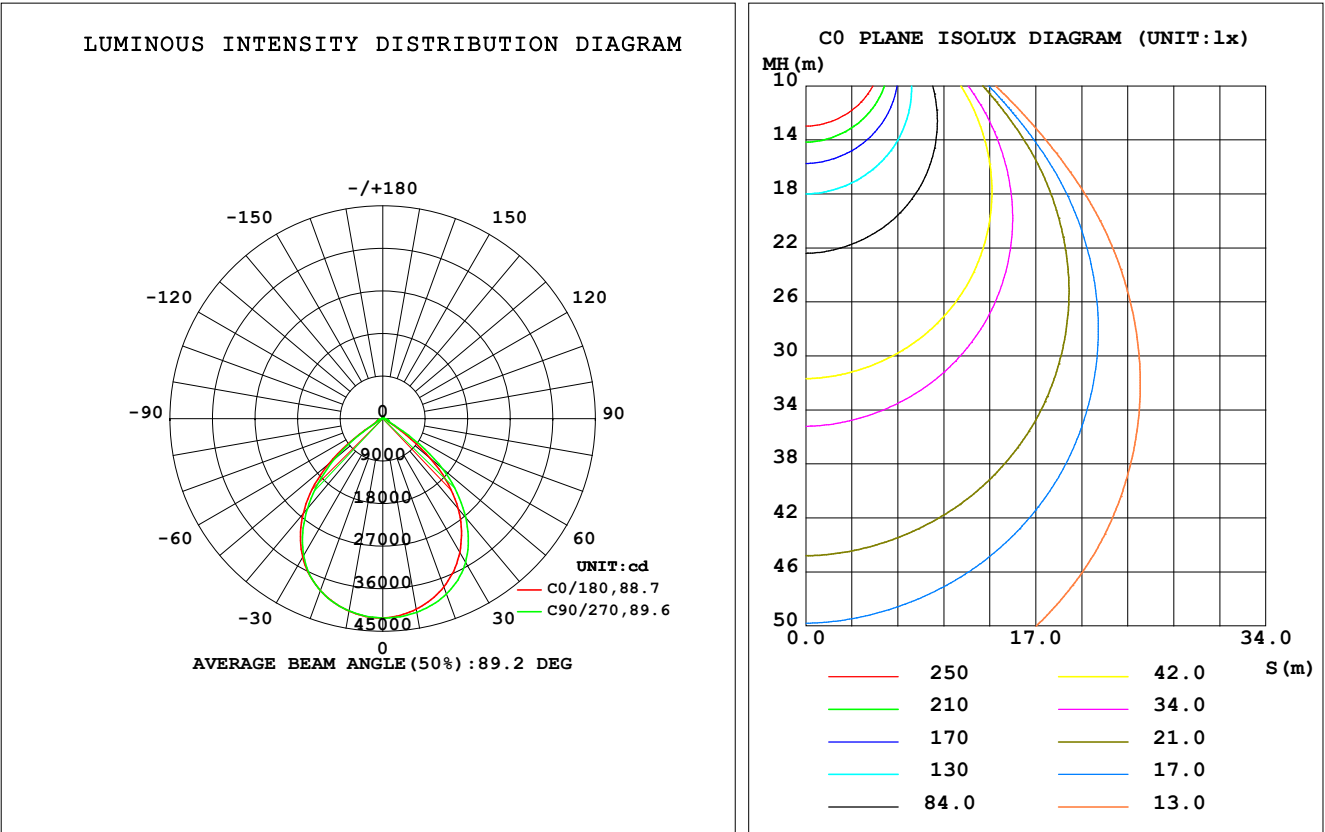


LUMINAIRE PHOTOMETRIC TEST REPORT

|                                                                               |                |                  |
|-------------------------------------------------------------------------------|----------------|------------------|
| Test:U:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA |        |                   |          | Eff: 153.35 lm/W |
|------------------|---------|------------------|--------|-------------------|----------|------------------|
| MODEL            |         | Imax(cd)         | 42201  | S/MH(C0/180)      | 1.20     |                  |
| NOMINAL POWER(W) | 500     | LOR(%)           | 100.0  | S/MH(C90/270)     | 1.18     |                  |
| RATED VOLTAGE(V) | 120     | TOTAL FLUX(lm)   | 76668  | □ UP,DN(C0-180)   | 0.5,50.7 |                  |
| NOMINAL FLUX(lm) | 76667.8 | CIE CLASS        | DIRECT | □ UP,DN(C180-360) | 0.5,48.3 |                  |
| LAMPS INSIDE     | 1       | □ up(%)          | 1.0    | CIBSE SHR NOM     | 1.25     |                  |
| TEST VOLTAGE(V)  | 120     | □ down(%)        | 99.0   | CIBSE SHR MAX     | 1.30     |                  |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:lianghaizhu  
Test Date:2024-06-03

□ 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:

| °   | C0                       | C45   | C90   | C135  | C180  | C225  | C270  | C315  | °       | □ zone  | □ total | %lum, lamp |
|-----|--------------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10  | 4091                     | 4114  | 4157  | 4165  | 4134  | 4129  | 4129  | 4100  | 0- 10   | 3982    | 3982    | 5.19,5.19  |
| 20  | 3785                     | 3843  | 3946  | 3948  | 3869  | 3860  | 3870  | 3805  | 10- 20  | 11334   | 15316   | 20,20      |
| 30  | 3262                     | 3348  | 3505  | 3497  | 3388  | 3343  | 3348  | 3249  | 20- 30  | 16780   | 32096   | 41.9,41.9  |
| 40  | 2479                     | 2580  | 2728  | 2730  | 2621  | 2525  | 2482  | 2392  | 30- 40  | 18695   | 50791   | 66.2,66.2  |
| 50  | 1322                     | 1513  | 1654  | 1674  | 1508  | 1394  | 1336  | 1260  | 40- 50  | 15668   | 66459   | 86.7,86.7  |
| 60  | 158.4                    | 307.0 | 290.2 | 365.7 | 205.0 | 263.2 | 179.0 | 206.9 | 50- 60  | 7004    | 73464   | 95.8,95.8  |
| 70  | 94.74                    | 109.6 | 112.9 | 139.4 | 111.0 | 113.0 | 103.0 | 89.43 | 60- 70  | 1481    | 74945   | 97.8,97.8  |
| 80  | 35.59                    | 37.10 | 61.59 | 45.32 | 42.99 | 34.16 | 40.73 | 27.73 | 70- 80  | 768.2   | 75713   | 98.8,98.8  |
| 90  | 2.076                    | 2.202 | 3.174 | 2.729 | 1.685 | 1.781 | 1.950 | 1.985 | 80- 90  | 187.0   | 75900   | 99,99      |
| 100 | 3.713                    | 3.592 | 3.562 | 3.380 | 3.284 | 3.632 | 4.057 | 4.051 | 90-100  | 28.87   | 75929   | 99,99      |
| 110 | 6.687                    | 6.466 | 6.426 | 6.147 | 6.467 | 6.935 | 7.528 | 7.561 | 100-110 | 54.13   | 75983   | 99.1,99.1  |
| 120 | 10.51                    | 10.17 | 10.10 | 9.804 | 10.66 | 11.10 | 11.81 | 11.80 | 110-120 | 86.32   | 76070   | 99.2,99.2  |
| 130 | 14.37                    | 13.99 | 14.04 | 13.60 | 14.87 | 15.30 | 16.16 | 15.96 | 120-130 | 114.3   | 76184   | 99.4,99.4  |
| 140 | 18.14                    | 17.73 | 17.82 | 17.20 | 18.97 | 19.48 | 20.30 | 20.19 | 130-140 | 129.4   | 76313   | 99.5,99.5  |
| 150 | 21.97                    | 21.59 | 21.64 | 20.78 | 23.02 | 23.43 | 24.48 | 24.30 | 140-150 | 129.5   | 76443   | 99.7,99.7  |
| 160 | 26.36                    | 26.04 | 26.11 | 25.14 | 27.17 | 27.50 | 28.64 | 28.20 | 150-160 | 113.9   | 76557   | 99.9,99.9  |
| 170 | 30.33                    | 30.03 | 30.40 | 29.46 | 30.86 | 30.70 | 31.78 | 31.11 | 160-170 | 81.29   | 76638   | 100,100    |
| 180 | 32.01                    | 31.74 | 32.69 | 31.72 | 32.00 | 31.76 | 32.68 | 31.73 | 170-180 | 29.86   | 76668   | 100,100    |
| DEG | LUMINOUS INTENSITY:×10cd |       |       |       |       |       |       |       |         | UNIT:lm |         |            |

