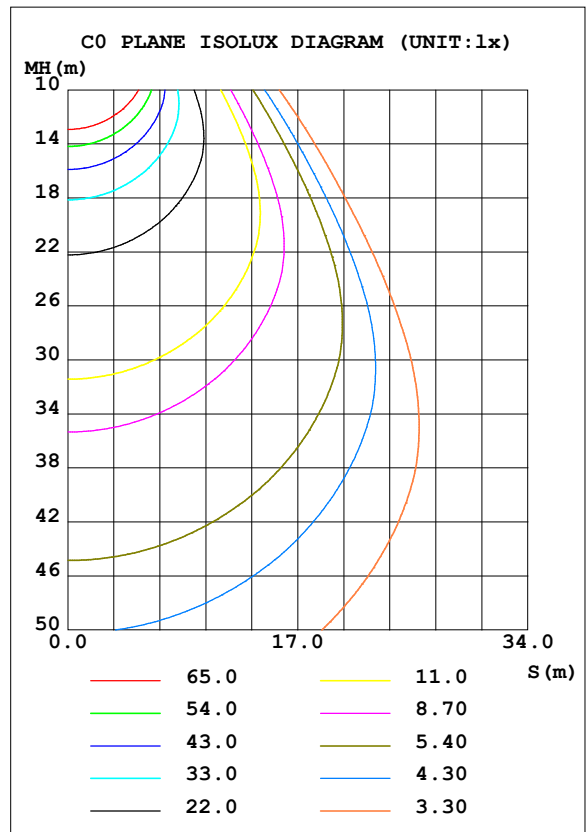
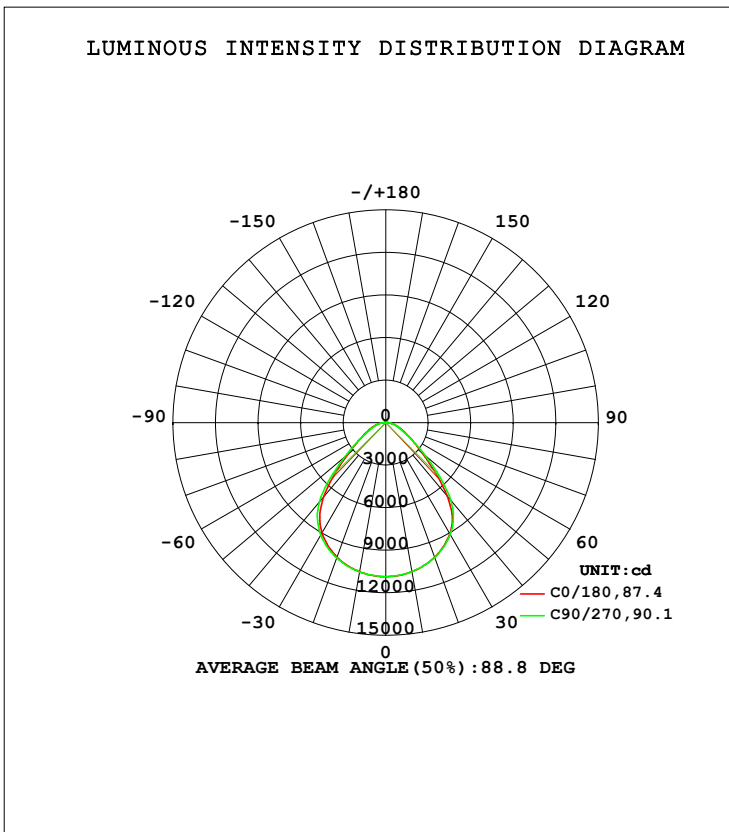


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 141.50 lm/W | | | |
|-------------------|---------|-----------------------------------|--------|--|-----------|
| MODEL | | I _{max} (cd) | 10864 | S/MH (C0/180) | 1.23 |
| NOMINAL POWER (W) | 160 | LOR (%) | 100.5 | S/MH (C90/270) | 1.25 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 22396 | <input type="checkbox"/> UP, DN (C0-180) | 0.5, 49.5 |
| NOMINAL FLUX (lm) | 22284.7 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.5, 50.0 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 1.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120 | <input type="checkbox"/> down (%) | 99.5 | CIBSE SHR MAX | 1.30 |



