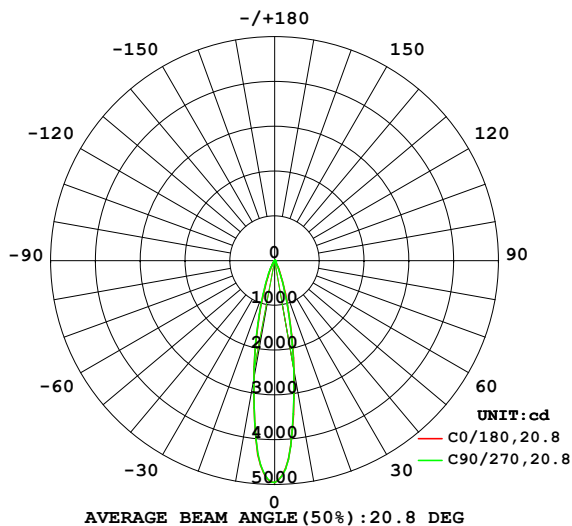


LUMINAIRE PHOTOMETRIC TEST REPORT

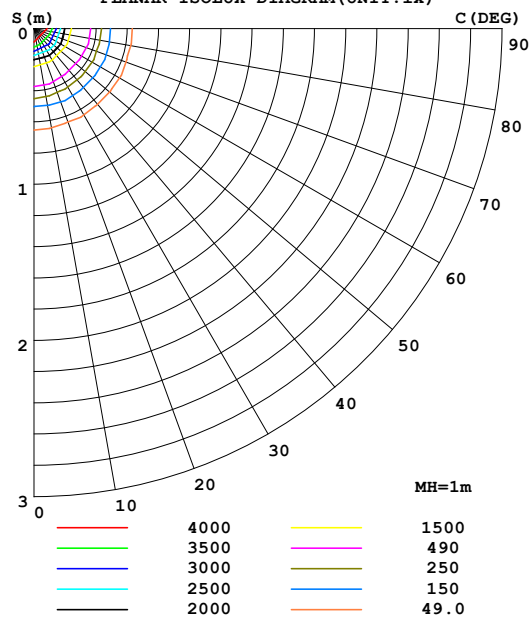
| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 92.80 lm/W |
|------------------|---------|-----------------------|--------|--------------------|--|-----------------|
| MODEL | | I _{max} (cd) | 4950 | S/MH (C0/180) | | 0.37 |
| NOMINAL POWER(W) | 10 | LOR (%) | 100.0 | S/MH (C90/270) | | 0.37 |
| RATED VOLTAGE(V) | 240 | TOTAL FLUX(lm) | 930.80 | η UP,DN (C0-180) | | 0.0,47.3 |
| NOMINAL FLUX(lm) | 930.799 | CIE CLASS | DIRECT | η UP,DN (C180-360) | | 0.0,52.7 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | | 0.00 |
| TEST VOLTAGE(V) | 240.39 | η down (%) | 100.0 | CIBSE SHR MAX | | 0.30 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
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 | 2493 | 2442 | 2471 | 2609 | 2704 | 2746 | 2701 | 2590 | 0- 10 | 347.3 | 347.3 | 37.3,37.3 |
| 20 | 571.3 | 536.9 | 522.7 | 579.2 | 642.5 | 680.6 | 676.3 | 616.3 | 10- 20 | 375.2 | 722.5 | 77.6,77.6 |
| 30 | 123.8 | 116.3 | 107.9 | 115.8 | 134.1 | 155.0 | 158.2 | 140.7 | 20- 30 | 136.4 | 859.0 | 92.3,92.3 |
| 40 | 26.91 | 25.37 | 23.95 | 24.85 | 29.39 | 35.13 | 36.28 | 31.35 | 30- 40 | 40.94 | 899.9 | 96.7,96.7 |
| 50 | 10.83 | 9.875 | 9.622 | 9.612 | 11.79 | 13.31 | 13.94 | 12.26 | 40- 50 | 13.56 | 913.5 | 98.1,98.1 |
| 60 | 8.162 | 7.478 | 7.132 | 7.188 | 8.406 | 9.002 | 9.385 | 8.825 | 50- 60 | 8.521 | 922.0 | 99.1,99.1 |
| 70 | 4.681 | 4.336 | 4.163 | 4.393 | 4.793 | 5.114 | 5.166 | 5.065 | 60- 70 | 6.483 | 928.5 | 99.7,99.7 |
| 80 | 0.3055 | 0.2791 | 0.3006 | 0.2995 | 0.3199 | 0.2922 | 0.2485 | 0.2760 | 70- 80 | 2.238 | 930.7 | 100,100 |
| 90 | 0.0093 | 0 | 0.0177 | 0.0003 | 0 | 0 | 0.0071 | 0 | 80- 90 | 0.1046 | 930.8 | 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 | | |

Conical surface Flux(90deg): 907.98 lm

%lum = 97.5%

%lamp = 97.5%

Conical surface Flux(130deg): 925.6 lm

%lum = 99.4%

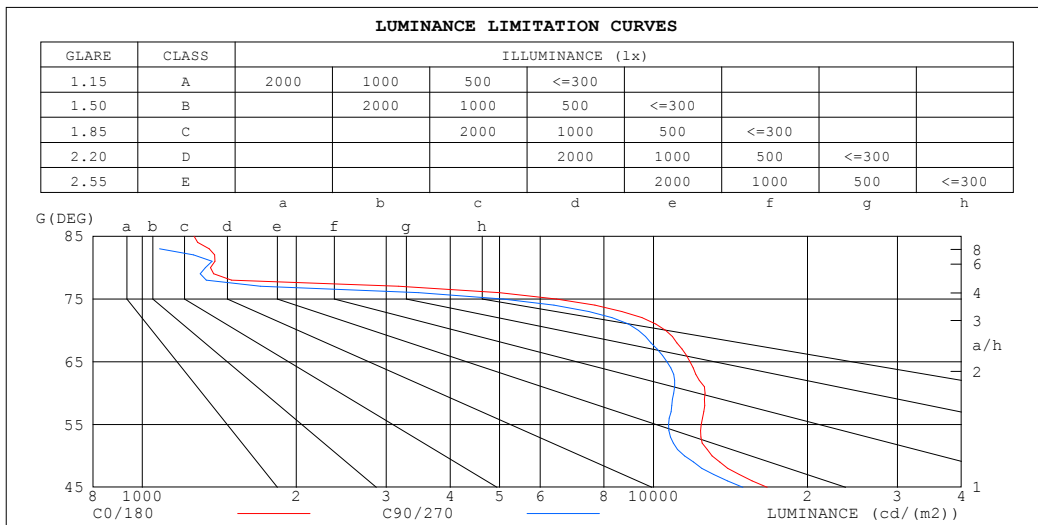
%lamp = 99.4%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-09-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
 Humidity:65.0%
 Test Distance:3.090m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |



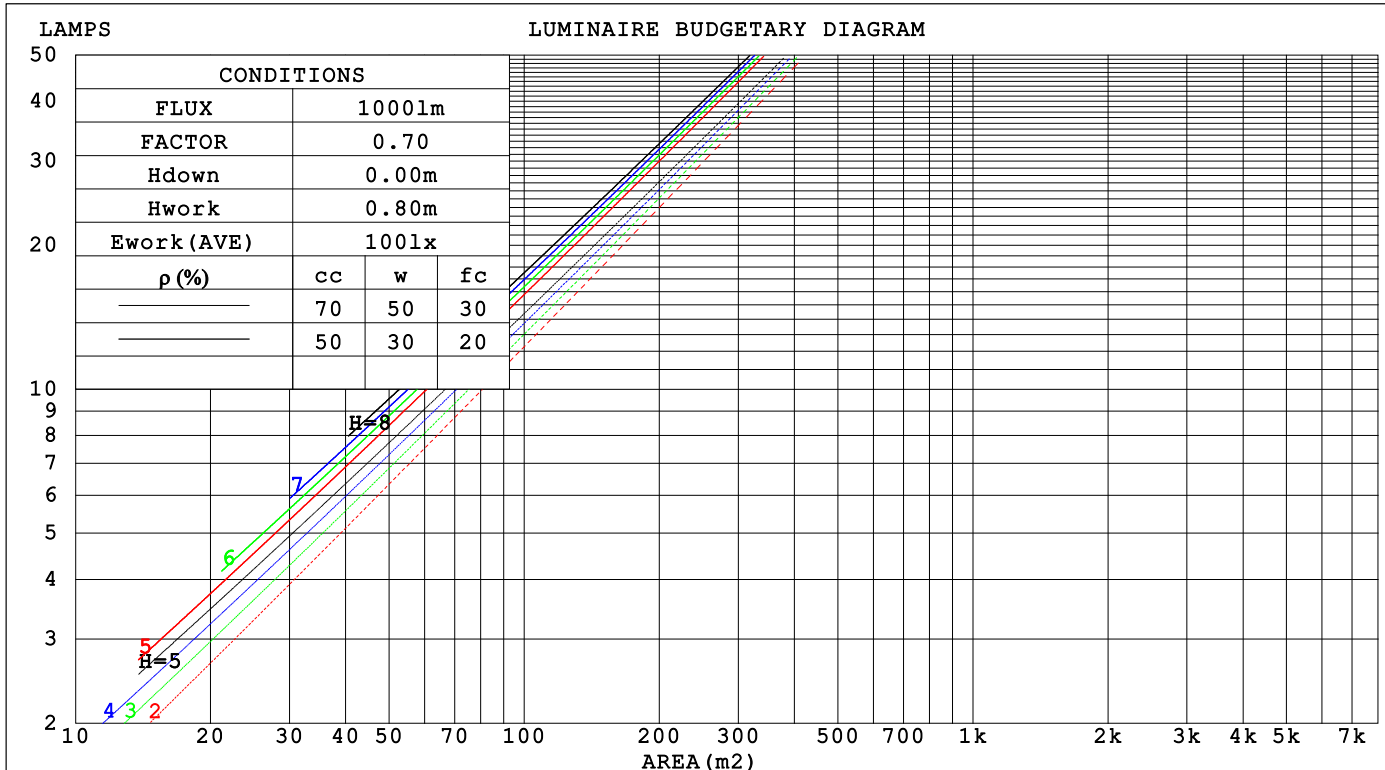
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|--|-------|------------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 | | Lamp Flux:930.799x1 lm |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .141 | .080 | .025 | .134 | .076 | .024 | .122 | .070 | .022 | .110 | .064 | .020 | .100 | .058 | .019 | | |
| 2.0 | .131 | .072 | .022 | .125 | .069 | .021 | .115 | .064 | .020 | .106 | .059 | .019 | .097 | .055 | .017 | | |
| 3.0 | .122 | .065 | .019 | .117 | .063 | .019 | .109 | .059 | .018 | .101 | .055 | .017 | .094 | .052 | .016 | | |
| 4.0 | .114 | .059 | .017 | .110 | .058 | .017 | .103 | .055 | .016 | .096 | .052 | .016 | .090 | .049 | .015 | | |
| 5.0 | .107 | .055 | .016 | .104 | .053 | .016 | .098 | .051 | .015 | .092 | .049 | .014 | .087 | .046 | .014 | | |
| 6.0 | .101 | .051 | .015 | .098 | .050 | .014 | .093 | .048 | .014 | .088 | .046 | .013 | .084 | .044 | .013 | | |
| 7.0 | .096 | .047 | .013 | .094 | .047 | .013 | .089 | .045 | .013 | .085 | .043 | .013 | .081 | .042 | .012 | | |
| 8.0 | .091 | .045 | .013 | .089 | .044 | .012 | .085 | .043 | .012 | .081 | .041 | .012 | .078 | .040 | .012 | | |
| 9.0 | .087 | .042 | .012 | .085 | .042 | .012 | .082 | .040 | .011 | .078 | .039 | .011 | .075 | .038 | .011 | | |
| 10.0 | .083 | .040 | .011 | .082 | .039 | .011 | .078 | .038 | .011 | .075 | .037 | .011 | .073 | .036 | .010 | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 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 | .148 | .144 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 | | |
| 2.0 | .151 | .133 | .117 | .129 | .114 | .102 | .088 | .079 | .071 | .051 | .046 | .042 | .016 | .015 | .014 | | |
| 3.0 | .136 | .113 | .095 | .117 | .098 | .083 | .080 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 | | |
| 4.0 | .124 | .098 | .078 | .106 | .085 | .068 | .073 | .059 | .048 | .042 | .035 | .028 | .014 | .011 | .009 | | |
| 5.0 | .113 | .086 | .065 | .097 | .074 | .057 | .067 | .052 | .040 | .039 | .030 | .024 | .012 | .010 | .008 | | |
| 6.0 | .104 | .076 | .055 | .090 | .066 | .048 | .062 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 | | |
| 7.0 | .097 | .068 | .047 | .083 | .059 | .041 | .057 | .041 | .029 | .033 | .024 | .017 | .011 | .008 | .006 | | |
| 8.0 | .090 | .061 | .041 | .077 | .053 | .036 | .054 | .037 | .025 | .031 | .022 | .015 | .010 | .007 | .005 | | |
| 9.0 | .084 | .055 | .035 | .073 | .048 | .031 | .050 | .034 | .022 | .029 | .020 | .013 | .009 | .007 | .004 | | |
| 10.0 | .079 | .050 | .031 | .068 | .044 | .027 | .047 | .031 | .019 | .028 | .018 | .012 | .009 | .006 | .004 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | | | | | | | | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: Norming Lighting | | | | | 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 | 13.9 | 14.5 | 14.1 | 14.7 | 14.8 | 13.3 | 14.0 | 13.5 | 14.1 | 14.3 |
| 3H | 14.7 | 15.3 | 14.9 | 15.5 | 15.7 | 14.1 | 14.7 | 14.4 | 14.9 | 15.1 |
| 4H | 14.9 | 15.5 | 15.1 | 15.7 | 15.9 | 14.3 | 14.9 | 14.5 | 15.1 | 15.3 |
| 6H | 14.8 | 15.4 | 15.1 | 15.6 | 15.8 | 14.2 | 14.8 | 14.5 | 15.0 | 15.2 |
| 8H | 14.8 | 15.3 | 15.1 | 15.6 | 15.8 | 14.2 | 14.7 | 14.5 | 15.0 | 15.2 |
| 12H | 14.7 | 15.3 | 15.0 | 15.5 | 15.8 | 14.1 | 14.6 | 14.4 | 14.9 | 15.2 |
| 4H 2H | 14.1 | 14.7 | 14.4 | 14.9 | 15.1 | 13.6 | 14.2 | 13.9 | 14.4 | 14.6 |
| 3H | 15.1 | 15.6 | 15.4 | 15.9 | 16.2 | 14.6 | 15.1 | 14.9 | 15.4 | 15.7 |
| 4H | 15.3 | 15.8 | 15.7 | 16.1 | 16.4 | 14.8 | 15.3 | 15.1 | 15.6 | 15.9 |
| 6H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 14.7 | 15.1 | 15.1 | 15.5 | 15.8 |
| 8H | 15.2 | 15.6 | 15.6 | 15.9 | 16.3 | 14.7 | 15.1 | 15.0 | 15.4 | 15.8 |
| 12H | 15.1 | 15.5 | 15.5 | 15.9 | 16.3 | 14.6 | 15.0 | 15.0 | 15.3 | 15.7 |
| 8H 4H | 15.3 | 15.7 | 15.7 | 16.0 | 16.4 | 14.8 | 15.2 | 15.2 | 15.5 | 15.9 |
| 6H | 15.2 | 15.5 | 15.6 | 15.9 | 16.3 | 14.7 | 15.0 | 15.1 | 15.4 | 15.8 |
| 8H | 15.1 | 15.4 | 15.6 | 15.9 | 16.3 | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 |
| 12H | 15.1 | 15.3 | 15.6 | 15.8 | 16.3 | 14.6 | 14.8 | 15.0 | 15.3 | 15.7 |
| 12H 4H | 15.2 | 15.6 | 15.6 | 16.0 | 16.4 | 14.7 | 15.1 | 15.1 | 15.5 | 15.8 |
| 6H | 15.1 | 15.4 | 15.6 | 15.8 | 16.3 | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 |
| 8H | 15.1 | 15.3 | 15.6 | 15.8 | 16.2 | 14.6 | 14.8 | 15.0 | 15.3 | 15.7 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.2 / - 1.1 | | | | | + 1.0 / - 1.1 | | | | |
| 1.5H | + 2.3 / - 0.9 | | | | | + 2.0 / - 1.0 | | | | |
| 2.0H | + 0.7 / - 0.6 | | | | | + 0.7 / - 0.5 | | | | |

CIE Pub.117, 930.8 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.2)
Area: 0.0013 m2

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

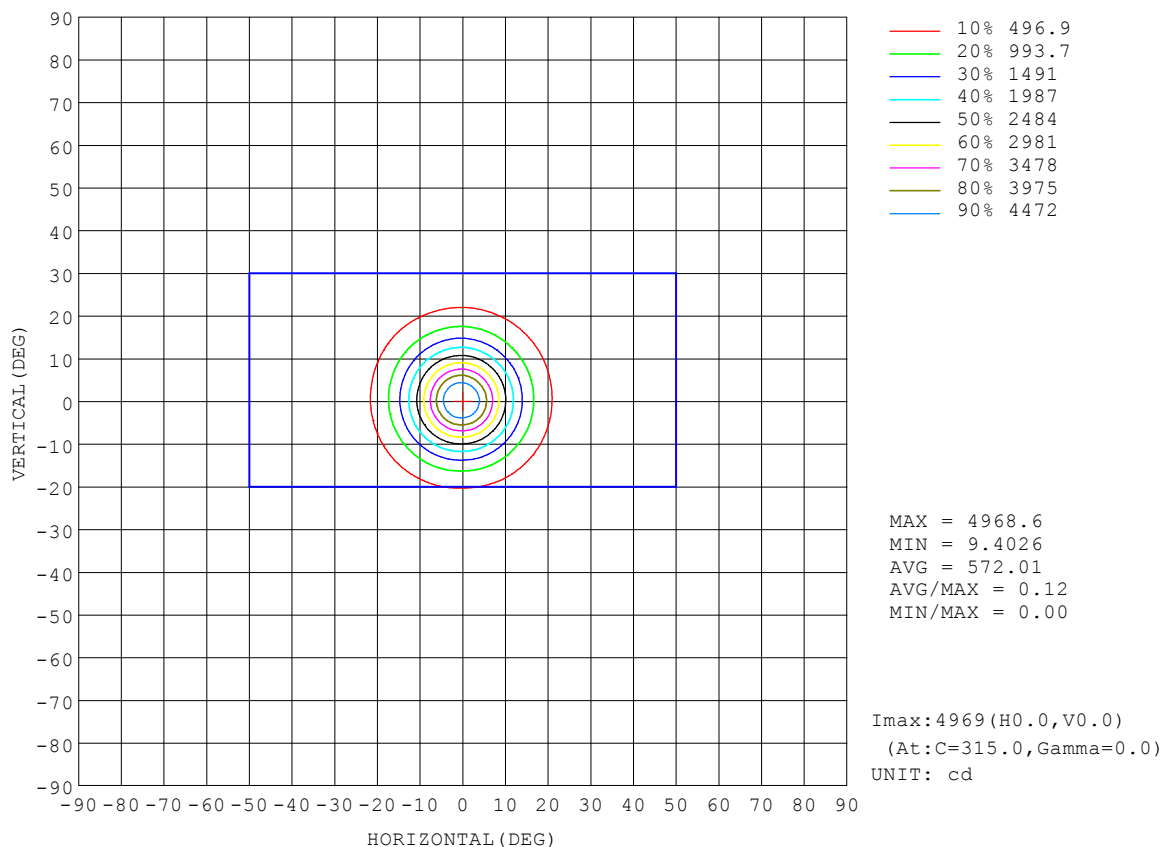
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 90 | 84 | 80 | 89 | 83 | 80 | 88 | 83 | 80 | 76 |
| 0.80 | 97 | 91 | 88 | 96 | 91 | 88 | 95 | 90 | 87 | 84 |
| 1.00 | 101 | 95 | 92 | 100 | 95 | 92 | 98 | 95 | 91 | 87 |
| 1.25 | 104 | 99 | 96 | 103 | 99 | 96 | 101 | 98 | 95 | 91 |
| 1.50 | 107 | 102 | 99 | 106 | 102 | 99 | 103 | 100 | 98 | 93 |
| 2.00 | 109 | 105 | 102 | 108 | 104 | 101 | 105 | 102 | 100 | 95 |
| 2.50 | 111 | 107 | 104 | 109 | 106 | 103 | 106 | 104 | 102 | 96 |
| 3.00 | 112 | 109 | 106 | 110 | 108 | 105 | 107 | 105 | 103 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 108 | 109 | 107 | 105 | 98 |
| 5.00 | 115 | 113 | 112 | 113 | 112 | 110 | 109 | 108 | 107 | 99 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2023-09-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
 Humidity: 65.0%
 Test Distance: 3.090m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

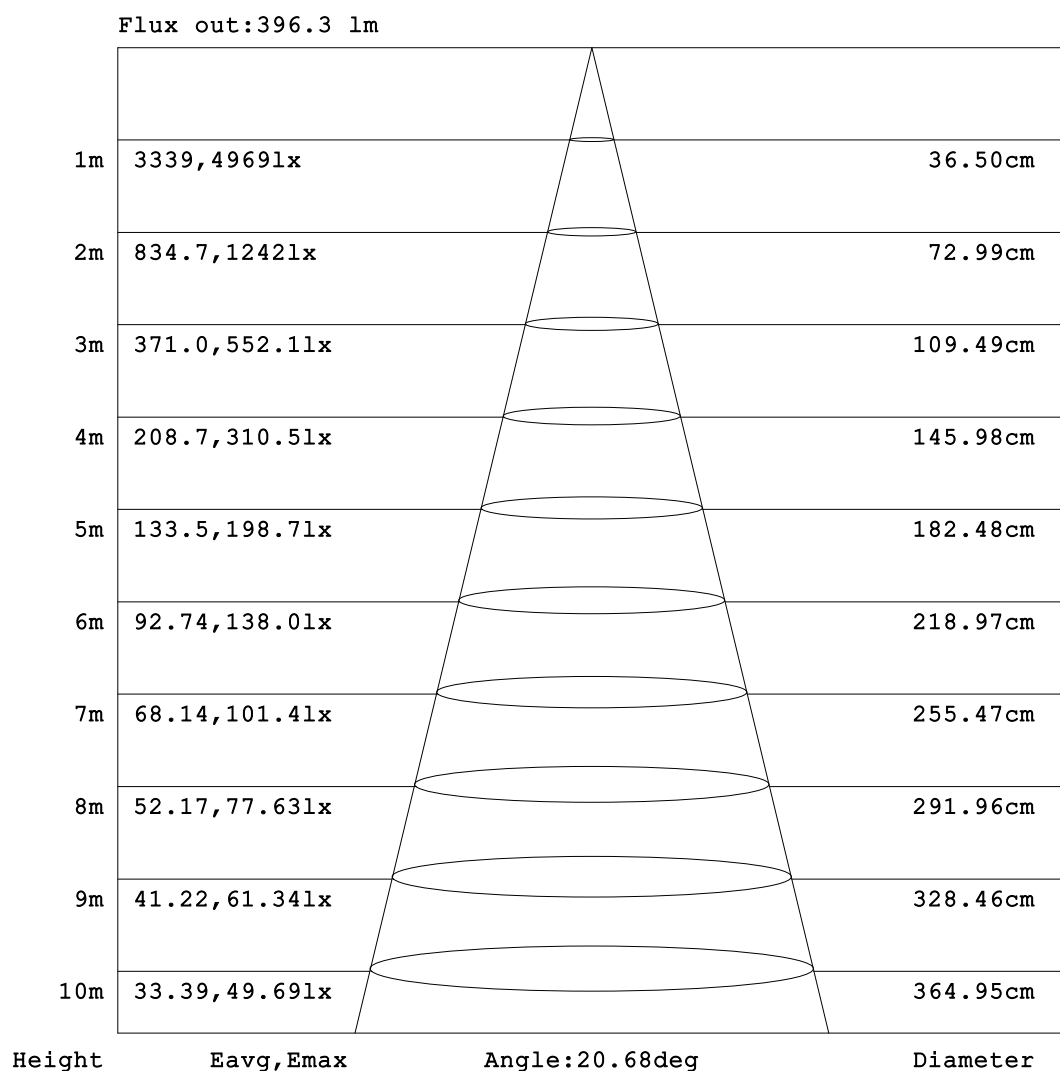


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |



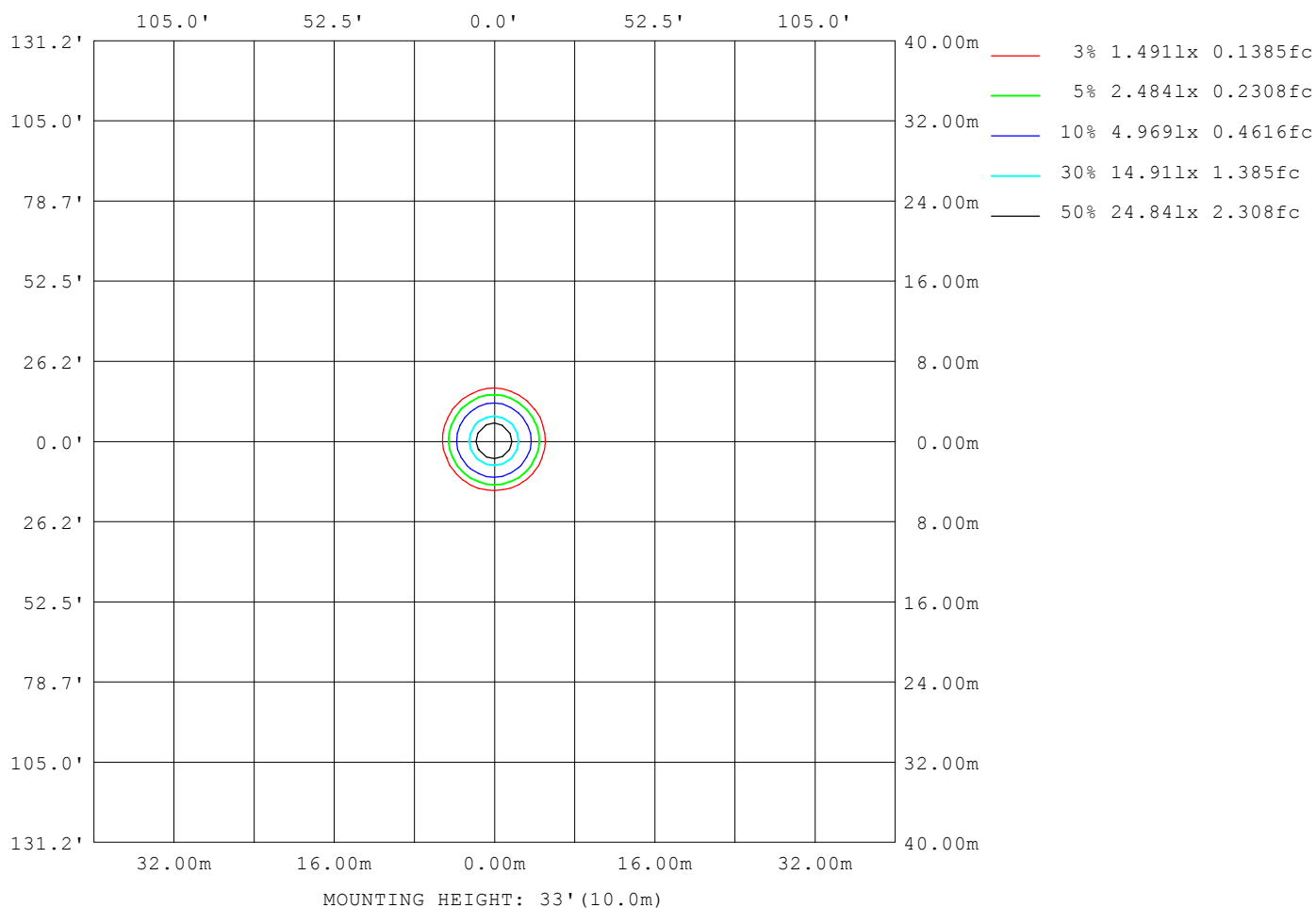
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0448A P:10.0W PF:0.9322 Freq:49.99Hz | | |
| UTHDi:0.18% ITHDi:19.42% KDisp:0.9508 Lamp Flux:930.799x1 lm | | |
| NAME: MD10-10-XX-01 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

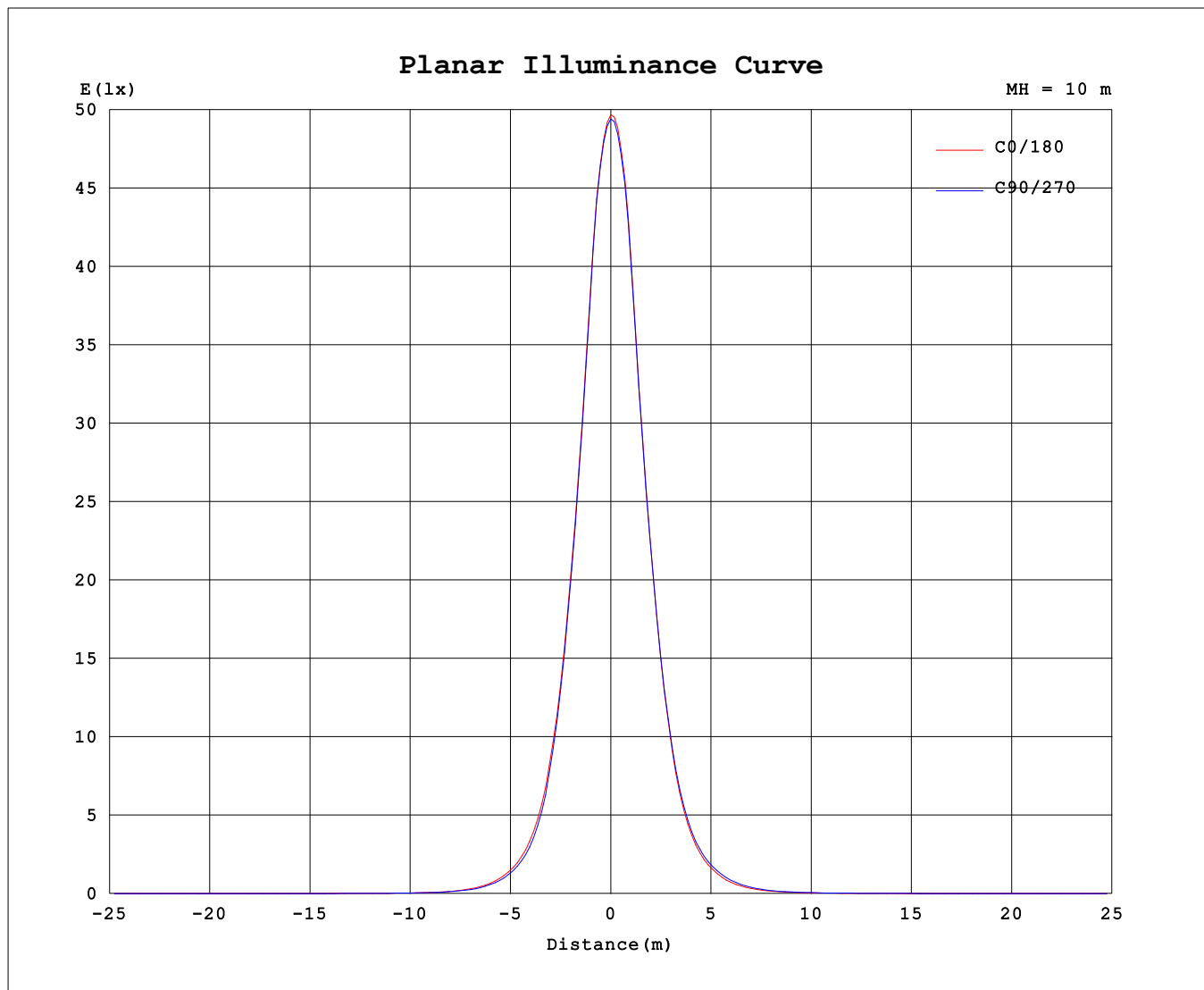
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 11897 |
| L_0~180 (75) av | 6481 |
| L_0~180 (85) av | 1312 |
| L_90~270 (65) av | 12071 |
| L_90~270 (75) av | 4822 |
| L_90~270 (85) av | 133 |
| L_45 (65) av | 12015 |
| L_45 (75) av | 6289 |
| L_45 (85) av | 180 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-14

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity: 65.0%
Test Distance: 3.090m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

```