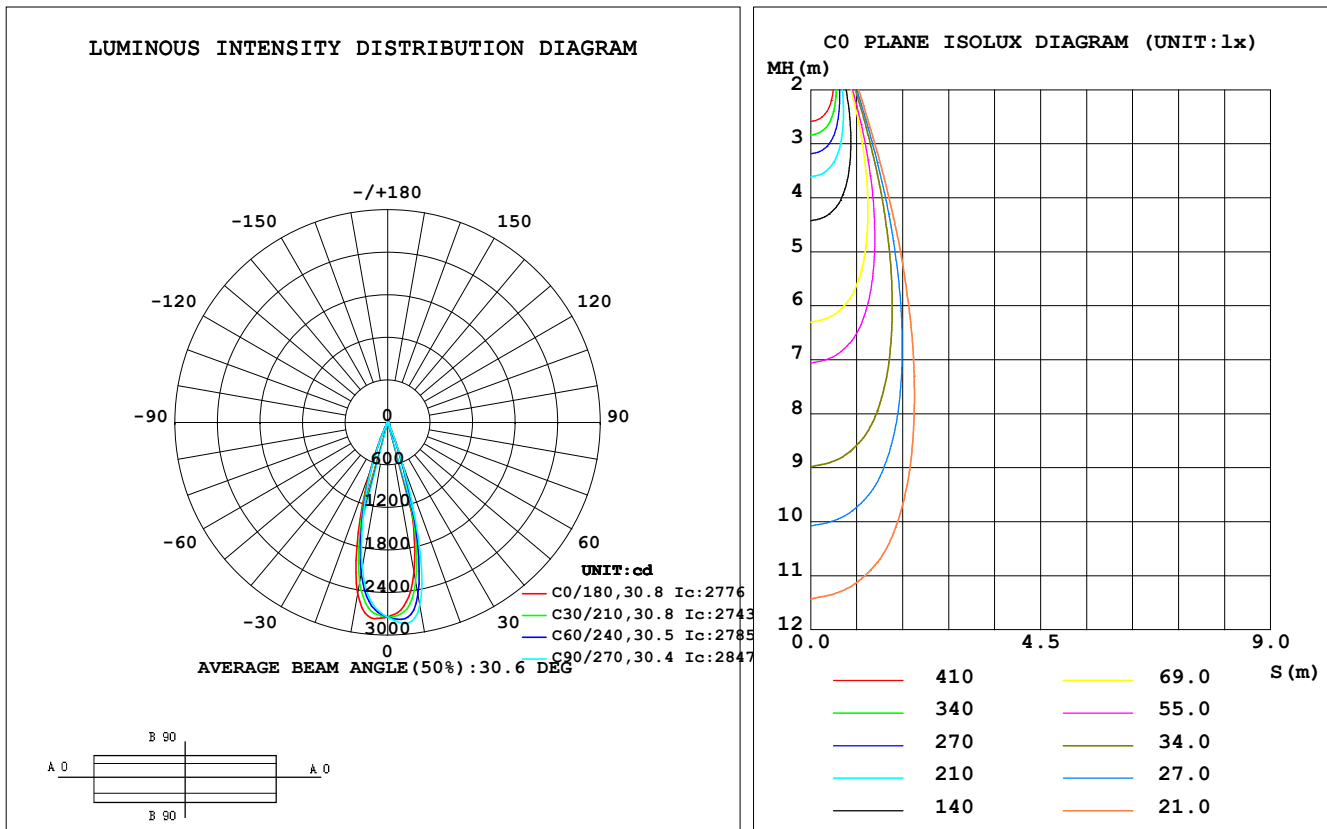


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 69.37 lm/W | | | |
|-------------------|-------------|----------------------------------|--------|---------------------|-----------|
| MODEL | 3000K CRI90 | I _{max} (cd) | 2864 | S/MH (C0/180) | 0.50 |
| NOMINAL POWER (W) | 11 | LOR (%) | 100.0 | S/MH (C90/270) | 0.48 |
| RATED VOLTAGE (V) | 220-240 | TOTAL FLUX (lm) | 756.16 | η UP, DN (C0-180) | 0.0, 52.0 |
| NOMINAL FLUX (lm) | 756.165 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 48.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE (V) | 230 | η down (%) | 100.0 | CIBSE SHR MAX | 1.00 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: AE
 Test Date: 2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 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 | 2145 | 2376 | 2615 | 2643 | 2448 | 2194 | 2076 | 1989 | 0- 10 | 245.3 | 245.3 | 32.4, 32.4 |
| 20 | 536.3 | 549.3 | 583.3 | 675.5 | 716.2 | 624.6 | 639.8 | 509.6 | 10- 20 | 388.5 | 633.9 | 83.8, 83.8 |
| 30 | 41.96 | 42.80 | 44.23 | 51.81 | 61.49 | 55.99 | 53.05 | 53.12 | 20- 30 | 91.35 | 725.2 | 95.9, 95.9 |
| 40 | 17.25 | 16.39 | 17.24 | 21.72 | 23.44 | 22.37 | 19.91 | 19.48 | 30- 40 | 20.21 | 745.4 | 98.6, 98.6 |
| 50 | 3.902 | 3.372 | 3.664 | 5.914 | 5.926 | 5.319 | 5.021 | 5.744 | 40- 50 | 8.472 | 753.9 | 99.7, 99.7 |
| 60 | 0.4590 | 0.3667 | 0.3339 | 0.5475 | 0.6589 | 0.7055 | 0.5854 | 0.6292 | 50- 60 | 1.945 | 755.8 | 100, 100 |
| 70 | 0.0627 | 0.0274 | 0.0354 | 0.0314 | 0.1212 | 0.1762 | 0.1096 | 0.1531 | 60- 70 | 0.1915 | 756.0 | 100, 100 |
| 80 | 0.0547 | 0.0783 | 0.0586 | 0.0746 | 0.0039 | 0.0237 | 0 | 0.0158 | 70- 80 | 0.0635 | 756.1 | 100, 100 |
| 90 | 0.1994 | 0.1995 | 0.1840 | 0.1843 | 0 | 0 | 0 | 0 | 80- 90 | 0.0710 | 756.2 | 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): 750.94 lm

%lum = 99.3%

%lamp = 99.3%

Conical surface Flux(120deg): 755.84 lm

%lum = 100.0%

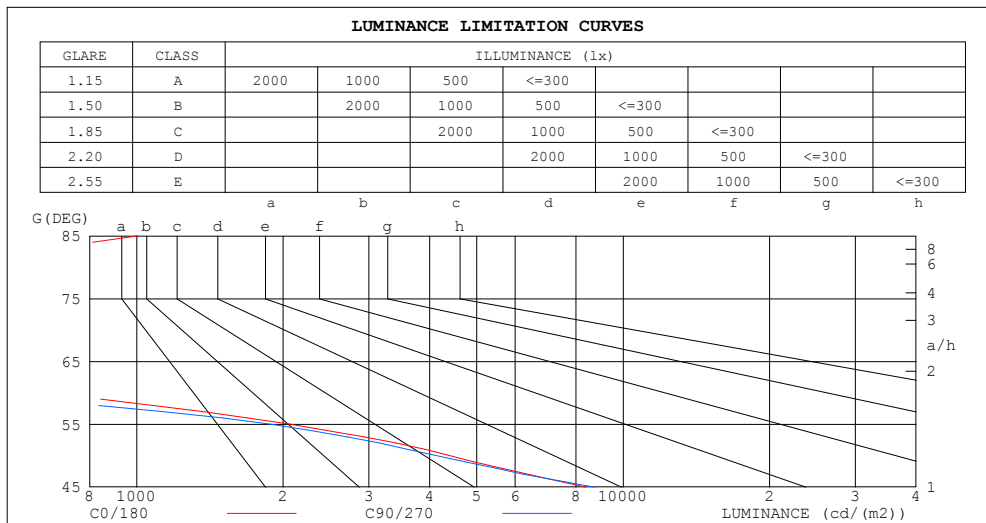
%lamp = 100.0%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: AE
 Test Date: 2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.240m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 1005 | 908 |
| 80 | 228 | 244 |
| 75 | 120 | 76 |
| 70 | 133 | 75 |
| 65 | 214 | 141 |
| 60 | 664 | 482 |
| 55 | 2061 | 1878 |
| 50 | 4389 | 4117 |
| 45 | 8374 | 8720 |

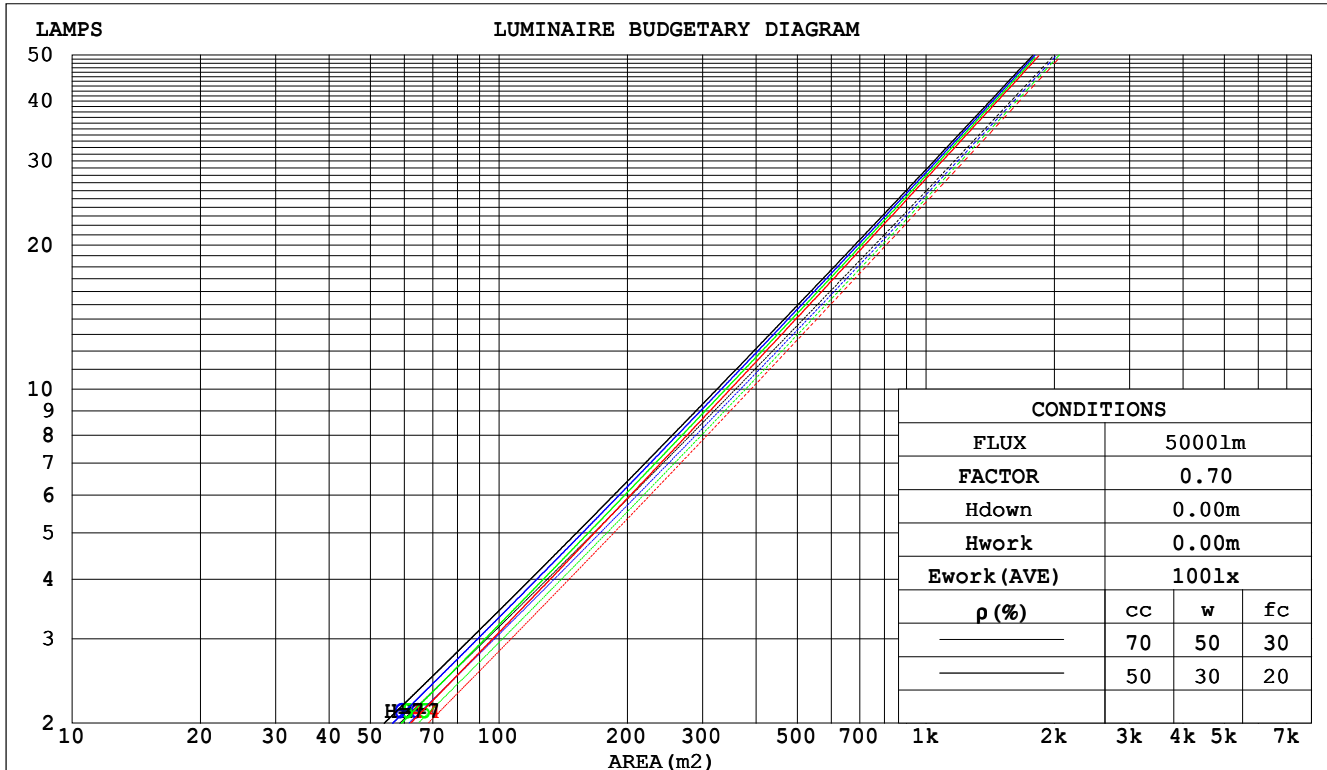
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | 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 | .00 |
| 1.0 | 1.13 | 1.11 | 1.09 | 1.11 | 1.09 | 1.08 | 1.07 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 |
| 2.0 | 1.08 | 1.05 | 1.02 | 1.06 | 1.03 | 1.01 | 1.03 | 1.01 | .99 | 1.00 | .98 | .97 | .97 | .96 | .95 | .93 |
| 3.0 | 1.03 | .00 | .97 | 1.02 | .99 | .96 | .99 | .97 | .94 | .97 | .95 | .93 | .95 | .93 | .92 | .90 |
| 4.0 | .99 | .95 | .92 | .98 | .95 | .92 | .96 | .93 | .91 | .94 | .92 | .90 | .93 | .90 | .89 | .88 |
| 5.0 | .96 | .91 | .88 | .95 | .91 | .88 | .93 | .90 | .87 | .92 | .89 | .87 | .90 | .88 | .86 | .85 |
| 6.0 | .92 | .88 | .85 | .92 | .88 | .85 | .90 | .87 | .84 | .89 | .86 | .84 | .88 | .85 | .83 | .82 |
| 7.0 | .89 | .85 | .82 | .89 | .85 | .82 | .88 | .84 | .82 | .87 | .84 | .81 | .86 | .83 | .81 | .80 |
| 8.0 | .87 | .82 | .80 | .86 | .82 | .80 | .85 | .82 | .79 | .84 | .81 | .79 | .83 | .81 | .79 | .78 |
| 9.0 | .84 | .80 | .77 | .84 | .80 | .77 | .83 | .79 | .77 | .82 | .79 | .77 | .81 | .79 | .76 | .76 |
| 10.0 | .82 | .78 | .75 | .81 | .78 | .75 | .81 | .77 | .75 | .80 | .77 | .75 | .79 | .77 | .74 | .74 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:AE
 Test Date:2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.240m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|---------|--|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | | | | |
| NAME: ALST45-11G30-F | | | TYPE: | | WEIGHT: |
| SPEC.: | | | DIM.: | | SERIAL No.: |
| MFR.: | | | SUR.:38 | | 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 | .136 | .077 | .025 | .130 | .074 | .023 | .117 | .067 | .021 | .106 | .061 | .020 | .095 | .055 | .018 | |
| 2.0 | .126 | .069 | .021 | .121 | .066 | .020 | .110 | .061 | .019 | .101 | .057 | .018 | .092 | .052 | .016 | |
| 3.0 | .117 | .063 | .019 | .113 | .060 | .018 | .104 | .057 | .017 | .097 | .053 | .016 | .089 | .049 | .015 | |
| 4.0 | .110 | .057 | .017 | .106 | .056 | .016 | .099 | .053 | .016 | .092 | .050 | .015 | .086 | .047 | .014 | |
| 5.0 | .104 | .053 | .015 | .101 | .052 | .015 | .094 | .049 | .014 | .089 | .047 | .014 | .083 | .045 | .013 | |
| 6.0 | .098 | .049 | .014 | .095 | .048 | .014 | .090 | .046 | .013 | .085 | .044 | .013 | .081 | .042 | .013 | |
| 7.0 | .093 | .046 | .013 | .091 | .045 | .013 | .086 | .044 | .013 | .082 | .042 | .012 | .078 | .041 | .012 | |
| 8.0 | .089 | .044 | .012 | .087 | .043 | .012 | .083 | .041 | .012 | .079 | .040 | .012 | .076 | .039 | .011 | |
| 9.0 | .085 | .041 | .012 | .083 | .041 | .011 | .080 | .039 | .011 | .076 | .038 | .011 | .073 | .037 | .011 | |
| 10.0 | .082 | .039 | .011 | .080 | .039 | .011 | .077 | .038 | .011 | .074 | .037 | .010 | .071 | .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 | .168 | .158 | .148 | .144 | .135 | .127 | .098 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 | |
| 2.0 | .150 | .133 | .118 | .129 | .114 | .102 | .088 | .079 | .071 | .051 | .046 | .042 | .016 | .015 | .014 | |
| 3.0 | .135 | .113 | .096 | .116 | .098 | .083 | .080 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .123 | .098 | .079 | .105 | .085 | .069 | .072 | .059 | .048 | .042 | .035 | .029 | .013 | .011 | .009 | |
| 5.0 | .112 | .086 | .066 | .096 | .074 | .057 | .066 | .052 | .041 | .038 | .030 | .024 | .012 | .010 | .008 | |
| 6.0 | .103 | .076 | .056 | .089 | .065 | .049 | .061 | .046 | .034 | .035 | .027 | .020 | .011 | .009 | .007 | |
| 7.0 | .096 | .067 | .048 | .082 | .058 | .041 | .057 | .041 | .029 | .033 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .089 | .061 | .041 | .077 | .053 | .036 | .053 | .037 | .025 | .031 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .084 | .055 | .036 | .072 | .048 | .031 | .050 | .034 | .022 | .029 | .020 | .013 | .009 | .006 | .004 | |
| 10.0 | .079 | .050 | .031 | .068 | .044 | .027 | .047 | .031 | .019 | .027 | .018 | .012 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|------------------|-----|-----|-----|---------|----------------|-----|------------------|-----|-----|-----|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | | | | | | | | | | |
| NAME: ALST45-11G30-F | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.:38 | | | 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 | 8.8 | 9.5 | 9.0 | 9.6 | 9.8 | 8.7 | 9.4 | 8.9 | 9.5 | 9.7 | |
| | 3H | 8.7 | 9.3 | 8.9 | 9.5 | 9.7 | 8.6 | 9.2 | 8.8 | 9.4 | 9.5 |
| | 4H | 8.6 | 9.2 | 8.9 | 9.4 | 9.6 | 8.5 | 9.1 | 8.7 | 9.3 | 9.5 |
| | 6H | 8.5 | 9.1 | 8.8 | 9.3 | 9.5 | 8.4 | 8.9 | 8.7 | 9.2 | 9.4 |
| | 8H | 8.5 | 9.0 | 8.8 | 9.3 | 9.5 | 8.4 | 8.9 | 8.7 | 9.1 | 9.4 |
| | 12H | 8.5 | 9.0 | 8.8 | 9.2 | 9.5 | 8.3 | 8.8 | 8.6 | 9.1 | 9.4 |
| 4H | 2H | 8.6 | 9.2 | 8.9 | 9.4 | 9.6 | 8.5 | 9.1 | 8.8 | 9.3 | 9.5 |
| | 3H | 8.5 | 9.0 | 8.8 | 9.2 | 9.5 | 8.3 | 8.8 | 8.6 | 9.1 | 9.4 |
| | 4H | 8.4 | 8.8 | 8.7 | 9.1 | 9.4 | 8.2 | 8.7 | 8.6 | 9.0 | 9.3 |
| | 6H | 8.3 | 8.7 | 8.6 | 9.0 | 9.3 | 8.1 | 8.5 | 8.5 | 8.9 | 9.2 |
| | 8H | 8.2 | 8.6 | 8.6 | 9.0 | 9.3 | 8.1 | 8.5 | 8.5 | 8.8 | 9.2 |
| | 12H | 8.2 | 8.5 | 8.6 | 8.9 | 9.3 | 8.1 | 8.4 | 8.5 | 8.8 | 9.2 |
| 8H | 4H | 8.2 | 8.6 | 8.6 | 8.9 | 9.3 | 8.1 | 8.5 | 8.5 | 8.8 | 9.2 |
| | 6H | 8.1 | 8.4 | 8.5 | 8.8 | 9.2 | 8.0 | 8.3 | 8.4 | 8.7 | 9.1 |
| | 8H | 8.1 | 8.3 | 8.5 | 8.8 | 9.2 | 7.9 | 8.2 | 8.4 | 8.6 | 9.1 |
| | 12H | 8.1 | 8.3 | 8.5 | 8.7 | 9.2 | 7.9 | 8.1 | 8.4 | 8.6 | 9.1 |
| 12H | 4H | 8.2 | 8.5 | 8.6 | 8.9 | 9.3 | 8.0 | 8.4 | 8.4 | 8.7 | 9.1 |
| | 6H | 8.0 | 8.3 | 8.5 | 8.7 | 9.2 | 7.9 | 8.2 | 8.4 | 8.6 | 9.0 |
| | 8H | 8.0 | 8.2 | 8.5 | 8.7 | 9.2 | 7.9 | 8.1 | 8.3 | 8.5 | 9.0 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 3.0 / -11.1 | | | | | + 2.8 / -12.4 | | | | | |
| 1.5H | + 4.9 / - 8.3 | | | | | + 4.6 / - 8.9 | | | | | |
| 2.0H | + 6.5 / -10.3 | | | | | + 6.8 / -11.5 | | | | | |

CIE Pub.117, 756.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |

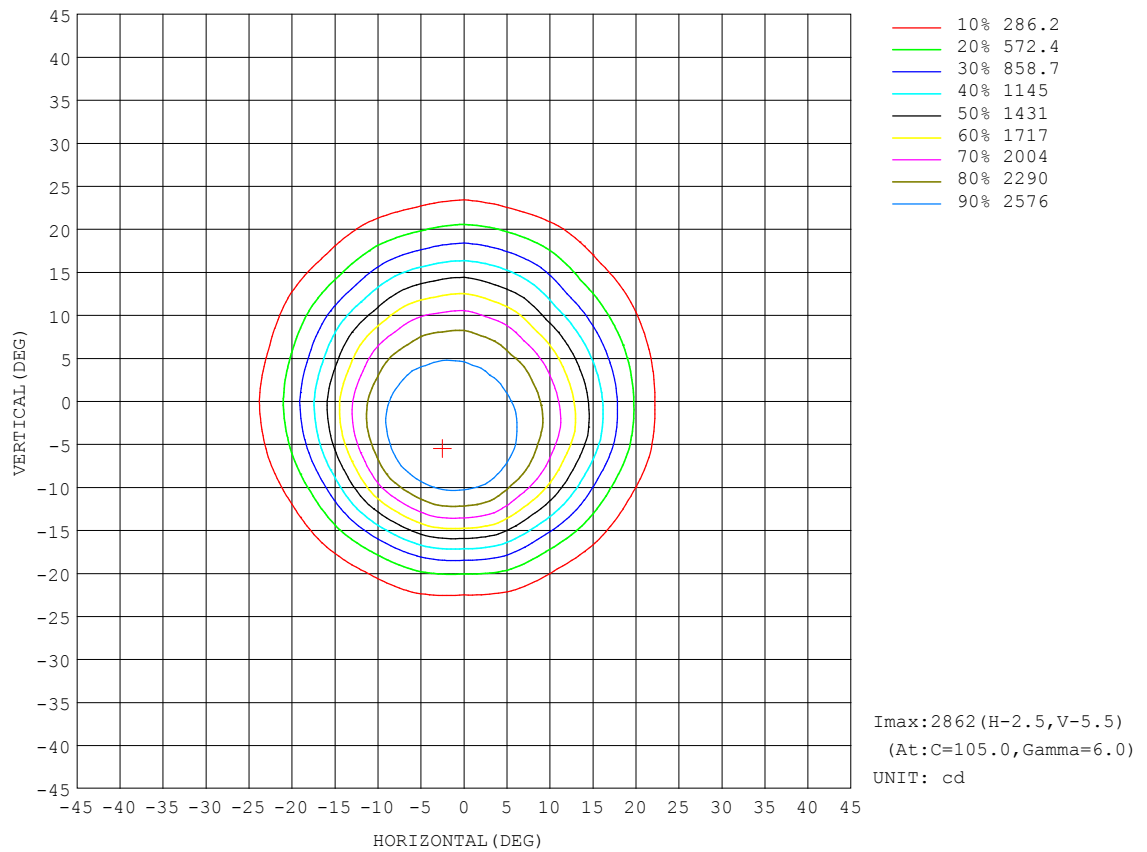
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 91 | 85 | 81 | 90 | 85 | 81 | 89 | 84 | 81 | 78 |
| 0.80 | 98 | 92 | 89 | 97 | 92 | 89 | 96 | 92 | 89 | 85 |
| 1.00 | 102 | 96 | 93 | 101 | 96 | 93 | 99 | 96 | 92 | 89 |
| 1.25 | 105 | 100 | 97 | 104 | 100 | 97 | 102 | 99 | 96 | 92 |
| 1.50 | 108 | 103 | 100 | 106 | 103 | 100 | 104 | 101 | 99 | 95 |
| 2.00 | 110 | 106 | 103 | 108 | 105 | 102 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 107 | 104 | 107 | 104 | 102 | 97 |
| 3.00 | 113 | 110 | 107 | 111 | 108 | 106 | 108 | 105 | 104 | 98 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 109 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 114 | 112 | 110 | 110 | 108 | 107 | 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:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |

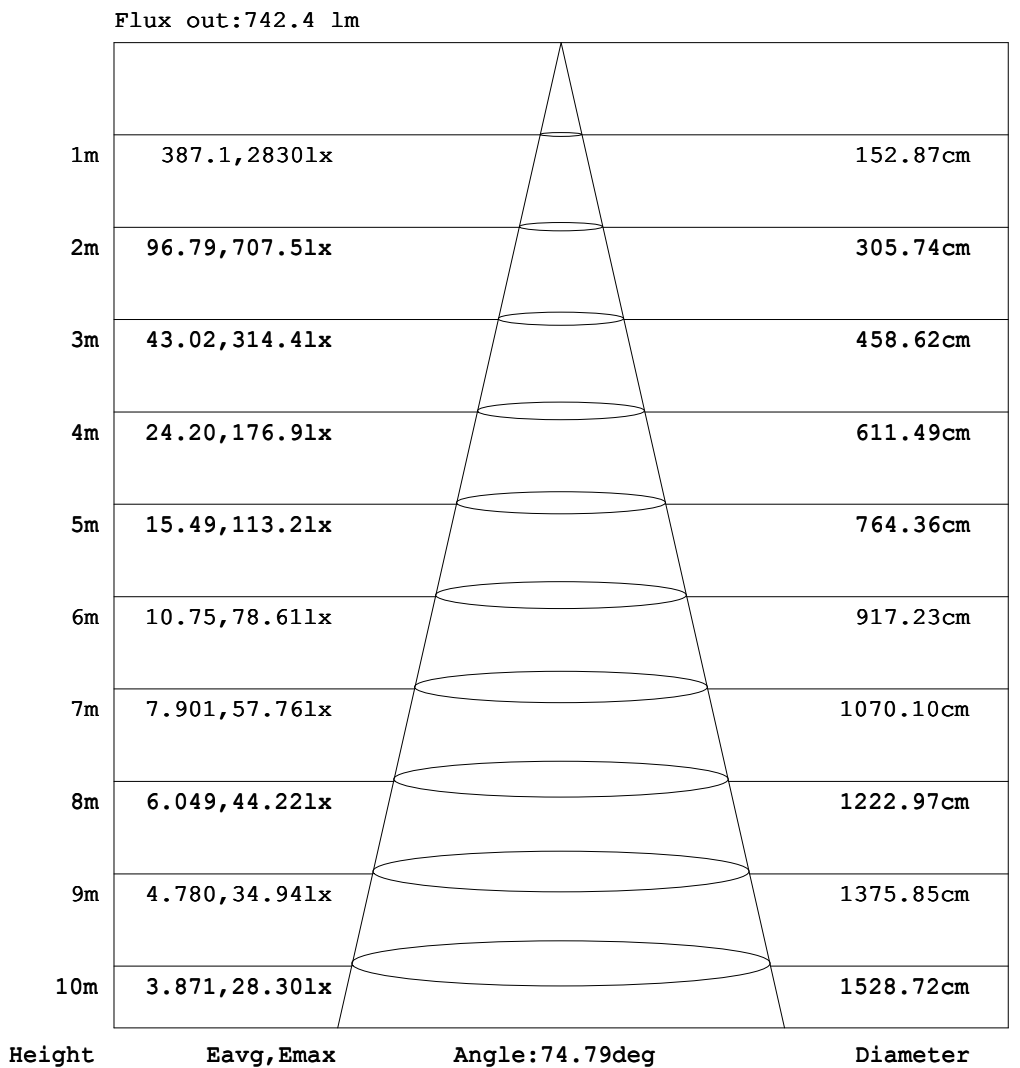


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |



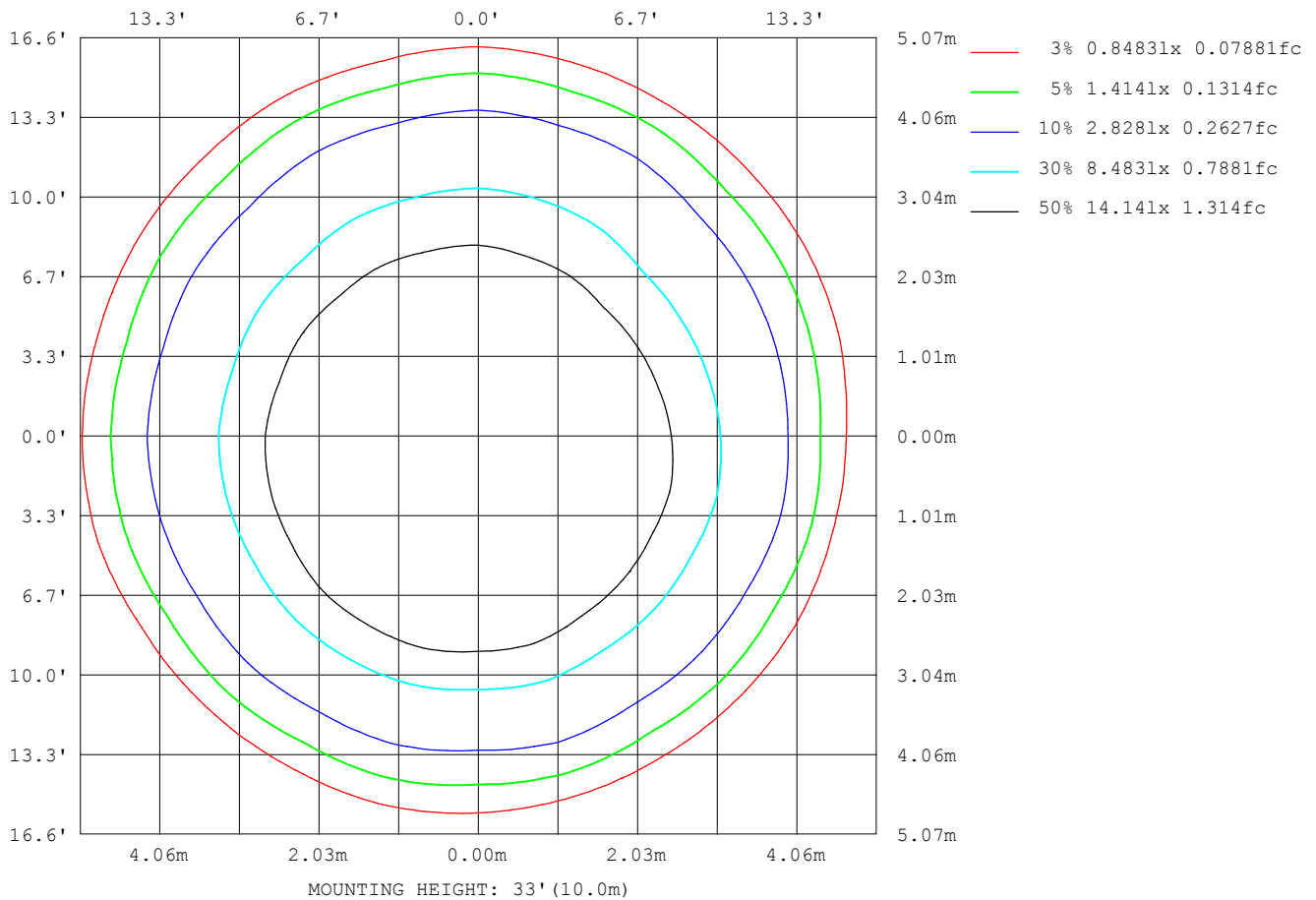
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: AE
 Test Date: 2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 7.240m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|---------|------------------|
| Test:U:225.1V I:0.0530A P:10.90W PF:0.9080 Freq:0Hz Lamp Flux:756.165x1 lm | | |
| NAME: ALST45-11G30-F | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:38 | Shielding Angle: |

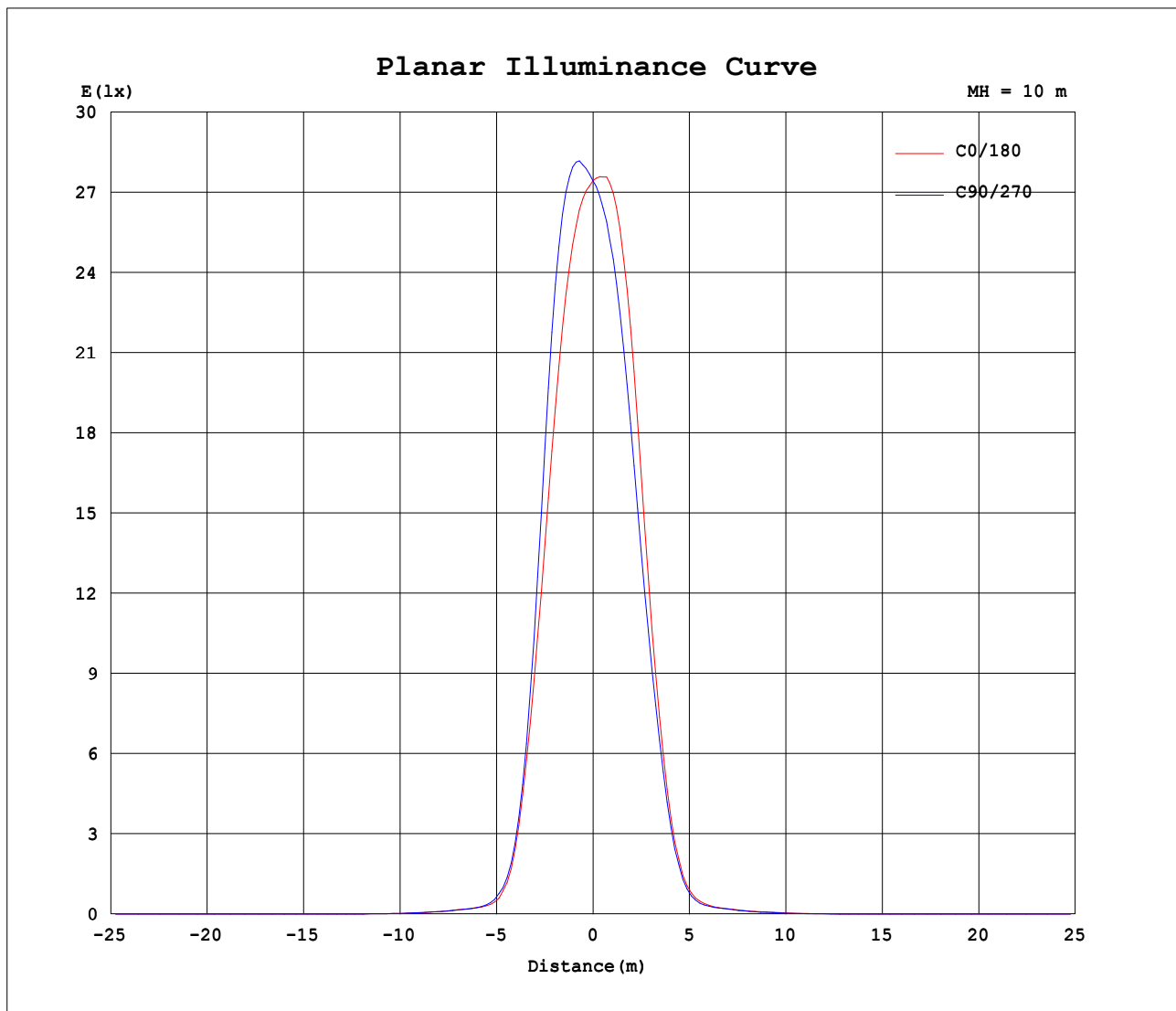
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 258 |
| L_0~180 (75) av | 164 |
| L_0~180 (85) av | 502 |
| L_90~270 (65) av | 224 |
| L_90~270 (75) av | 104 |
| L_90~270 (85) av | 454 |
| L_45 (65) av | 250 |
| L_45 (75) av | 194 |
| L_45 (85) av | 569 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:AE
Test Date:2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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: 2020-11-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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 V2.0.362
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 V2.0.362
Humidity:65.0%
Test Distance:7.240m [K=1.0000]
Remarks:

```