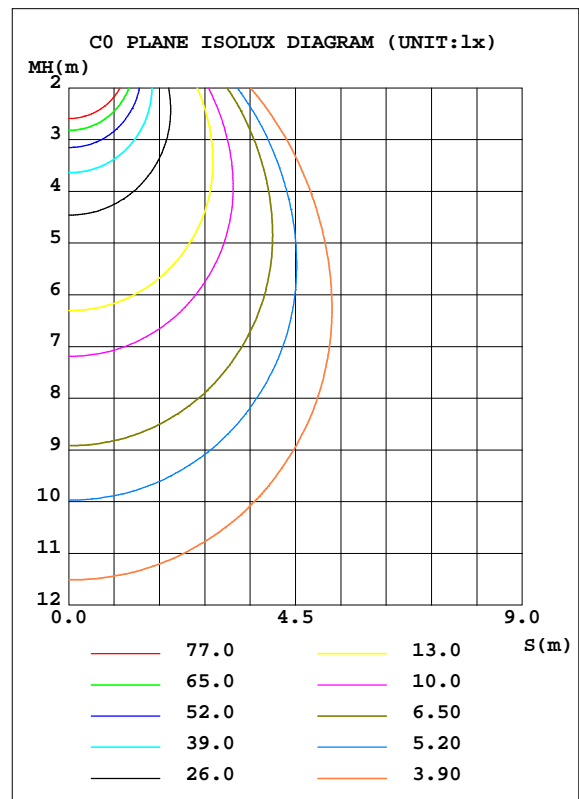
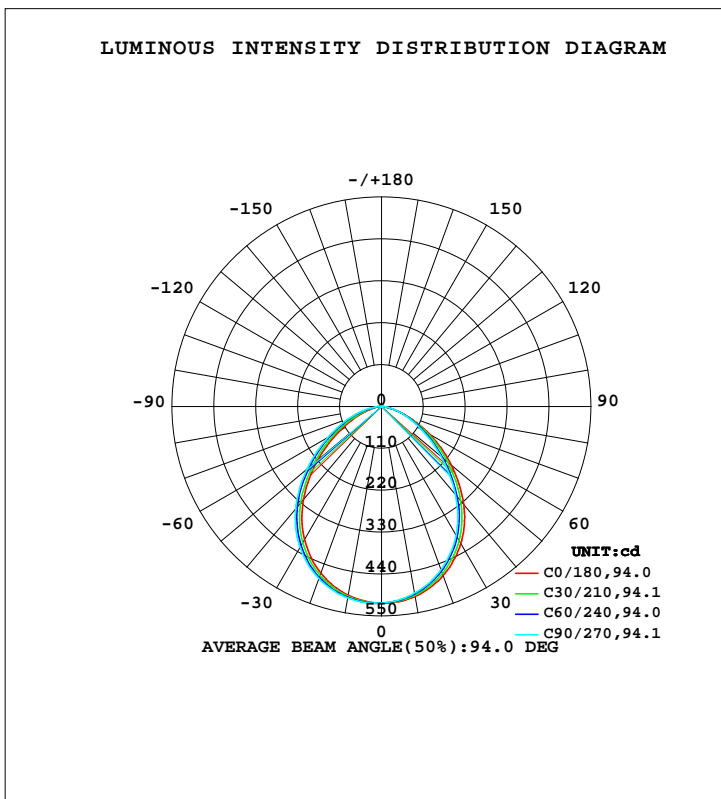


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|----------------------------------|-------------------|------------------|
| NAME:ASD-LRK-GBR-6D15AC-WH 2700K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|------------------------------|-------|------------------|--------|--------------------|----------|
| ASD-LRK-GBR-6D15CC-WH(2700K) | | Imax(cd) | 517.3 | S/MH(C0/180) | 1.17 |
| NOMINAL POWER(W) | 15 | LOR(%) | 100.0 | S/MH(C90/270) | 1.23 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 1100 | h UP, DN(C0-180) | 0.5,47.2 |
| NOMINAL FLUX(lm) | 1100 | CIE CLASS | DIRECT | h UP, DN(C180-360) | 0.4,51.9 |
| LAMPS INSIDE | 1 | h up(%) | 0.9 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 120.0 | h down(%) | 99.1 | CIBSE SHR MAX | 1.30 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

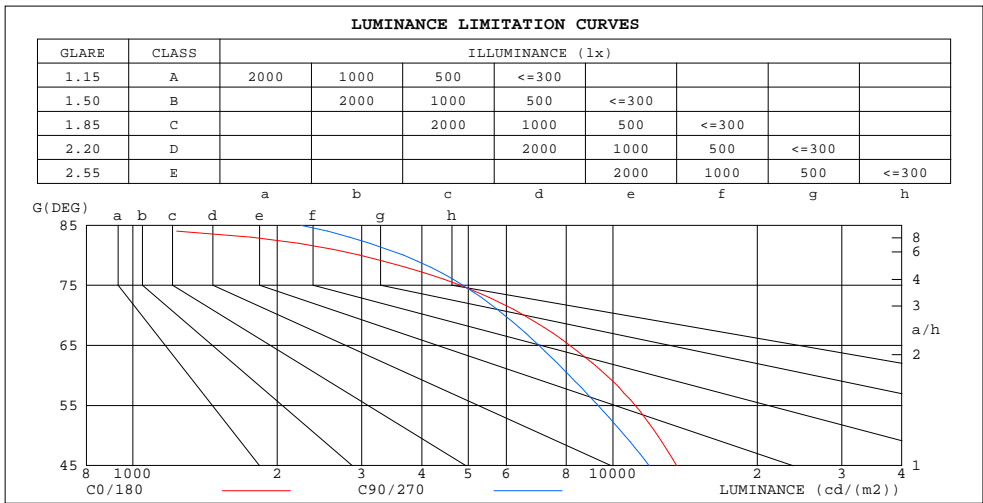
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|-----------|
| 10 | 506.5 | 501.6 | 497.9 | 498.7 | 503.0 | 507.3 | 510.1 | 510.2 | 0- 10 | 48.72 | 48.72 | 4.18,4.18 |
| 20 | 472.7 | 463.4 | 456.5 | 457.3 | 465.9 | 475.0 | 481.0 | 481.0 | 10- 20 | 138.0 | 186.7 | 16,16 |
| 30 | 416.4 | 401.8 | 391.4 | 391.9 | 404.6 | 417.6 | 427.5 | 427.9 | 20- 30 | 203.4 | 390.1 | 33.5,33.5 |
| 40 | 336.0 | 316.4 | 302.5 | 302.3 | 319.2 | 337.3 | 351.3 | 351.8 | 30- 40 | 231.6 | 621.8 | 53.4,53.4 |
| 50 | 239.1 | 219.1 | 204.0 | 202.7 | 218.6 | 239.4 | 255.4 | 255.7 | 40- 50 | 214.4 | 836.2 | 71.8,71.8 |
| 60 | 145.5 | 132.8 | 121.7 | 118.9 | 124.8 | 147.9 | 163.4 | 161.6 | 50- 60 | 163.6 | 999.8 | 85.9,85.9 |
| 70 | 66.93 | 64.19 | 60.99 | 56.53 | 57.22 | 74.89 | 89.11 | 82.88 | 60- 70 | 101.6 | 1101 | 94.6,94.6 |
| 80 | 15.48 | 15.99 | 19.07 | 14.72 | 14.46 | 23.19 | 34.30 | 24.99 | 70- 80 | 45.04 | 1146 | 98.4,98.4 |
| 90 | 0.2450 | 0.3071 | 0.3590 | 0.3628 | 0.2242 | 0.3424 | 1.230 | 0.2398 | 80- 90 | 7.554 | 1154 | 99.1,99.1 |
| 100 | 0.5464 | 0.6481 | 0.7232 | 0.7086 | 0.5364 | 0.5278 | 0.4625 | 0.4923 | 90-100 | 0.5244 | 1155 | 99.1,99.1 |
| 110 | 1.004 | 1.105 | 1.202 | 1.172 | 0.9889 | 0.9105 | 0.8525 | 0.8494 | 100-110 | 0.8417 | 1155 | 99.2,99.2 |
| 120 | 1.508 | 1.631 | 1.737 | 1.712 | 1.494 | 1.402 | 1.341 | 1.324 | 110-120 | 1.249 | 1157 | 99.3,99.3 |
| 130 | 2.034 | 2.151 | 2.278 | 2.235 | 2.004 | 1.904 | 1.861 | 1.827 | 120-130 | 1.590 | 1158 | 99.5,99.5 |
| 140 | 2.538 | 2.651 | 2.762 | 2.723 | 2.503 | 2.398 | 2.360 | 2.337 | 130-140 | 1.765 | 1160 | 99.6,99.6 |
| 150 | 3.007 | 3.090 | 3.178 | 3.153 | 2.961 | 2.849 | 2.813 | 2.804 | 140-150 | 1.728 | 1162 | 99.8,99.8 |
| 160 | 3.444 | 3.483 | 3.536 | 3.525 | 3.403 | 3.291 | 3.255 | 3.244 | 150-160 | 1.470 | 1163 | 99.9,99.9 |
| 170 | 3.772 | 3.824 | 3.843 | 3.835 | 3.777 | 3.712 | 3.666 | 3.666 | 160-170 | 1.010 | 1164 | 100,100 |
| 180 | 4.006 | 3.996 | 3.963 | 3.973 | 4.001 | 3.996 | 3.973 | 3.968 | 170-180 | 0.3683 | 1165 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 645 | 2239 |
| 80 | 2973 | 3664 |
| 75 | 4807 | 4874 |
| 70 | 6526 | 5949 |
| 65 | 8138 | 7017 |
| 60 | 9703 | 8121 |
| 55 | 11146 | 9318 |
| 50 | 12404 | 10588 |
| 45 | 13584 | 11909 |

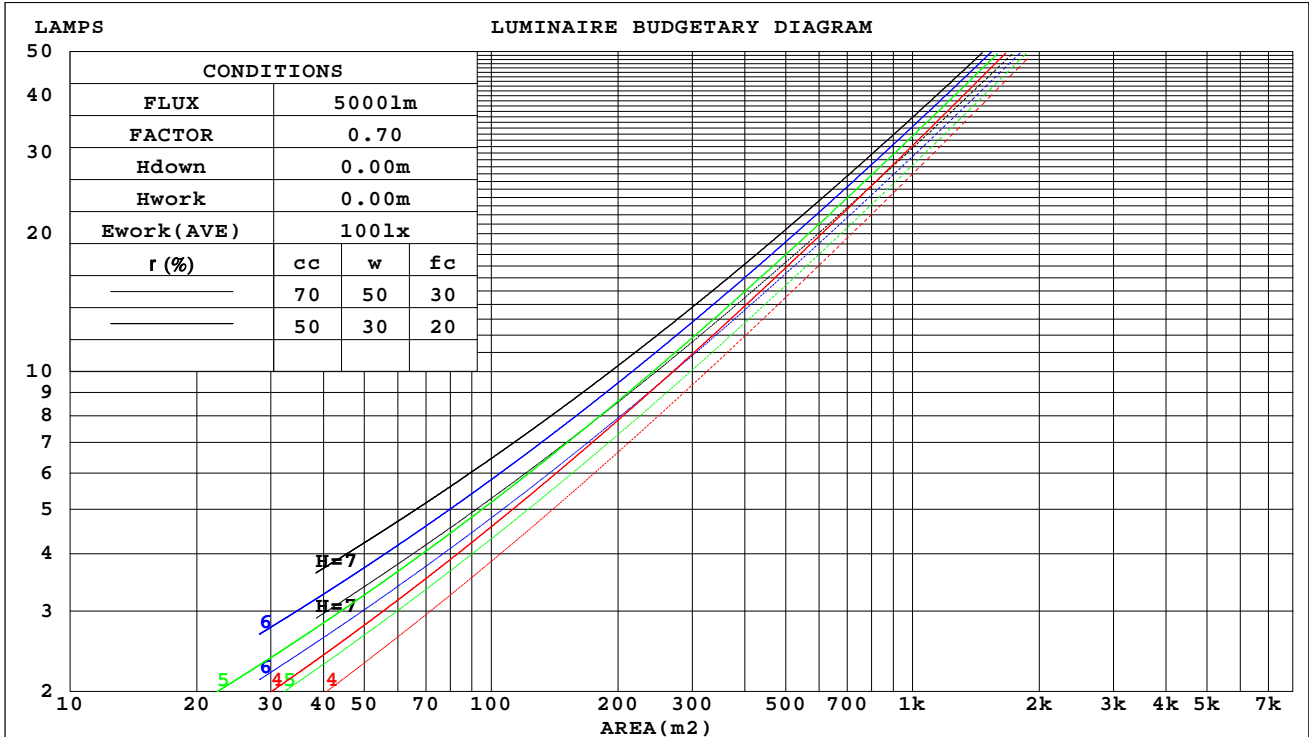
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0750]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-----------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| r _{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r _{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 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.06 | 1.02 | .99 | 1.04 | 1.00 | .97 | .99 | .96 | .94 | .95 | .93 | .91 | .92 | .90 | .88 | .86 |
| 2.0 | .94 | .88 | .83 | .92 | .86 | .82 | .88 | .84 | .80 | .85 | .81 | .78 | .82 | .79 | .76 | .74 |
| 3.0 | .83 | .76 | .70 | .82 | .75 | .69 | .79 | .73 | .68 | .76 | .71 | .67 | .73 | .69 | .66 | .64 |
| 4.0 | .75 | .67 | .60 | .73 | .66 | .60 | .71 | .64 | .59 | .68 | .63 | .58 | .66 | .61 | .57 | .55 |
| 5.0 | .67 | .59 | .53 | .66 | .58 | .52 | .64 | .57 | .52 | .62 | .56 | .51 | .60 | .55 | .51 | .49 |
| 6.0 | .61 | .53 | .47 | .60 | .52 | .46 | .58 | .51 | .46 | .56 | .50 | .45 | .55 | .49 | .45 | .43 |
| 7.0 | .56 | .47 | .42 | .55 | .47 | .41 | .53 | .46 | .41 | .52 | .45 | .41 | .50 | .45 | .40 | .38 |
| 8.0 | .51 | .43 | .37 | .50 | .43 | .37 | .49 | .42 | .37 | .48 | .41 | .37 | .46 | .41 | .36 | .35 |
| 9.0 | .47 | .39 | .34 | .46 | .39 | .34 | .45 | .38 | .34 | .44 | .38 | .33 | .43 | .37 | .33 | .31 |
| 10.0 | .43 | .36 | .31 | .43 | .36 | .31 | .42 | .35 | .31 | .41 | .35 | .30 | .40 | .34 | .30 | .29 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

WEC AND CCEC

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .267 | .152 | .048 | .260 | .148 | .047 | .246 | .141 | .045 | .234 | .135 | .043 | .222 | .129 | .042 | |
| 2.0 | .258 | .141 | .043 | .251 | .138 | .043 | .239 | .133 | .041 | .228 | .128 | .040 | .218 | .123 | .039 | |
| 3.0 | .243 | .129 | .039 | .237 | .127 | .038 | .226 | .123 | .037 | .217 | .119 | .036 | .208 | .115 | .036 | |
| 4.0 | .227 | .118 | .035 | .222 | .116 | .034 | .213 | .113 | .034 | .204 | .110 | .033 | .196 | .107 | .032 | |
| 5.0 | .212 | .108 | .031 | .208 | .107 | .031 | .199 | .104 | .031 | .192 | .101 | .030 | .185 | .099 | .030 | |
| 6.0 | .198 | .099 | .028 | .195 | .098 | .028 | .187 | .096 | .028 | .180 | .094 | .028 | .174 | .092 | .027 | |
| 7.0 | .186 | .092 | .026 | .183 | .091 | .026 | .176 | .089 | .026 | .170 | .087 | .025 | .164 | .085 | .025 | |
| 8.0 | .175 | .085 | .024 | .172 | .085 | .024 | .166 | .083 | .024 | .160 | .081 | .023 | .155 | .080 | .023 | |
| 9.0 | .165 | .080 | .022 | .162 | .079 | .022 | .157 | .077 | .022 | .152 | .076 | .022 | .147 | .075 | .022 | |
| 10.0 | .156 | .075 | .021 | .153 | .074 | .021 | .148 | .073 | .020 | .144 | .071 | .020 | .139 | .070 | .020 | |

| rcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| rw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| rfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .197 | .197 | .197 | .169 | .169 | .169 | .115 | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 | |
| 1.0 | .184 | .163 | .145 | .158 | .140 | .125 | .108 | .097 | .086 | .062 | .056 | .050 | .020 | .018 | .016 | |
| 2.0 | .175 | .139 | .109 | .150 | .120 | .094 | .103 | .083 | .066 | .059 | .048 | .039 | .019 | .016 | .013 | |
| 3.0 | .166 | .121 | .085 | .143 | .105 | .074 | .098 | .073 | .052 | .057 | .042 | .031 | .018 | .014 | .010 | |
| 4.0 | .158 | .108 | .069 | .136 | .093 | .060 | .093 | .065 | .042 | .054 | .038 | .025 | .017 | .012 | .008 | |
| 5.0 | .151 | .097 | .057 | .130 | .084 | .050 | .089 | .059 | .035 | .052 | .034 | .021 | .017 | .011 | .007 | |
| 6.0 | .144 | .088 | .048 | .124 | .077 | .042 | .086 | .054 | .030 | .050 | .032 | .018 | .016 | .010 | .006 | |
| 7.0 | .138 | .081 | .042 | .118 | .071 | .037 | .082 | .050 | .026 | .048 | .029 | .015 | .015 | .010 | .005 | |
| 8.0 | .132 | .076 | .037 | .113 | .066 | .032 | .078 | .046 | .023 | .046 | .027 | .014 | .015 | .009 | .005 | |
| 9.0 | .126 | .071 | .033 | .108 | .061 | .029 | .075 | .043 | .021 | .044 | .025 | .012 | .014 | .008 | .004 | |
| 10.0 | .121 | .066 | .030 | .104 | .058 | .027 | .072 | .041 | .019 | .042 | .024 | .011 | .014 | .008 | .004 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|------------------|-------------------|------|------|------|----------------|------------------|------|------|------|--|
| NAME: | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | DIM.: | | | | | SERIAL No.: | | | | |
| MFR.: ASD LIGHTING CORP | | SUR.: 0.175*0.175 | | | | | 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 | 20.2 | 21.5 | 20.4 | 21.8 | 22.0 | 19.5 | 20.9 | 19.8 | 21.1 | 21.3 | |
| 3H | 21.0 | 22.2 | 21.3 | 22.5 | 22.7 | 20.3 | 21.6 | 20.6 | 21.8 | 22.1 | |
| 4H | 21.2 | 22.4 | 21.5 | 22.6 | 22.9 | 20.6 | 21.8 | 20.9 | 22.0 | 22.3 | |
| 6H | 21.2 | 22.3 | 21.5 | 22.6 | 22.9 | 20.7 | 21.8 | 21.0 | 22.1 | 22.4 | |
| 8H | 21.2 | 22.3 | 21.5 | 22.6 | 22.9 | 20.7 | 21.8 | 21.0 | 22.1 | 22.4 | |
| 12H | 21.1 | 22.2 | 21.5 | 22.5 | 22.8 | 20.7 | 21.7 | 21.0 | 22.0 | 22.3 | |
| 4H 2H | 20.5 | 21.7 | 20.8 | 21.9 | 22.2 | 19.9 | 21.1 | 20.2 | 21.4 | 21.6 | |
| 3H | 21.4 | 22.5 | 21.8 | 22.8 | 23.1 | 20.9 | 21.9 | 21.2 | 22.2 | 22.5 | |
| 4H | 21.7 | 22.6 | 22.1 | 23.0 | 23.3 | 21.2 | 22.2 | 21.6 | 22.5 | 22.8 | |
| 6H | 21.8 | 22.6 | 22.2 | 23.0 | 23.4 | 21.4 | 22.2 | 21.8 | 22.6 | 23.0 | |
| 8H | 21.8 | 22.5 | 22.2 | 22.9 | 23.3 | 21.4 | 22.2 | 21.9 | 22.6 | 23.0 | |
| 12H | 21.7 | 22.4 | 22.2 | 22.8 | 23.3 | 21.4 | 22.1 | 21.9 | 22.5 | 23.0 | |
| 8H 4H | 21.7 | 22.5 | 22.1 | 22.9 | 23.3 | 21.3 | 22.1 | 21.7 | 22.5 | 22.9 | |
| 6H | 21.9 | 22.5 | 22.3 | 22.9 | 23.4 | 21.5 | 22.2 | 22.0 | 22.6 | 23.0 | |
| 8H | 21.9 | 22.4 | 22.3 | 22.9 | 23.3 | 21.6 | 22.2 | 22.1 | 22.6 | 23.1 | |
| 12H | 21.8 | 22.3 | 22.3 | 22.8 | 23.3 | 21.6 | 22.1 | 22.1 | 22.6 | 23.1 | |
| 12H 4H | 21.7 | 22.4 | 22.1 | 22.8 | 23.2 | 21.3 | 22.0 | 21.7 | 22.4 | 22.8 | |
| 6H | 21.8 | 22.4 | 22.3 | 22.9 | 23.3 | 21.5 | 22.1 | 22.0 | 22.5 | 23.0 | |
| 8H | 21.9 | 22.3 | 22.4 | 22.8 | 23.3 | 21.6 | 22.1 | 22.1 | 22.5 | 23.0 | |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.4 | | | | | + 0.4 / - 0.5 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.1 / - 0.3 | | | | | |
| 2.0H | + 0.8 / - 0.8 | | | | | + 0.6 / - 0.7 | | | | | |

CIE Pub.117, 1165 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.5)
 Area: 0.03 m2