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 15DEG
 Operators: lianghaizhu
 Test Date: 2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity: 56%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| mm | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | mm | □ zone | □ total | %lum, lamp |
|-----|--------------------------|--------|--------|--------|--------|-------|--------|--------|---------|---------|---------|------------|
| 10 | 1067 | 1066 | 1066 | 1068 | 1068 | 1070 | 1069 | 1065 | 0- 10 | 1028 | 1028 | 4.59,4.61 |
| 20 | 1010 | 1008 | 1011 | 1012 | 1009 | 1015 | 1015 | 1008 | 10- 20 | 2946 | 3974 | 17.7,17.8 |
| 30 | 904.2 | 903.3 | 909.3 | 908.9 | 899.6 | 912.4 | 916.1 | 904.1 | 20- 30 | 4446 | 8420 | 37.6,37.8 |
| 40 | 675.1 | 686.2 | 712.9 | 708.5 | 680.8 | 716.7 | 728.7 | 690.2 | 30- 40 | 5119 | 13539 | 60.5,60.8 |
| 50 | 340.0 | 342.6 | 368.0 | 370.9 | 353.0 | 376.6 | 380.4 | 346.2 | 40- 50 | 4019 | 17557 | 78.4,78.8 |
| 60 | 179.6 | 168.2 | 172.1 | 183.6 | 186.2 | 183.8 | 177.8 | 172.2 | 50- 60 | 2284 | 19841 | 88.6,89 |
| 70 | 98.94 | 96.31 | 93.82 | 104.8 | 104.3 | 104.6 | 95.33 | 98.34 | 60- 70 | 1321 | 21162 | 94.5,95 |
| 80 | 43.21 | 44.85 | 48.36 | 52.66 | 48.65 | 53.08 | 49.49 | 45.56 | 70- 80 | 778.7 | 21941 | 98,98.5 |
| 90 | 0.7354 | 0.7682 | 0.7796 | 0.9958 | 0.8635 | 1.053 | 0.7966 | 0.7975 | 80- 90 | 237.8 | 22179 | 99,99.5 |
| 100 | 1.204 | 1.267 | 1.284 | 1.199 | 1.276 | 1.281 | 1.354 | 1.351 | 90-100 | 10.90 | 22190 | 99.1,99.6 |
| 110 | 1.956 | 2.034 | 2.082 | 1.949 | 2.088 | 2.090 | 2.187 | 2.168 | 100-110 | 17.48 | 22207 | 99.2,99.7 |
| 120 | 2.924 | 3.009 | 3.077 | 2.915 | 3.073 | 3.060 | 3.185 | 3.144 | 110-120 | 25.20 | 22233 | 99.3,99.8 |
| 130 | 4.013 | 4.078 | 4.174 | 3.986 | 4.186 | 4.136 | 4.294 | 4.219 | 120-130 | 32.12 | 22265 | 99.4,99.9 |
| 140 | 5.042 | 5.102 | 5.181 | 5.032 | 5.254 | 5.193 | 5.332 | 5.255 | 130-140 | 36.02 | 22301 | 99.6,100 |
| 150 | 5.969 | 6.045 | 6.114 | 5.998 | 6.222 | 6.196 | 6.301 | 6.237 | 140-150 | 35.43 | 22336 | 99.7,100 |
| 160 | 6.987 | 7.049 | 7.130 | 6.948 | 7.269 | 7.184 | 7.331 | 7.275 | 150-160 | 30.57 | 22367 | 99.9,100 |
| 170 | 7.984 | 7.970 | 8.059 | 7.900 | 8.166 | 8.073 | 8.210 | 8.122 | 160-170 | 21.49 | 22388 | 100,100 |
| 180 | 8.567 | 8.479 | 8.570 | 8.462 | 8.572 | 8.479 | 8.576 | 8.462 | 170-180 | 7.896 | 22396 | 100,100 |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 15799 lm