Conical surface Flux(90deg): 59352 lm

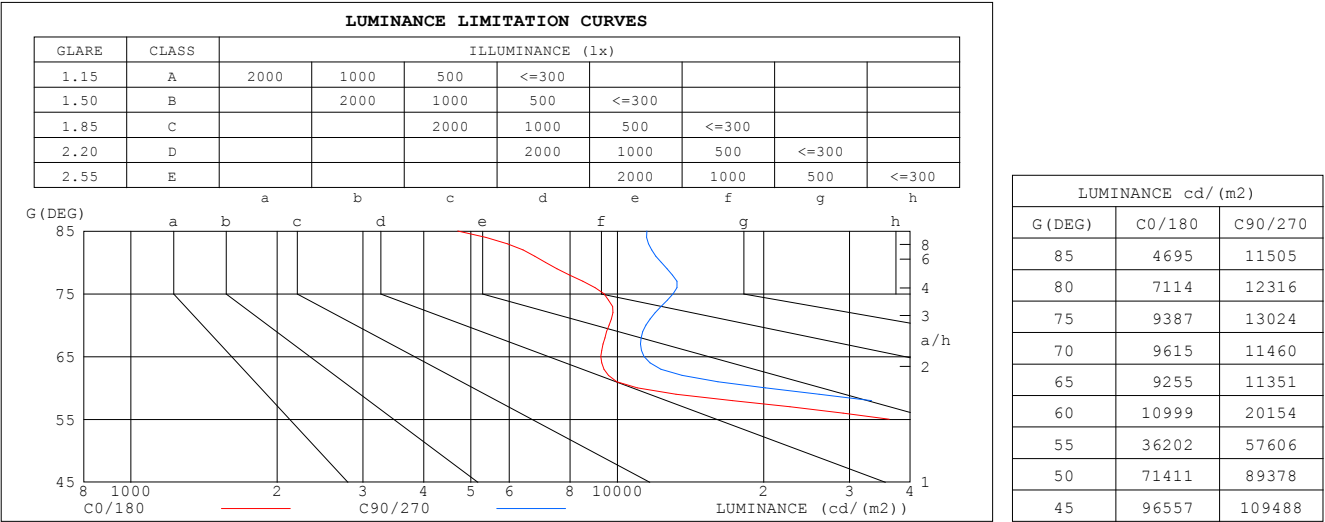
%lum = 77.4%  
%lamp = 77.4%

Conical surface Flux(120deg): 73464 lm

%lum = 95.8%  
%lamp = 95.8%

LUMINANCE LIMITATION CURVES

|                                                                               |                |                  |
|-------------------------------------------------------------------------------|----------------|------------------|
| Test:U:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:lianghaizhu  
Test Date:2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | 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                         | .224 .127 .040                                        | .216 .123 .039 | .203 .116 .037 | .191 .110 .035 | .179 .104 .034 |   |
| 2.0                         | .218 .119 .037                                        | .212 .117 .036 | .200 .111 .035 | .189 .106 .033 | .180 .102 .032 |   |
| 3.0                         | .208 .111 .033                                        | .203 .109 .033 | .193 .105 .032 | .184 .101 .031 | .175 .097 .030 |   |
| 4.0                         | .198 .103 .030                                        | .193 .101 .030 | .185 .098 .029 | .176 .095 .029 | .169 .092 .028 |   |
| 5.0                         | .188 .096 .028                                        | .184 .094 .027 | .176 .092 .027 | .169 .089 .026 | .162 .086 .026 |   |
| 6.0                         | .178 .089 .026                                        | .175 .088 .025 | .168 .086 .025 | .161 .084 .025 | .155 .081 .024 |   |
| 7.0                         | .169 .084 .024                                        | .166 .083 .024 | .159 .081 .023 | .154 .079 .023 | .148 .077 .023 |   |
| 8.0                         | .161 .078 .022                                        | .158 .078 .022 | .152 .076 .022 | .146 .074 .021 | .141 .073 .021 |   |
| 9.0                         | .153 .074 .021                                        | .150 .073 .020 | .145 .072 .020 | .140 .070 .020 | .135 .069 .020 |   |
| 10.0                        | .145 .070 .019                                        | .143 .069 .019 | .138 .068 .019 | .134 .066 .019 | .129 .065 .019 |   |

|                             |                                                                  |                |                |                |                |   |
|-----------------------------|------------------------------------------------------------------|----------------|----------------|----------------|----------------|---|
| <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                         | .198 .198 .198                                                   | .169 .169 .169 | .116 .116 .116 | .066 .066 .066 | .021 .021 .021 |   |
| 1.0                         | .182 .165 .149                                                   | .156 .141 .128 | .107 .097 .089 | .061 .056 .052 | .020 .018 .017 |   |
| 2.0                         | .170 .140 .115                                                   | .146 .121 .099 | .100 .083 .069 | .058 .049 .041 | .018 .016 .013 |   |
| 3.0                         | .160 .122 .091                                                   | .138 .105 .079 | .094 .073 .055 | .055 .043 .033 | .018 .014 .011 |   |
| 4.0                         | .152 .108 .074                                                   | .131 .093 .064 | .090 .065 .045 | .052 .038 .027 | .017 .012 .009 |   |
| 5.0                         | .145 .097 .061                                                   | .124 .084 .053 | .086 .058 .038 | .050 .034 .022 | .016 .011 .007 |   |
| 6.0                         | .138 .088 .052                                                   | .119 .076 .045 | .082 .053 .032 | .048 .031 .019 | .015 .010 .006 |   |
| 7.0                         | .132 .081 .045                                                   | .114 .070 .039 | .078 .049 .028 | .046 .029 .017 | .015 .009 .005 |   |
| 8.0                         | .126 .075 .040                                                   | .109 .065 .035 | .075 .046 .025 | .044 .027 .015 | .014 .009 .005 |   |
| 9.0                         | .121 .070 .036                                                   | .104 .061 .031 | .072 .043 .022 | .042 .025 .013 | .014 .008 .004 |   |
| 10.0                        | .116 .066 .032                                                   | .100 .057 .028 | .070 .040 .020 | .041 .024 .012 | .013 .008 .004 |   |

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                  |      |      |      |                |                |      |                  |      |      |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            |                  |      |      |      | TYPE:          |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                        |                  |      |      |      | DIM.:          |                |      | SERIAL No.:      |      |      |
| MFR.: ASD Lighting Corp.                                                      |                  |      |      |      | SUR.:0.9*0.32m |                |      | 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             | 26.7 | 25.7 | 26.9 | 27.1           | 26.2           | 27.5 | 26.5             | 27.7 | 27.9 |
| 3H                                                                            | 25.4             | 26.5 | 25.6 | 26.7 | 26.9           | 26.1           | 27.2 | 26.4             | 27.5 | 27.7 |
| 4H                                                                            | 25.3             | 26.4 | 25.6 | 26.6 | 26.9           | 26.1           | 27.1 | 26.4             | 27.4 | 27.7 |
| 6H                                                                            | 25.2             | 26.2 | 25.6 | 26.5 | 26.8           | 26.1           | 27.0 | 26.4             | 27.3 | 27.6 |
| 8H                                                                            | 25.2             | 26.2 | 25.5 | 26.4 | 26.7           | 26.0           | 27.0 | 26.4             | 27.3 | 27.6 |
| 12H                                                                           | 25.2             | 26.1 | 25.5 | 26.4 | 26.7           | 26.0           | 26.9 | 26.4             | 27.2 | 27.5 |
| 4H 2H                                                                         | 25.3             | 26.4 | 25.7 | 26.7 | 26.9           | 26.0           | 27.1 | 26.4             | 27.4 | 27.6 |
| 3H                                                                            | 25.3             | 26.2 | 25.6 | 26.5 | 26.8           | 26.0           | 26.9 | 26.3             | 27.2 | 27.5 |
| 4H                                                                            | 25.3             | 26.1 | 25.6 | 26.4 | 26.7           | 26.0           | 26.8 | 26.4             | 27.1 | 27.5 |
| 6H                                                                            | 25.2             | 25.9 | 25.6 | 26.3 | 26.7           | 26.0           | 26.7 | 26.4             | 27.1 | 27.4 |
| 8H                                                                            | 25.2             | 25.9 | 25.6 | 26.2 | 26.6           | 26.0           | 26.7 | 26.4             | 27.0 | 27.4 |
| 12H                                                                           | 25.2             | 25.8 | 25.6 | 26.2 | 26.6           | 26.0           | 26.6 | 26.4             | 27.0 | 27.4 |
| 8H 4H                                                                         | 25.2             | 25.8 | 25.6 | 26.2 | 26.6           | 25.9           | 26.5 | 26.3             | 26.9 | 27.3 |
| 6H                                                                            | 25.1             | 25.7 | 25.6 | 26.1 | 26.5           | 25.9           | 26.5 | 26.4             | 26.9 | 27.3 |
| 8H                                                                            | 25.1             | 25.6 | 25.6 | 26.0 | 26.5           | 25.9           | 26.4 | 26.4             | 26.8 | 27.3 |
| 12H                                                                           | 25.1             | 25.5 | 25.6 | 26.0 | 26.5           | 25.9           | 26.4 | 26.4             | 26.8 | 27.3 |
| 12H 4H                                                                        | 25.1             | 25.7 | 25.5 | 26.1 | 26.5           | 25.8           | 26.4 | 26.3             | 26.8 | 27.2 |
| 6H                                                                            | 25.1             | 25.6 | 25.6 | 26.0 | 26.5           | 25.9           | 26.4 | 26.3             | 26.8 | 27.3 |
| 8H                                                                            | 25.1             | 25.5 | 25.6 | 26.0 | 26.5           | 25.9           | 26.3 | 26.4             | 26.8 | 27.3 |
| Variations with the observer position at spacings:                            |                  |      |      |      |                |                |      |                  |      |      |
| S = 1.0H                                                                      | + 2.0 / - 4.2    |      |      |      |                | + 1.5 / - 2.4  |      |                  |      |      |
| 1.5H                                                                          | + 0.9 / - 2.2    |      |      |      |                | + 0.8 / - 1.9  |      |                  |      |      |
| 2.0H                                                                          | + 4.0 / - 7.0    |      |      |      |                | + 3.5 / - 6.4  |      |                  |      |      |

CIE Pub.117, 76668 lm Total Lamp Luminous Flux Corrected ( $8\log(F/F_0) = 15.1$ )

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: HIGH  
 Temperature:27DEG  
 Operators:lianghaizhu  
 Test Date:2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | Shielding Angle: |

