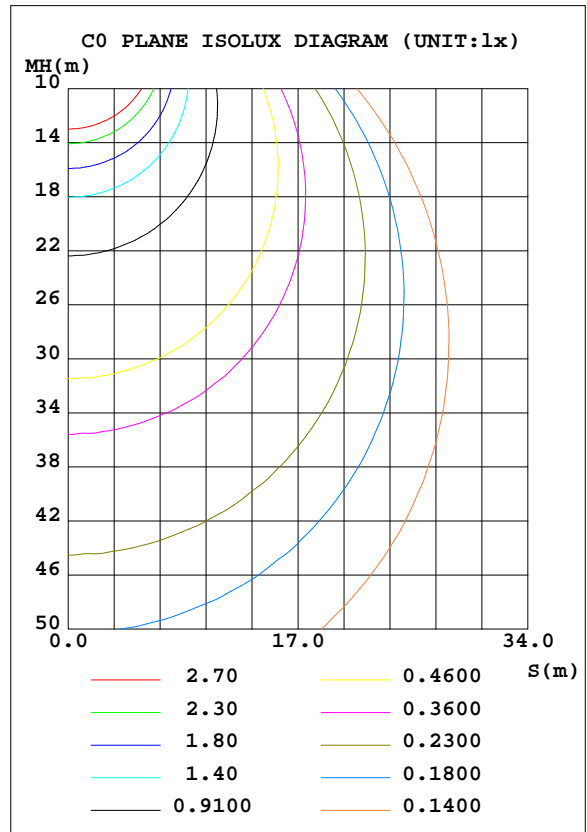
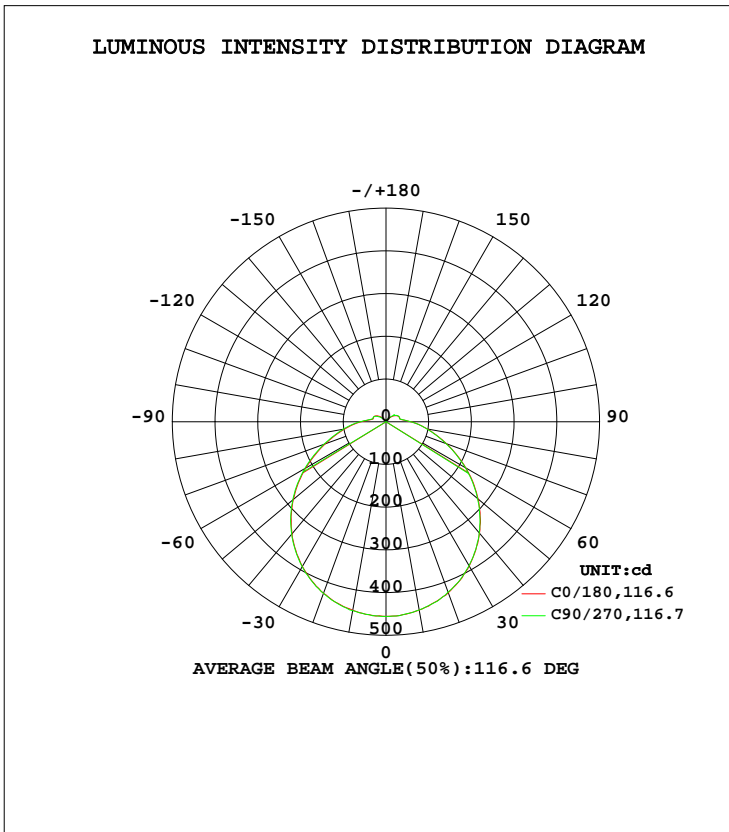


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.4lx1 lm | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: ASD Lighting corp | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 81.25 lm/W | | | |
|------------------|-------------------|----------------------------------|--------|--------------------|----------|
| MODEL | PSZ2S220624005-10 | I _{max} (cd) | 456.0 | S/MH(C0/180) | 1.27 |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 1.27 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 1601.4 | η UP, DN(C0-180) | 4.6,45.6 |
| NOMINAL FLUX(lm) | 1601.41 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 4.9,44.9 |
| LAMPS INSIDE | 1 | η up(%) | 9.6 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 120 | η down(%) | 90.4 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:Carl
 Test Date:2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.526m [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 | 448.0 | 449.1 | 448.9 | 447.9 | 447.3 | 447.1 | 447.4 | 446.7 | 0- 10 | 43.12 | 43.12 | 2.69,2.69 |
| 20 | 427.6 | 427.1 | 427.5 | 426.9 | 426.0 | 425.7 | 424.5 | 425.2 | 10- 20 | 123.9 | 167.0 | 10.4,10.4 |
| 30 | 391.6 | 392.0 | 392.0 | 391.2 | 389.7 | 388.8 | 388.8 | 388.4 | 20- 30 | 189.0 | 356.0 | 22.2,22.2 |
| 40 | 342.5 | 342.9 | 343.6 | 342.7 | 340.8 | 339.6 | 339.3 | 339.1 | 30- 40 | 229.8 | 585.8 | 36.6,36.6 |
| 50 | 283.3 | 284.0 | 284.8 | 284.9 | 281.3 | 280.1 | 279.9 | 279.4 | 40- 50 | 241.4 | 827.2 | 51.7,51.7 |
| 60 | 217.1 | 218.2 | 219.7 | 219.5 | 215.8 | 214.9 | 214.1 | 213.0 | 50- 60 | 223.4 | 1051 | 65.6,65.6 |
| 70 | 151.5 | 152.5 | 154.4 | 155.0 | 151.4 | 150.7 | 149.7 | 148.2 | 60- 70 | 181.6 | 1232 | 76.9,76.9 |
| 80 | 98.20 | 99.40 | 101.6 | 102.4 | 98.20 | 97.59 | 97.41 | 95.83 | 70- 80 | 130.8 | 1363 | 85.1,85.1 |
| 90 | 58.44 | 58.86 | 61.35 | 62.41 | 58.39 | 57.99 | 58.43 | 56.69 | 80- 90 | 85.24 | 1448 | 90.4,90.4 |
| 100 | 33.57 | 33.98 | 35.24 | 35.87 | 34.70 | 35.12 | 35.19 | 33.58 | 90-100 | 49.06 | 1497 | 93.5,93.5 |
| 110 | 31.29 | 30.82 | 31.55 | 32.18 | 32.77 | 33.14 | 33.37 | 32.14 | 100-110 | 34.44 | 1532 | 95.7,95.7 |
| 120 | 27.91 | 25.96 | 25.88 | 27.72 | 28.75 | 29.35 | 29.62 | 28.76 | 110-120 | 30.44 | 1562 | 97.6,97.6 |
| 130 | 19.55 | 16.20 | 15.37 | 17.04 | 19.97 | 22.47 | 25.79 | 21.50 | 120-130 | 21.57 | 1584 | 98.9,98.9 |
| 140 | 11.35 | 6.836 | 6.113 | 6.875 | 9.589 | 12.56 | 12.88 | 11.77 | 130-140 | 11.31 | 1595 | 99.6,99.6 |
| 150 | 4.074 | 2.575 | 2.564 | 2.609 | 3.198 | 4.865 | 5.403 | 5.323 | 140-150 | 4.109 | 1599 | 99.9,99.9 |
| 160 | 2.829 | 1.932 | 2.933 | 2.739 | 1.999 | 2.333 | 2.722 | 2.628 | 150-160 | 1.437 | 1601 | 100,100 |
| 170 | 2.476 | 1.235 | 2.582 | 1.871 | 1.405 | 1.593 | 1.704 | 1.751 | 160-170 | 0.6390 | 1601 | 100,100 |
| 180 | 0.7234 | 0.7507 | 0.7226 | 0.7582 | 0.7621 | 0.7623 | 0.7652 | 0.7594 | 170-180 | 0.1535 | 1601 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 706.97 lm

%lum = 44.1%
%lamp = 44.1%

Conical surface Flux(120deg): 1050.6 lm

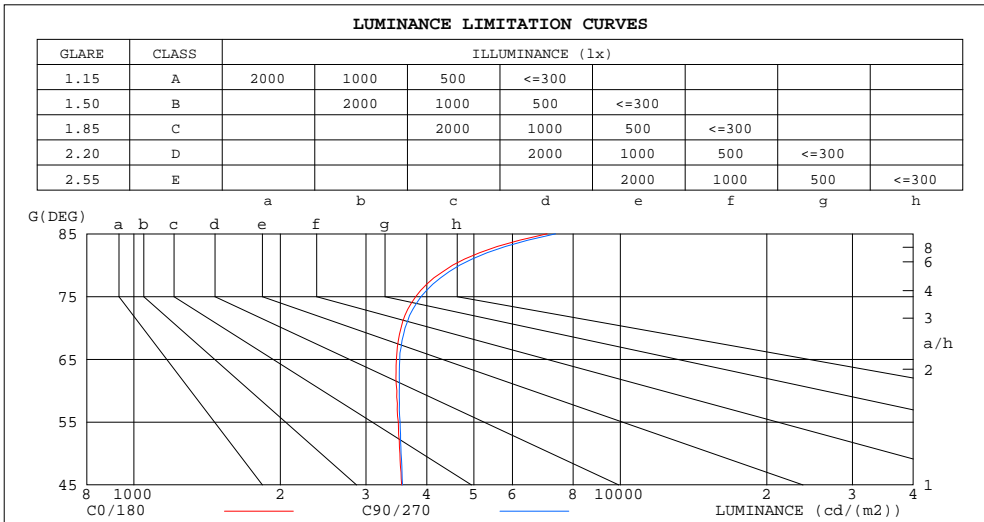
%lum = 65.6%
%lamp = 65.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.8DEG
Operators:Carl
Test Date:2022-06-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:35%
Test Distance:2.526m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.41x1 lm | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: ASD Lighting corp | SUR.:N/A | Shielding Angle:N/A |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 7070 | 7358 |
| 80 | 4522 | 4675 |
| 75 | 3796 | 3893 |
| 70 | 3541 | 3609 |
| 65 | 3464 | 3519 |
| 60 | 3472 | 3513 |
| 55 | 3495 | 3527 |
| 50 | 3524 | 3542 |
| 45 | 3553 | 3565 |

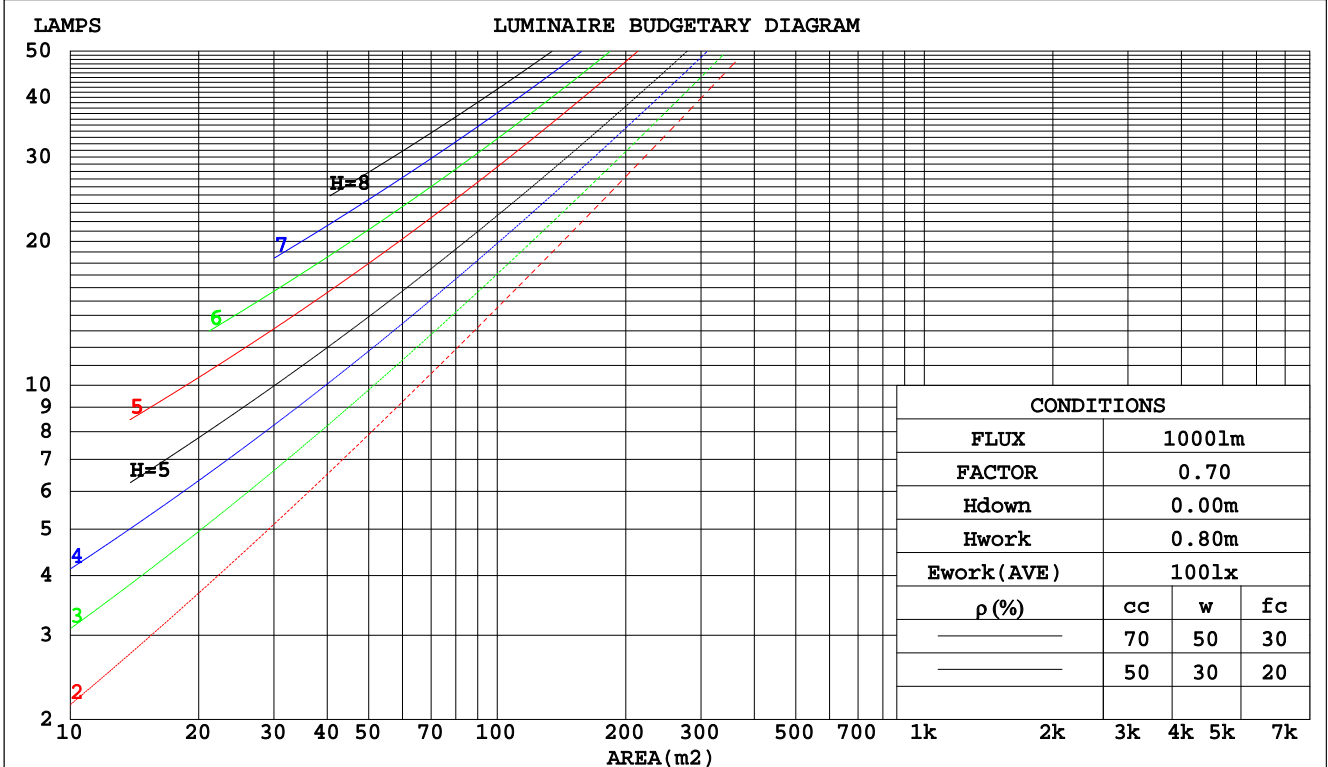
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.8DEG
 Operators: Carl
 Test Date: 2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.4lx1 lm | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: ASD Lighting corp | SUR.:N/A | Shielding Angle:N/A |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|--|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pw | | | | | | | | | | | | | | | | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.17 | 1.17 | 1.17 | 1.13 | 1.13 | 1.13 | 1.06 | 1.06 | 1.06 | .99 | .99 | .99 | .93 | .93 | .93 | .90 |
| 1.0 | .99 | .94 | .90 | .96 | .92 | .88 | .90 | .86 | .83 | .84 | .82 | .79 | .79 | .77 | .75 | .72 |
| 2.0 | .86 | .78 | .72 | .83 | .76 | .71 | .78 | .72 | .67 | .73 | .69 | .64 | .69 | .65 | .62 | .59 |
| 3.0 | .75 | .66 | .59 | .73 | .65 | .58 | .68 | .61 | .56 | .64 | .59 | .54 | .60 | .56 | .52 | .49 |
| 4.0 | .66 | .57 | .50 | .64 | .56 | .49 | .60 | .53 | .47 | .57 | .51 | .46 | .54 | .48 | .44 | .42 |
| 5.0 | .59 | .50 | .43 | .57 | .49 | .42 | .54 | .46 | .41 | .51 | .44 | .39 | .48 | .43 | .38 | .36 |
| 6.0 | .53 | .44 | .37 | .51 | .43 | .37 | .49 | .41 | .36 | .46 | .39 | .34 | .44 | .38 | .33 | .31 |
| 7.0 | .48 | .39 | .33 | .47 | .38 | .32 | .44 | .37 | .31 | .42 | .35 | .30 | .40 | .34 | .30 | .27 |
| 8.0 | .44 | .35 | .29 | .42 | .34 | .29 | .40 | .33 | .28 | .38 | .32 | .27 | .36 | .31 | .26 | .24 |
| 9.0 | .40 | .32 | .26 | .39 | .31 | .26 | .37 | .30 | .25 | .35 | .29 | .24 | .34 | .28 | .24 | .22 |
| 10.0 | .37 | .29 | .24 | .36 | .28 | .23 | .34 | .27 | .23 | .33 | .27 | .22 | .31 | .26 | .22 | .20 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:Carl
 Test Date:2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.526m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.41x1 lm | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: ASD Lighting corp | SUR.:N/A | Shielding Angle:N/A |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .352 | .200 | .063 | .342 | .195 | .062 | .323 | .186 | .059 | .306 | .177 | .057 | .290 | .168 | .054 | |
| 2.0 | .314 | .172 | .053 | .305 | .168 | .052 | .288 | .160 | .050 | .273 | .153 | .048 | .258 | .146 | .046 | |
| 3.0 | .284 | .151 | .045 | .275 | .148 | .044 | .260 | .141 | .043 | .246 | .135 | .041 | .233 | .129 | .040 | |
| 4.0 | .258 | .134 | .039 | .251 | .131 | .039 | .237 | .126 | .038 | .224 | .120 | .036 | .212 | .115 | .035 | |
| 5.0 | .236 | .120 | .035 | .230 | .118 | .034 | .217 | .113 | .033 | .206 | .109 | .032 | .195 | .104 | .031 | |
| 6.0 | .218 | .109 | .031 | .212 | .107 | .031 | .200 | .103 | .030 | .190 | .099 | .029 | .180 | .095 | .028 | |
| 7.0 | .201 | .100 | .028 | .196 | .098 | .028 | .186 | .094 | .027 | .177 | .091 | .026 | .168 | .087 | .026 | |
| 8.0 | .187 | .092 | .026 | .183 | .090 | .025 | .173 | .087 | .025 | .165 | .083 | .024 | .157 | .080 | .023 | |
| 9.0 | .175 | .085 | .024 | .171 | .083 | .023 | .162 | .080 | .023 | .154 | .077 | .022 | .147 | .075 | .022 | |
| 10.0 | .164 | .079 | .022 | .160 | .077 | .022 | .153 | .075 | .021 | .145 | .072 | .021 | .138 | .070 | .020 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .263 | .263 | .263 | .225 | .225 | .225 | .154 | .154 | .154 | .088 | .088 | .088 | .028 | .028 | .028 | |
| 1.0 | .257 | .229 | .204 | .220 | .197 | .176 | .150 | .135 | .122 | .086 | .078 | .071 | .028 | .025 | .023 | |
| 2.0 | .249 | .206 | .169 | .213 | .177 | .146 | .146 | .123 | .102 | .084 | .071 | .060 | .027 | .023 | .019 | |
| 3.0 | .241 | .189 | .147 | .207 | .163 | .127 | .142 | .113 | .089 | .082 | .066 | .053 | .026 | .021 | .017 | |
| 4.0 | .234 | .176 | .132 | .201 | .152 | .114 | .138 | .106 | .081 | .080 | .062 | .048 | .026 | .020 | .016 | |
| 5.0 | .226 | .166 | .121 | .194 | .143 | .105 | .134 | .100 | .074 | .077 | .059 | .044 | .025 | .019 | .015 | |
| 6.0 | .219 | .158 | .114 | .188 | .137 | .099 | .130 | .096 | .070 | .075 | .056 | .042 | .024 | .018 | .014 | |
| 7.0 | .212 | .151 | .108 | .182 | .131 | .094 | .126 | .092 | .067 | .073 | .054 | .040 | .024 | .018 | .013 | |
| 8.0 | .205 | .145 | .104 | .177 | .126 | .091 | .122 | .088 | .064 | .071 | .052 | .038 | .023 | .017 | .013 | |
| 9.0 | .199 | .140 | .101 | .171 | .122 | .088 | .119 | .086 | .062 | .069 | .051 | .037 | .022 | .017 | .012 | |
| 10.0 | .193 | .136 | .098 | .167 | .118 | .086 | .116 | .083 | .061 | .067 | .049 | .036 | .022 | .016 | .012 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:Carl
 Test Date:2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-----------|----------------|------|---------------------|------|------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.4lx1 lm | | | | | | | | | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | | | | | TYPE:N/A | | | WEIGHT:N/A | | |
| SPEC.:N/A | | | | | DIM.: N/A | | | SERIAL No.:N/A | | |
| MFR.: ASD Lighting corp | | | | | SUR.:N/A | | | Shielding Angle:N/A | | |
| 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 | 16.6 | 18.0 | 17.0 | 18.4 | 18.8 | 16.6 | 18.1 | 17.0 | 18.4 | 18.8 |
| 3H | 18.4 | 19.7 | 18.8 | 20.1 | 20.5 | 18.4 | 19.8 | 18.9 | 20.2 | 20.6 |
| 4H | 19.2 | 20.5 | 19.7 | 20.9 | 21.4 | 19.3 | 20.6 | 19.8 | 21.0 | 21.5 |
| 6H | 20.2 | 21.3 | 20.6 | 21.8 | 22.3 | 20.3 | 21.5 | 20.7 | 21.9 | 22.4 |
| 8H | 20.6 | 21.8 | 21.1 | 22.2 | 22.7 | 20.8 | 21.9 | 21.3 | 22.4 | 22.9 |
| 12H | 21.2 | 22.3 | 21.7 | 22.8 | 23.3 | 21.3 | 22.4 | 21.8 | 22.9 | 23.4 |
| 4H 2H | 17.2 | 18.5 | 17.7 | 18.9 | 19.4 | 17.3 | 18.5 | 17.7 | 18.9 | 19.4 |
| 3H | 19.2 | 20.3 | 19.7 | 20.8 | 21.3 | 19.3 | 20.4 | 19.8 | 20.8 | 21.4 |
| 4H | 20.3 | 21.3 | 20.8 | 21.8 | 22.3 | 20.3 | 21.4 | 20.9 | 21.8 | 22.4 |
| 6H | 21.4 | 22.3 | 21.9 | 22.8 | 23.4 | 21.5 | 22.4 | 22.0 | 22.9 | 23.5 |
| 8H | 21.9 | 22.8 | 22.5 | 23.3 | 23.9 | 22.1 | 22.9 | 22.6 | 23.4 | 24.0 |
| 12H | 22.6 | 23.4 | 23.2 | 23.9 | 24.6 | 22.8 | 23.5 | 23.3 | 24.1 | 24.7 |
| 8H 4H | 20.7 | 21.5 | 21.2 | 22.1 | 22.6 | 20.7 | 21.6 | 21.3 | 22.1 | 22.7 |
| 6H | 22.0 | 22.7 | 22.6 | 23.3 | 23.9 | 22.1 | 22.8 | 22.7 | 23.4 | 24.0 |
| 8H | 22.8 | 23.4 | 23.4 | 24.0 | 24.7 | 22.9 | 23.5 | 23.5 | 24.1 | 24.8 |
| 12H | 23.7 | 24.2 | 24.3 | 24.8 | 25.5 | 23.8 | 24.4 | 24.4 | 25.0 | 25.6 |
| 12H 4H | 20.8 | 21.5 | 21.3 | 22.1 | 22.7 | 20.8 | 21.6 | 21.4 | 22.1 | 22.8 |
| 6H | 22.2 | 22.8 | 22.8 | 23.4 | 24.1 | 22.3 | 22.9 | 22.9 | 23.5 | 24.2 |
| 8H | 23.1 | 23.6 | 23.7 | 24.2 | 24.9 | 23.2 | 23.7 | 23.8 | 24.3 | 25.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117 Corrected 1601 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.6)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.8DEG
 Operators:Carl
 Test Date:2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.526m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

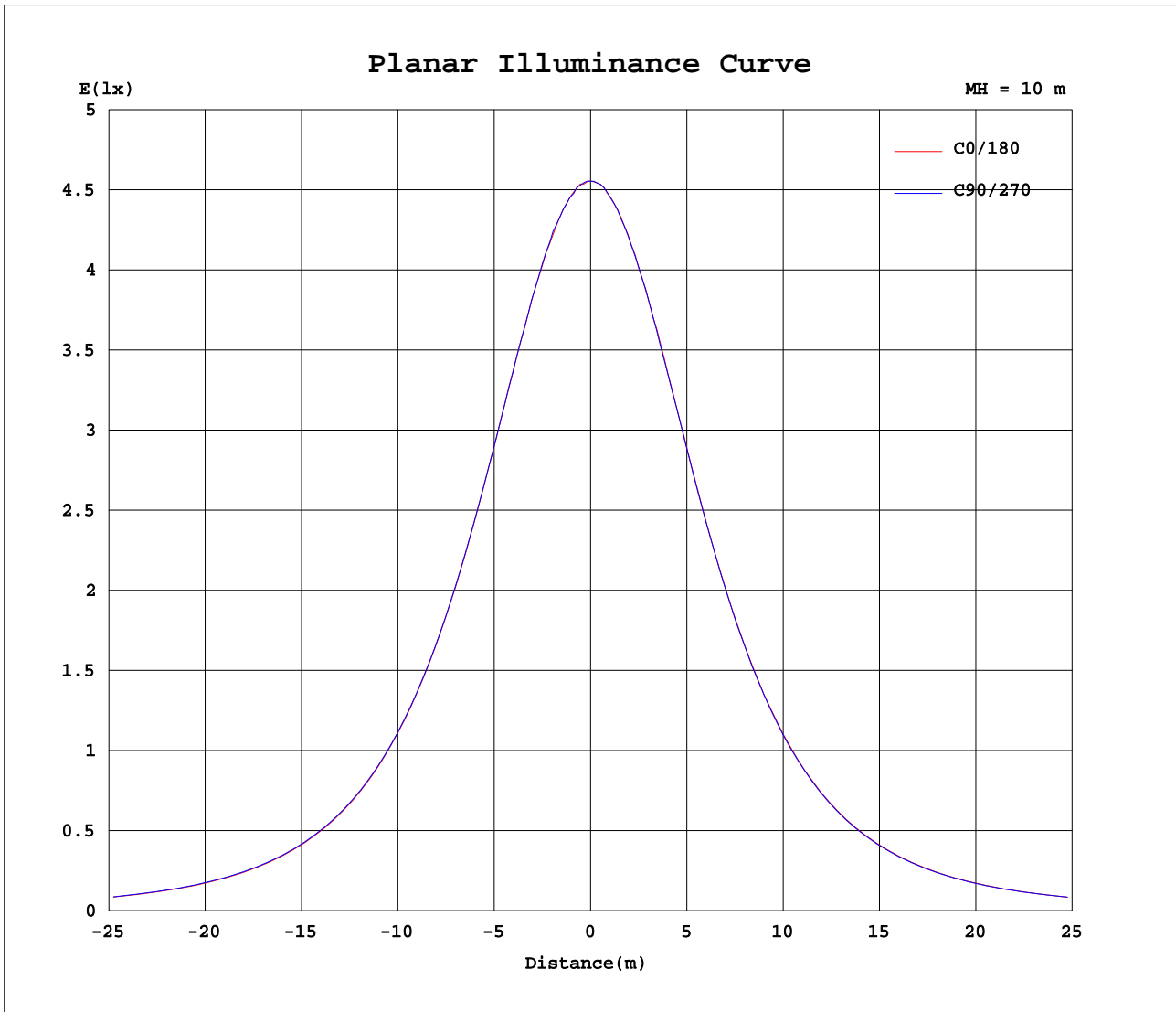
| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.1682A P:19.71W PF:0.9768 Lamp Flux:1601.4lx1 lm | | |
| NAME: ASD-LFMDR-MV-12D20CC-NK 3000K | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: ASD Lighting corp | SUR.:N/A | Shielding Angle:N/A |

| 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 | 53 | 41 | 33 | 52 | 40 | 33 | 50 | 39 | 33 | 26 |
| 0.80 | 62 | 50 | 42 | 61 | 49 | 42 | 58 | 48 | 41 | 34 |
| 1.00 | 70 | 58 | 50 | 69 | 57 | 50 | 66 | 58 | 49 | 41 |
| 1.25 | 77 | 65 | 58 | 75 | 64 | 57 | 72 | 62 | 56 | 47 |
| 1.50 | 82 | 71 | 63 | 80 | 70 | 62 | 76 | 67 | 61 | 52 |
| 2.00 | 89 | 79 | 72 | 87 | 78 | 71 | 82 | 74 | 68 | 59 |
| 2.50 | 93 | 84 | 77 | 91 | 82 | 76 | 85 | 79 | 73 | 63 |
| 3.00 | 97 | 89 | 82 | 94 | 86 | 81 | 88 | 82 | 77 | 66 |
| 4.00 | 101 | 94 | 89 | 98 | 92 | 87 | 92 | 87 | 83 | 71 |
| 5.00 | 104 | 98 | 93 | 101 | 95 | 91 | 94 | 90 | 86 | 74 |
| 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:25.8DEG
 Operators:Carl
 Test Date:2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:35%
 Test Distance:2.526m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.8DEG
 Operators: Carl
 Test Date: 2022-06-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 35%
 Test Distance: 2.526m [K=1.0000]
 Remarks:

