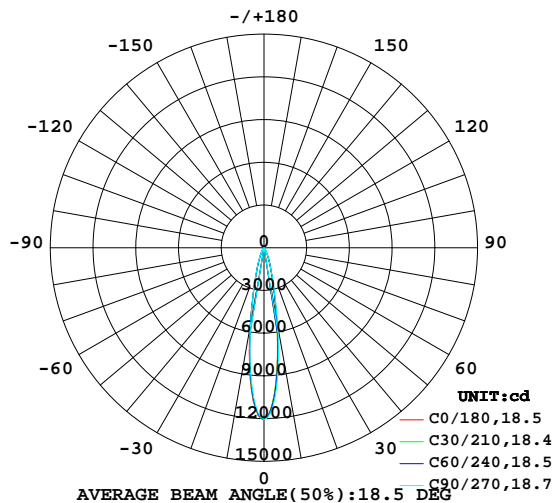


LUMINAIRE PHOTOMETRIC TEST REPORT

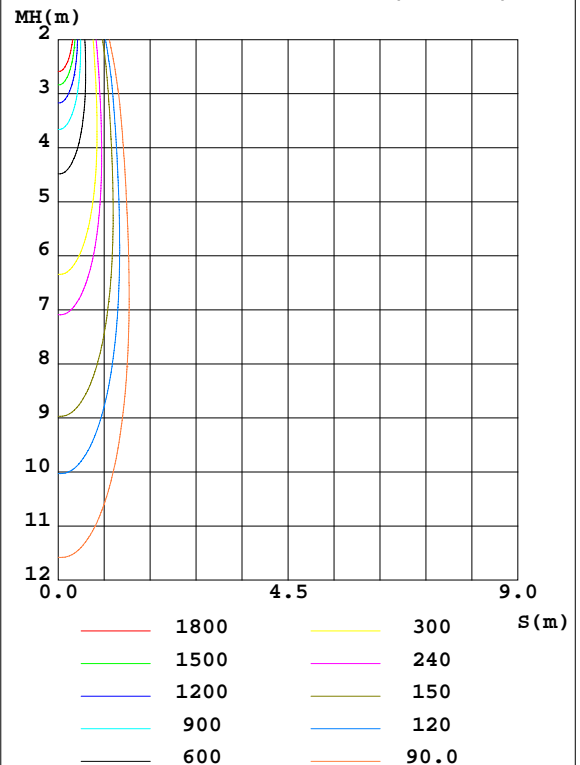
| | | | | | |
|--------------------------------------------------------------------------------|--|---------|--|------------------|--|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | | | | |
| NAME: | | TYPE: | | WEIGHT: | |
| SPEC.: | | DIM.: | | SERIAL No.: | |
| MFR.: | | SUR.:60 | | Shielding Angle: | |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 72.81 lm/W |
|------------------|----------------|-----------------------|--------|-------------------|----------|-----------------|
| MODEL | ALT70-27G30-15 | I _{max} (cd) | 12045 | S/MH(C0/180) | 0.31 | |
| NOMINAL POWER(W) | 28 | LOR(%) | 100.0 | S/MH(C90/270) | 0.32 | |
| RATED VOLTAGE(V) | 226 | TOTAL FLUX(lm) | 2024.0 | η UP,DN(C0-180) | 0.0,50.7 | |
| NOMINAL FLUX(lm) | 2024.04 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.3 | |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.00 | |
| TEST VOLTAGE(V) | 225.2 | η down(%) | 100.0 | CIBSE SHR MAX | 1.00 | |

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:AE
 Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

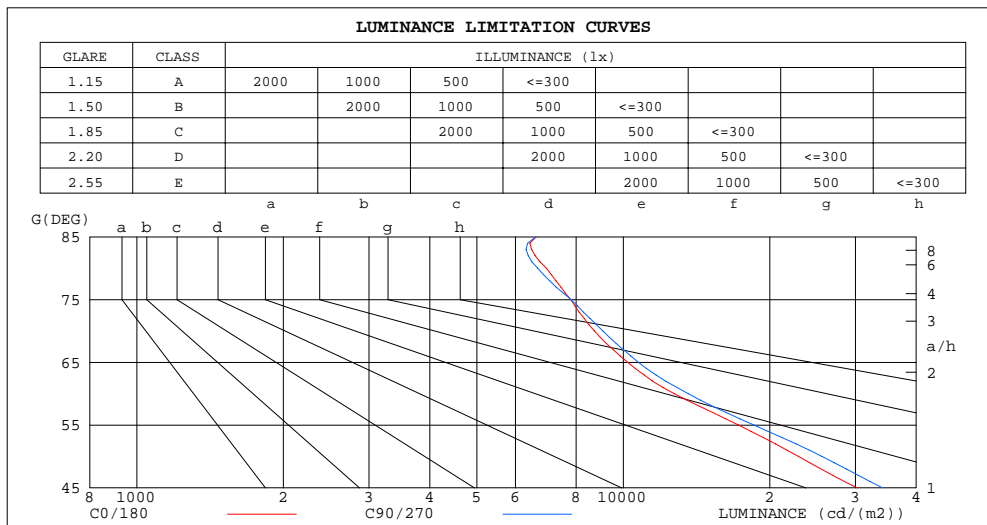
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | $\%lum, lamp$ |
|----------|--------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|---------------|
| 10 | 564.9 | 565.2 | 545.4 | 533.8 | 515.7 | 502.9 | 552.9 | 568.5 | 0- 10 | 790.6 | 790.6 | 39.1,39.1 |
| 20 | 121.8 | 128.2 | 129.7 | 126.9 | 121.9 | 115.2 | 119.4 | 122.8 | 10- 20 | 723.5 | 1514 | 74.8,74.8 |
| 30 | 31.14 | 32.64 | 33.62 | 33.52 | 31.56 | 29.34 | 31.10 | 31.95 | 20- 30 | 302.4 | 1816 | 89.7,89.7 |
| 40 | 9.402 | 9.834 | 10.47 | 10.36 | 9.695 | 9.126 | 9.459 | 9.857 | 30- 40 | 111.5 | 1928 | 95.3,95.3 |
| 50 | 4.156 | 4.393 | 4.654 | 4.511 | 4.239 | 3.946 | 4.117 | 4.282 | 40- 50 | 50.08 | 1978 | 97.7,97.7 |
| 60 | 1.796 | 1.857 | 1.922 | 1.835 | 1.711 | 1.634 | 1.798 | 1.895 | 50- 60 | 25.85 | 2004 | 99,99 |
| 70 | 0.8415 | 0.8576 | 0.8776 | 0.8386 | 0.8031 | 0.7576 | 0.8374 | 0.8840 | 60- 70 | 12.36 | 2016 | 99.6,99.6 |
| 80 | 0.3404 | 0.3409 | 0.3273 | 0.3101 | 0.2855 | 0.2797 | 0.3084 | 0.3343 | 70- 80 | 5.909 | 2022 | 99.9,99.9 |
| 90 | 0.1801 | 0.1753 | 0.1766 | 0.1808 | 0.0992 | 0.1021 | 0.1022 | 0.1033 | 80- 90 | 1.943 | 2024 | 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:×10cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 6622 | 6606 |
| 80 | 6947 | 6668 |
| 75 | 7792 | 7804 |
| 70 | 8720 | 9076 |
| 65 | 10209 | 10737 |
| 60 | 12726 | 13599 |
| 55 | 17254 | 18563 |
| 50 | 22913 | 25608 |
| 45 | 30269 | 34132 |

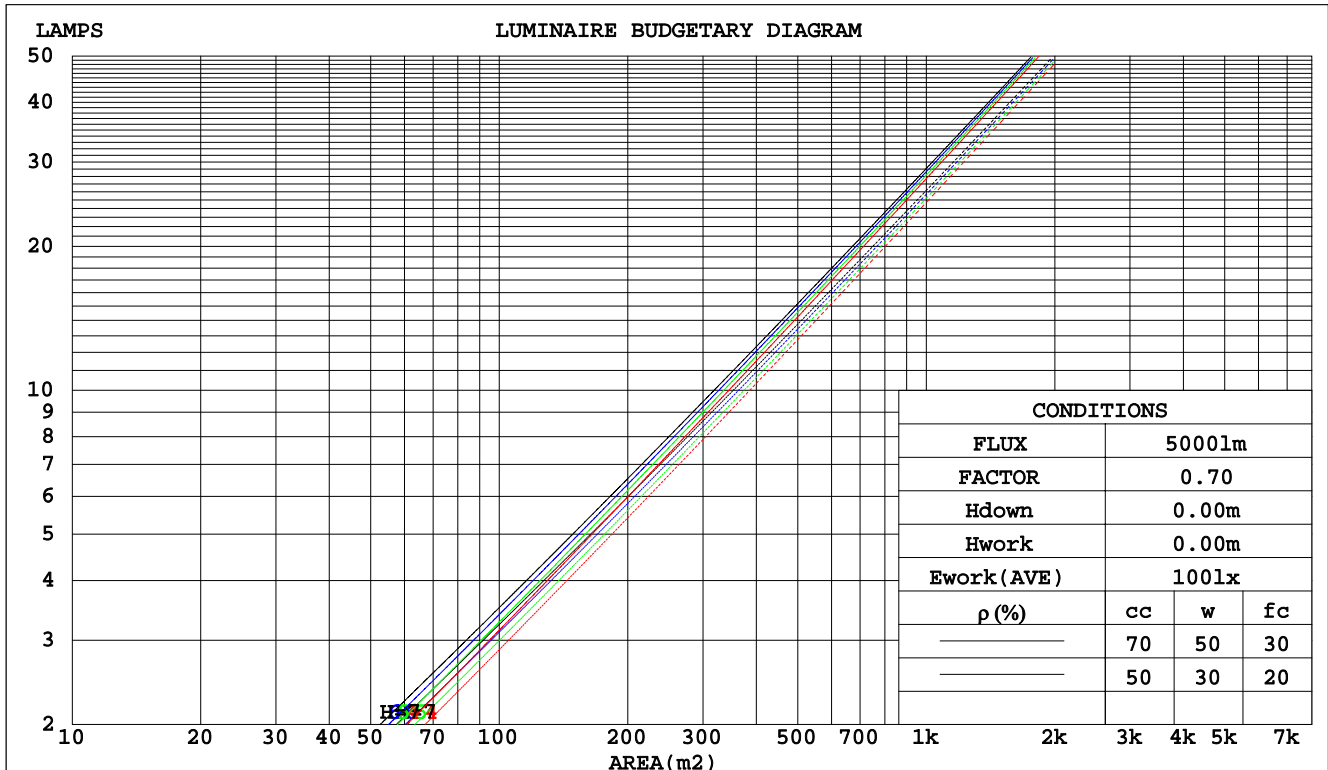
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | 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 | 1.13 | 1.11 | 1.09 | 1.10 | 1.09 | 1.07 | 1.06 | 1.05 | 1.04 | 1.03 | 1.02 | 1.01 | .99 | .99 | .98 | .96 |
| 2.0 | 1.07 | 1.04 | 1.01 | 1.05 | 1.02 | 1.00 | 1.02 | .00 | .98 | .99 | .97 | .96 | .97 | .95 | .94 | .92 |
| 3.0 | 1.02 | .98 | .95 | 1.01 | .97 | .95 | .98 | .95 | .93 | .96 | .94 | .92 | .94 | .92 | .90 | .89 |
| 4.0 | .98 | .94 | .91 | .97 | .93 | .90 | .95 | .92 | .89 | .93 | .90 | .88 | .91 | .89 | .87 | .86 |
| 5.0 | .94 | .90 | .87 | .93 | .89 | .86 | .92 | .88 | .86 | .90 | .87 | .85 | .89 | .86 | .84 | .83 |
| 6.0 | .91 | .86 | .83 | .90 | .86 | .83 | .89 | .85 | .83 | .87 | .84 | .82 | .86 | .84 | .81 | .80 |
| 7.0 | .88 | .83 | .80 | .87 | .83 | .80 | .86 | .82 | .80 | .85 | .82 | .79 | .84 | .81 | .79 | .78 |
| 8.0 | .85 | .81 | .78 | .85 | .80 | .78 | .84 | .80 | .77 | .83 | .79 | .77 | .82 | .79 | .77 | .76 |
| 9.0 | .83 | .78 | .76 | .82 | .78 | .75 | .81 | .78 | .75 | .81 | .77 | .75 | .80 | .77 | .75 | .74 |
| 10.0 | .80 | .76 | .73 | .80 | .76 | .73 | .79 | .76 | .73 | .79 | .75 | .73 | .78 | .75 | .73 | .72 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-06-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|--------------------------------------------------------------------------------|--|--|---------|--|--|------------------|--|--|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | | | | | | | |
| NAME: | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | SUR.:60 | | | 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 | .143 | .082 | .026 | .137 | .078 | .025 | .124 | .071 | .023 | .113 | .065 | .021 | .102 | .059 | .019 | | |
| 2.0 | .133 | .073 | .022 | .128 | .070 | .022 | .118 | .065 | .020 | .108 | .061 | .019 | .099 | .056 | .018 | | |
| 3.0 | .124 | .066 | .020 | .120 | .064 | .019 | .111 | .060 | .018 | .103 | .057 | .017 | .096 | .053 | .016 | | |
| 4.0 | .116 | .060 | .018 | .113 | .059 | .017 | .105 | .056 | .017 | .099 | .053 | .016 | .092 | .050 | .015 | | |
| 5.0 | .109 | .056 | .016 | .106 | .054 | .016 | .100 | .052 | .015 | .094 | .050 | .015 | .089 | .047 | .014 | | |
| 6.0 | .103 | .052 | .015 | .100 | .051 | .015 | .095 | .049 | .014 | .090 | .047 | .014 | .085 | .045 | .013 | | |
| 7.0 | .098 | .048 | .014 | .095 | .047 | .014 | .091 | .046 | .013 | .086 | .044 | .013 | .082 | .043 | .013 | | |
| 8.0 | .093 | .045 | .013 | .091 | .045 | .013 | .087 | .043 | .012 | .083 | .042 | .012 | .079 | .041 | .012 | | |
| 9.0 | .088 | .043 | .012 | .087 | .042 | .012 | .083 | .041 | .012 | .080 | .040 | .011 | .076 | .039 | .011 | | |
| 10.0 | .084 | .041 | .011 | .083 | .040 | .011 | .080 | .039 | .011 | .077 | .038 | .011 | .074 | .037 | .011 | | |

| | | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|--|
| 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 | .101 | .089 | .079 | .071 | .051 | .046 | .041 | .016 | .015 | .013 | | |
| 3.0 | .136 | .113 | .095 | .117 | .098 | .082 | .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 | .114 | .086 | .065 | .098 | .074 | .057 | .067 | .052 | .040 | .039 | .030 | .024 | .013 | .010 | .008 | | |
| 6.0 | .105 | .076 | .055 | .090 | .066 | .048 | .062 | .046 | .034 | .036 | .027 | .020 | .012 | .009 | .007 | | |
| 7.0 | .097 | .068 | .047 | .084 | .059 | .041 | .058 | .041 | .029 | .034 | .024 | .017 | .011 | .008 | .006 | | |
| 8.0 | .091 | .061 | .041 | .078 | .053 | .035 | .054 | .037 | .025 | .031 | .022 | .015 | .010 | .007 | .005 | | |
| 9.0 | .085 | .055 | .035 | .073 | .048 | .031 | .051 | .034 | .022 | .030 | .020 | .013 | .010 | .007 | .004 | | |
| 10.0 | .080 | .051 | .031 | .069 | .044 | .027 | .048 | .031 | .019 | .028 | .018 | .011 | .009 | .006 | .004 | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--------------------------------------------------------------------------------|-----|------------------|------|------|---------|------|----------------|------------------|------|------|------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | | | | | | | | | | |
| NAME: | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.:60 | | | 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 | | 13.8 | 14.5 | 14.0 | 14.6 | 14.8 | 14.2 | 14.9 | 14.4 | 15.0 | 15.2 |
| | 3H | 14.0 | 14.7 | 14.3 | 14.9 | 15.0 | 14.4 | 15.1 | 14.7 | 15.3 | 15.5 |
| | 4H | 14.1 | 14.7 | 14.4 | 14.9 | 15.2 | 14.5 | 15.1 | 14.8 | 15.3 | 15.6 |
| | 6H | 14.2 | 14.8 | 14.5 | 15.0 | 15.2 | 14.6 | 15.1 | 14.9 | 15.4 | 15.6 |
| | 8H | 14.2 | 14.8 | 14.5 | 15.0 | 15.3 | 14.6 | 15.1 | 14.9 | 15.4 | 15.6 |
| | 12H | 14.2 | 14.7 | 14.5 | 15.0 | 15.3 | 14.6 | 15.1 | 14.9 | 15.4 | 15.6 |
| 4H | 2H | 13.8 | 14.4 | 14.1 | 14.7 | 14.9 | 14.2 | 14.8 | 14.5 | 15.1 | 15.3 |
| | 3H | 14.2 | 14.7 | 14.5 | 15.0 | 15.2 | 14.6 | 15.1 | 14.9 | 15.4 | 15.6 |
| | 4H | 14.3 | 14.8 | 14.7 | 15.1 | 15.4 | 14.7 | 15.2 | 15.0 | 15.5 | 15.8 |
| | 6H | 14.5 | 14.9 | 14.8 | 15.2 | 15.6 | 14.8 | 15.2 | 15.2 | 15.6 | 15.9 |
| | 8H | 14.5 | 14.9 | 14.9 | 15.3 | 15.6 | 14.8 | 15.2 | 15.2 | 15.6 | 15.9 |
| | 12H | 14.5 | 14.9 | 14.9 | 15.3 | 15.7 | 14.8 | 15.2 | 15.2 | 15.6 | 16.0 |
| 8H | 4H | 14.3 | 14.7 | 14.7 | 15.1 | 15.5 | 14.7 | 15.1 | 15.1 | 15.4 | 15.8 |
| | 6H | 14.5 | 14.9 | 15.0 | 15.3 | 15.7 | 14.8 | 15.2 | 15.3 | 15.6 | 16.0 |
| | 8H | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 | 14.9 | 15.2 | 15.3 | 15.6 | 16.0 |
| | 12H | 14.7 | 14.9 | 15.1 | 15.4 | 15.8 | 14.9 | 15.2 | 15.4 | 15.6 | 16.1 |
| 12H | 4H | 14.3 | 14.7 | 14.7 | 15.0 | 15.4 | 14.6 | 15.0 | 15.0 | 15.4 | 15.8 |
| | 6H | 14.5 | 14.8 | 15.0 | 15.2 | 15.7 | 14.8 | 15.1 | 15.3 | 15.5 | 16.0 |
| | 8H | 14.6 | 14.9 | 15.1 | 15.3 | 15.8 | 14.9 | 15.1 | 15.3 | 15.6 | 16.0 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | | + 1.2 / - 1.6 | | | | | + 1.4 / - 1.7 | | | | |
| 1.5H | | + 1.9 / - 1.1 | | | | | + 2.1 / - 1.3 | | | | |
| 2.0H | | + 1.9 / - 1.6 | | | | | + 2.2 / - 1.8 | | | | |

CIE Pub.117, 2024 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.4$)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: AE
 Test Date: 2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity: 65.0%
 Test Distance: 7.240m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |

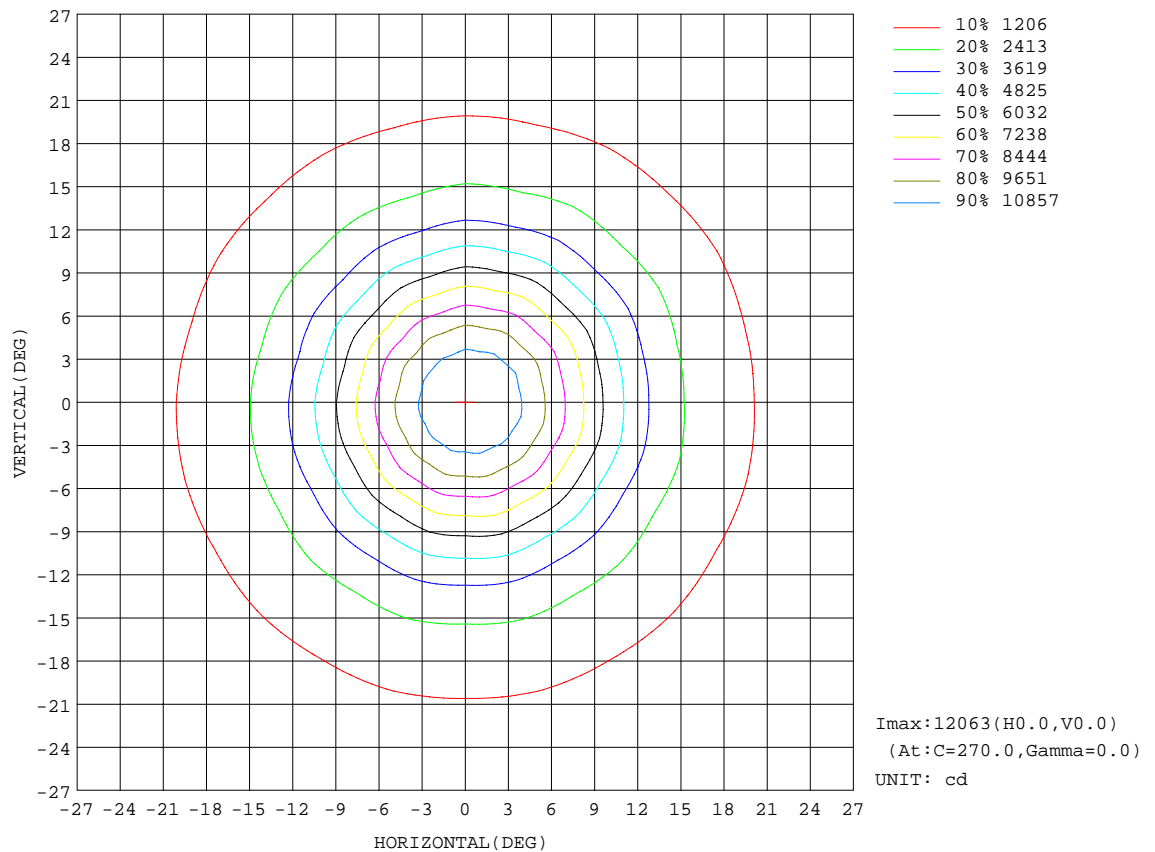
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|-----------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 89 | 82 | 79 | 88 | 82 | 79 | 87 | 82 | 79 | 75 |
| 0.80 | 96 | 90 | 87 | 95 | 90 | 86 | 94 | 89 | 86 | 83 |
| 1.00 | 100 | 95 | 91 | 99 | 94 | 91 | 98 | 94 | 90 | 86 |
| 1.25 | 104 | 99 | 95 | 103 | 98 | 95 | 101 | 97 | 94 | 90 |
| 1.50 | 106 | 102 | 99 | 105 | 101 | 98 | 103 | 100 | 97 | 93 |
| 2.00 | 109 | 105 | 102 | 108 | 104 | 101 | 105 | 102 | 100 | 94 |
| 2.50 | 111 | 107 | 104 | 109 | 106 | 103 | 106 | 103 | 101 | 95 |
| 3.00 | 112 | 109 | 106 | 110 | 107 | 105 | 107 | 105 | 103 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 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: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |



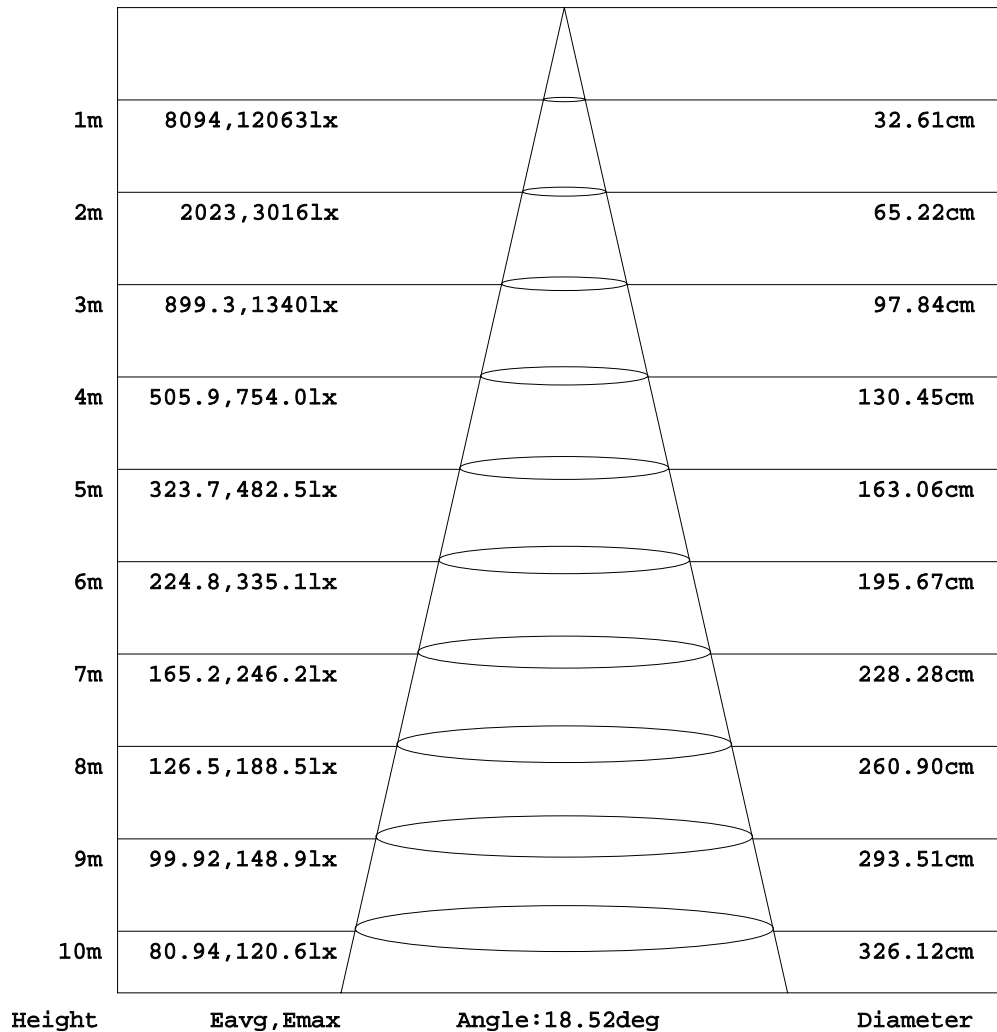
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |

Flux out:790.6 lm



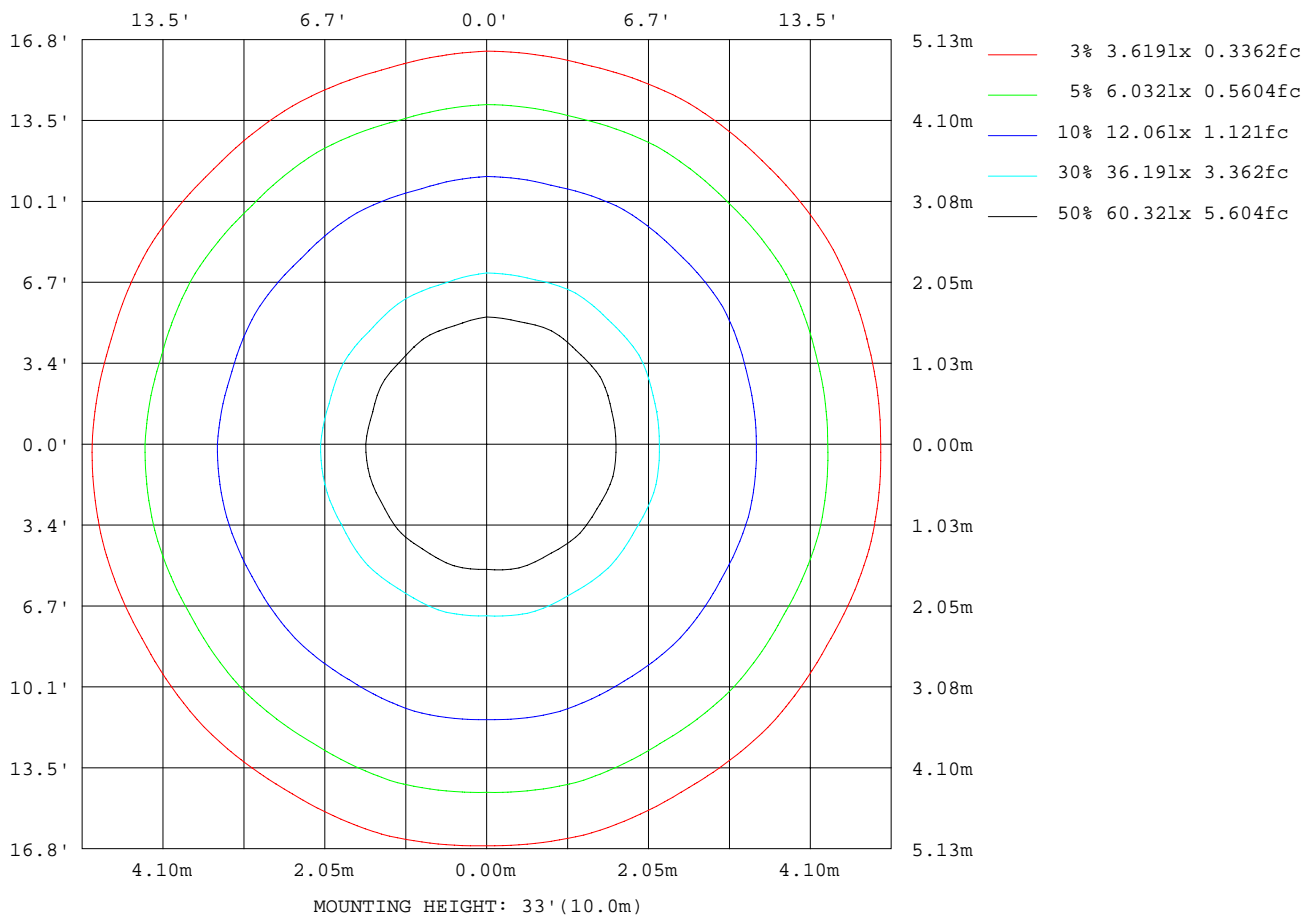
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-06-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: AE
Test Date: 2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 7.240m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--------------------------------------------------------------------------------|---------|------------------|
| Test:U:225.1V I:0.1290A P:27.80W PF:0.9520 Freq:50.00Hz Lamp Flux:2024.04x1 lm | | |
| NAME: | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:60 | Shielding Angle: |

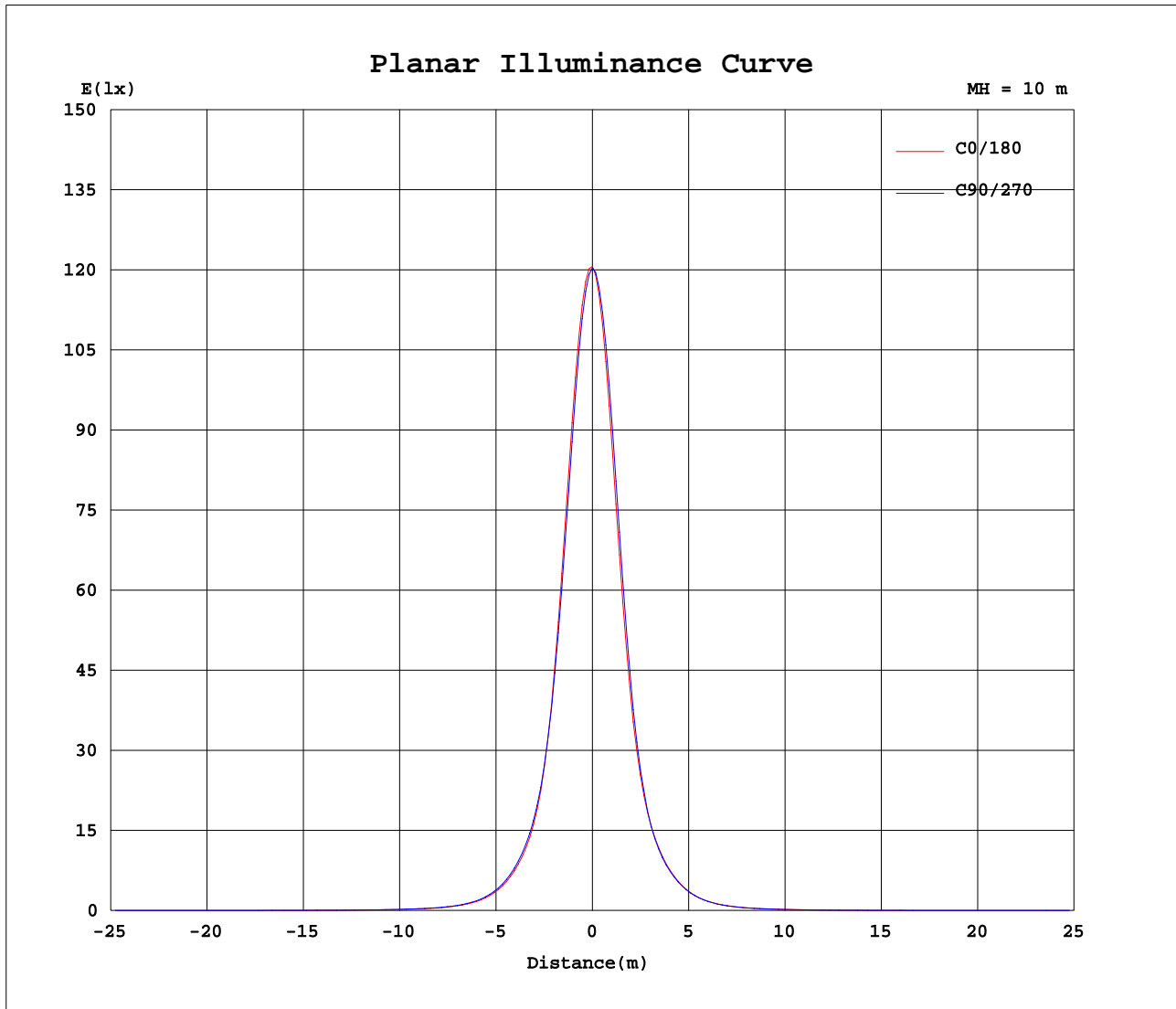
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 9922 |
| L_0~180(75)av | 7474 |
| L_0~180(85)av | 5590 |
| L_90~270(65)av | 10447 |
| L_90~270(75)av | 7698 |
| L_90~270(85)av | 5687 |
| L_45(65)av | 10165 |
| L_45(75)av | 7521 |
| L_45(85)av | 5720 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-06-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: AE
Test Date: 2020-06-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity: 65.0%
Test Distance: 7.240m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.265
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```