%lum = 70.5%

%lamp = 70.9%

Conical surface Flux(120deg): 19841 lm

%lum = 88.6%

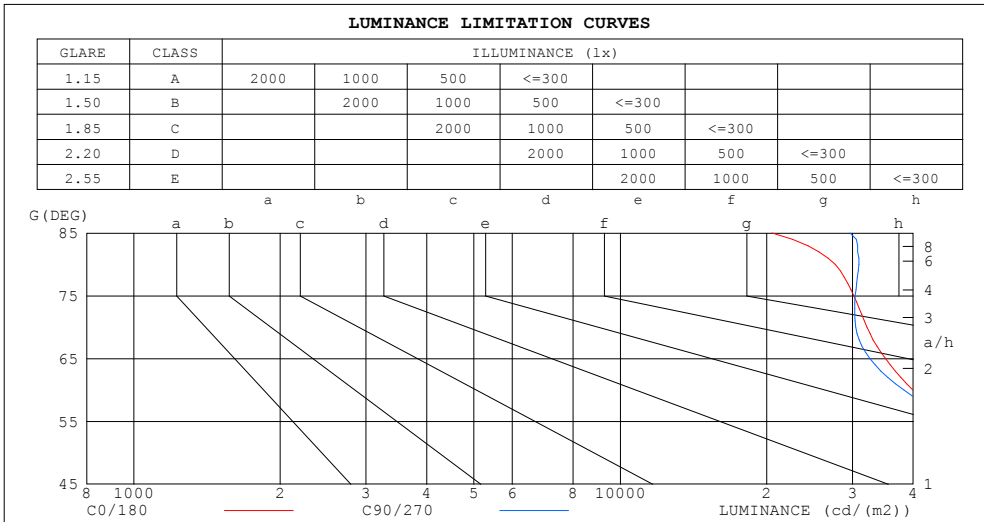
%lamp = 89.0%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 20509 | 29677 |
| 80 | 27647 | 30942 |
| 75 | 30185 | 30402 |
| 70 | 32144 | 30480 |
| 65 | 35082 | 32587 |
| 60 | 39921 | 38252 |
| 55 | 47249 | 48384 |
| 50 | 58775 | 63605 |
| 45 | 76898 | 84300 |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | 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 | .258 .147 .046 | .250 .143 .045 | .237 .136 .043 | .224 .129 .042 | .213 .123 .040 | |
| 2.0 | .246 .135 .041 | .239 .132 .041 | .228 .127 .039 | .217 .122 .038 | .206 .117 .037 | |
| 3.0 | .231 .123 .037 | .225 .121 .036 | .215 .117 .035 | .205 .113 .035 | .196 .109 .034 | |
| 4.0 | .216 .112 .033 | .212 .111 .033 | .202 .107 .032 | .194 .104 .031 | .186 .101 .031 | |
| 5.0 | .203 .103 .030 | .199 .102 .030 | .190 .099 .029 | .183 .096 .029 | .176 .094 .028 | |
| 6.0 | .191 .096 .027 | .187 .094 .027 | .179 .092 .027 | .173 .090 .026 | .166 .088 .026 | |
| 7.0 | .179 .089 .025 | .176 .088 .025 | .169 .086 .025 | .163 .084 .024 | .158 .082 .024 | |
| 8.0 | .169 .083 .023 | .166 .082 .023 | .160 .080 .023 | .155 .078 .023 | .150 .077 .022 | |
| 9.0 | .160 .077 .022 | .157 .077 .021 | .152 .075 .021 | .147 .074 .021 | .142 .072 .021 | |
| 10.0 | .151 .073 .020 | .149 .072 .020 | .144 .071 .020 | .140 .069 .020 | .135 .068 .020 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|---|----------------|----------------|---|
| <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 | .199 .199 .199 | .170 .170 .170 | .116 .116 .116 | .067 .067 .067 | .021 .021 .021 | |
| 1.0 | .185 .165 .147 | .158 .142 .126 | .108 .097 .087 | .062 .056 .051 | .020 .018 .016 | |
| 2.0 | .174 .140 .112 | .149 .121 .097 | .102 .084 .067 | .059 .049 .040 | .019 .016 .013 | |
| 3.0 | .165 .122 .088 | .142 .105 .076 | .097 .073 .053 | .056 .043 .032 | .018 .014 .010 | |
| 4.0 | .157 .108 .071 | .135 .094 .062 | .093 .065 .044 | .054 .038 .026 | .017 .012 .008 | |
| 5.0 | .149 .098 .059 | .128 .084 .052 | .088 .059 .036 | .051 .035 .022 | .016 .011 .007 | |
| 6.0 | .142 .089 .050 | .122 .077 .044 | .084 .054 .031 | .049 .032 .018 | .016 .010 .006 | |
| 7.0 | .136 .082 .044 | .117 .071 .038 | .081 .050 .027 | .047 .029 .016 | .015 .010 .005 | |
| 8.0 | .130 .076 .039 | .112 .066 .034 | .077 .046 .024 | .045 .027 .014 | .015 .009 .005 | |
| 9.0 | .125 .071 .035 | .107 .062 .030 | .074 .043 .022 | .043 .026 .013 | .014 .008 .004 | |
| 10.0 | .119 .067 .032 | .103 .058 .028 | .071 .041 .020 | .042 .024 .012 | .013 .008 .004 | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-----------------|----------------|------|------------------|------|------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | | | | | | | | | |
| NAME: ASD-WHB5A-A160DAC-5000K | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: ASD LIGHTING CORP | | | | | SUR.:0.36*0.25m | | | 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 | 25.5 | 26.8 | 25.7 | 27.0 | 27.2 | 25.6 | 26.9 | 25.8 | 27.1 | 27.3 |
| 3H | 26.1 | 27.4 | 26.4 | 27.6 | 27.8 | 26.2 | 27.4 | 26.5 | 27.6 | 27.8 |
| 4H | 26.5 | 27.6 | 26.8 | 27.9 | 28.1 | 26.5 | 27.6 | 26.8 | 27.9 | 28.1 |
| 6H | 26.7 | 27.8 | 27.1 | 28.1 | 28.4 | 26.8 | 27.9 | 27.1 | 28.1 | 28.4 |
| 8H | 26.8 | 27.9 | 27.2 | 28.1 | 28.4 | 26.9 | 27.9 | 27.3 | 28.2 | 28.5 |
| 12H | 26.8 | 27.8 | 27.2 | 28.1 | 28.5 | 27.0 | 28.0 | 27.4 | 28.3 | 28.6 |
| 4H 2H | 25.6 | 26.8 | 25.9 | 27.0 | 27.3 | 25.7 | 26.9 | 26.0 | 27.1 | 27.4 |
| 3H | 26.5 | 27.5 | 26.9 | 27.8 | 28.1 | 26.5 | 27.5 | 26.9 | 27.8 | 28.1 |
| 4H | 27.0 | 27.9 | 27.4 | 28.2 | 28.6 | 27.0 | 27.9 | 27.4 | 28.2 | 28.6 |
| 6H | 27.4 | 28.2 | 27.8 | 28.6 | 29.0 | 27.5 | 28.3 | 27.9 | 28.6 | 29.0 |
| 8H | 27.6 | 28.3 | 28.0 | 28.7 | 29.1 | 27.7 | 28.4 | 28.1 | 28.8 | 29.2 |
| 12H | 27.6 | 28.3 | 28.1 | 28.7 | 29.1 | 27.8 | 28.5 | 28.2 | 28.9 | 29.3 |
| 8H 4H | 27.2 | 27.9 | 27.6 | 28.3 | 28.7 | 27.2 | 27.9 | 27.6 | 28.3 | 28.7 |
| 6H | 27.7 | 28.3 | 28.2 | 28.7 | 29.2 | 27.8 | 28.4 | 28.2 | 28.8 | 29.2 |
| 8H | 27.9 | 28.5 | 28.4 | 28.9 | 29.4 | 28.1 | 28.6 | 28.5 | 29.0 | 29.5 |
| 12H | 28.0 | 28.5 | 28.5 | 29.0 | 29.5 | 28.3 | 28.7 | 28.8 | 29.2 | 29.7 |
| 12H 4H | 27.2 | 27.8 | 27.6 | 28.2 | 28.7 | 27.2 | 27.8 | 27.6 | 28.2 | 28.7 |
| 6H | 27.8 | 28.3 | 28.2 | 28.7 | 29.2 | 27.8 | 28.4 | 28.3 | 28.8 | 29.3 |
| 8H | 28.0 | 28.5 | 28.5 | 28.9 | 29.4 | 28.1 | 28.6 | 28.6 | 29.0 | 29.5 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.6 / - 0.7 | | | | | + 0.6 / - 0.7 | | | | |
| 1.5H | + 0.6 / - 0.5 | | | | | + 0.6 / - 0.5 | | | | |
| 2.0H | + 1.3 / - 0.7 | | | | | + 1.4 / - 0.8 | | | | |

CIE Pub.117, 22285 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 10.8)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |

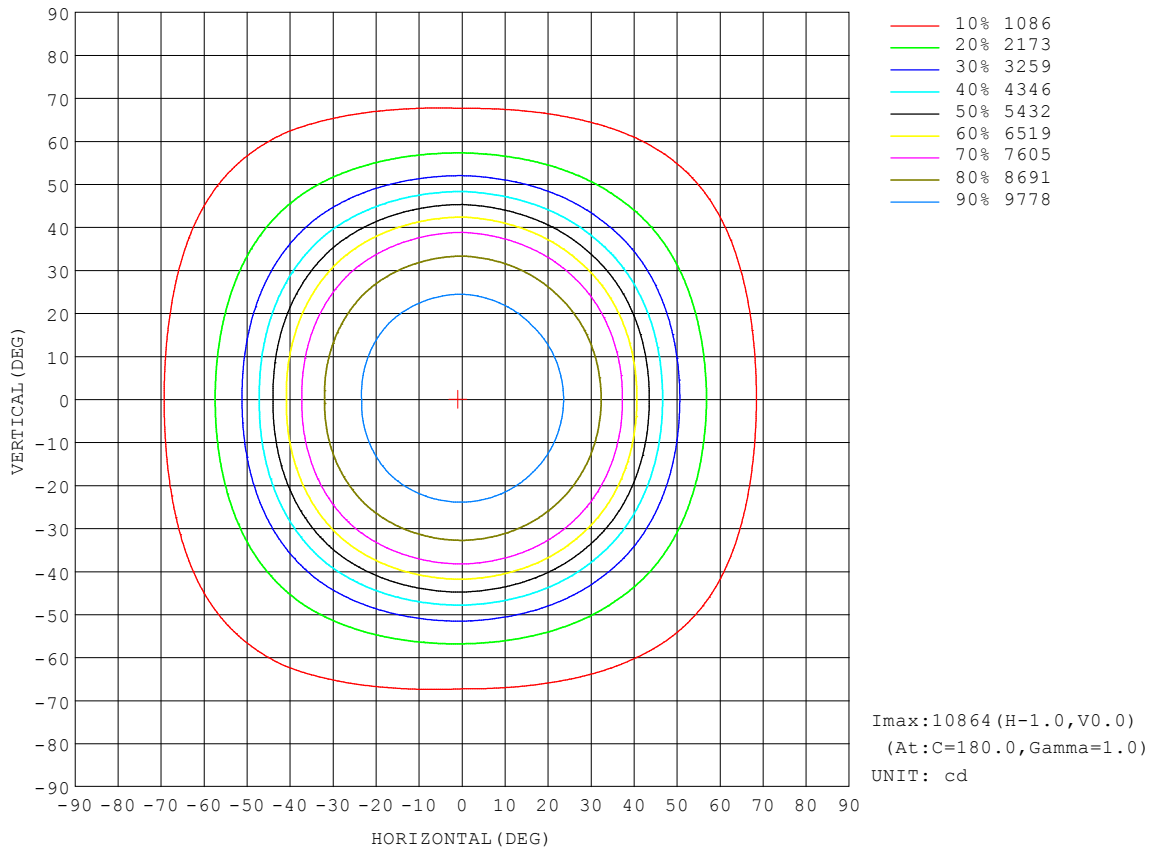
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 67 | 57 | 51 | 66 | 57 | 51 | 65 | 56 | 51 | 45 |
| 0.80 | 77 | 67 | 61 | 76 | 67 | 61 | 74 | 66 | 60 | 55 |
| 1.00 | 85 | 75 | 69 | 83 | 75 | 69 | 81 | 76 | 69 | 62 |
| 1.25 | 91 | 82 | 77 | 89 | 82 | 76 | 87 | 80 | 75 | 69 |
| 1.50 | 95 | 87 | 82 | 94 | 86 | 81 | 91 | 85 | 80 | 73 |
| 2.00 | 101 | 94 | 89 | 99 | 93 | 88 | 96 | 90 | 86 | 79 |
| 2.50 | 104 | 97 | 92 | 102 | 96 | 92 | 98 | 93 | 89 | 82 |
| 3.00 | 106 | 101 | 96 | 104 | 99 | 95 | 100 | 96 | 93 | 85 |
| 4.00 | 109 | 105 | 101 | 107 | 103 | 100 | 103 | 100 | 97 | 88 |
| 5.00 | 111 | 107 | 104 | 109 | 105 | 102 | 104 | 102 | 99 | 90 |
| 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:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |

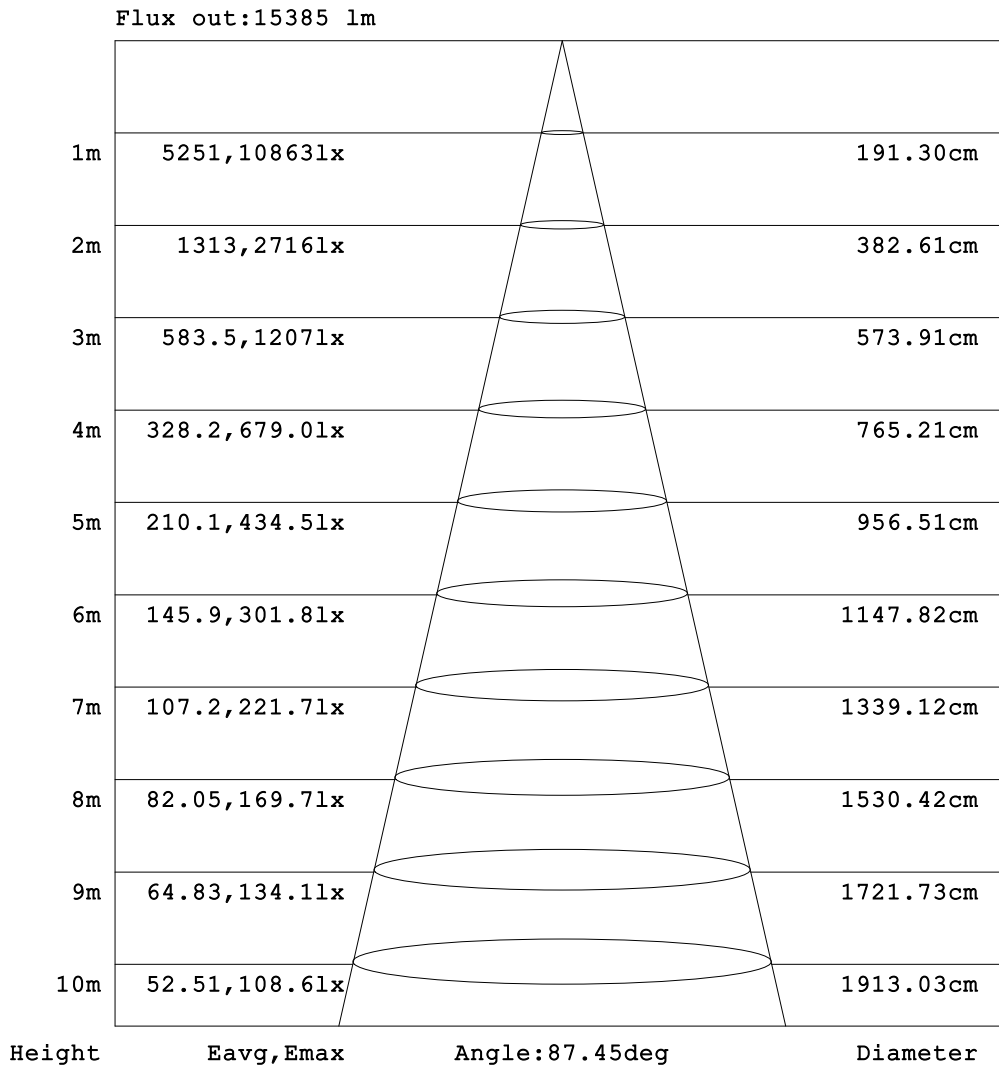


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 15DEG
 Operators: lianghaizhu
 Test Date: 2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity: 56%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |

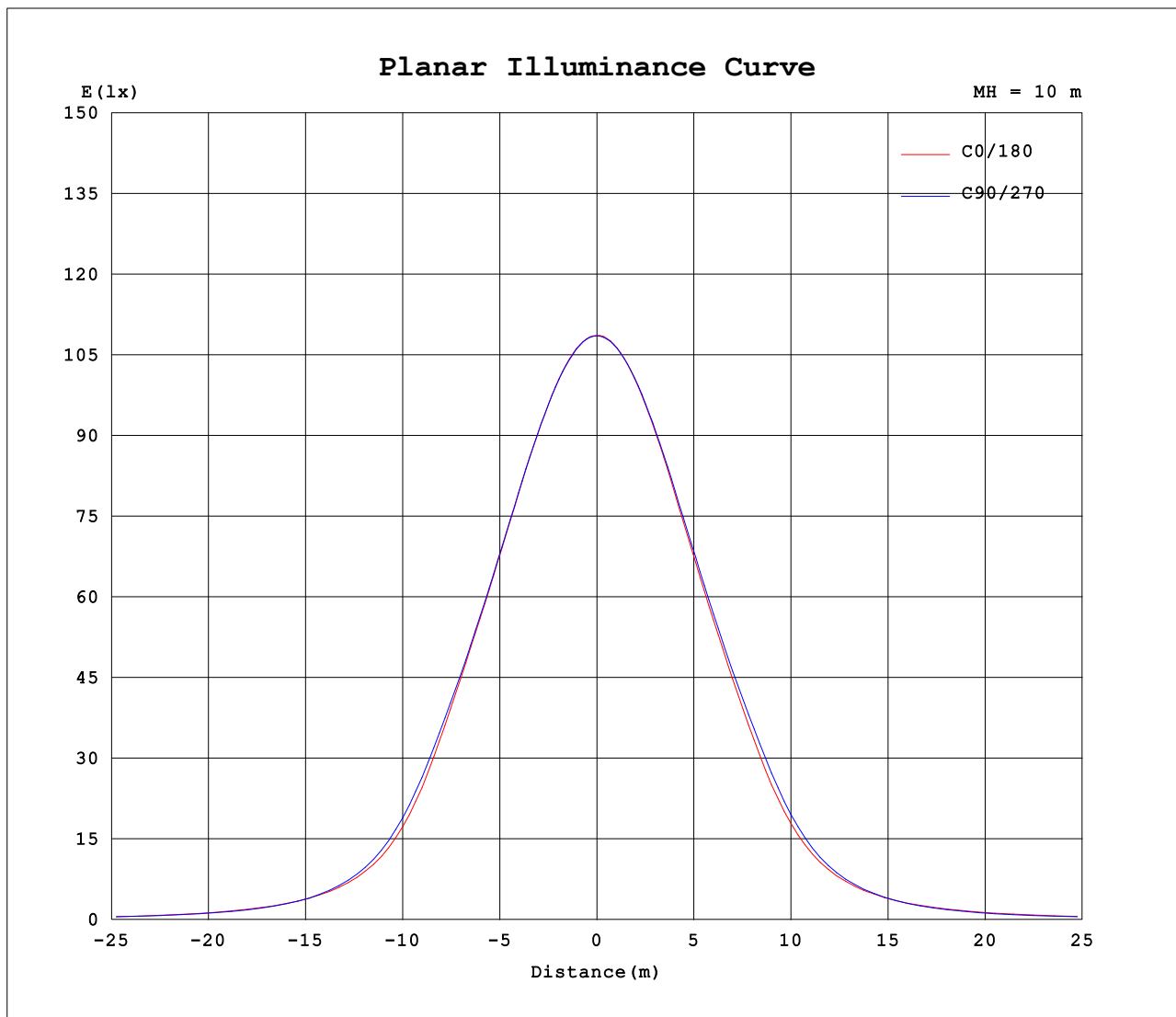


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:15DEG
Operators:lianghaizhu
Test Date:2022-12-31

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:6.500m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-----------------|------------------|
| Test:U:121.2V I:1.343A P:158.3W PF:0.9966 Freq:59.98Hz Lamp Flux:22284.7x1 lm | | |
| NAME: ASD-WHB5A-A160DAC-5000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.:0.36*0.25m | Shielding Angle: |

Table--1

UNIT: x10cd

| C (DEG) □ (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 1086 | 1086 | 1086 | 1085 | 1086 | 1086 | 1086 | 1085 | | | | | | | | | | |
| 5 | 1082 | 1080 | 1080 | 1081 | 1082 | 1083 | 1081 | 1080 | | | | | | | | | | |
| 10 | 1067 | 1066 | 1066 | 1068 | 1068 | 1070 | 1069 | 1065 | | | | | | | | | | |
| 15 | 1043 | 1042 | 1044 | 1045 | 1044 | 1047 | 1047 | 1041 | | | | | | | | | | |
| 20 | 1010 | 1008 | 1011 | 1012 | 1009 | 1015 | 1015 | 1008 | | | | | | | | | | |
| 25 | 964 | 963 | 967 | 968 | 961 | 971 | 972 | 963 | | | | | | | | | | |
| 30 | 904 | 903 | 909 | 909 | 900 | 912 | 916 | 904 | | | | | | | | | | |
| 35 | 819 | 821 | 832 | 831 | 813 | 836 | 841 | 823 | | | | | | | | | | |
| 40 | 675 | 686 | 713 | 708 | 681 | 717 | 729 | 690 | | | | | | | | | | |
| 45 | 489 | 499 | 536 | 535 | 506 | 543 | 554 | 503 | | | | | | | | | | |
| 50 | 340 | 343 | 368 | 371 | 353 | 377 | 380 | 346 | | | | | | | | | | |
| 55 | 244 | 237 | 250 | 257 | 252 | 260 | 258 | 241 | | | | | | | | | | |
| 60 | 180 | 168 | 172 | 184 | 186 | 184 | 178 | 172 | | | | | | | | | | |
| 65 | 133 | 125 | 124 | 136 | 139 | 136 | 127 | 128 | | | | | | | | | | |
| 70 | 98.9 | 96.3 | 93.8 | 105 | 104 | 105 | 95.3 | 98.3 | | | | | | | | | | |
| 75 | 70.3 | 71.0 | 70.8 | 78.9 | 75.9 | 79.1 | 72.0 | 72.0 | | | | | | | | | | |
| 80 | 43.2 | 44.8 | 48.4 | 52.7 | 48.7 | 53.1 | 49.5 | 45.6 | | | | | | | | | | |
| 85 | 16.1 | 17.0 | 23.3 | 25.8 | 20.7 | 26.1 | 24.9 | 17.6 | | | | | | | | | | |
| 90 | 0.74 | 0.77 | 0.78 | 1.00 | 0.86 | 1.05 | 0.80 | 0.80 | | | | | | | | | | |
| 95 | 0.94 | 0.98 | 0.99 | 0.93 | 0.98 | 0.98 | 1.03 | 1.04 | | | | | | | | | | |
| 100 | 1.20 | 1.27 | 1.28 | 1.20 | 1.28 | 1.28 | 1.35 | 1.35 | | | | | | | | | | |
| 105 | 1.55 | 1.62 | 1.65 | 1.54 | 1.66 | 1.66 | 1.75 | 1.74 | | | | | | | | | | |
| 110 | 1.96 | 2.03 | 2.08 | 1.95 | 2.09 | 2.09 | 2.19 | 2.17 | | | | | | | | | | |
| 115 | 2.41 | 2.50 | 2.56 | 2.41 | 2.56 | 2.56 | 2.67 | 2.64 | | | | | | | | | | |
| 120 | 2.92 | 3.01 | 3.08 | 2.92 | 3.07 | 3.06 | 3.18 | 3.14 | | | | | | | | | | |
| 125 | 3.46 | 3.55 | 3.62 | 3.46 | 3.62 | 3.60 | 3.73 | 3.69 | | | | | | | | | | |
| 130 | 4.01 | 4.08 | 4.17 | 3.99 | 4.19 | 4.14 | 4.29 | 4.22 | | | | | | | | | | |
| 135 | 4.56 | 4.60 | 4.69 | 4.52 | 4.75 | 4.67 | 4.83 | 4.75 | | | | | | | | | | |
| 140 | 5.04 | 5.10 | 5.18 | 5.03 | 5.25 | 5.19 | 5.33 | 5.25 | | | | | | | | | | |
| 145 | 5.51 | 5.58 | 5.64 | 5.54 | 5.75 | 5.72 | 5.82 | 5.76 | | | | | | | | | | |
| 150 | 5.97 | 6.04 | 6.11 | 6.00 | 6.22 | 6.20 | 6.30 | 6.24 | | | | | | | | | | |
| 155 | 6.47 | 6.54 | 6.61 | 6.45 | 6.73 | 6.68 | 6.81 | 6.75 | | | | | | | | | | |
| 160 | 6.99 | 7.05 | 7.13 | 6.95 | 7.27 | 7.18 | 7.33 | 7.28 | | | | | | | | | | |
| 165 | 7.51 | 7.54 | 7.64 | 7.45 | 7.77 | 7.68 | 7.83 | 7.76 | | | | | | | | | | |
| 170 | 7.98 | 7.97 | 8.06 | 7.90 | 8.17 | 8.07 | 8.21 | 8.12 | | | | | | | | | | |
| 175 | 8.37 | 8.33 | 8.40 | 8.26 | 8.48 | 8.36 | 8.48 | 8.38 | | | | | | | | | | |
| 180 | 8.57 | 8.48 | 8.57 | 8.46 | 8.57 | 8.48 | 8.58 | 8.46 | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:15DEG
 Operators:lianghaizhu
 Test Date:2022-12-31

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks: