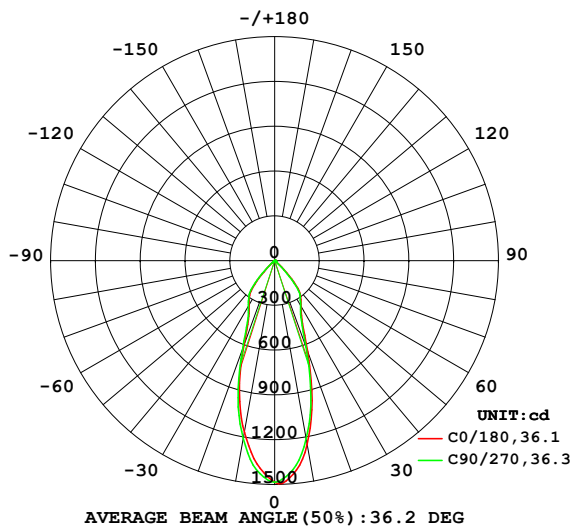


LUMINAIRE PHOTOMETRIC TEST REPORT

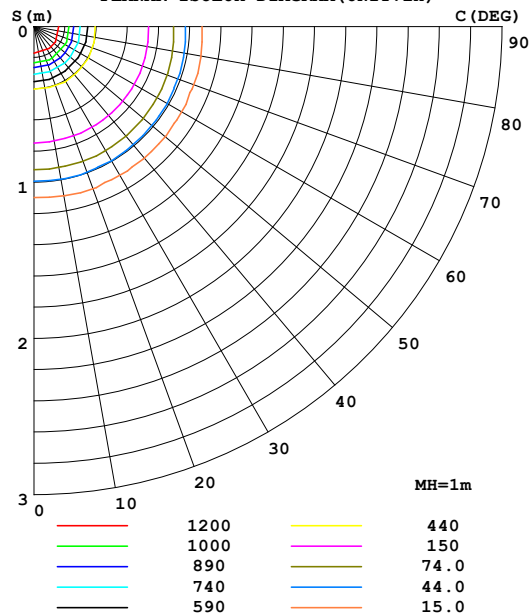
| | | |
|--|-------|------------------|
| Test:U:240.4V I:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 87.04 lm/W |
|------------------|--------|-----------------------|--------|-------------------|----------|-----------------|
| MODEL | | I _{max} (cd) | 1495 | S/MH(C0/180) | 0.58 | |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 0.60 | |
| RATED VOLTAGE(V) | 240 | TOTAL FLUX(lm) | 874.70 | η UP,DN(C0-180) | 0.0,50.4 | |
| NOMINAL FLUX(lm) | 874.7 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.6 | |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE(V) | 240.41 | η down (%) | 100.0 | CIBSE SHR MAX | 0.60 | |

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 | 1253 | 1258 | 1214 | 1179 | 1169 | 1170 | 1212 | 1249 | 0- 10 | 127.9 | 127.9 | 14.6,14.6 |
| 20 | 645.6 | 648.9 | 615.1 | 600.1 | 605.8 | 603.1 | 632.0 | 652.6 | 10- 20 | 256.1 | 384.1 | 43.9,43.9 |
| 30 | 355.1 | 355.9 | 348.0 | 343.9 | 344.3 | 345.5 | 353.4 | 356.1 | 20- 30 | 202.5 | 586.6 | 67.1,67.1 |
| 40 | 246.1 | 245.7 | 228.0 | 212.1 | 209.7 | 211.3 | 229.3 | 240.1 | 30- 40 | 185.9 | 772.5 | 88.3,88.3 |
| 50 | 19.11 | 21.93 | 18.35 | 19.41 | 20.65 | 19.76 | 20.98 | 19.80 | 40- 50 | 78.26 | 850.8 | 97.3,97.3 |
| 60 | 8.851 | 8.888 | 8.754 | 8.787 | 8.790 | 8.589 | 9.037 | 8.964 | 50- 60 | 11.91 | 862.7 | 98.6,98.6 |
| 70 | 4.372 | 4.348 | 4.548 | 4.662 | 4.743 | 4.375 | 4.367 | 4.335 | 60- 70 | 5.927 | 868.6 | 99.3,99.3 |
| 80 | 3.845 | 3.833 | 3.782 | 3.930 | 3.663 | 2.971 | 2.611 | 3.345 | 70- 80 | 4.949 | 873.5 | 99.9,99.9 |
| 90 | 0.0192 | 0.0055 | 0.0139 | 0.0077 | 0.0131 | 0.0109 | 0.0132 | 0.0145 | 80- 90 | 1.158 | 874.7 | 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): 832.07 lm

%lum = 95.1%

%lamp = 95.1%

Conical surface Flux(130deg): 866.12 lm

%lum = 99.0%

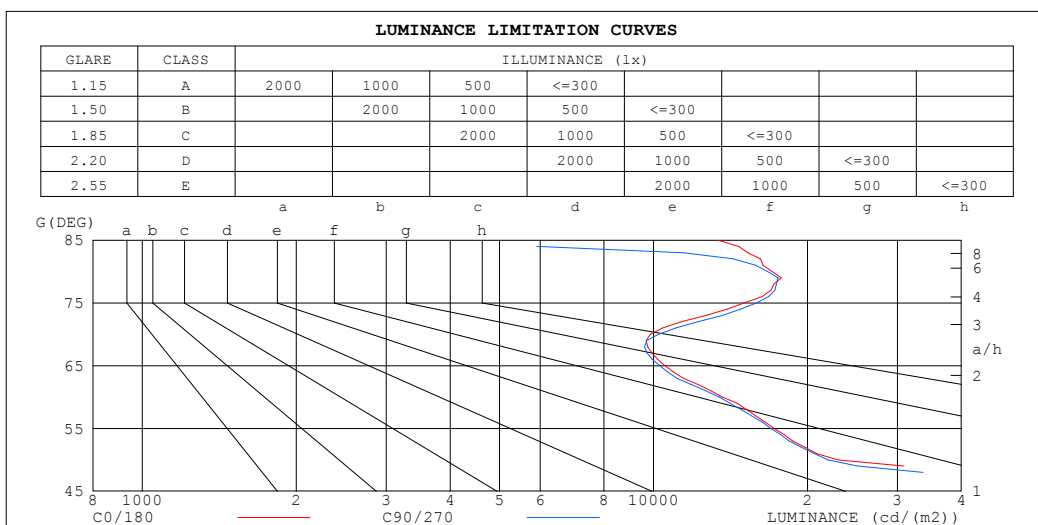
%lamp = 99.0%

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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 13382 | 439 |
| 80 | 17077 | 16735 |
| 75 | 15017 | 15888 |
| 70 | 9858 | 10216 |
| 65 | 10535 | 10295 |
| 60 | 13653 | 13452 |
| 55 | 17228 | 16978 |
| 50 | 22932 | 21935 |
| 45 | 123826 | 101700 |

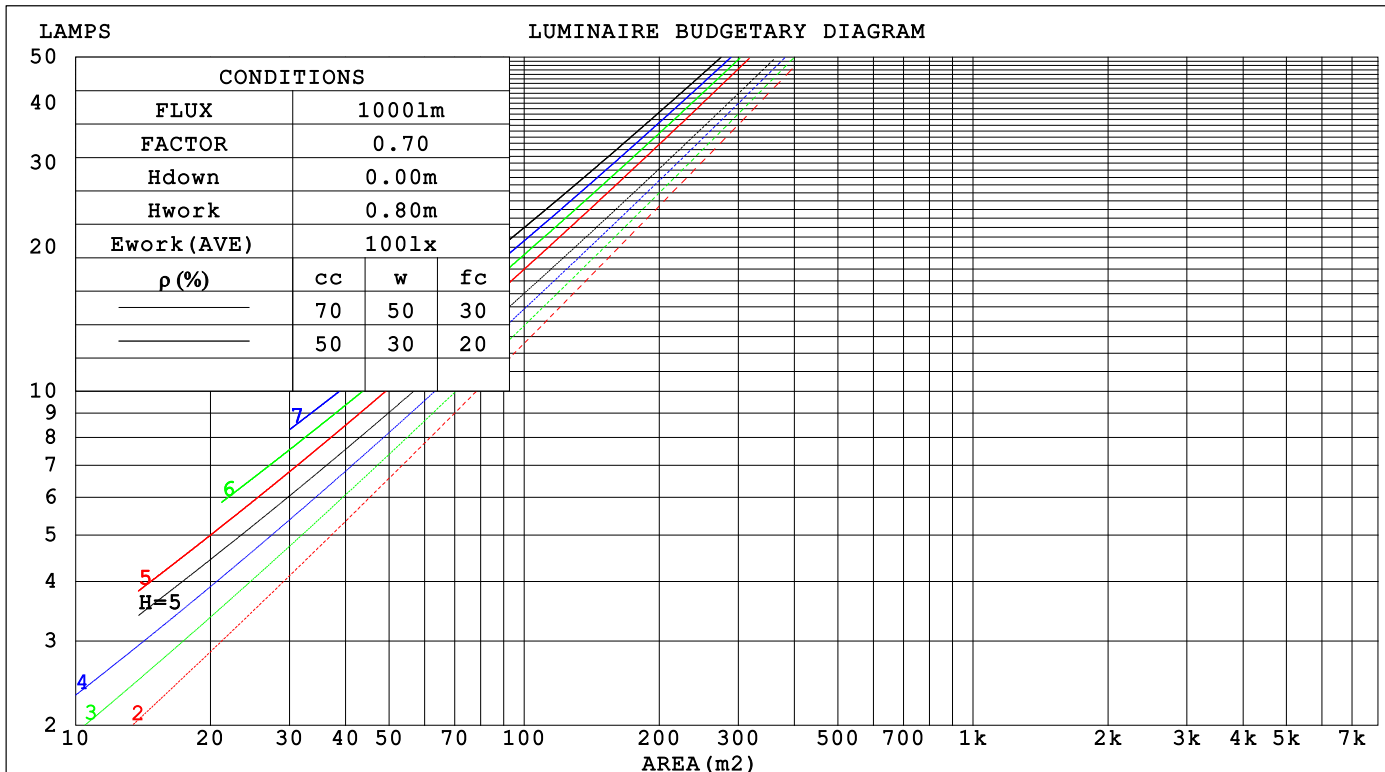
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | 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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 | | Lamp Flux:874.7x1 lm |
| NAME: MD10-10-XX-02 2700K RA90 38D | 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 | .181 | .103 | .033 | .174 | .099 | .032 | .162 | .093 | .030 | .150 | .086 | .028 | .139 | .081 | .026 | | |
| 2.0 | .173 | .095 | .029 | .167 | .092 | .028 | .157 | .087 | .027 | .147 | .082 | .026 | .138 | .078 | .025 | | |
| 3.0 | .164 | .087 | .026 | .159 | .085 | .026 | .150 | .081 | .025 | .142 | .078 | .024 | .134 | .074 | .023 | | |
| 4.0 | .156 | .081 | .024 | .152 | .079 | .023 | .144 | .076 | .023 | .137 | .073 | .022 | .130 | .071 | .021 | | |
| 5.0 | .148 | .076 | .022 | .145 | .074 | .022 | .138 | .072 | .021 | .131 | .069 | .021 | .125 | .067 | .020 | | |
| 6.0 | .141 | .071 | .020 | .138 | .070 | .020 | .132 | .068 | .020 | .126 | .066 | .019 | .121 | .064 | .019 | | |
| 7.0 | .134 | .066 | .019 | .132 | .066 | .019 | .126 | .064 | .018 | .121 | .062 | .018 | .117 | .061 | .018 | | |
| 8.0 | .128 | .063 | .018 | .126 | .062 | .018 | .121 | .061 | .017 | .117 | .059 | .017 | .113 | .058 | .017 | | |
| 9.0 | .123 | .059 | .017 | .121 | .059 | .016 | .116 | .057 | .016 | .112 | .056 | .016 | .108 | .055 | .016 | | |
| 10.0 | .117 | .056 | .016 | .115 | .056 | .016 | .112 | .055 | .015 | .108 | .054 | .015 | .105 | .053 | .015 | | |

| 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 | .171 | .157 | .145 | .147 | .135 | .124 | .100 | .093 | .086 | .058 | .054 | .050 | .018 | .017 | .016 | | |
| 2.0 | .156 | .132 | .112 | .134 | .114 | .097 | .092 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 | | |
| 3.0 | .144 | .114 | .089 | .124 | .098 | .077 | .085 | .068 | .054 | .049 | .040 | .032 | .016 | .013 | .010 | | |
| 4.0 | .134 | .099 | .072 | .115 | .085 | .063 | .079 | .060 | .044 | .046 | .035 | .026 | .015 | .011 | .009 | | |
| 5.0 | .125 | .087 | .059 | .107 | .076 | .052 | .074 | .053 | .036 | .043 | .031 | .022 | .014 | .010 | .007 | | |
| 6.0 | .118 | .078 | .050 | .101 | .068 | .043 | .070 | .047 | .031 | .040 | .028 | .018 | .013 | .009 | .006 | | |
| 7.0 | .111 | .070 | .042 | .096 | .061 | .037 | .066 | .043 | .026 | .038 | .025 | .015 | .012 | .008 | .005 | | |
| 8.0 | .105 | .064 | .036 | .091 | .056 | .031 | .063 | .039 | .022 | .036 | .023 | .013 | .012 | .008 | .004 | | |
| 9.0 | .100 | .059 | .031 | .086 | .051 | .027 | .060 | .036 | .019 | .035 | .021 | .012 | .011 | .007 | .004 | | |
| 10.0 | .095 | .055 | .027 | .082 | .047 | .024 | .057 | .033 | .017 | .033 | .020 | .010 | .011 | .006 | .003 | | |

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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz UTHDi:0.22% ITHDi:20.15% KDisp:0.9494Lamp Flux:874.7x1 lm | | | | | | | | | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | | | | | | 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 | 24.7 | 25.7 | 24.9 | 25.8 | 26.0 | 24.5 | 25.4 | 24.7 | 25.6 | 25.7 |
| 3H | 24.6 | 25.5 | 24.8 | 25.7 | 25.9 | 24.3 | 25.2 | 24.6 | 25.4 | 25.6 |
| 4H | 24.6 | 25.4 | 24.8 | 25.6 | 25.8 | 24.3 | 25.1 | 24.6 | 25.4 | 25.6 |
| 6H | 24.6 | 25.3 | 24.9 | 25.6 | 25.8 | 24.3 | 25.1 | 24.6 | 25.3 | 25.6 |
| 8H | 24.6 | 25.3 | 24.9 | 25.6 | 25.8 | 24.3 | 25.1 | 24.6 | 25.3 | 25.6 |
| 12H | 24.5 | 25.2 | 24.9 | 25.5 | 25.8 | 24.3 | 25.0 | 24.6 | 25.3 | 25.5 |
| 4H 2H | 24.5 | 25.3 | 24.8 | 25.5 | 25.8 | 24.2 | 25.1 | 24.5 | 25.3 | 25.5 |
| 3H | 24.4 | 25.1 | 24.7 | 25.4 | 25.6 | 24.1 | 24.8 | 24.4 | 25.1 | 25.4 |
| 4H | 24.4 | 25.0 | 24.7 | 25.3 | 25.6 | 24.1 | 24.8 | 24.5 | 25.1 | 25.4 |
| 6H | 24.4 | 25.0 | 24.8 | 25.3 | 25.7 | 24.2 | 24.8 | 24.6 | 25.1 | 25.5 |
| 8H | 24.5 | 25.0 | 24.8 | 25.3 | 25.7 | 24.2 | 24.8 | 24.6 | 25.1 | 25.5 |
| 12H | 24.4 | 24.9 | 24.9 | 25.3 | 25.7 | 24.2 | 24.7 | 24.6 | 25.0 | 25.4 |
| 8H 4H | 24.3 | 24.8 | 24.7 | 25.2 | 25.5 | 24.1 | 24.6 | 24.5 | 24.9 | 25.3 |
| 6H | 24.4 | 24.8 | 24.8 | 25.2 | 25.7 | 24.2 | 24.6 | 24.6 | 25.0 | 25.4 |
| 8H | 24.5 | 24.8 | 24.9 | 25.3 | 25.7 | 24.2 | 24.6 | 24.7 | 25.0 | 25.5 |
| 12H | 24.5 | 24.8 | 24.9 | 25.2 | 25.7 | 24.2 | 24.5 | 24.7 | 25.0 | 25.4 |
| 12H 4H | 24.3 | 24.7 | 24.7 | 25.1 | 25.5 | 24.0 | 24.5 | 24.4 | 24.9 | 25.3 |
| 6H | 24.4 | 24.8 | 24.8 | 25.2 | 25.6 | 24.2 | 24.6 | 24.6 | 25.0 | 25.4 |
| 8H | 24.4 | 24.8 | 24.9 | 25.2 | 25.7 | 24.2 | 24.6 | 24.7 | 25.0 | 25.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 2.3 / - 6.6 | | | | | + 2.3 / - 6.5 | | | | |
| 1.5H | + 4.2 / - 6.7 | | | | | + 4.3 / - 6.4 | | | | |
| 2.0H | + 6.4 / - 2.6 | | | | | + 5.7 / - 2.1 | | | | |

CIE Pub.117, 874.7 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.5)
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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

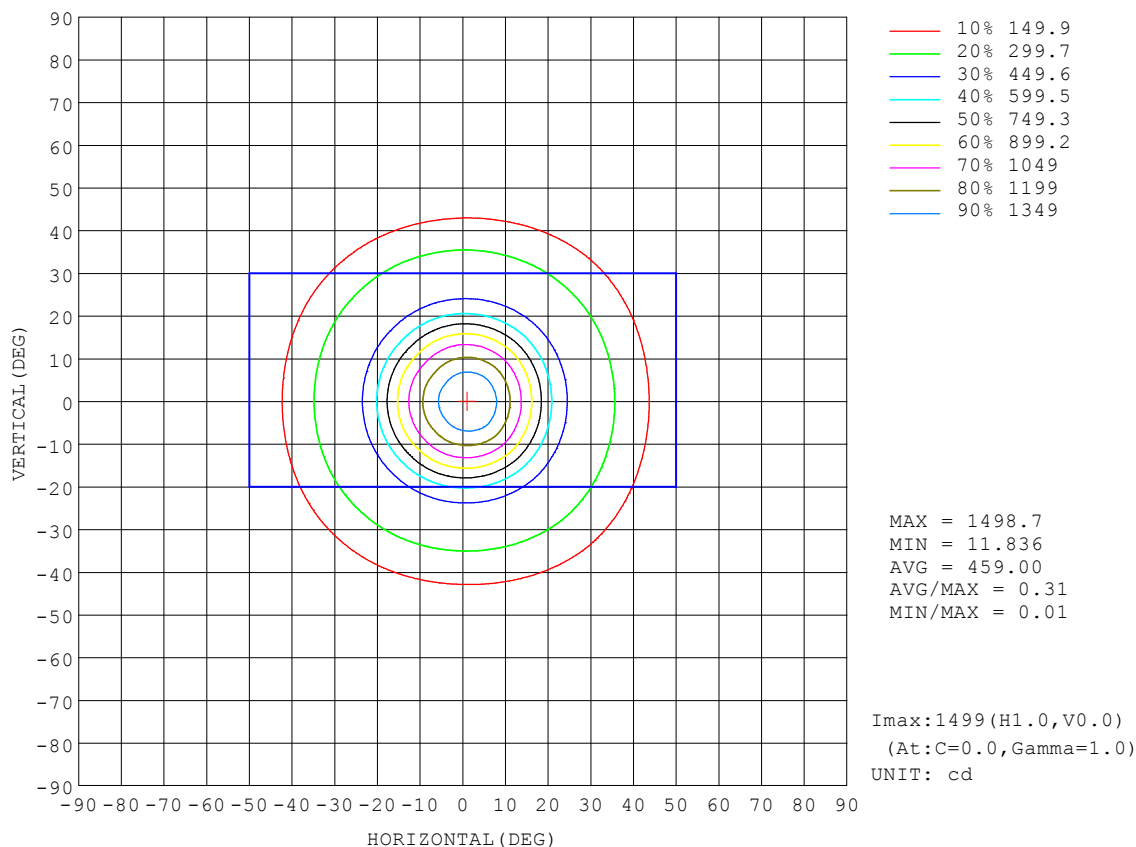
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 84 | 77 | 73 | 84 | 77 | 73 | 83 | 77 | 73 | 69 |
| 0.80 | 92 | 86 | 82 | 91 | 85 | 82 | 90 | 85 | 81 | 77 |
| 1.00 | 97 | 91 | 87 | 96 | 91 | 87 | 95 | 91 | 86 | 82 |
| 1.25 | 102 | 96 | 92 | 101 | 95 | 92 | 99 | 94 | 91 | 87 |
| 1.50 | 105 | 99 | 96 | 103 | 99 | 95 | 101 | 97 | 94 | 90 |
| 2.00 | 108 | 103 | 100 | 106 | 102 | 99 | 103 | 100 | 97 | 92 |
| 2.50 | 109 | 105 | 102 | 108 | 104 | 101 | 105 | 102 | 99 | 93 |
| 3.00 | 111 | 107 | 105 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 4.00 | 113 | 110 | 108 | 111 | 109 | 106 | 107 | 105 | 104 | 97 |
| 5.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

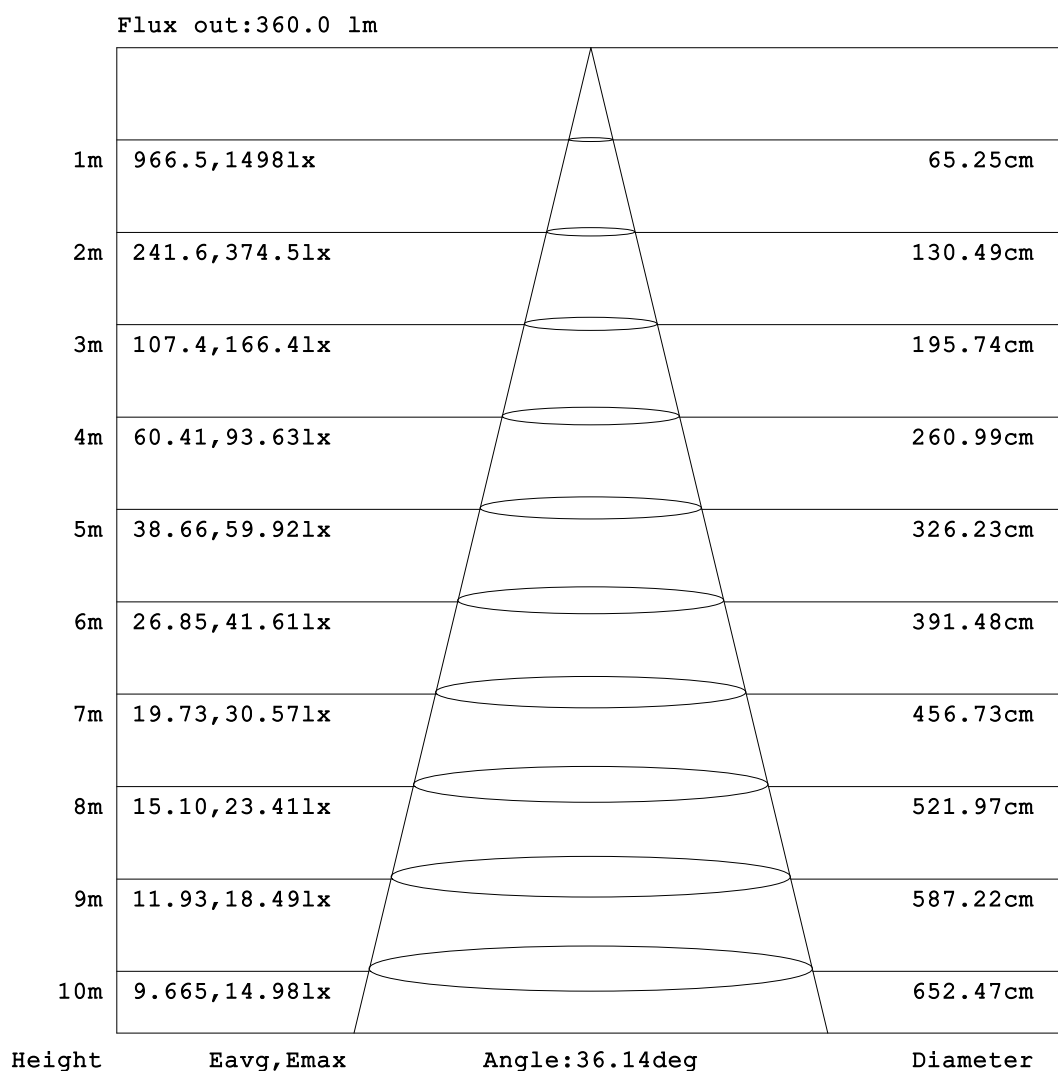


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-14

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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |



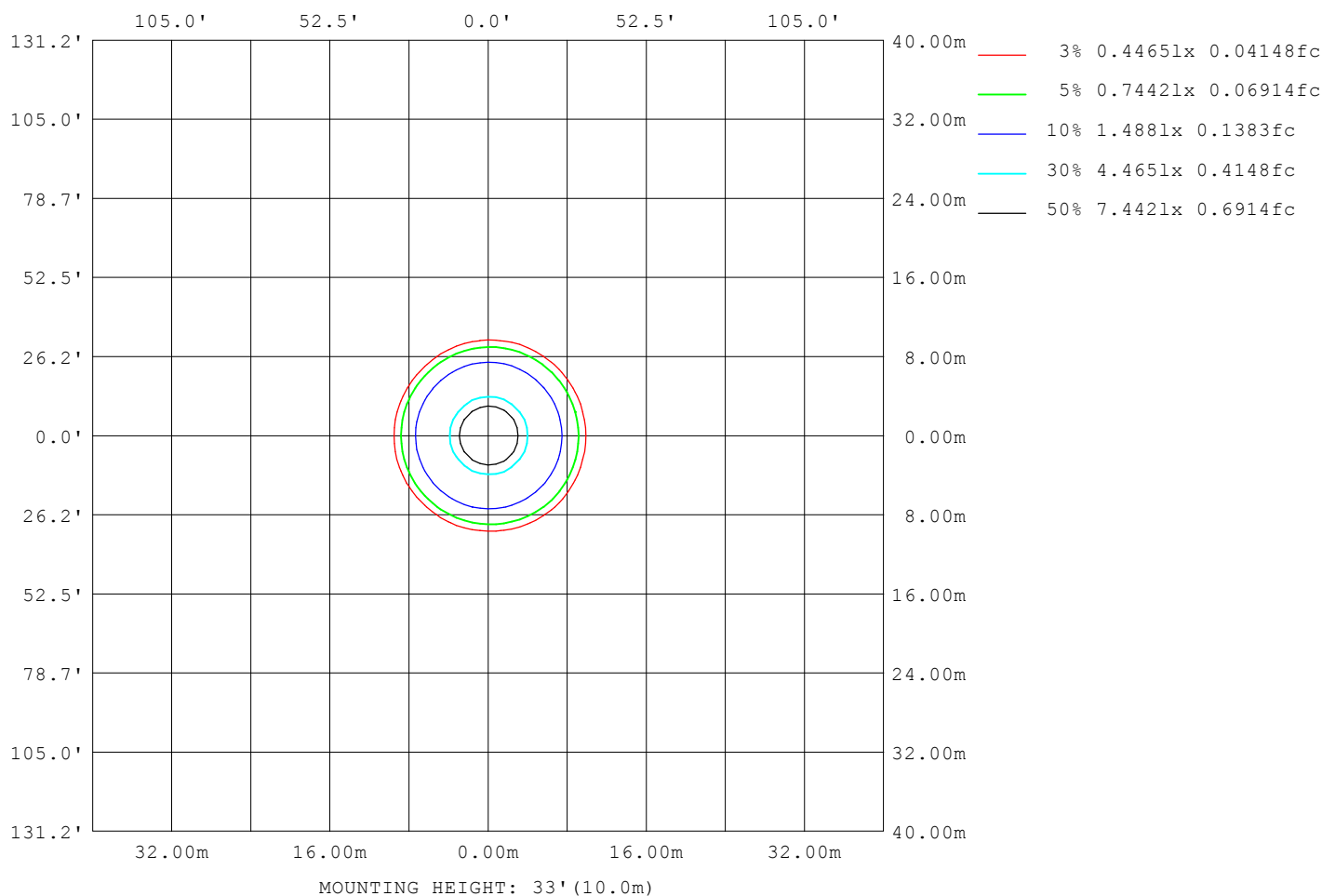
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz | | |
| UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | 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:0.0449A P:10.0W PF:0.9318 Freq:49.99Hz UTHDi:0.22% ITHDi:20.15% KDisp:0.9494 Lamp Flux:874.7x1 lm | | |
| NAME: MD10-10-XX-02 2700K RA90 38D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: Norming Lighting | SUR.: | Shielding Angle: |

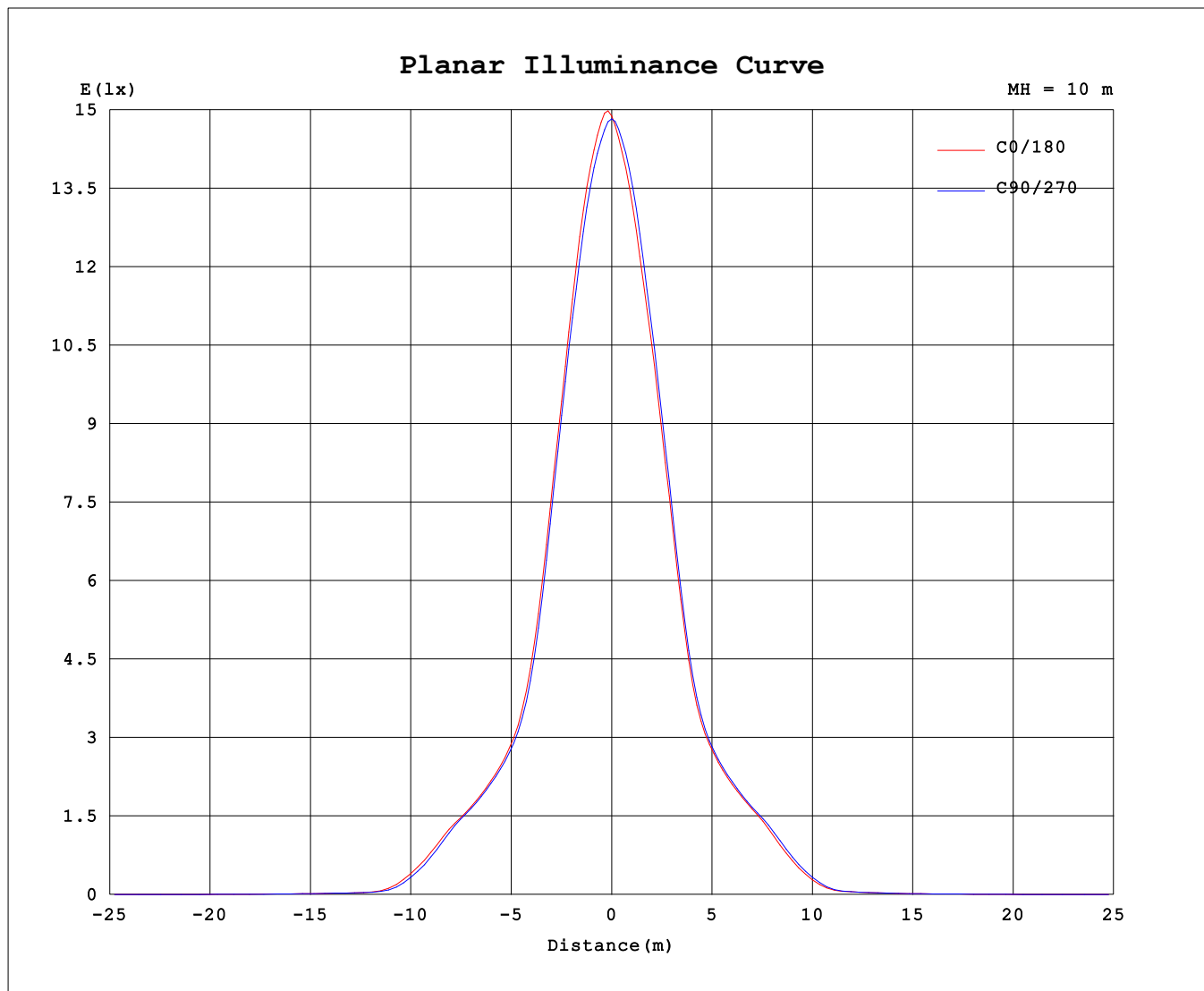
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 10377 |
| L_0~180 (75) av | 15298 |
| L_0~180 (85) av | 13522 |
| L_90~270 (65) av | 10377 |
| L_90~270 (75) av | 15248 |
| L_90~270 (85) av | 298 |
| L_45 (65) av | 10340 |
| L_45 (75) av | 15207 |
| L_45 (85) av | 2224 |

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:

```