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

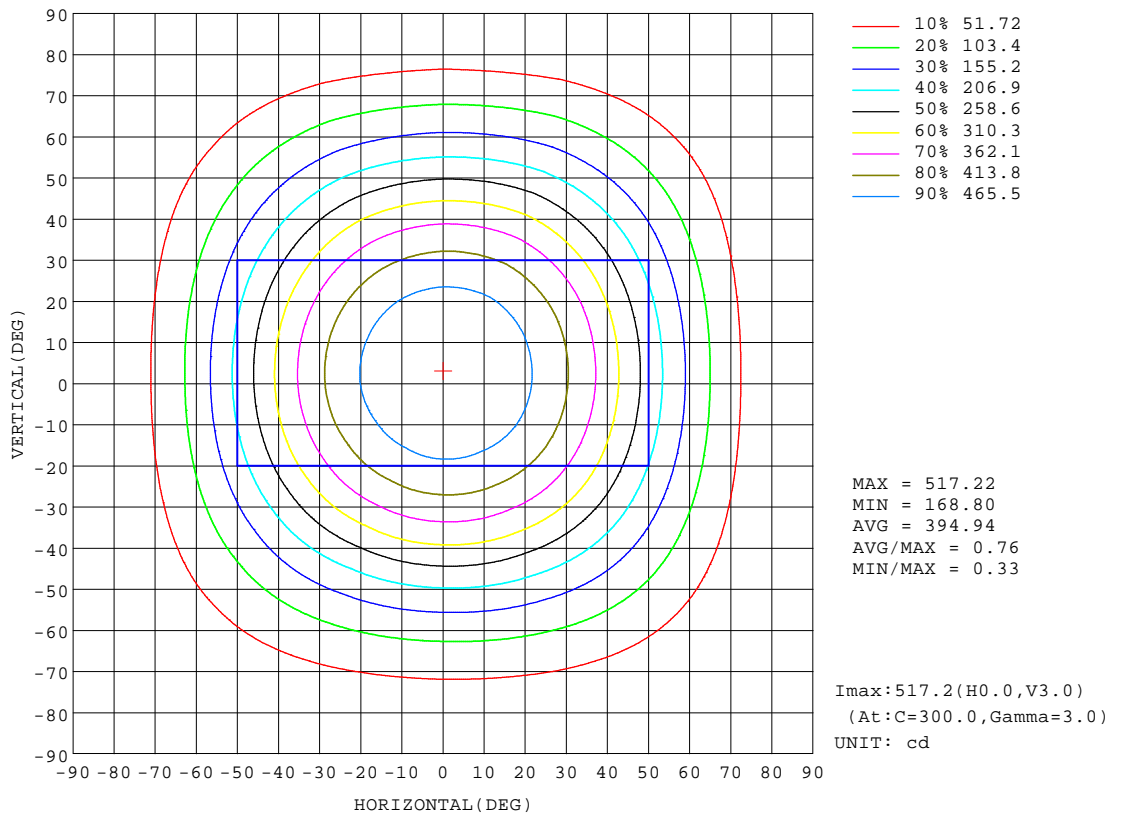
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 62 | 52 | 45 | 62 | 51 | 45 | 61 | 51 | 45 | 39 |
| 0.80 | 73 | 62 | 55 | 72 | 62 | 55 | 70 | 61 | 55 | 48 |
| 1.00 | 81 | 71 | 64 | 80 | 70 | 64 | 77 | 71 | 63 | 57 |
| 1.25 | 88 | 78 | 72 | 86 | 78 | 72 | 83 | 76 | 71 | 64 |
| 1.50 | 92 | 84 | 77 | 91 | 83 | 77 | 88 | 81 | 76 | 69 |
| 2.00 | 98 | 91 | 85 | 97 | 90 | 84 | 93 | 87 | 83 | 76 |
| 2.50 | 102 | 95 | 90 | 100 | 94 | 89 | 96 | 91 | 87 | 79 |
| 3.00 | 105 | 99 | 94 | 102 | 97 | 93 | 98 | 94 | 91 | 82 |
| 4.00 | 108 | 103 | 99 | 106 | 101 | 98 | 101 | 98 | 95 | 86 |
| 5.00 | 110 | 106 | 103 | 108 | 104 | 101 | 103 | 100 | 98 | 89 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0750]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |



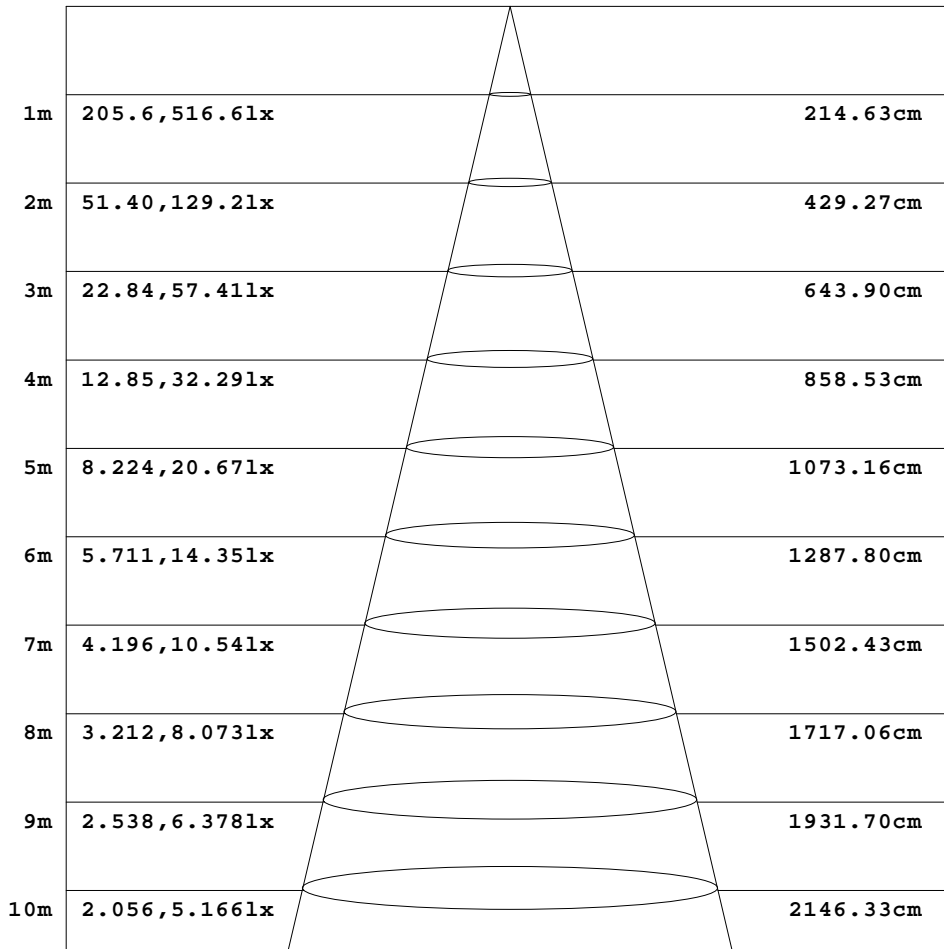
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0750]
 Remarks:

AAI Figure

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

Flux out:796.7 lm



Height Eavg, Emax Angle:94.04deg Diameter

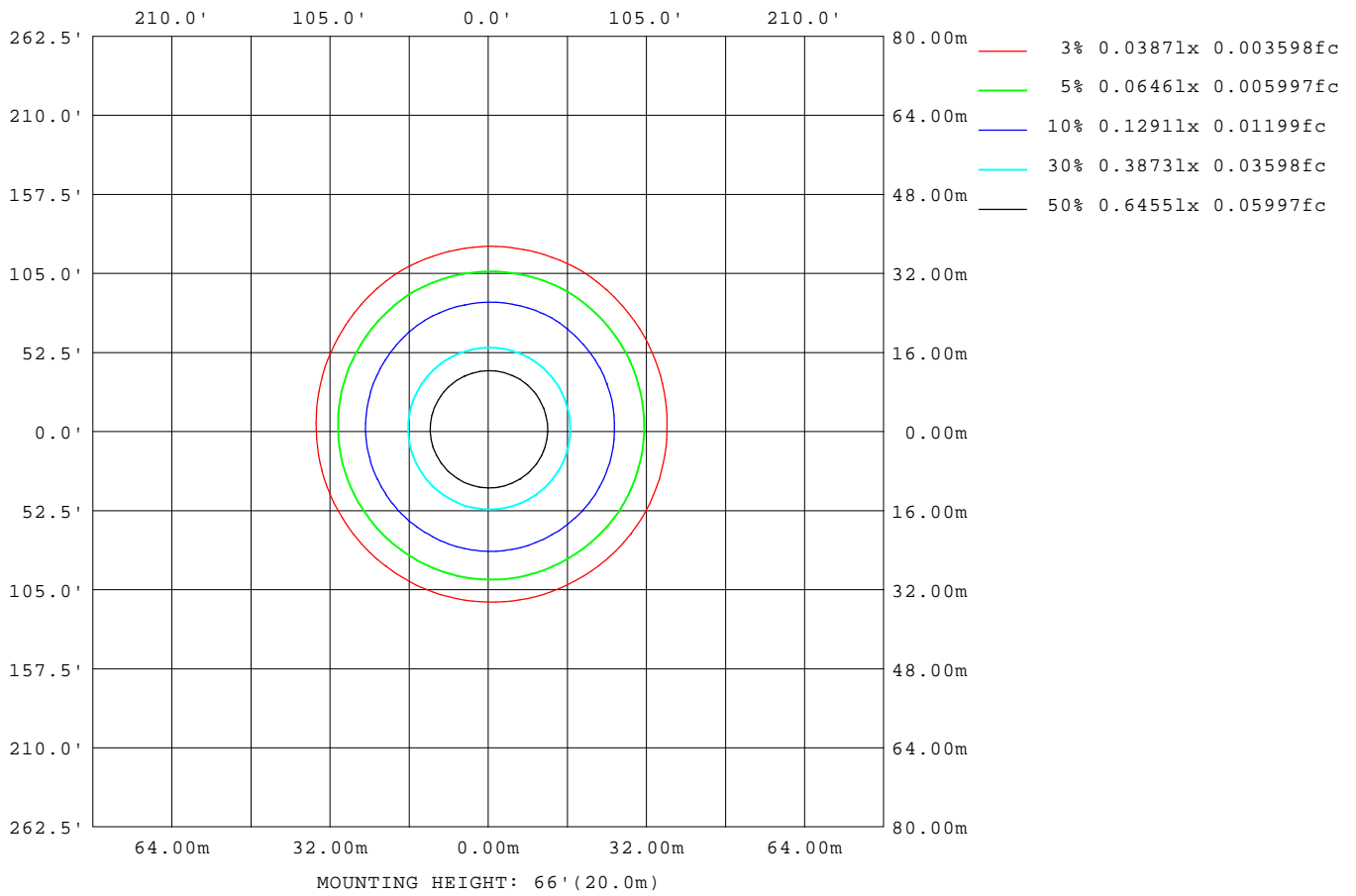
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

ISOLUX DIAGRAM

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0750]
 Remarks:

LED Avg.L Report

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

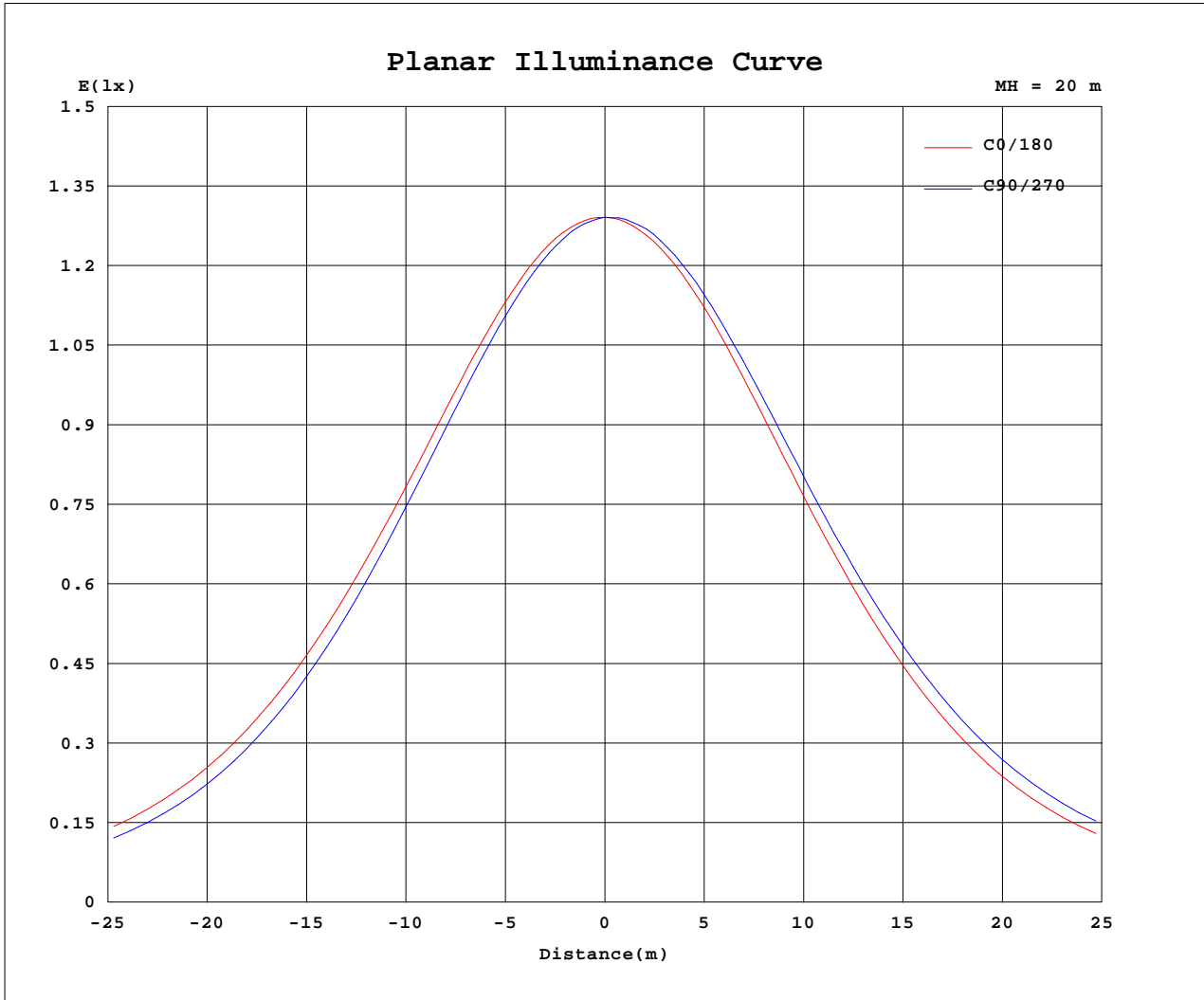
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 7525 |
| L_0~180(75)av | 4511 |
| L_0~180(85)av | 635 |
| L_90~270(65)av | 8393 |
| L_90~270(75)av | 6251 |
| L_90~270(85)av | 3906 |
| L_45(65)av | 8098 |
| L_45(75)av | 5381 |
| L_45(85)av | 1651 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0750]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0750]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-------------------------|-------------------|------------------|
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: 0.175*0.175 | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) g (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | 516 | | | | | | |
| 5 | 514 | 513 | 511 | 510 | 510 | 511 | 512 | 514 | 516 | 516 | 517 | 516 | | | | | | |
| 10 | 507 | 503 | 500 | 498 | 498 | 499 | 503 | 506 | 509 | 510 | 511 | 509 | | | | | | |
| 15 | 493 | 488 | 483 | 480 | 480 | 482 | 488 | 492 | 497 | 499 | 500 | 497 | | | | | | |
| 20 | 473 | 467 | 460 | 456 | 456 | 459 | 466 | 472 | 478 | 481 | 483 | 479 | | | | | | |
| 25 | 446 | 439 | 431 | 427 | 425 | 429 | 438 | 445 | 453 | 457 | 460 | 455 | | | | | | |
| 30 | 416 | 407 | 396 | 391 | 389 | 395 | 405 | 413 | 422 | 427 | 430 | 425 | | | | | | |
| 35 | 379 | 368 | 356 | 349 | 347 | 353 | 365 | 375 | 386 | 392 | 396 | 390 | | | | | | |
| 40 | 336 | 324 | 309 | 303 | 298 | 306 | 319 | 331 | 344 | 351 | 355 | 348 | | | | | | |
| 45 | 288 | 276 | 259 | 252 | 248 | 255 | 269 | 281 | 297 | 304 | 310 | 300 | | | | | | |
| 50 | 239 | 227 | 211 | 204 | 199 | 206 | 219 | 231 | 248 | 255 | 260 | 251 | | | | | | |
| 55 | 192 | 181 | 167 | 160 | 157 | 160 | 169 | 183 | 200 | 207 | 212 | 203 | | | | | | |
| 60 | 145 | 138 | 128 | 122 | 119 | 119 | 125 | 139 | 157 | 163 | 166 | 157 | | | | | | |
| 65 | 103 | 99.0 | 93.4 | 88.9 | 86.1 | 84.2 | 87.7 | 99.8 | 117 | 124 | 125 | 115 | | | | | | |
| 70 | 66.9 | 64.9 | 63.5 | 61.0 | 58.1 | 55.0 | 57.2 | 66.6 | 83.1 | 89.1 | 88.9 | 76.9 | | | | | | |
| 75 | 37.3 | 36.2 | 38.0 | 37.8 | 34.6 | 31.2 | 32.7 | 39.2 | 53.2 | 59.3 | 57.1 | 44.8 | | | | | | |
| 80 | 15.5 | 14.8 | 17.2 | 19.1 | 15.9 | 13.5 | 14.5 | 18.2 | 28.2 | 34.3 | 30.1 | 19.9 | | | | | | |
| 85 | 1.69 | 1.35 | 3.42 | 5.85 | 3.07 | 1.35 | 1.64 | 3.62 | 9.39 | 14.6 | 9.79 | 3.99 | | | | | | |
| 90 | 0.24 | 0.28 | 0.34 | 0.36 | 0.40 | 0.33 | 0.22 | 0.23 | 0.45 | 1.23 | 0.26 | 0.22 | | | | | | |
| 95 | 0.40 | 0.46 | 0.49 | 0.53 | 0.55 | 0.66 | 0.67 | 0.76 | 0.32 | 0.31 | 0.29 | 0.32 | | | | | | |
| 100 | 0.55 | 0.61 | 0.69 | 0.72 | 0.73 | 0.69 | 0.54 | 0.57 | 0.48 | 0.46 | 0.53 | 0.45 | | | | | | |
| 105 | 0.80 | 0.83 | 0.90 | 0.95 | 0.95 | 0.91 | 0.77 | 0.72 | 0.67 | 0.65 | 0.64 | 0.72 | | | | | | |
| 110 | 1.00 | 1.06 | 1.15 | 1.20 | 1.20 | 1.14 | 0.99 | 0.94 | 0.88 | 0.85 | 0.84 | 0.86 | | | | | | |
| 115 | 1.25 | 1.32 | 1.41 | 1.48 | 1.48 | 1.41 | 1.24 | 1.18 | 1.12 | 1.10 | 1.07 | 1.09 | | | | | | |
| 120 | 1.51 | 1.58 | 1.68 | 1.74 | 1.73 | 1.69 | 1.49 | 1.43 | 1.37 | 1.34 | 1.31 | 1.33 | | | | | | |
| 125 | 1.77 | 1.83 | 1.94 | 2.01 | 2.00 | 1.94 | 1.75 | 1.69 | 1.63 | 1.61 | 1.58 | 1.59 | | | | | | |
| 130 | 2.03 | 2.10 | 2.21 | 2.28 | 2.27 | 2.21 | 2.00 | 1.93 | 1.88 | 1.86 | 1.82 | 1.83 | | | | | | |
| 135 | 2.29 | 2.35 | 2.46 | 2.52 | 2.52 | 2.46 | 2.26 | 2.19 | 2.13 | 2.12 | 2.08 | 2.10 | | | | | | |
| 140 | 2.54 | 2.60 | 2.70 | 2.76 | 2.74 | 2.70 | 2.50 | 2.43 | 2.37 | 2.36 | 2.33 | 2.35 | | | | | | |
| 145 | 2.79 | 2.83 | 2.93 | 2.98 | 2.96 | 2.92 | 2.74 | 2.66 | 2.60 | 2.59 | 2.57 | 2.58 | | | | | | |
| 150 | 3.01 | 3.05 | 3.13 | 3.18 | 3.17 | 3.14 | 2.96 | 2.88 | 2.81 | 2.81 | 2.79 | 2.81 | | | | | | |
| 155 | 3.24 | 3.27 | 3.31 | 3.36 | 3.34 | 3.34 | 3.18 | 3.12 | 3.03 | 3.03 | 3.00 | 3.05 | | | | | | |
| 160 | 3.44 | 3.47 | 3.50 | 3.54 | 3.53 | 3.52 | 3.40 | 3.32 | 3.26 | 3.26 | 3.22 | 3.26 | | | | | | |
| 165 | 3.64 | 3.64 | 3.68 | 3.70 | 3.69 | 3.69 | 3.60 | 3.53 | 3.48 | 3.48 | 3.45 | 3.48 | | | | | | |
| 170 | 3.77 | 3.80 | 3.85 | 3.84 | 3.83 | 3.84 | 3.78 | 3.75 | 3.68 | 3.67 | 3.67 | 3.66 | | | | | | |
| 175 | 3.92 | 3.94 | 3.98 | 3.94 | 3.96 | 3.94 | 3.91 | 3.90 | 3.86 | 3.85 | 3.86 | 3.84 | | | | | | |
| 180 | 4.01 | 4.00 | 3.99 | 3.96 | 3.97 | 3.97 | 4.00 | 4.01 | 3.99 | 3.97 | 3.97 | 3.97 | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-23

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
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