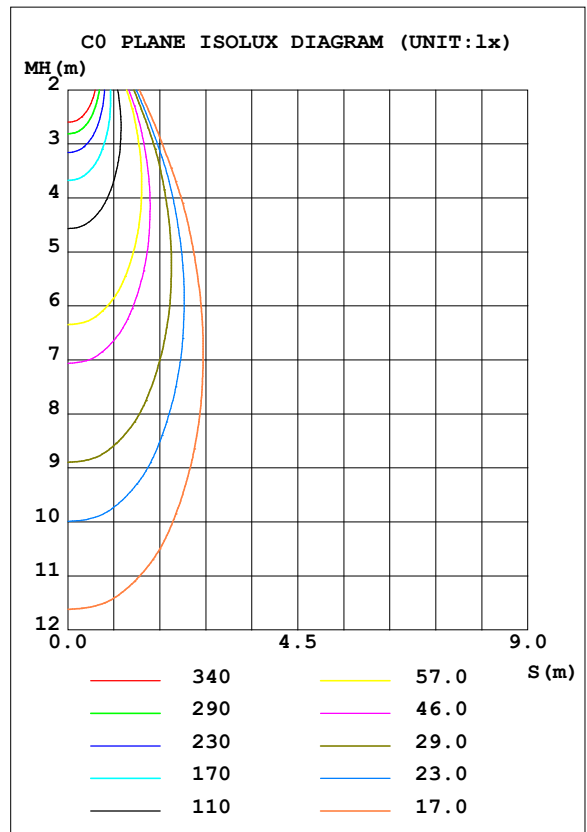
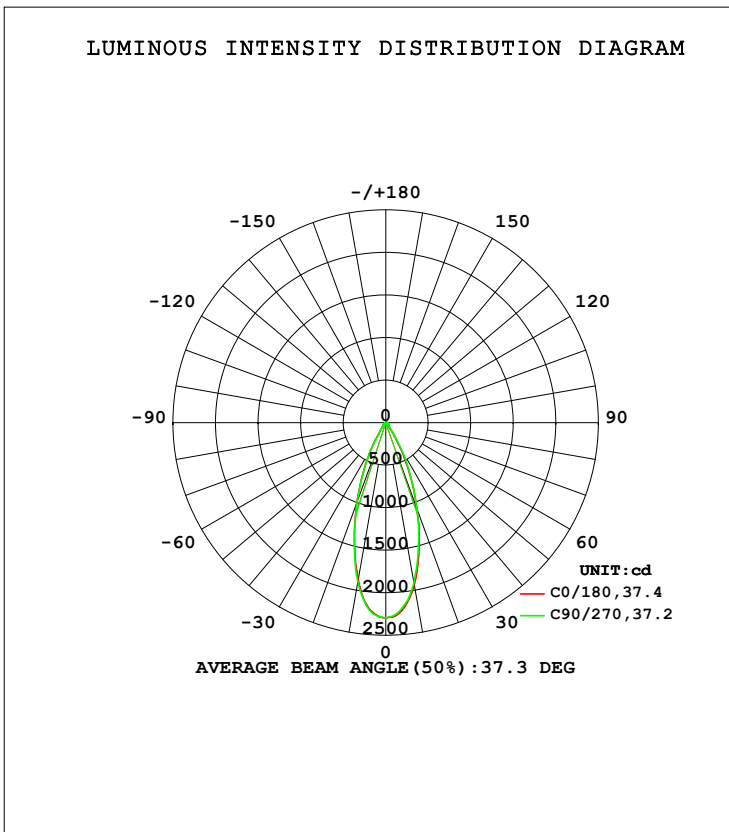


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 79.89 lm/W | | | |
|-------------------|---------|-----------------------------------|--------|--|-----------|
| MODEL | | I _{max} (cd) | 2294 | S/MH (C0/180) | 0.59 |
| NOMINAL POWER (W) | 15 | LOR (%) | 100.0 | S/MH (C90/270) | 0.59 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 1078.7 | <input type="checkbox"/> UP, DN (C0-180) | 0.0, 51.4 |
| NOMINAL FLUX (lm) | 1078.65 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.0, 48.6 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 120 | <input type="checkbox"/> down (%) | 100.0 | CIBSE SHR MAX | 0.65 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

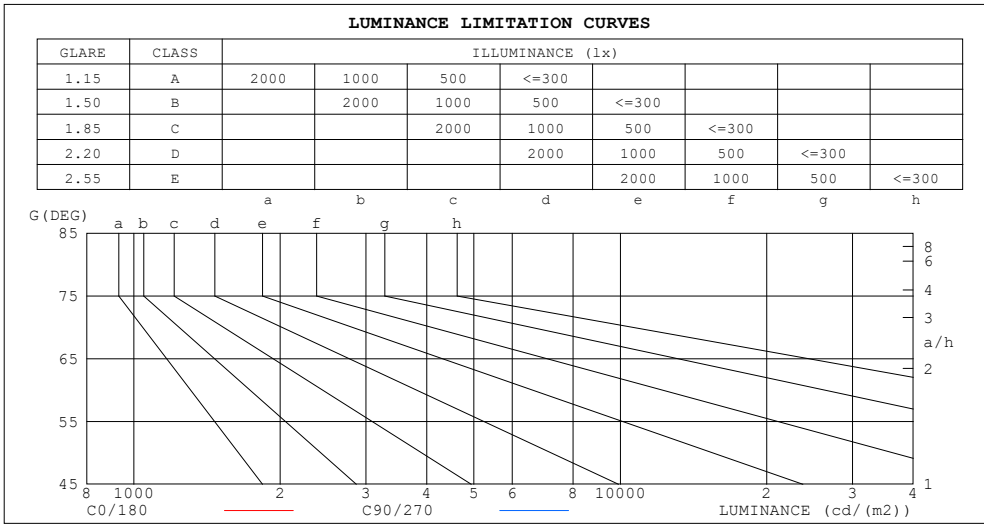
| mm | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | mm | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 1936 | 1938 | 1906 | 1882 | 1876 | 1885 | 1899 | 1929 | 0- 10 | 201.0 | 201.0 | 18.6,18.6 |
| 20 | 1077 | 1115 | 1074 | 1036 | 990.3 | 1015 | 978.7 | 1041 | 10- 20 | 405.0 | 606.0 | 56.2,56.2 |
| 30 | 340.3 | 398.5 | 389.8 | 351.4 | 297.3 | 295.8 | 290.3 | 315.6 | 20- 30 | 298.9 | 904.9 | 83.9,83.9 |
| 40 | 59.95 | 66.59 | 66.35 | 62.34 | 56.66 | 56.62 | 57.06 | 59.29 | 30- 40 | 89.00 | 993.9 | 92.1,92.1 |
| 50 | 35.09 | 35.97 | 36.31 | 35.75 | 35.06 | 34.67 | 34.80 | 34.90 | 40- 50 | 34.66 | 1029 | 95.4,95.4 |
| 60 | 20.85 | 21.23 | 21.40 | 21.22 | 21.10 | 21.07 | 20.98 | 20.83 | 50- 60 | 24.54 | 1053 | 97.6,97.6 |
| 70 | 11.42 | 11.54 | 11.56 | 11.48 | 11.69 | 11.93 | 11.94 | 11.61 | 60- 70 | 16.09 | 1069 | 99.1,99.1 |
| 80 | 4.466 | 3.763 | 2.813 | 3.682 | 4.619 | 4.437 | 3.904 | 4.190 | 70- 80 | 8.143 | 1077 | 99.9,99.9 |
| 90 | 0.0444 | 0.0381 | 0.0390 | 0.0340 | 0.0510 | 0.0494 | 0.0521 | 0.0491 | 80- 90 | 1.331 | 1079 | 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:25.3DEG
 Operators:
 Test Date:2021-11-26

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 88 | 6 |
| 80 | 232 | 146 |
| 75 | 266 | 246 |
| 70 | 301 | 304 |
| 65 | 341 | 347 |
| 60 | 376 | 385 |
| 55 | 424 | 440 |
| 50 | 492 | 508 |
| 45 | 550 | 555 |

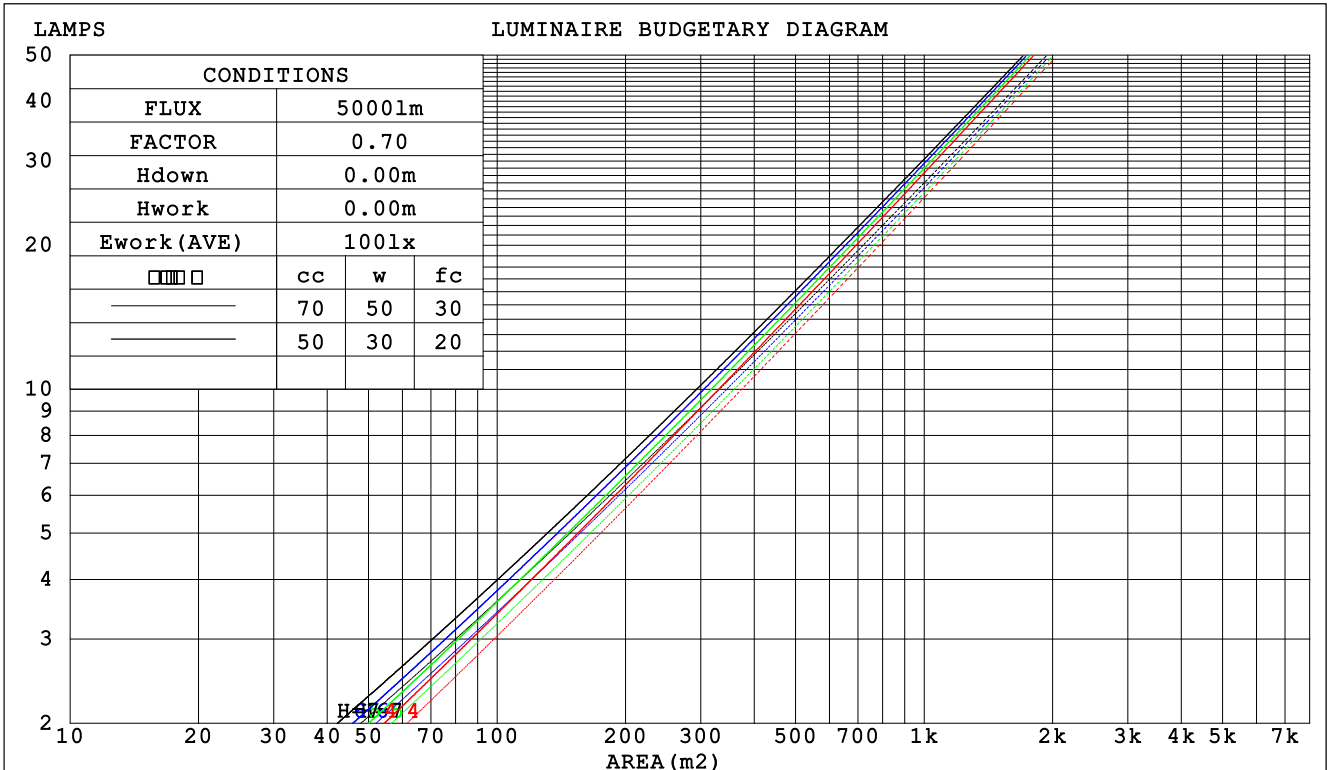
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □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 | .00 |
| 1.0 | 1.11 | 1.09 | 1.07 | 1.09 | 1.07 | 1.05 | 1.05 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 | .96 | .94 |
| 2.0 | 1.04 | 1.00 | .97 | 1.02 | .99 | .96 | .99 | .96 | .94 | .96 | .94 | .92 | .94 | .92 | .90 | .89 |
| 3.0 | .98 | .93 | .90 | .97 | .92 | .89 | .94 | .91 | .88 | .92 | .89 | .86 | .90 | .87 | .85 | .84 |
| 4.0 | .93 | .88 | .84 | .91 | .87 | .83 | .89 | .85 | .82 | .87 | .84 | .81 | .86 | .83 | .80 | .79 |
| 5.0 | .88 | .83 | .79 | .87 | .82 | .78 | .85 | .81 | .78 | .84 | .80 | .77 | .82 | .79 | .76 | .75 |
| 6.0 | .83 | .78 | .74 | .83 | .78 | .74 | .81 | .77 | .73 | .80 | .76 | .73 | .79 | .75 | .73 | .71 |
| 7.0 | .79 | .74 | .70 | .79 | .74 | .70 | .78 | .73 | .70 | .76 | .72 | .69 | .75 | .72 | .69 | .68 |
| 8.0 | .76 | .71 | .67 | .75 | .70 | .67 | .74 | .70 | .67 | .73 | .69 | .66 | .72 | .69 | .66 | .65 |
| 9.0 | .73 | .67 | .64 | .72 | .67 | .64 | .71 | .67 | .64 | .70 | .66 | .63 | .70 | .66 | .63 | .62 |
| 10.0 | .70 | .64 | .61 | .69 | .64 | .61 | .68 | .64 | .61 | .68 | .64 | .61 | .67 | .63 | .61 | .59 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------------------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | Wall Exitance Coefficients (WEC) | | | |
| 0.0 | | | | | | |
| 1.0 | .169 .096 .031 | .163 .093 .029 | .150 .086 .028 | .139 .080 .026 | .128 .074 .024 | |
| 2.0 | .160 .088 .027 | .154 .085 .026 | .144 .080 .025 | .134 .075 .024 | .125 .071 .022 | |
| 3.0 | .150 .080 .024 | .146 .078 .023 | .137 .074 .023 | .128 .070 .022 | .121 .067 .021 | |
| 4.0 | .142 .074 .022 | .138 .072 .021 | .130 .069 .021 | .123 .066 .020 | .116 .063 .019 | |
| 5.0 | .134 .068 .020 | .130 .067 .019 | .124 .064 .019 | .118 .062 .018 | .112 .060 .018 | |
| 6.0 | .127 .064 .018 | .124 .063 .018 | .118 .061 .018 | .113 .059 .017 | .108 .057 .017 | |
| 7.0 | .121 .060 .017 | .118 .059 .017 | .113 .057 .016 | .108 .055 .016 | .104 .054 .016 | |
| 8.0 | .115 .056 .016 | .113 .055 .016 | .108 .054 .015 | .104 .053 .015 | .100 .051 .015 | |
| 9.0 | .110 .053 .015 | .108 .053 .015 | .104 .051 .015 | .100 .050 .014 | .096 .049 .014 | |
| 10.0 | .105 .050 .014 | .103 .050 .014 | .100 .049 .014 | .096 .048 .014 | .093 .047 .013 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|---|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> 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 .145 | .146 .135 .125 | .100 .093 .087 | .057 .054 .050 | .018 .017 .016 | |
| 2.0 | .155 .133 .114 | .132 .114 .099 | .091 .079 .069 | .052 .046 .040 | .017 .015 .013 | |
| 3.0 | .141 .113 .091 | .121 .098 .079 | .083 .068 .055 | .048 .040 .033 | .015 .013 .011 | |
| 4.0 | .130 .099 .074 | .112 .085 .065 | .077 .059 .045 | .044 .035 .027 | .014 .011 .009 | |
| 5.0 | .121 .087 .062 | .104 .075 .054 | .072 .052 .038 | .041 .031 .022 | .013 .010 .007 | |
| 6.0 | .113 .077 .052 | .097 .067 .045 | .067 .047 .032 | .039 .028 .019 | .013 .009 .006 | |
| 7.0 | .106 .069 .044 | .091 .060 .038 | .063 .042 .027 | .037 .025 .016 | .012 .008 .005 | |
| 8.0 | .100 .063 .038 | .086 .055 .033 | .059 .038 .023 | .035 .023 .014 | .011 .007 .005 | |
| 9.0 | .094 .058 .033 | .081 .050 .029 | .056 .035 .020 | .033 .021 .012 | .011 .007 .004 | |
| 10.0 | .090 .053 .029 | .077 .046 .025 | .054 .032 .018 | .031 .019 .011 | .010 .006 .004 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|-----|-----|-----|-------|----------------|-----|------------------|-----|-----|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | | | | | | | | | |
| NAME: ASD-CD-PR-2D15AC-WH | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:3500K 90 | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: ASD Lighting Corp | | | | | 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 | 4.7 | 5.6 | 4.9 | 5.7 | 5.9 | 5.0 | 5.8 | 5.2 | 6.0 | 6.2 |
| 3H | 5.4 | 6.1 | 5.6 | 6.3 | 6.5 | 5.6 | 6.4 | 5.8 | 6.6 | 6.8 |
| 4H | 5.6 | 6.4 | 5.9 | 6.6 | 6.8 | 5.8 | 6.6 | 6.1 | 6.8 | 7.0 |
| 6H | 5.8 | 6.5 | 6.1 | 6.7 | 7.0 | 5.9 | 6.6 | 6.2 | 6.8 | 7.1 |
| 8H | 5.8 | 6.5 | 6.1 | 6.7 | 7.0 | 5.8 | 6.5 | 6.2 | 6.8 | 7.0 |
| 12H | 5.8 | 6.4 | 6.1 | 6.7 | 7.0 | 5.8 | 6.5 | 6.1 | 6.7 | 7.0 |
| 4H 2H | 4.9 | 5.7 | 5.2 | 5.9 | 6.1 | 5.2 | 5.9 | 5.5 | 6.1 | 6.4 |
| 3H | 5.8 | 6.4 | 6.1 | 6.7 | 6.9 | 6.0 | 6.6 | 6.3 | 6.9 | 7.2 |
| 4H | 6.1 | 6.7 | 6.5 | 7.0 | 7.3 | 6.3 | 6.9 | 6.6 | 7.2 | 7.5 |
| 6H | 6.4 | 6.9 | 6.8 | 7.3 | 7.6 | 6.4 | 6.9 | 6.8 | 7.2 | 7.6 |
| 8H | 6.4 | 6.9 | 6.8 | 7.3 | 7.6 | 6.4 | 6.9 | 6.8 | 7.2 | 7.6 |
| 12H | 6.4 | 6.9 | 6.8 | 7.2 | 7.6 | 6.3 | 6.8 | 6.7 | 7.1 | 7.5 |
| 8H 4H | 6.2 | 6.7 | 6.6 | 7.0 | 7.4 | 6.3 | 6.8 | 6.7 | 7.2 | 7.5 |
| 6H | 6.6 | 7.0 | 7.0 | 7.4 | 7.8 | 6.5 | 6.9 | 6.9 | 7.3 | 7.7 |
| 8H | 6.6 | 7.0 | 7.1 | 7.4 | 7.9 | 6.5 | 6.8 | 6.9 | 7.3 | 7.7 |
| 12H | 6.6 | 6.9 | 7.1 | 7.4 | 7.9 | 6.4 | 6.7 | 6.9 | 7.2 | 7.7 |
| 12H 4H | 6.2 | 6.6 | 6.6 | 7.0 | 7.4 | 6.3 | 6.8 | 6.7 | 7.1 | 7.5 |
| 6H | 6.5 | 6.9 | 7.0 | 7.3 | 7.8 | 6.5 | 6.8 | 6.9 | 7.3 | 7.7 |
| 8H | 6.6 | 6.9 | 7.1 | 7.4 | 7.8 | 6.5 | 6.8 | 6.9 | 7.2 | 7.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.5 / - 0.6 | | | | | + 0.7 / - 0.8 | | | | |
| 1.5H | + 0.8 / - 0.4 | | | | | + 1.3 / - 0.4 | | | | |
| 2.0H | + 0.5 / - 0.5 | | | | | + 0.7 / - 0.6 | | | | |

CIE Pub.117, 1079 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.3)
 Area: 0.111111 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

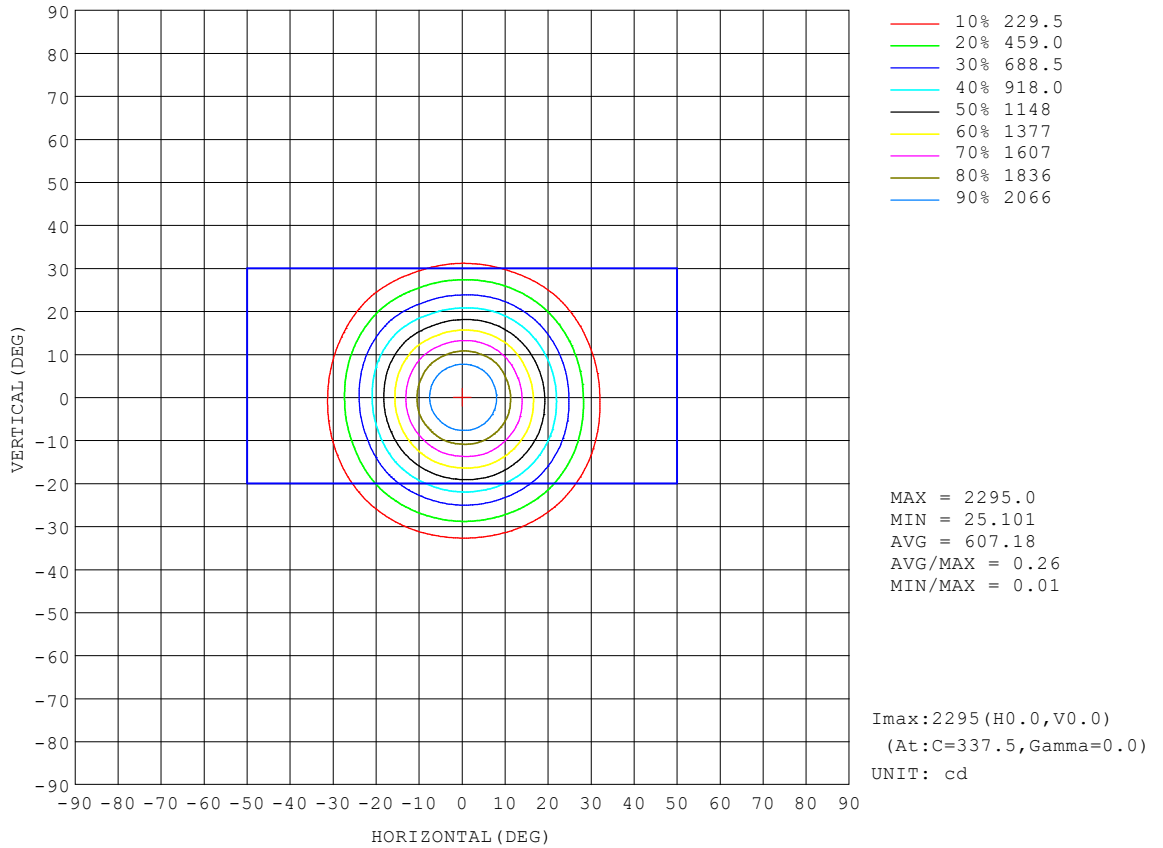
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 87 | 80 | 76 | 86 | 80 | 76 | 85 | 80 | 76 | 73 |
| 0.80 | 94 | 88 | 84 | 93 | 88 | 84 | 92 | 87 | 84 | 80 |
| 1.00 | 99 | 93 | 89 | 98 | 92 | 89 | 96 | 92 | 88 | 84 |
| 1.25 | 103 | 97 | 94 | 101 | 97 | 93 | 99 | 95 | 92 | 88 |
| 1.50 | 105 | 100 | 97 | 104 | 100 | 96 | 102 | 98 | 95 | 91 |
| 2.00 | 108 | 104 | 100 | 107 | 103 | 100 | 104 | 101 | 98 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 102 | 100 | 94 |
| 3.00 | 111 | 108 | 105 | 110 | 106 | 104 | 106 | 104 | 102 | 95 |
| 4.00 | 114 | 111 | 108 | 111 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 98 |
| 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:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

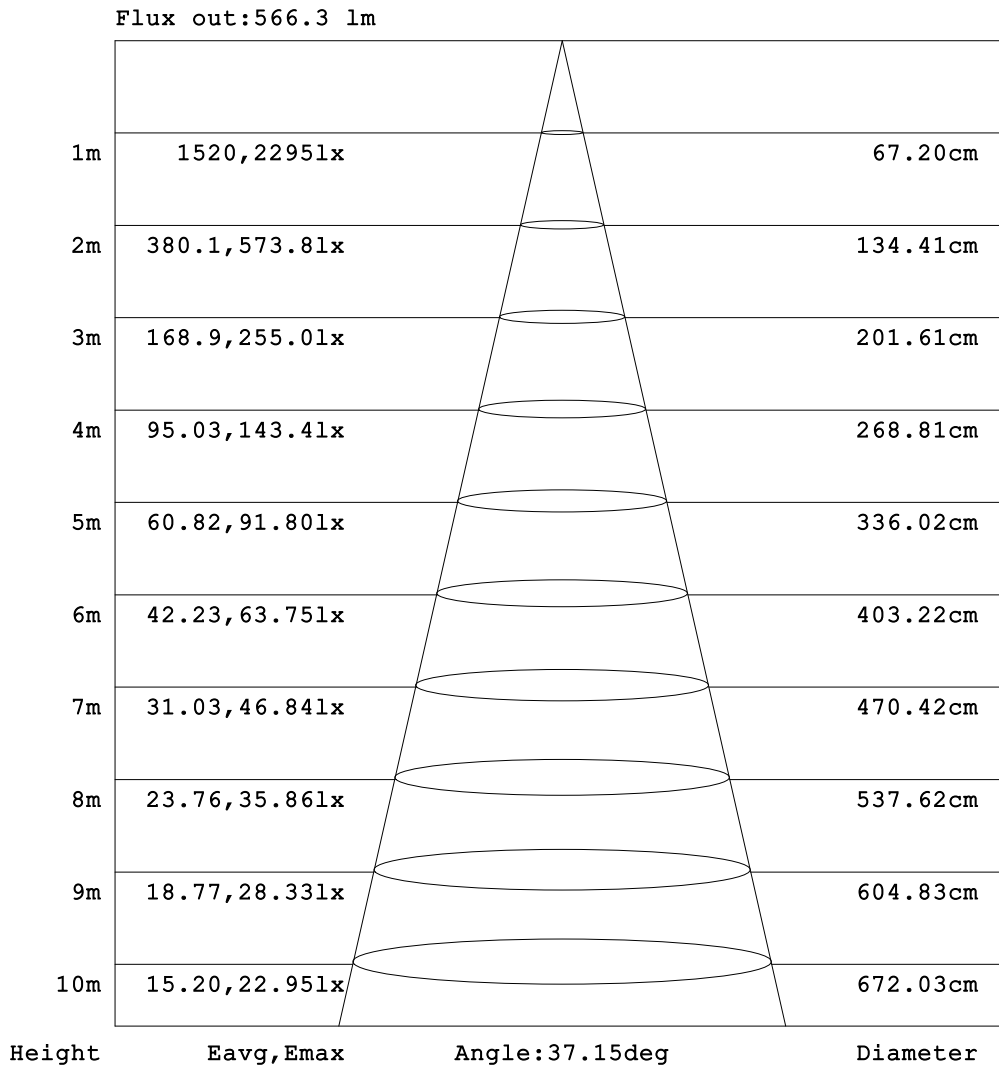


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |



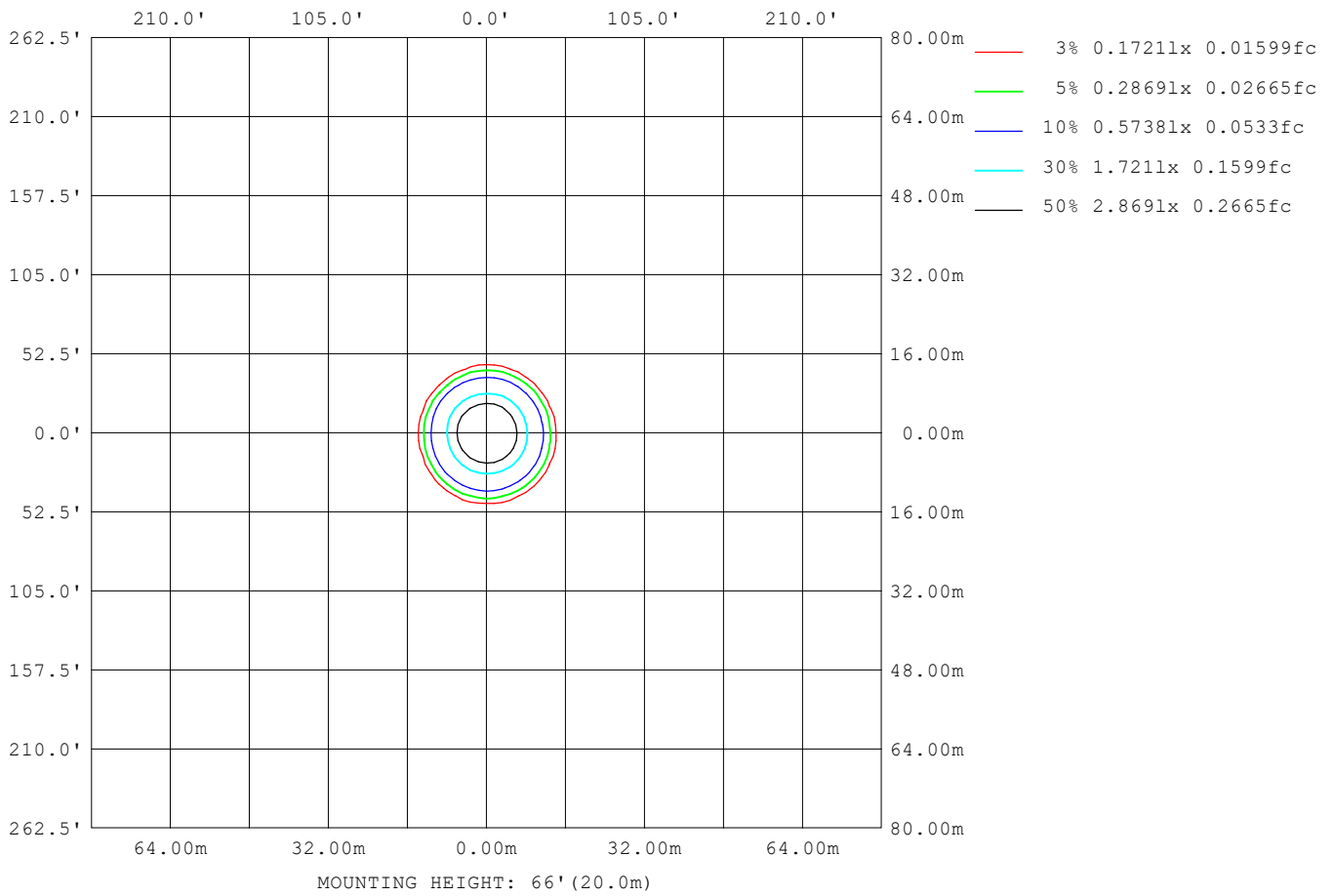
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

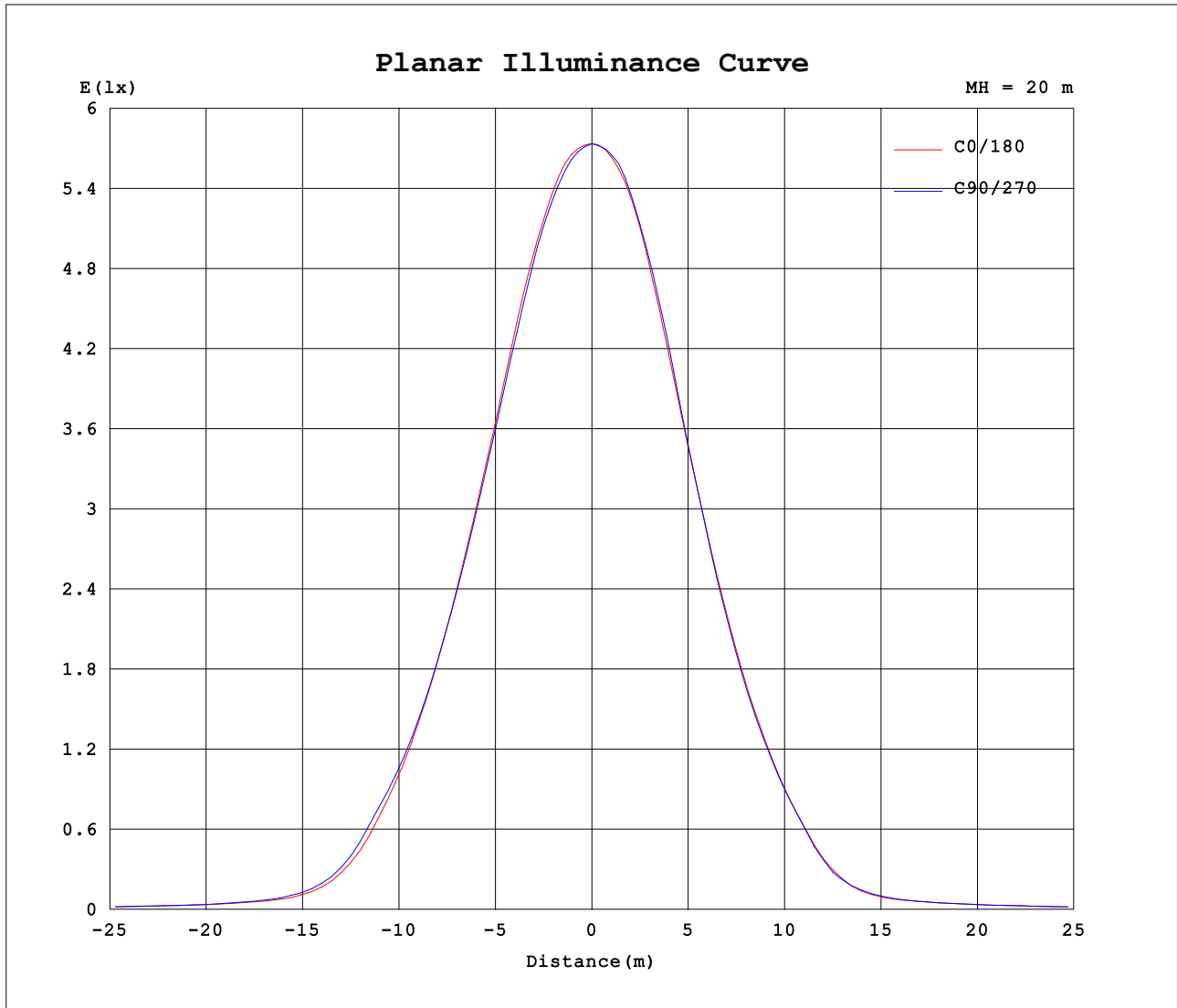
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 344 |
| L_0~180 (75) av | 269 |
| L_0~180 (85) av | 96 |
| L_90~270 (65) av | 348 |
| L_90~270 (75) av | 262 |
| L_90~270 (85) av | 25 |
| L_45 (65) av | 345 |
| L_45 (75) av | 270 |
| L_45 (85) av | 62 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-11-26

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:119.96V I:0.1142A P:13.502W PF:0.9471 Freq:59.98Hz Lamp Flux:1078.65x1 lm | | |
| NAME: ASD-CD-PR-2D15AC-WH | TYPE: | WEIGHT: |
| SPEC.:3500K 90 | DIM.: | SERIAL No.: |
| MFR.: ASD Lighting Corp | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (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 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | 2294 | | | |
| 5 | 2215 | 2211 | 2203 | 2197 | 2192 | 2196 | 2197 | 2199 | 2201 | 2206 | 2208 | 2209 | 2214 | 2219 | 2221 | 2219 | | | |
| 10 | 1936 | 1944 | 1938 | 1925 | 1906 | 1900 | 1882 | 1887 | 1876 | 1875 | 1885 | 1882 | 1899 | 1913 | 1929 | 1926 | | | |
| 15 | 1516 | 1544 | 1543 | 1533 | 1496 | 1483 | 1456 | 1440 | 1431 | 1440 | 1447 | 1423 | 1435 | 1461 | 1487 | 1490 | | | |
| 20 | 1077 | 1112 | 1115 | 1105 | 1074 | 1055 | 1036 | 997 | 990 | 1013 | 1015 | 969 | 979 | 1018 | 1041 | 1057 | | | |
| 25 | 675 | 710 | 720 | 704 | 693 | 674 | 659 | 615 | 610 | 629 | 633 | 598 | 605 | 633 | 651 | 664 | | | |
| 30 | 340 | 380 | 399 | 394 | 390 | 372 | 351 | 314 | 297 | 294 | 296 | 282 | 290 | 299 | 316 | 326 | | | |
| 35 | 123 | 139 | 149 | 145 | 144 | 139 | 126 | 108 | 101 | 103 | 104 | 102 | 106 | 110 | 115 | 115 | | | |
| 40 | 60.0 | 64.4 | 66.6 | 66.5 | 66.3 | 65.5 | 62.3 | 58.3 | 56.7 | 56.9 | 56.6 | 56.1 | 57.1 | 57.8 | 59.3 | 59.2 | | | |
| 45 | 43.2 | 43.2 | 43.4 | 43.6 | 43.6 | 43.8 | 43.5 | 43.1 | 42.8 | 42.3 | 42.3 | 42.4 | 42.7 | 42.8 | 43.0 | 42.7 | | | |
| 50 | 35.1 | 35.6 | 36.0 | 36.3 | 36.3 | 36.3 | 35.7 | 35.4 | 35.1 | 34.7 | 34.7 | 34.7 | 34.8 | 34.8 | 34.9 | 34.9 | | | |
| 55 | 27.0 | 27.4 | 27.7 | 28.1 | 28.0 | 27.7 | 27.3 | 27.1 | 27.0 | 26.5 | 26.4 | 26.3 | 26.3 | 26.3 | 26.5 | 26.6 | | | |
| 60 | 20.9 | 21.1 | 21.2 | 21.4 | 21.4 | 21.4 | 21.2 | 21.2 | 21.1 | 21.0 | 21.1 | 21.0 | 21.0 | 20.8 | 20.8 | 20.7 | | | |
| 65 | 16.0 | 16.2 | 16.2 | 16.4 | 16.3 | 16.3 | 16.1 | 16.2 | 16.3 | 16.2 | 16.4 | 16.3 | 16.4 | 16.1 | 16.1 | 15.9 | | | |
| 70 | 11.4 | 11.6 | 11.5 | 11.7 | 11.6 | 11.6 | 11.5 | 11.6 | 11.7 | 11.7 | 11.9 | 11.9 | 11.9 | 11.7 | 11.6 | 11.4 | | | |
| 75 | 7.65 | 7.67 | 7.65 | 7.33 | 7.07 | 7.24 | 7.57 | 7.74 | 7.82 | 7.91 | 8.05 | 8.03 | 8.02 | 7.84 | 7.78 | 7.63 | | | |
| 80 | 4.47 | 4.46 | 3.76 | 3.12 | 2.81 | 3.06 | 3.68 | 4.50 | 4.62 | 4.68 | 4.44 | 4.07 | 3.90 | 3.91 | 4.19 | 4.47 | | | |
| 85 | 0.85 | 1.38 | 0.43 | 0.05 | 0.06 | 0.05 | 0.38 | 1.33 | 1.01 | 1.55 | 0.88 | 0.51 | 0.42 | 0.42 | 0.70 | 1.37 | | | |
| 90 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-11-26

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: