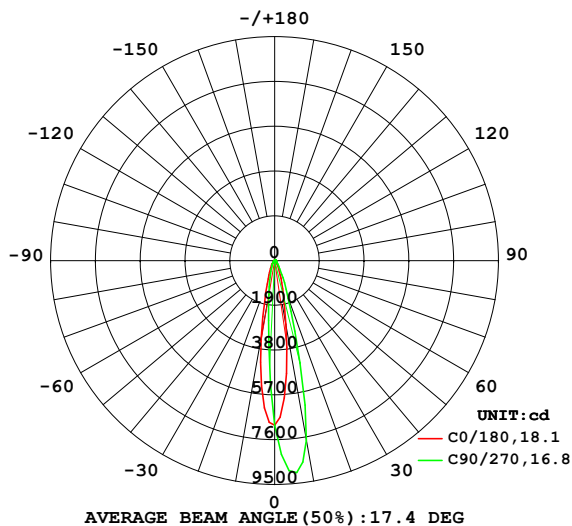


LUMINAIRE PHOTOMETRIC TEST REPORT

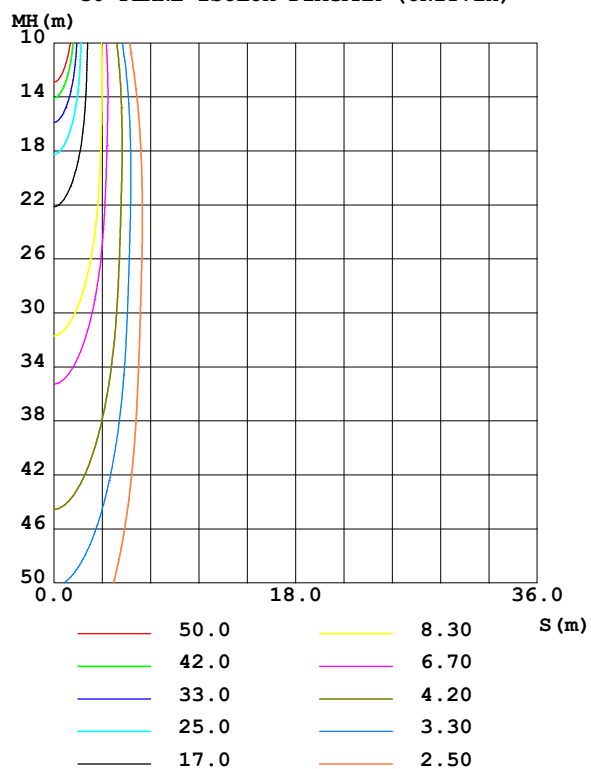
| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 75.71 lm/W |
|------------------|------------------|-----------------------------------|--------|---|----------|-----------------|
| MODEL | FW26212424650015 | Imax (cd) | 9917 | S/MH (C0/180) | 0.33 | |
| NOMINAL POWER(W) | 24 | LOR (%) | 100.0 | S/MH (C90/270) | 0.15 | |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 1844.3 | <input type="checkbox"/> UP,DN (C0-180) | 0.6,66.3 | |
| NOMINAL FLUX(lm) | 1844.35 | CIE CLASS | DIRECT | <input type="checkbox"/> UP,DN (C180-360) | 0.8,32.4 | |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 1.4 | CIBSE SHR NOM | 0.00 | |
| TEST VOLTAGE(V) | 24 | <input type="checkbox"/> down (%) | 98.6 | CIBSE SHR MAX | 0.30 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 2756 | 4936 | 7740 | 7814 | 3322 | 1885 | 1466 | 1723 | 0- 10 | 500.6 | 500.6 | 27.1,27.1 |
| 20 | 799.6 | 1182 | 1702 | 2019 | 830.9 | 574.7 | 494.6 | 608.0 | 10- 20 | 579.3 | 1080 | 58.6,58.6 |
| 30 | 303.2 | 379.0 | 512.0 | 653.8 | 325.0 | 270.8 | 237.0 | 313.1 | 20- 30 | 286.0 | 1366 | 74.1,74.1 |
| 40 | 162.3 | 195.2 | 240.8 | 320.0 | 167.4 | 148.8 | 129.6 | 179.8 | 30- 40 | 168.4 | 1534 | 83.2,83.2 |
| 50 | 102.4 | 118.2 | 126.9 | 185.8 | 98.03 | 88.13 | 77.07 | 113.0 | 40- 50 | 116.0 | 1650 | 89.5,89.5 |
| 60 | 68.37 | 74.89 | 74.08 | 113.5 | 61.50 | 52.35 | 41.94 | 69.59 | 50- 60 | 81.62 | 1732 | 93.9,93.9 |
| 70 | 41.00 | 43.75 | 42.33 | 65.90 | 35.50 | 26.16 | 16.97 | 31.53 | 60- 70 | 53.75 | 1786 | 96.8,96.8 |
| 80 | 15.64 | 17.68 | 17.96 | 29.25 | 13.03 | 4.879 | 1.111 | 3.251 | 70- 80 | 26.82 | 1813 | 98.3,98.3 |
| 90 | 0.7111 | 0.7372 | 1.407 | 2.455 | 0.6474 | 0.2926 | 0.1712 | 0.4481 | 80- 90 | 6.191 | 1819 | 98.6,98.6 |
| 100 | 0.3504 | 0.3479 | 0.1967 | 0.4835 | 0.3567 | 0.4493 | 0.3470 | 0.7110 | 90-100 | 0.5422 | 1819 | 98.6,98.6 |
| 110 | 0.6391 | 0.5991 | 0.4144 | 0.8117 | 0.6139 | 0.7110 | 0.6354 | 1.114 | 100-110 | 0.6322 | 1820 | 98.7,98.7 |
| 120 | 1.053 | 0.9470 | 0.7587 | 1.250 | 0.9806 | 1.092 | 1.090 | 1.763 | 110-120 | 0.9214 | 1821 | 98.7,98.7 |
| 130 | 1.774 | 1.530 | 1.300 | 1.922 | 1.563 | 1.763 | 2.003 | 2.955 | 120-130 | 1.313 | 1822 | 98.8,98.8 |
| 140 | 3.412 | 2.723 | 2.367 | 3.276 | 2.805 | 3.441 | 4.464 | 6.101 | 130-140 | 2.013 | 1824 | 98.9,98.9 |
| 150 | 7.471 | 5.936 | 5.120 | 6.919 | 5.965 | 7.691 | 11.14 | 14.03 | 140-150 | 3.426 | 1828 | 99.1,99.1 |
| 160 | 17.00 | 14.54 | 13.15 | 15.96 | 13.45 | 16.80 | 25.16 | 29.76 | 150-160 | 5.705 | 1833 | 99.4,99.4 |
| 170 | 33.28 | 31.18 | 30.11 | 33.84 | 28.18 | 30.27 | 40.53 | 48.67 | 160-170 | 7.193 | 1841 | 99.8,99.8 |
| 180 | 43.58 | 44.02 | 47.30 | 53.28 | 44.00 | 44.31 | 47.62 | 53.79 | 170-180 | 3.831 | 1844 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 1608.8 lm

%lum = 87.2%

%lamp = 87.2%

Conical surface Flux(120deg): 1732 lm

%lum = 93.9%

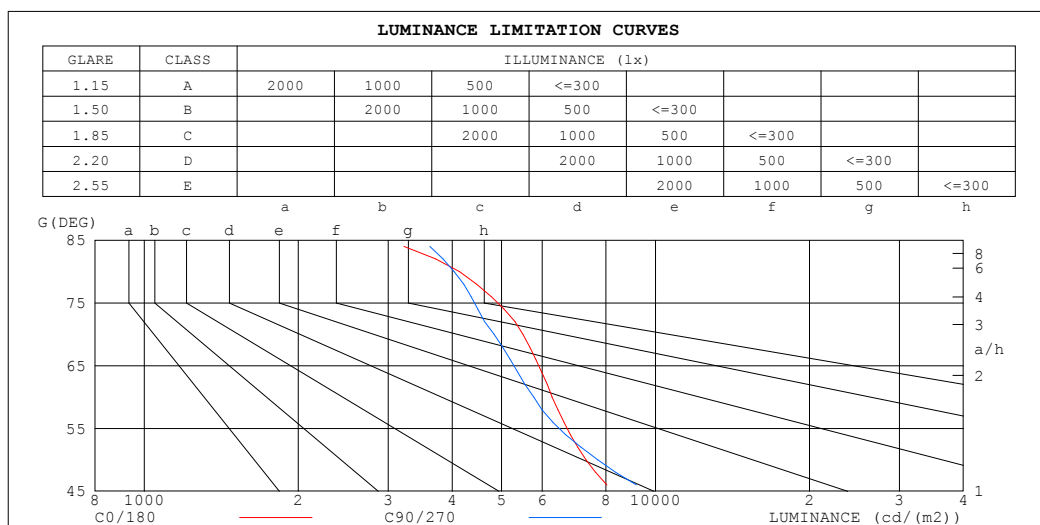
%lamp = 93.9%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 3861 | 4336 |
| 80 | 4135 | 4037 |
| 75 | 5385 | 4783 |
| 70 | 5503 | 4832 |
| 65 | 6208 | 5570 |
| 60 | 6279 | 5783 |
| 55 | 6985 | 6838 |
| 50 | 7316 | 7709 |
| 45 | 8645 | 10226 |

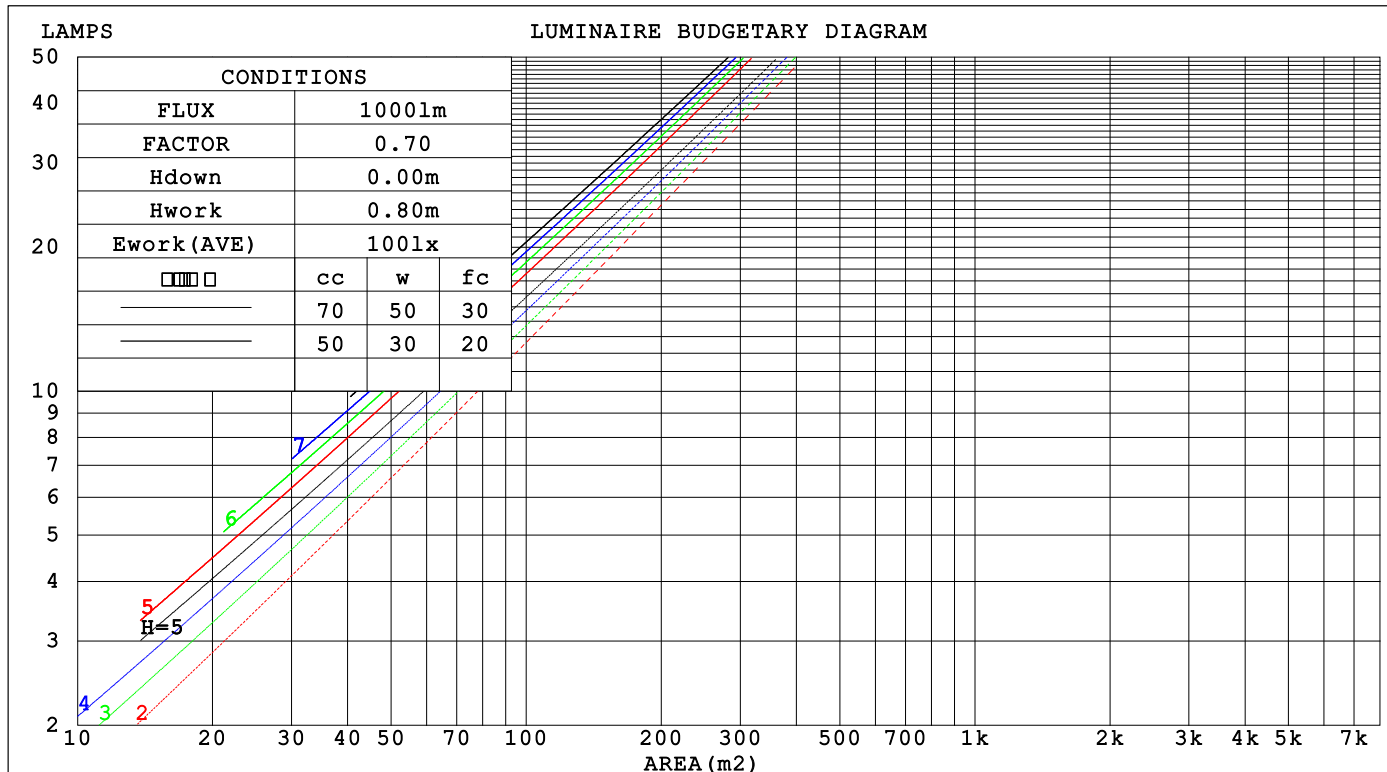
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 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 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.10 | 1.08 | 1.06 | 1.08 | 1.06 | 1.04 | 1.04 | 1.02 | 1.00 | .00 | .98 | .97 | .96 | .95 | .94 | .92 |
| 2.0 | 1.03 | .99 | .95 | 1.01 | .97 | .94 | .98 | .95 | .92 | .94 | .92 | .90 | .91 | .89 | .88 | .86 |
| 3.0 | .96 | .92 | .88 | .95 | .90 | .87 | .92 | .88 | .85 | .90 | .86 | .84 | .87 | .85 | .82 | .81 |
| 4.0 | .91 | .86 | .82 | .90 | .85 | .81 | .87 | .83 | .80 | .85 | .82 | .79 | .83 | .80 | .78 | .76 |
| 5.0 | .86 | .81 | .77 | .85 | .80 | .76 | .83 | .79 | .75 | .81 | .78 | .75 | .80 | .77 | .74 | .72 |
| 6.0 | .82 | .76 | .72 | .81 | .76 | .72 | .79 | .75 | .72 | .78 | .74 | .71 | .77 | .73 | .70 | .69 |
| 7.0 | .78 | .73 | .69 | .78 | .72 | .69 | .76 | .72 | .68 | .75 | .71 | .68 | .74 | .70 | .67 | .66 |
| 8.0 | .75 | .70 | .66 | .74 | .69 | .66 | .73 | .69 | .65 | .72 | .68 | .65 | .71 | .67 | .65 | .63 |
| 9.0 | .72 | .67 | .63 | .71 | .66 | .63 | .70 | .66 | .63 | .70 | .65 | .63 | .69 | .65 | .62 | .61 |
| 10.0 | .69 | .64 | .61 | .69 | .64 | .61 | .68 | .64 | .61 | .67 | .63 | .60 | .66 | .63 | .60 | .59 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|---------------------------------|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Wall Exitance Coefficients(WEC) |
| 0.0 | | | | | | |
| 1.0 | .181 .103 .033 | .174 .099 .031 | .160 .092 .029 | .148 .085 .027 | .136 .079 .026 | |
| 2.0 | .170 .093 .029 | .164 .090 .028 | .152 .085 .026 | .142 .080 .025 | .132 .075 .024 | |
| 3.0 | .159 .084 .025 | .153 .082 .025 | .144 .078 .024 | .135 .074 .023 | .127 .070 .022 | |
| 4.0 | .148 .077 .023 | .144 .075 .022 | .135 .072 .021 | .128 .069 .021 | .120 .065 .020 | |
| 5.0 | .139 .071 .021 | .135 .069 .020 | .128 .067 .020 | .121 .064 .019 | .115 .061 .018 | |
| 6.0 | .131 .065 .019 | .127 .064 .018 | .121 .062 .018 | .115 .060 .018 | .109 .058 .017 | |
| 7.0 | .123 .061 .017 | .120 .060 .017 | .115 .058 .017 | .109 .056 .016 | .104 .054 .016 | |
| 8.0 | .116 .057 .016 | .114 .056 .016 | .109 .054 .016 | .104 .053 .015 | .100 .051 .015 | |
| 9.0 | .110 .053 .015 | .108 .053 .015 | .104 .051 .015 | .099 .050 .014 | .095 .048 .014 | |
| 10.0 | .105 .050 .014 | .103 .050 .014 | .099 .048 .014 | .095 .047 .013 | .091 .046 .013 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|--|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Ceiling Cavity Exitance Coefficients(CCEC) |
| 0.0 | .201 .201 .201 | .172 .172 .172 | .117 .117 .117 | .067 .067 .067 | .022 .022 .022 | |
| 1.0 | .182 .168 .155 | .156 .144 .134 | .107 .099 .092 | .061 .057 .054 | .020 .018 .017 | |
| 2.0 | .167 .143 .123 | .143 .123 .107 | .098 .085 .074 | .056 .050 .044 | .018 .016 .014 | |
| 3.0 | .154 .124 .101 | .132 .107 .087 | .091 .075 .061 | .052 .044 .036 | .017 .014 .012 | |
| 4.0 | .143 .110 .084 | .123 .095 .073 | .084 .066 .051 | .049 .039 .030 | .016 .013 .010 | |
| 5.0 | .133 .098 .072 | .114 .085 .062 | .079 .059 .044 | .046 .035 .026 | .015 .011 .009 | |
| 6.0 | .125 .088 .062 | .107 .076 .054 | .074 .054 .038 | .043 .031 .023 | .014 .010 .007 | |
| 7.0 | .118 .081 .054 | .101 .070 .047 | .070 .049 .034 | .041 .029 .020 | .013 .009 .007 | |
| 8.0 | .111 .074 .048 | .096 .064 .042 | .066 .045 .030 | .039 .027 .018 | .012 .009 .006 | |
| 9.0 | .106 .069 .044 | .091 .060 .038 | .063 .042 .027 | .037 .025 .016 | .012 .008 .005 | |
| 10.0 | .101 .064 .040 | .087 .056 .035 | .060 .039 .025 | .035 .023 .015 | .011 .008 .005 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|------------------------|---------------|----------------|------------------|------|------|--|
| NAME: FW26212424650015 | | | | | TYPE: FW26212424650015 | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.: 0.026*1 | | | 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 | 14.1 | 15.0 | 14.3 | 15.1 | 15.3 | 13.9 | 14.8 | 14.2 | 15.0 | 15.2 | |
| | 3H | 15.3 | 16.1 | 15.6 | 16.4 | 16.6 | 14.9 | 15.7 | 15.1 | 15.9 | |
| | 4H | 15.8 | 16.6 | 16.1 | 16.8 | 17.1 | 15.3 | 16.0 | 15.6 | 16.3 | |
| | 6H | 16.1 | 16.8 | 16.4 | 17.1 | 17.4 | 15.5 | 16.3 | 15.9 | 16.5 | |
| | 8H | 16.2 | 16.9 | 16.5 | 17.2 | 17.4 | 15.6 | 16.3 | 16.0 | 16.6 | |
| | 12H | 16.2 | 16.9 | 16.5 | 17.2 | 17.5 | 15.7 | 16.4 | 16.0 | 16.7 | |
| 4H | 2H | 14.6 | 15.3 | 14.9 | 15.6 | 15.8 | 14.4 | 15.2 | 14.7 | 15.5 | |
| | 3H | 16.0 | 16.7 | 16.4 | 17.0 | 17.3 | 15.6 | 16.2 | 15.9 | 16.5 | |
| | 4H | 16.7 | 17.3 | 17.0 | 17.6 | 17.9 | 16.1 | 16.7 | 16.4 | 17.0 | |
| | 6H | 17.1 | 17.6 | 17.5 | 18.0 | 18.4 | 16.4 | 17.0 | 16.8 | 17.3 | |
| | 8H | 17.2 | 17.7 | 17.6 | 18.1 | 18.5 | 16.6 | 17.1 | 17.0 | 17.4 | |
| | 12H | 17.2 | 17.7 | 17.7 | 18.1 | 18.5 | 16.6 | 17.1 | 17.1 | 17.5 | |
| 8H | 4H | 16.8 | 17.4 | 17.3 | 17.7 | 18.1 | 16.3 | 16.8 | 16.7 | 17.2 | |
| | 6H | 17.4 | 17.8 | 17.8 | 18.2 | 18.7 | 16.8 | 17.2 | 17.2 | 17.6 | |
| | 8H | 17.6 | 18.0 | 18.1 | 18.4 | 18.9 | 17.0 | 17.3 | 17.4 | 17.8 | |
| | 12H | 17.7 | 18.0 | 18.2 | 18.5 | 19.0 | 17.1 | 17.4 | 17.6 | 17.9 | |
| 12H | 4H | 16.8 | 17.3 | 17.3 | 17.7 | 18.1 | 16.3 | 16.8 | 16.7 | 17.2 | |
| | 6H | 17.4 | 17.8 | 17.9 | 18.2 | 18.7 | 16.8 | 17.2 | 17.3 | 17.6 | |
| | 8H | 17.6 | 17.9 | 18.1 | 18.4 | 18.9 | 17.0 | 17.4 | 17.5 | 17.8 | |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.4 | | | | | + 0.4 / - 0.5 | | | | | |
| 1.5H | + 0.1 / - 0.4 | | | | | + 0.5 / - 0.4 | | | | | |
| 2.0H | + 0.2 / - 0.6 | | | | | + 0.7 / - 0.5 | | | | | |

CIE Pub.117, 1844 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.1)
Area: 0.026 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

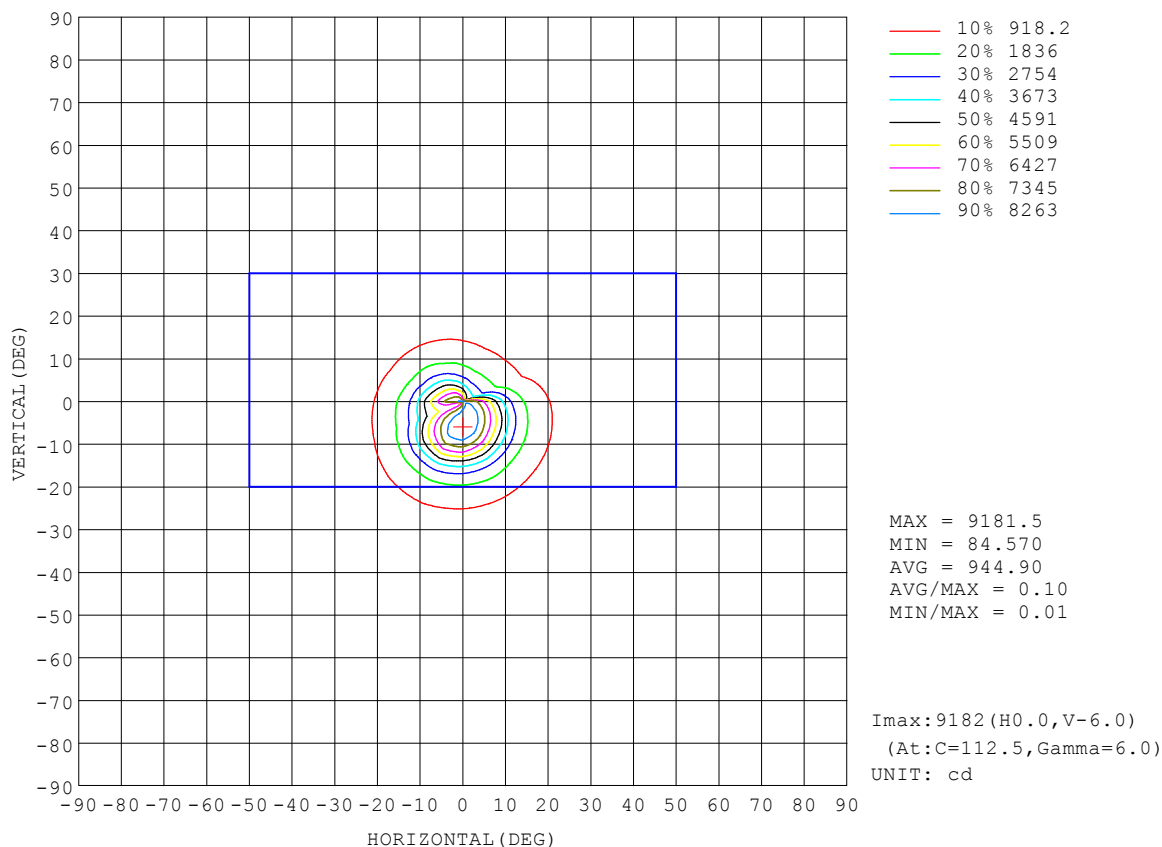
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 81 | 74 | 69 | 81 | 74 | 69 | 80 | 73 | 69 | 65 |
| 0.80 | 89 | 82 | 78 | 88 | 82 | 78 | 87 | 81 | 77 | 73 |
| 1.00 | 94 | 88 | 83 | 93 | 87 | 83 | 91 | 87 | 82 | 78 |
| 1.25 | 99 | 93 | 88 | 98 | 92 | 88 | 95 | 91 | 87 | 82 |
| 1.50 | 102 | 96 | 92 | 101 | 95 | 92 | 98 | 94 | 90 | 85 |
| 2.00 | 106 | 100 | 97 | 104 | 99 | 96 | 101 | 97 | 94 | 88 |
| 2.50 | 108 | 103 | 99 | 106 | 102 | 98 | 102 | 99 | 96 | 90 |
| 3.00 | 110 | 105 | 102 | 108 | 104 | 101 | 104 | 101 | 99 | 91 |
| 4.00 | 112 | 109 | 106 | 110 | 107 | 104 | 106 | 103 | 102 | 94 |
| 5.00 | 113 | 111 | 108 | 111 | 109 | 107 | 107 | 105 | 103 | 95 |
| 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: 25.3DEG
Operators:
Test Date: 2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

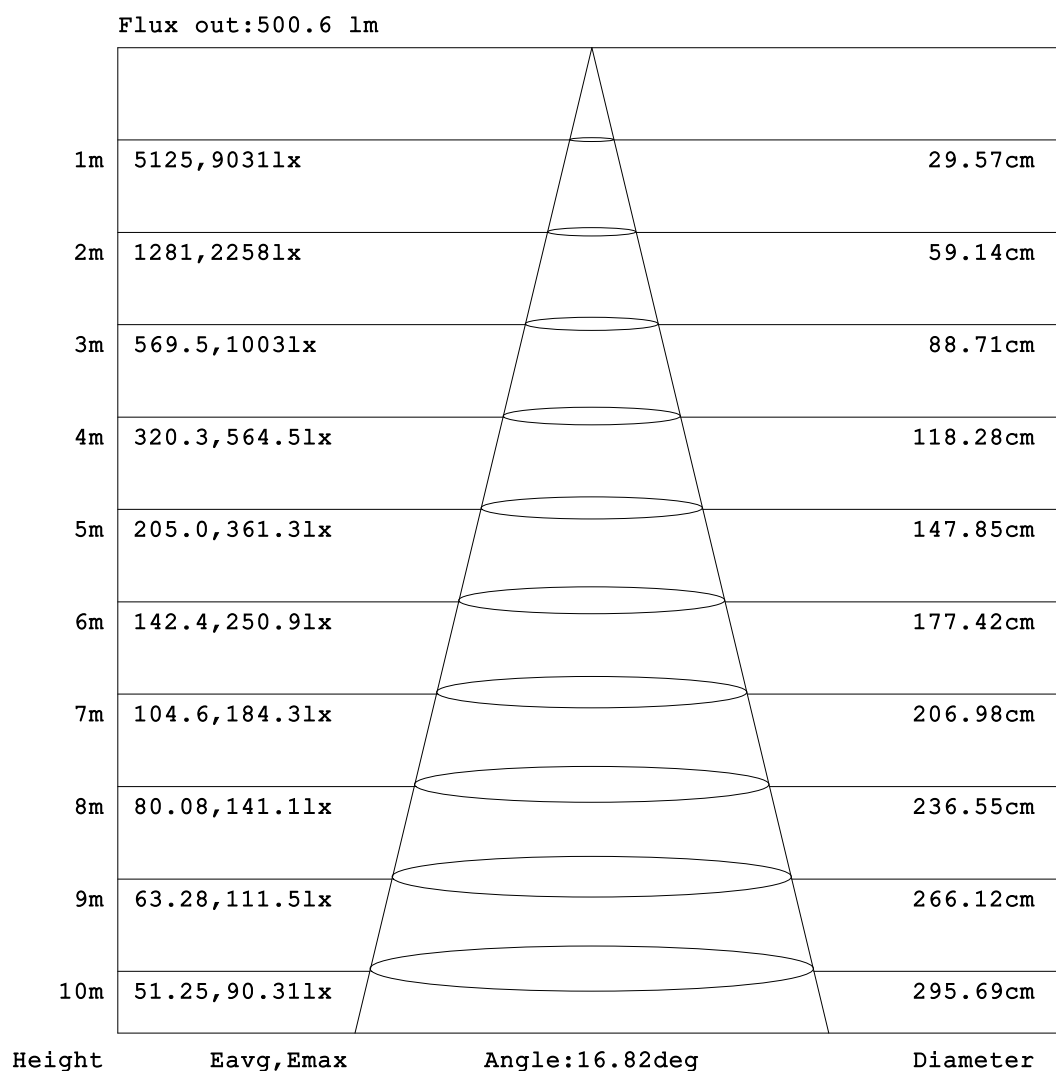


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

AAI Figure

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |



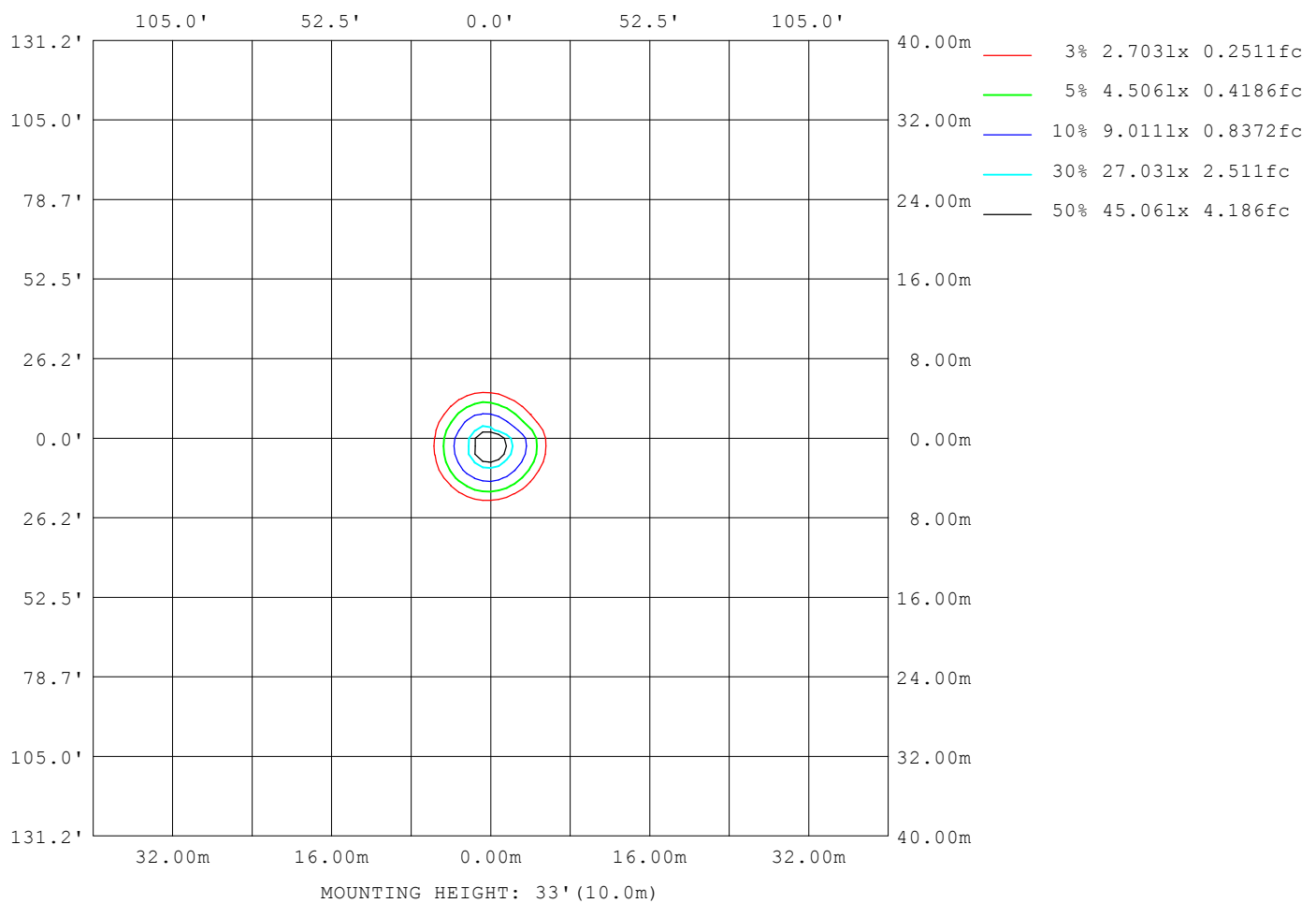
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

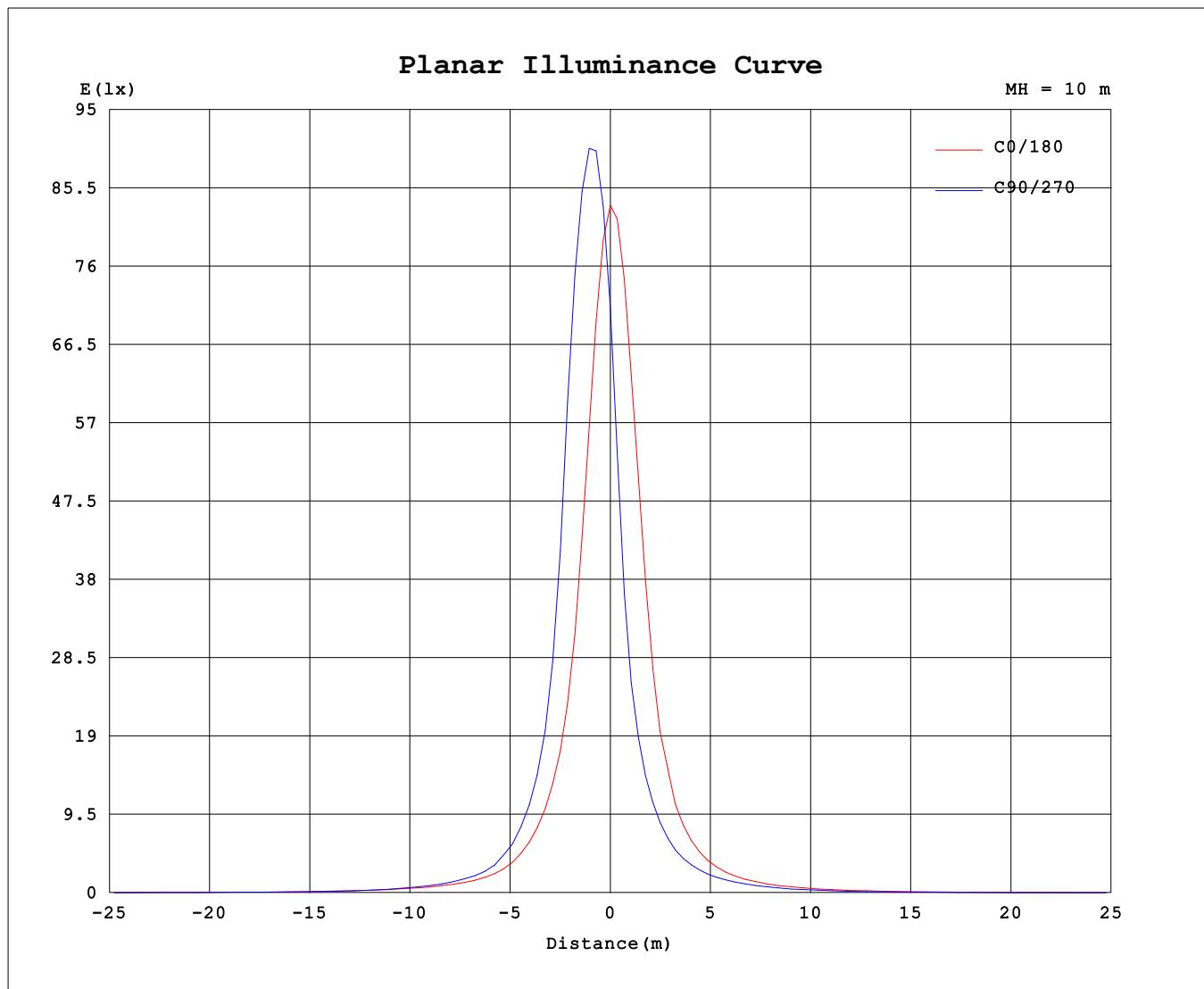
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 4649 |
| L_0~180 (75) av | 3809 |
| L_0~180 (85) av | 2235 |
| L_90~270 (65) av | 3883 |
| L_90~270 (75) av | 2716 |
| L_90~270 (85) av | 1756 |
| L_45 (65) av | 5349 |
| L_45 (75) av | 3998 |
| L_45 (85) av | 2339 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-11-16

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|------------------------|------------------------|------------------|
| NAME: FW26212424650015 | TYPE: FW26212424650015 | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.026*1 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | 6985 | | | |
| 5 | 5847 | 6675 | 7391 | 8225 | 8931 | 9569 | 9316 | 8322 | 6271 | 5497 | 4814 | 4085 | 3599 | 3455 | 3761 | 4483 | | | |
| 10 | 2756 | 3856 | 4936 | 6384 | 7740 | 8693 | 7814 | 6225 | 3322 | 2404 | 1885 | 1578 | 1466 | 1493 | 1723 | 2248 | | | |
| 15 | 1582 | 2143 | 2771 | 3670 | 4475 | 5429 | 5034 | 3833 | 1791 | 1342 | 1102 | 968 | 921 | 954 | 1116 | 1477 | | | |
| 20 | 800 | 1005 | 1182 | 1508 | 1702 | 2026 | 2019 | 1797 | 831 | 656 | 575 | 518 | 495 | 519 | 608 | 824 | | | |
| 25 | 528 | 641 | 727 | 881 | 1036 | 1222 | 1236 | 1156 | 548 | 450 | 402 | 377 | 359 | 385 | 452 | 594 | | | |
| 30 | 303 | 347 | 379 | 444 | 512 | 615 | 654 | 662 | 325 | 290 | 271 | 243 | 237 | 255 | 313 | 410 | | | |
| 35 | 229 | 256 | 280 | 316 | 363 | 429 | 468 | 485 | 244 | 229 | 214 | 189 | 188 | 201 | 247 | 332 | | | |
| 40 | 162 | 180 | 195 | 213 | 241 | 289 | 320 | 331 | 167 | 165 | 149 | 134 | 130 | 144 | 180 | 247 | | | |
| 45 | 133 | 147 | 157 | 166 | 185 | 225 | 256 | 264 | 133 | 133 | 119 | 106 | 104 | 115 | 148 | 207 | | | |
| 50 | 102 | 113 | 118 | 117 | 127 | 158 | 186 | 195 | 98.0 | 98.2 | 88.1 | 78.4 | 77.1 | 87.2 | 113 | 161 | | | |
| 55 | 87.3 | 95.9 | 98.7 | 94.4 | 100 | 125 | 152 | 162 | 81.3 | 81.5 | 72.1 | 64.1 | 61.6 | 71.4 | 93.9 | 137 | | | |
| 60 | 68.4 | 75.5 | 74.9 | 69.6 | 74.1 | 90.9 | 114 | 125 | 61.5 | 61.5 | 52.3 | 45.4 | 41.9 | 50.3 | 69.6 | 105 | | | |
| 65 | 57.1 | 63.7 | 61.1 | 57.3 | 60.3 | 73.9 | 92.6 | 104 | 50.4 | 49.4 | 41.6 | 33.8 | 30.8 | 36.6 | 54.5 | 85.0 | | | |
| 70 | 41.0 | 47.2 | 43.8 | 40.6 | 42.3 | 52.8 | 65.9 | 76.7 | 35.5 | 32.7 | 26.2 | 19.3 | 17.0 | 20.2 | 31.5 | 55.6 | | | |
| 75 | 30.4 | 35.9 | 32.7 | 30.1 | 31.7 | 40.0 | 51.0 | 58.9 | 25.9 | 22.1 | 16.5 | 11.3 | 9.01 | 10.47 | 18.9 | 36.1 | | | |
| 80 | 15.6 | 18.8 | 17.7 | 16.6 | 18.0 | 23.5 | 29.3 | 32.0 | 13.0 | 9.01 | 4.88 | 1.92 | 1.11 | 1.10 | 3.25 | 13.17 | | | |
| 85 | 7.33 | 9.57 | 8.86 | 8.47 | 9.68 | 13.1 | 16.4 | 17.6 | 5.95 | 3.02 | 0.69 | 0.32 | 0.14 | 0.22 | 0.49 | 2.64 | | | |
| 90 | 0.71 | 0.75 | 0.74 | 0.96 | 1.41 | 2.12 | 2.46 | 2.26 | 0.65 | 0.49 | 0.29 | 0.19 | 0.17 | 0.26 | 0.45 | 0.94 | | | |
| 95 | 0.57 | 0.50 | 0.32 | 0.25 | 0.24 | 0.33 | 0.46 | 0.85 | 0.50 | 0.58 | 0.34 | 0.24 | 0.23 | 0.33 | 0.53 | 1.04 | | | |
| 100 | 0.35 | 0.62 | 0.35 | 0.23 | 0.20 | 0.27 | 0.48 | 1.07 | 0.36 | 0.65 | 0.45 | 0.36 | 0.35 | 0.48 | 0.71 | 1.19 | | | |
| 105 | 0.45 | 0.69 | 0.44 | 0.31 | 0.27 | 0.36 | 0.60 | 1.13 | 0.44 | 0.73 | 0.54 | 0.45 | 0.45 | 0.60 | 0.85 | 1.33 | | | |
| 110 | 0.64 | 0.84 | 0.60 | 0.46 | 0.41 | 0.53 | 0.81 | 1.22 | 0.61 | 0.87 | 0.71 | 0.62 | 0.64 | 0.82 | 1.11 | 1.55 | | | |
| 115 | 0.78 | 0.95 | 0.72 | 0.58 | 0.54 | 0.67 | 0.97 | 1.30 | 0.75 | 0.97 | 0.84 | 0.76 | 0.79 | 1.01 | 1.34 | 1.74 | | | |
| 120 | 1.05 | 1.16 | 0.95 | 0.80 | 0.76 | 0.92 | 1.25 | 1.80 | 0.98 | 1.17 | 1.09 | 1.03 | 1.09 | 1.39 | 1.76 | 2.14 | | | |
| 125 | 1.29 | 1.34 | 1.14 | 0.98 | 0.94 | 1.12 | 1.48 | 2.13 | 1.18 | 1.20 | 1.30 | 1.28 | 1.37 | 1.73 | 2.14 | 2.28 | | | |
| 130 | 1.77 | 1.75 | 1.53 | 1.35 | 1.30 | 1.51 | 1.92 | 2.73 | 1.56 | 1.61 | 1.76 | 1.83 | 2.00 | 2.50 | 2.96 | 3.12 | | | |
| 135 | 2.26 | 2.14 | 1.89 | 1.69 | 1.63 | 1.88 | 2.33 | 3.28 | 1.93 | 2.14 | 2.25 | 2.41 | 2.67 | 3.32 | 3.84 | 4.18 | | | |
| 140 | 3.41 | 3.08 | 2.72 | 2.45 | 2.37 | 2.69 | 3.28 | 4.63 | 2.81 | 3.13 | 3.44 | 3.91 | 4.46 | 5.54 | 6.10 | 6.35 | | | |
| 145 | 4.63 | 4.12 | 3.61 | 3.24 | 3.13 | 3.54 | 4.33 | 5.97 | 3.74 | 4.20 | 4.71 | 5.52 | 6.46 | 8.01 | 8.54 | 8.60 | | | |
| 150 | 7.47 | 6.73 | 5.94 | 5.35 | 5.12 | 5.76 | 6.92 | 9.45 | 5.96 | 6.66 | 7.69 | 9.35 | 11.1 | 13.6 | 14.0 | 13.59 | | | |
| 155 | 10.4 | 9.49 | 8.53 | 7.79 | 7.48 | 8.26 | 9.68 | 12.97 | 8.24 | 9.11 | 10.6 | 13.1 | 15.7 | 18.8 | 19.2 | 18.4 | | | |
| 160 | 17.0 | 15.9 | 14.5 | 13.6 | 13.1 | 14.2 | 16.0 | 20.7 | 13.5 | 14.5 | 16.8 | 20.8 | 25.2 | 29.7 | 29.8 | 28.0 | | | |
| 165 | 22.9 | 21.8 | 20.2 | 19.2 | 18.7 | 19.8 | 21.9 | 27.6 | 18.4 | 19.4 | 21.7 | 26.8 | 32.9 | 38.0 | 37.9 | 35.7 | | | |
| 170 | 33.3 | 32.6 | 31.2 | 30.4 | 30.1 | 31.7 | 33.8 | 40.1 | 28.2 | 29.0 | 30.3 | 34.1 | 40.5 | 46.1 | 48.7 | 47.9 | | | |
| 175 | 39.8 | 39.4 | 38.5 | 38.7 | 39.0 | 41.0 | 42.5 | 49.2 | 35.6 | 36.5 | 37.3 | 39.5 | 43.1 | 48.0 | 53.0 | 55.7 | | | |
| 180 | 43.6 | 44.1 | 44.0 | 45.8 | 47.3 | 49.9 | 53.3 | 61.2 | 44.0 | 43.8 | 44.3 | 45.5 | 47.6 | 49.5 | 53.8 | 60.6 | | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-11-16

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks: