 | 3965 | 3956 | 3952 | 3938 | 3935 | 3997 | 3985 | 3974 | 3965 | 3956 | 3952 | 3938 | 3935 | | | |
| 5 | 3716 | 3627 | 3533 | 3457 | 3379 | 3347 | 3243 | 3147 | 3174 | 3208 | 3328 | 3426 | 3554 | 3588 | 3619 | 3654 | | | |
| 10 | 2771 | 2671 | 2528 | 2371 | 2225 | 2143 | 1999 | 1937 | 1958 | 2022 | 2208 | 2359 | 2533 | 2590 | 2636 | 2694 | | | |
| 15 | 1654 | 1567 | 1388 | 1243 | 1084 | 1005 | 947 | 894 | 915 | 1013 | 1151 | 1321 | 1506 | 1610 | 1701 | 1697 | | | |
| 20 | 811 | 723 | 623 | 560 | 506 | 487 | 436 | 410 | 428 | 459 | 543 | 637 | 727 | 806 | 837 | 850 | | | |
| 25 | 266 | 238 | 180 | 142 | 94.9 | 88.2 | 86.5 | 59.5 | 58.6 | 93.8 | 122 | 218 | 302 | 319 | 345 | 300 | | | |
| 30 | 45.6 | 44.2 | 41.5 | 39.3 | 38.1 | 38.7 | 38.9 | 39.0 | 37.9 | 38.9 | 41.0 | 40.9 | 41.7 | 43.2 | 45.7 | 43.6 | | | |
| 35 | 32.4 | 31.7 | 30.2 | 29.1 | 28.3 | 28.8 | 29.0 | 29.1 | 29.0 | 29.6 | 30.9 | 31.2 | 31.3 | 31.4 | 32.0 | 31.3 | | | |
| 40 | 24.7 | 24.1 | 23.0 | 22.3 | 21.7 | 22.2 | 22.3 | 22.5 | 23.1 | 23.5 | 24.5 | 24.8 | 24.8 | 24.7 | 25.0 | 24.5 | | | |
| 45 | 20.0 | 19.5 | 18.7 | 18.0 | 17.7 | 18.0 | 18.2 | 18.4 | 18.9 | 19.5 | 20.1 | 20.5 | 20.5 | 20.4 | 20.5 | 20.2 | | | |
| 50 | 17.0 | 16.5 | 15.8 | 15.2 | 15.0 | 15.2 | 15.5 | 15.8 | 16.3 | 16.8 | 17.3 | 17.6 | 17.5 | 17.4 | 17.5 | 17.2 | | | |
| 55 | 14.9 | 14.4 | 13.9 | 13.4 | 13.1 | 13.3 | 13.6 | 13.9 | 14.5 | 14.9 | 15.3 | 15.5 | 15.5 | 15.4 | 15.4 | 15.1 | | | |
| 60 | 13.2 | 12.7 | 12.1 | 11.7 | 11.3 | 11.3 | 11.5 | 11.9 | 12.4 | 13.0 | 13.5 | 13.8 | 13.8 | 13.9 | 13.8 | 13.4 | | | |
| 65 | 11.2 | 10.7 | 10.1 | 9.68 | 9.26 | 9.01 | 9.01 | 8.88 | 9.35 | 10.2 | 11.1 | 11.5 | 11.9 | 12.0 | 11.8 | 11.5 | | | |
| 70 | 8.52 | 8.03 | 7.55 | 7.14 | 6.67 | 6.40 | 6.20 | 6.15 | 6.27 | 6.77 | 7.60 | 8.66 | 9.42 | 9.53 | 9.43 | 8.96 | | | |
| 75 | 5.98 | 5.59 | 5.22 | 4.86 | 4.46 | 4.22 | 4.10 | 4.06 | 4.16 | 4.58 | 5.26 | 5.90 | 6.45 | 6.62 | 6.59 | 6.24 | | | |
| 80 | 3.78 | 3.48 | 3.19 | 2.84 | 2.49 | 2.30 | 2.26 | 2.22 | 2.26 | 2.58 | 3.10 | 3.58 | 4.00 | 4.15 | 4.21 | 3.97 | | | |
| 85 | 1.90 | 1.71 | 1.53 | 1.18 | 0.79 | 0.72 | 0.85 | 0.73 | 0.65 | 0.86 | 1.24 | 1.58 | 1.89 | 2.06 | 2.20 | 2.07 | | | |
| 90 | 0.18 | 0.24 | 0.37 | 0.17 | 0.08 | 0.12 | 0.16 | 0.14 | 0.14 | 0.11 | 0.12 | 0.08 | 0.08 | 0.19 | 0.29 | 0.24 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:24.3℃
 Operators:
 Test Date:2024-09-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.460
 Humidity:65.0%
 Test Distance:3.087m [K=1.0000]
 Remarks: