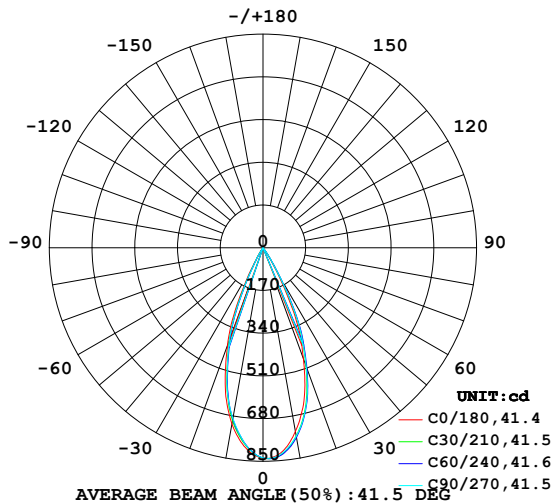


LUMINAIRE PHOTOMETRIC TEST REPORT

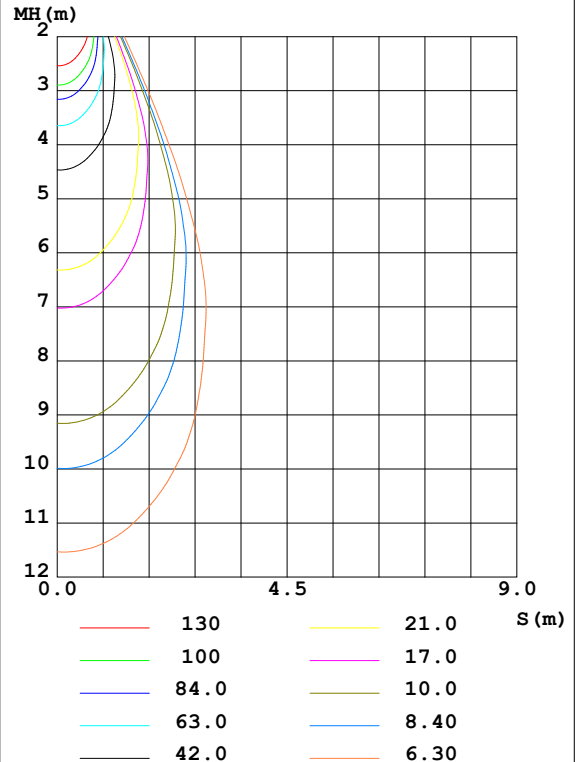
| | | | | | |
|---|--|--|------------|--|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | | | | |
| NAME: LYRA BLACK | | | TYPE:4000K | | WEIGHT: |
| SPEC.: | | | DIM.: | | SERIAL No.: |
| MFR.: | | | SUR.: | | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 75.00 lm/W | | | |
|-------------------|--------|----------------------------------|--------|--------------------|----------|
| MODEL | | I _{max} (cd) | 840.0 | S/MH (C0/180) | 0.63 |
| NOMINAL POWER (W) | 5 | LOR (%) | 100.0 | S/MH (C90/270) | 0.61 |
| RATED VOLTAGE (V) | 230 | TOTAL FLUX (lm) | 373.85 | η UP,DN (C0-180) | 0.0,55.4 |
| NOMINAL FLUX (lm) | 373.85 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,44.6 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE (V) | 230.4 | η down (%) | 100.0 | CIBSE SHR MAX | 0.65 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [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 | 742.8 | 768.0 | 761.9 | 743.0 | 712.5 | 689.3 | 689.9 | 705.8 | 0- 10 | 74.36 | 74.36 | 19.9,19.9 |
| 20 | 471.1 | 513.9 | 504.4 | 467.3 | 412.7 | 381.3 | 391.4 | 419.3 | 10- 20 | 165.1 | 239.5 | 64.1,64.1 |
| 30 | 107.3 | 148.3 | 137.7 | 102.4 | 64.49 | 47.62 | 49.81 | 63.76 | 20- 30 | 117.3 | 356.8 | 95.4,95.4 |
| 40 | 1.698 | 5.138 | 5.112 | 3.170 | 0 | 0 | 0 | 0 | 30- 40 | 16.93 | 373.7 | 100,100 |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40- 50 | 0.1285 | 373.8 | 100,100 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50- 60 | 0 | 373.8 | 100,100 |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60- 70 | 0 | 373.8 | 100,100 |
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70- 80 | 0 | 373.8 | 100,100 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0 | 373.8 | 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): 373.85 lm

%lum = 100.0%

%lamp = 100.0%

Conical surface Flux(120deg): 373.85 lm

%lum = 100.0%

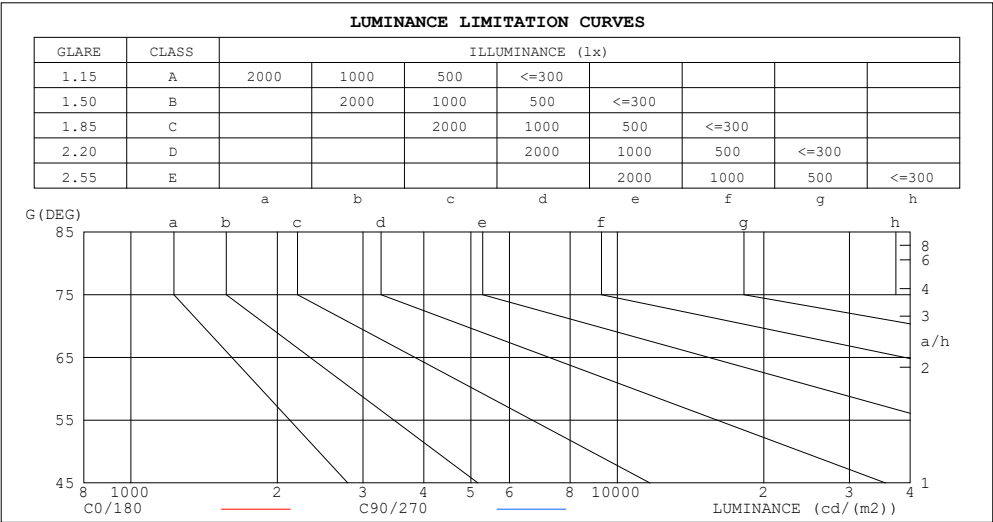
%lamp = 100.0%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Bob
 Test Date:2023-09-11

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
 Humidity:65.0%
 Test Distance:7.030m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 0 | 0 |
| 80 | 0 | 0 |
| 75 | 0 | 0 |
| 70 | 0 | 0 |
| 65 | 0 | 0 |
| 60 | 0 | 0 |
| 55 | 0 | 0 |
| 50 | 0 | 0 |
| 45 | 0 | 0 |

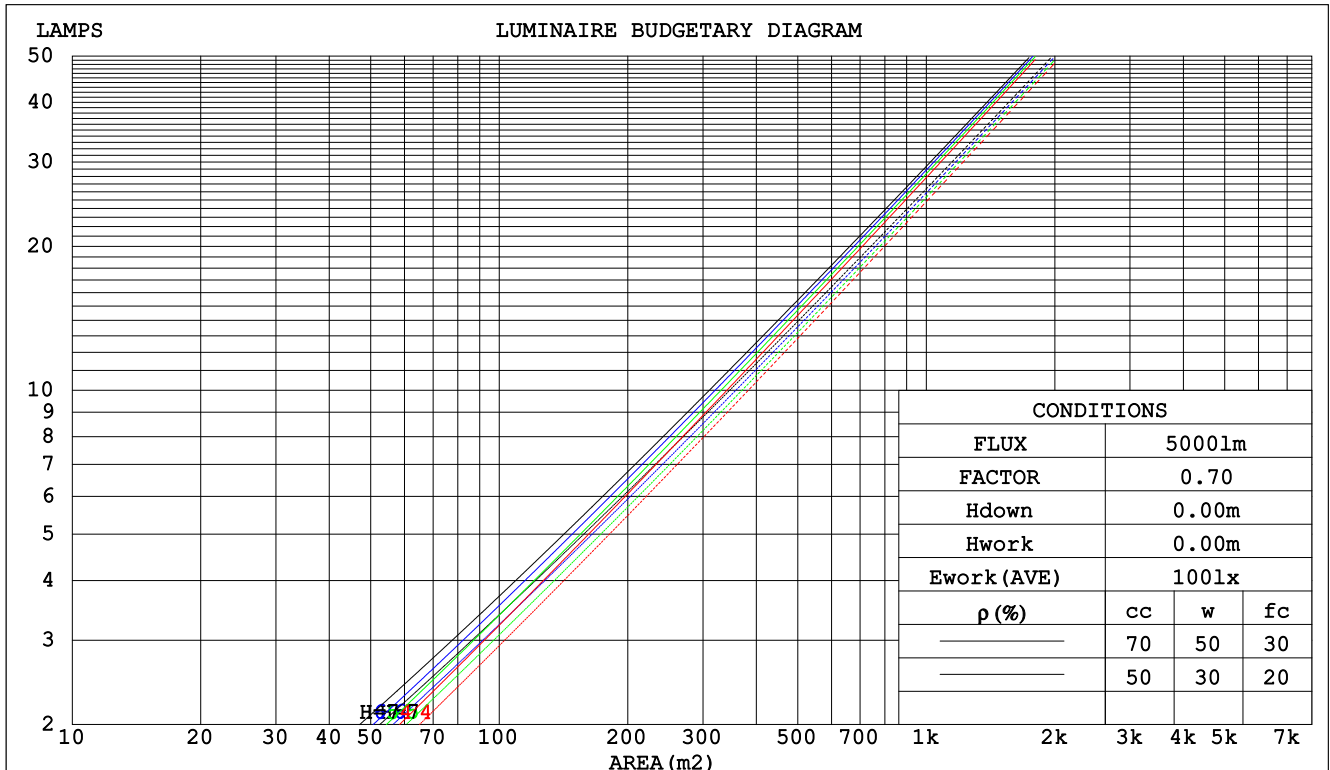
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | 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 | | | | | | 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 | 1.00 |
| 1.0 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.07 | 1.06 | 1.05 | 1.03 | 1.02 | 1.01 | 1.00 | .99 | .98 | .97 | .96 |
| 2.0 | 1.06 | 1.03 | 1.00 | 1.05 | 1.02 | .99 | 1.01 | .99 | .97 | .99 | .97 | .95 | .96 | .94 | .93 | .91 |
| 3.0 | 1.01 | .97 | .94 | .90 | .96 | .93 | .97 | .94 | .92 | .95 | .92 | .90 | .93 | .91 | .89 | .87 |
| 4.0 | .96 | .92 | .88 | .95 | .91 | .88 | .93 | .90 | .87 | .91 | .88 | .86 | .89 | .87 | .85 | .84 |
| 5.0 | .92 | .87 | .84 | .91 | .87 | .83 | .89 | .86 | .83 | .88 | .84 | .82 | .86 | .84 | .81 | .80 |
| 6.0 | .88 | .83 | .80 | .87 | .83 | .79 | .86 | .82 | .79 | .84 | .81 | .78 | .83 | .80 | .78 | .77 |
| 7.0 | .84 | .79 | .76 | .84 | .79 | .76 | .82 | .78 | .75 | .81 | .78 | .75 | .80 | .77 | .75 | .74 |
| 8.0 | .81 | .76 | .73 | .80 | .76 | .73 | .79 | .75 | .72 | .78 | .75 | .72 | .77 | .74 | .72 | .71 |
| 9.0 | .78 | .73 | .70 | .77 | .73 | .70 | .76 | .72 | .69 | .75 | .72 | .69 | .75 | .71 | .69 | .68 |
| 10.0 | .75 | .70 | .67 | .74 | .70 | .67 | .74 | .69 | .67 | .73 | .69 | .66 | .72 | .69 | .66 | .65 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | | |
|---|--|--|--|--|------------|--|--|------------------|--|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | | | | | | | | |
| NAME: LYRA BLACK | | | | | TYPE:4000K | | | WEIGHT: | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | |
| MFR.: | | | | | 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 | .149 | .085 | .027 | .143 | .081 | .026 | .130 | .075 | .024 | .119 | .069 | .022 | .108 | .063 | .020 | |
| 2.0 | .140 | .077 | .024 | .134 | .074 | .023 | .124 | .069 | .021 | .115 | .064 | .020 | .106 | .060 | .019 | |
| 3.0 | .132 | .070 | .021 | .127 | .068 | .020 | .118 | .064 | .019 | .110 | .060 | .019 | .103 | .057 | .018 | |
| 4.0 | .124 | .065 | .019 | .121 | .063 | .019 | .113 | .060 | .018 | .106 | .057 | .017 | .100 | .054 | .017 | |
| 5.0 | .118 | .060 | .017 | .115 | .059 | .017 | .109 | .057 | .017 | .103 | .054 | .016 | .097 | .052 | .016 | |
| 6.0 | .113 | .056 | .016 | .110 | .055 | .016 | .104 | .053 | .016 | .099 | .052 | .015 | .094 | .050 | .015 | |
| 7.0 | .108 | .053 | .015 | .105 | .052 | .015 | .100 | .051 | .015 | .096 | .049 | .014 | .092 | .048 | .014 | |
| 8.0 | .103 | .050 | .014 | .101 | .050 | .014 | .097 | .048 | .014 | .093 | .047 | .014 | .089 | .046 | .013 | |
| 9.0 | .099 | .048 | .013 | .097 | .047 | .013 | .093 | .046 | .013 | .090 | .045 | .013 | .086 | .044 | .013 | |
| 10.0 | .095 | .046 | .013 | .094 | .045 | .013 | .090 | .044 | .012 | .087 | .043 | .012 | .084 | .042 | .012 | |

| 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 | .147 | .145 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .152 | .133 | .116 | .130 | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .138 | .113 | .094 | .118 | .098 | .081 | .081 | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .126 | .098 | .077 | .108 | .085 | .067 | .074 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .116 | .086 | .064 | .100 | .075 | .056 | .069 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .108 | .076 | .054 | .093 | .066 | .047 | .064 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .006 | |
| 7.0 | .101 | .068 | .046 | .087 | .059 | .040 | .060 | .042 | .028 | .035 | .025 | .017 | .011 | .008 | .006 | |
| 8.0 | .095 | .062 | .039 | .082 | .054 | .034 | .057 | .038 | .024 | .033 | .022 | .014 | .011 | .007 | .005 | |
| 9.0 | .090 | .056 | .034 | .077 | .049 | .030 | .054 | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .085 | .052 | .030 | .073 | .045 | .026 | .051 | .032 | .018 | .030 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|----------------|------------------|------|------|------------|----------------|----------------|------------------|------|------|------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | | | | | | | | | | |
| NAME: LYRA BLACK | | | | | TYPE:4000K | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | 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 | | 16.4 | 17.2 | 16.6 | 17.3 | 17.5 | 17.8 | 18.5 | 18.0 | 18.7 | 18.8 |
| | 3H | 16.3 | 16.9 | 16.5 | 17.1 | 17.3 | 17.6 | 18.3 | 17.9 | 18.5 | 18.7 |
| | 4H | 16.2 | 16.8 | 16.4 | 17.0 | 17.3 | 17.6 | 18.2 | 17.8 | 18.4 | 18.6 |
| | 6H | 16.1 | 16.7 | 16.4 | 16.9 | 17.2 | 17.5 | 18.1 | 17.8 | 18.3 | 18.6 |
| | 8H | 16.0 | 16.6 | 16.3 | 16.9 | 17.1 | 17.4 | 18.0 | 17.7 | 18.3 | 18.5 |
| | 12H | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 | 17.4 | 17.9 | 17.7 | 18.2 | 18.5 |
| 4H | 2H | 16.2 | 16.8 | 16.4 | 17.0 | 17.3 | 17.6 | 18.2 | 17.8 | 18.4 | 18.6 |
| | 3H | 16.0 | 16.6 | 16.3 | 16.8 | 17.1 | 17.4 | 17.9 | 17.7 | 18.2 | 18.5 |
| | 4H | 15.9 | 16.4 | 16.2 | 16.7 | 17.0 | 17.3 | 17.8 | 17.6 | 18.1 | 18.4 |
| | 6H | 15.8 | 16.3 | 16.2 | 16.6 | 16.9 | 17.2 | 17.6 | 17.6 | 18.0 | 18.3 |
| | 8H | 15.8 | 16.2 | 16.1 | 16.5 | 16.9 | 17.1 | 17.6 | 17.5 | 17.9 | 18.3 |
| | 12H | 15.7 | 16.1 | 16.1 | 16.5 | 16.8 | 17.1 | 17.5 | 17.5 | 17.8 | 18.2 |
| 8H | 4H | 15.8 | 16.2 | 16.1 | 16.5 | 16.9 | 17.1 | 17.6 | 17.5 | 17.9 | 18.3 |
| | 6H | 15.6 | 16.0 | 16.1 | 16.4 | 16.8 | 17.0 | 17.4 | 17.4 | 17.8 | 18.2 |
| | 8H | 15.6 | 15.9 | 16.0 | 16.3 | 16.7 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| | 12H | 15.5 | 15.8 | 16.0 | 16.2 | 16.7 | 16.9 | 17.2 | 17.4 | 17.6 | 18.1 |
| 12H | 4H | 15.7 | 16.1 | 16.1 | 16.5 | 16.8 | 17.1 | 17.5 | 17.5 | 17.8 | 18.2 |
| | 6H | 15.6 | 15.9 | 16.0 | 16.3 | 16.7 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| | 8H | 15.5 | 15.8 | 16.0 | 16.2 | 16.7 | 16.9 | 17.2 | 17.4 | 17.6 | 18.1 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 4.2 / - 1.\$ | | | | | + 5.2 / - 1.\$ | | | | | |
| 1.5H | + 7.0 / - 1.\$ | | | | | + 8.0 / - 1.\$ | | | | | |
| 2.0H | + 0.0 / - 0.0 | | | | | + 0.0 / - 0.0 | | | | | |

CIE Pub.117, 373.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.4)
Area: 0.00080384 m2

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

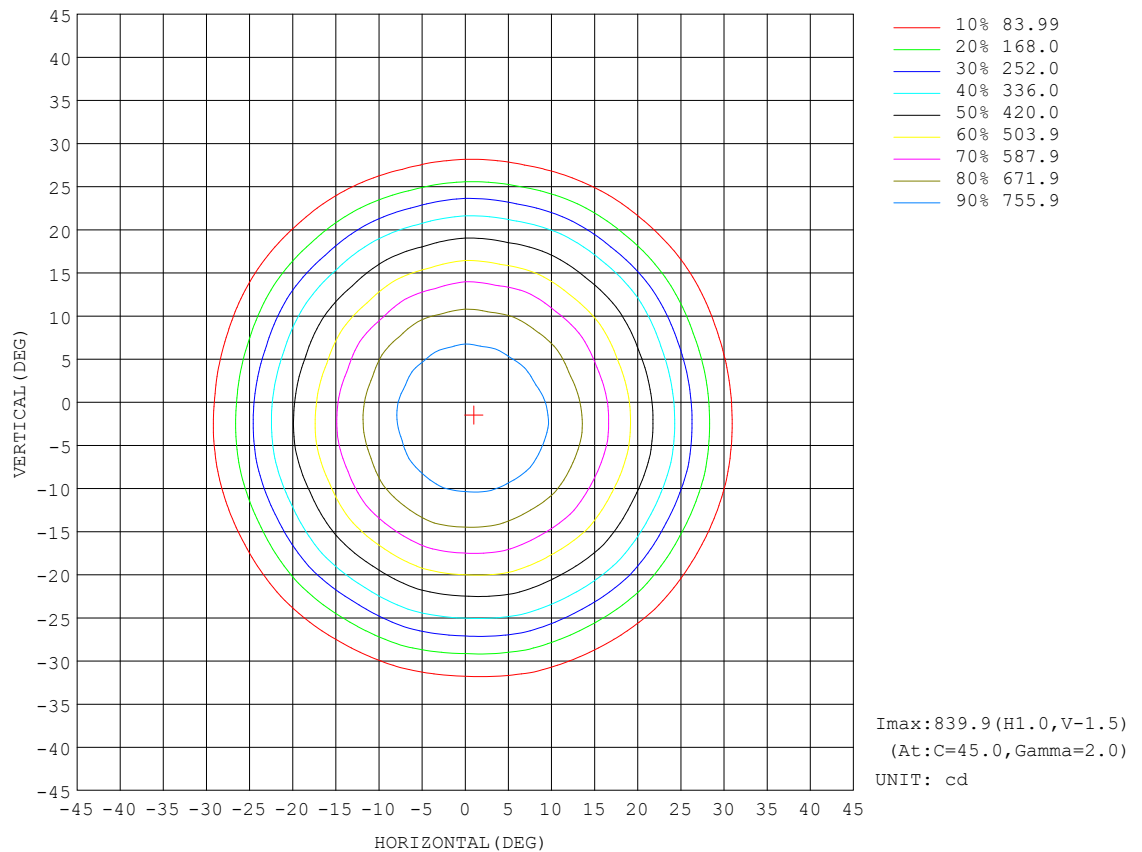
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 92 | 86 | 83 | 91 | 86 | 83 | 90 | 85 | 82 | 79 |
| 0.80 | 98 | 93 | 90 | 98 | 93 | 90 | 97 | 92 | 90 | 86 |
| 1.00 | 102 | 97 | 94 | 101 | 97 | 94 | 100 | 96 | 93 | 90 |
| 1.25 | 106 | 101 | 98 | 105 | 100 | 98 | 103 | 99 | 97 | 93 |
| 1.50 | 108 | 104 | 101 | 107 | 103 | 100 | 105 | 102 | 99 | 95 |
| 2.00 | 110 | 106 | 103 | 109 | 105 | 103 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 107 | 105 | 107 | 105 | 103 | 97 |
| 3.00 | 113 | 110 | 107 | 111 | 108 | 106 | 108 | 106 | 104 | 98 |
| 4.00 | 115 | 112 | 110 | 113 | 111 | 109 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 114 | 112 | 111 | 110 | 109 | 108 | 100 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

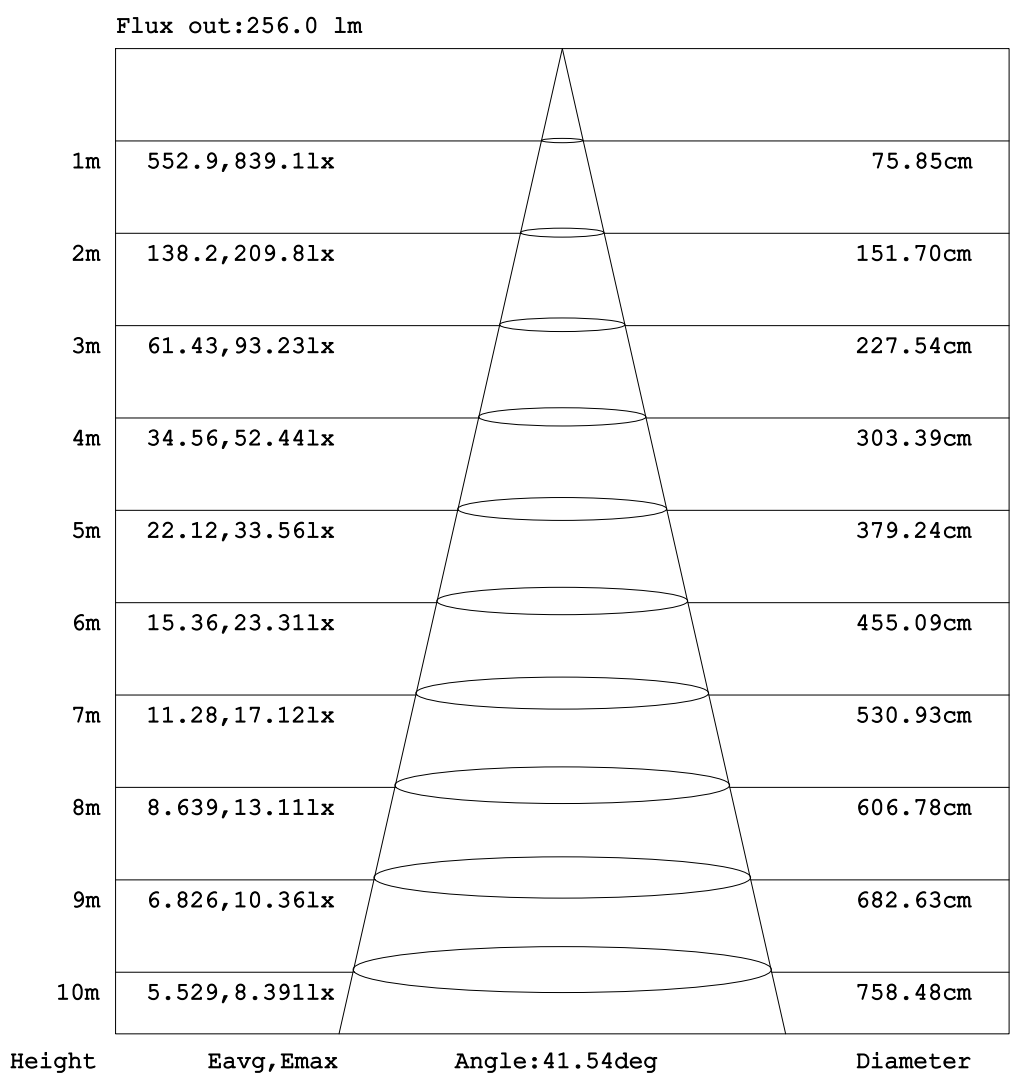


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



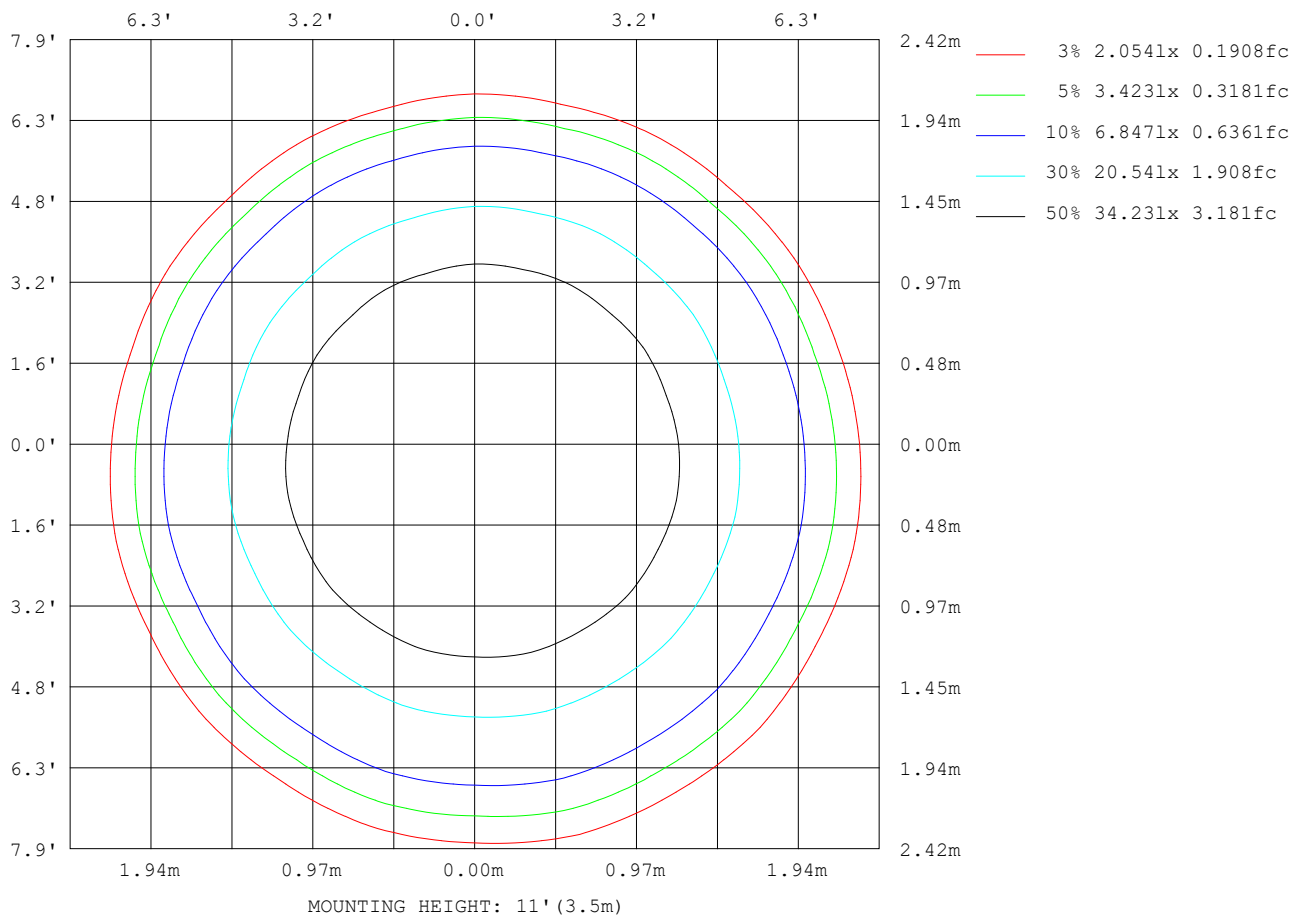
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
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Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|------------|------------------|
| Test:U:230.39V I:0.0244A P:4.9844W PF:0.8864 Freq:50.00Hz Lamp Flux:373.85x1 lm | | |
| NAME: LYRA BLACK | TYPE:4000K | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

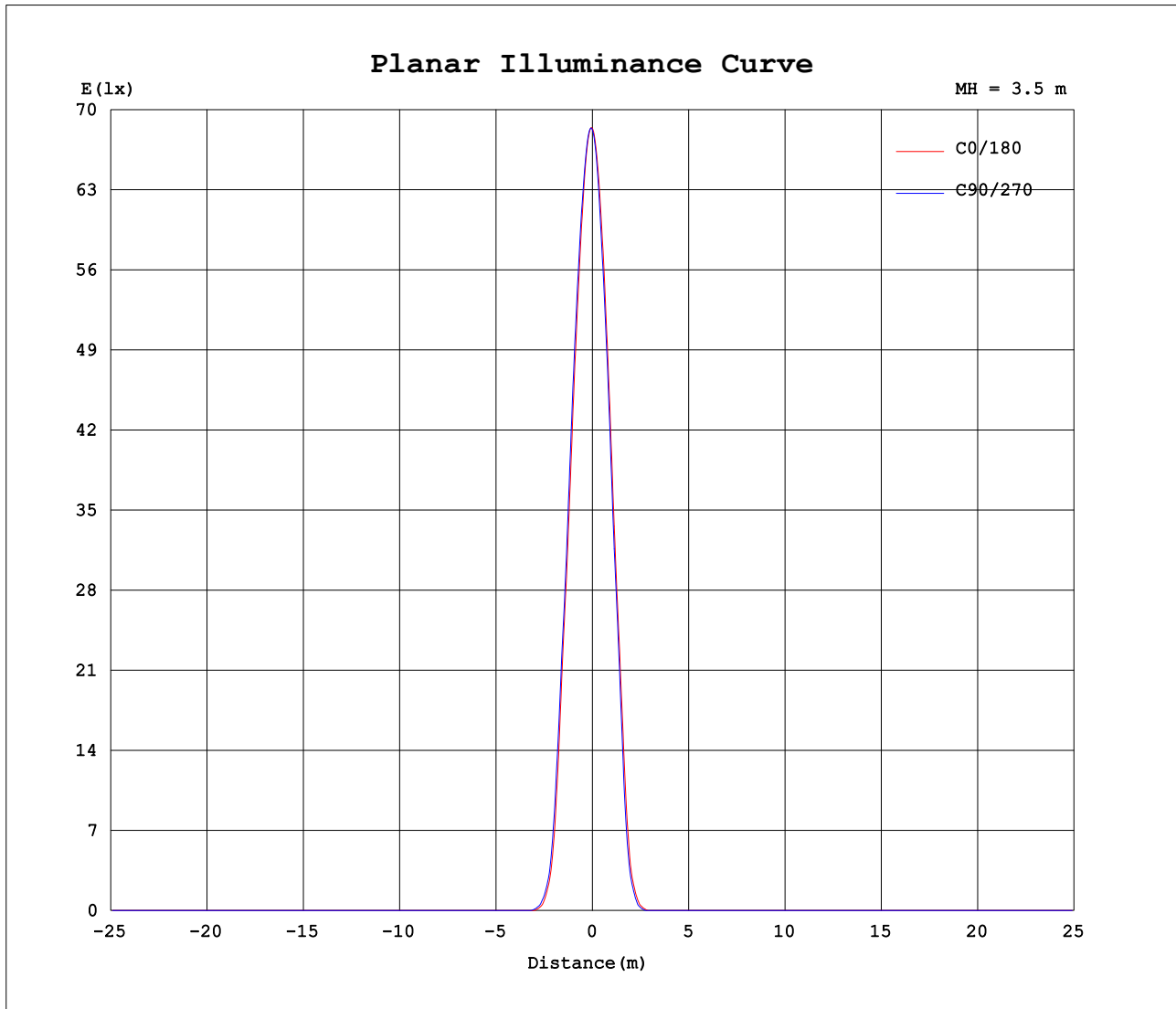
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 0 |
| L_0~180 (75) av | 0 |
| L_0~180 (85) av | 0 |
| L_90~270 (65) av | 0 |
| L_90~270 (75) av | 0 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 0 |
| L_45 (75) av | 0 |
| L_45 (85) av | 0 |

Standard: GB/T 29293-2012

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C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Bob
Test Date:2023-09-11

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

Planar Illuminance Curve



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 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Bob
 Test Date: 2023-09-11

γ Range: 0 - 90DEG
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 Remarks:

```

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Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.270
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

```