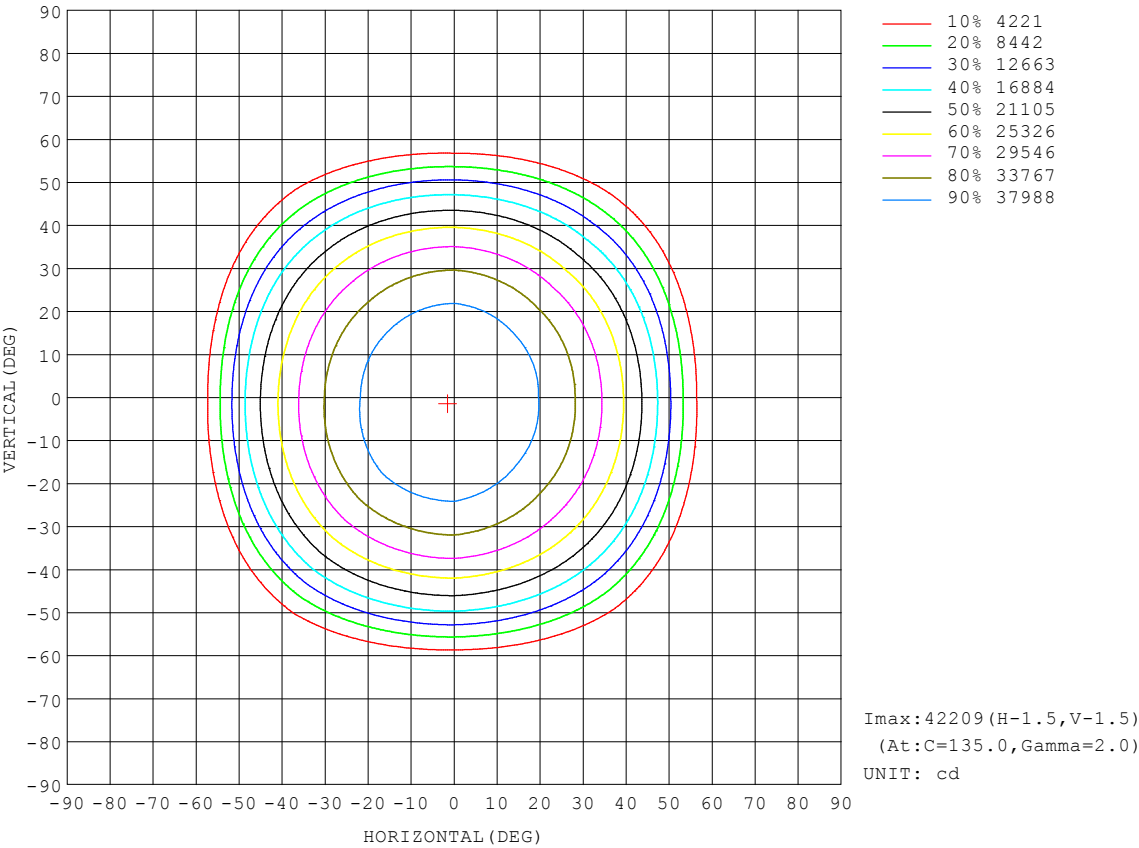
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 70                                                   | 60  | 55        | 69  | 60  | 55  | 68  | 60            | 54  | 49     |
| 0.80                             | 80                                                   | 71  | 65        | 79  | 70  | 65  | 77  | 70            | 65  | 59     |
| 1.00                             | 88                                                   | 79  | 74        | 87  | 79  | 74  | 85  | 79            | 73  | 68     |
| 1.25                             | 94                                                   | 86  | 81        | 93  | 86  | 81  | 90  | 84            | 80  | 74     |
| 1.50                             | 98                                                   | 91  | 86        | 96  | 90  | 85  | 94  | 88            | 84  | 78     |
| 2.00                             | 103                                                  | 97  | 92        | 101 | 96  | 92  | 98  | 94            | 90  | 84     |
| 2.50                             | 105                                                  | 100 | 96        | 103 | 99  | 95  | 100 | 96            | 93  | 86     |
| 3.00                             | 108                                                  | 103 | 99        | 106 | 101 | 98  | 102 | 98            | 96  | 88     |
| 4.00                             | 110                                                  | 106 | 103       | 108 | 105 | 102 | 104 | 101           | 99  | 91     |
| 5.00                             | 112                                                  | 108 | 106       | 109 | 106 | 104 | 105 | 103           | 101 | 92     |
| 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: 27DEG  
 Operators: lianghaizhu  
 Test Date: 2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | Shielding Angle: |

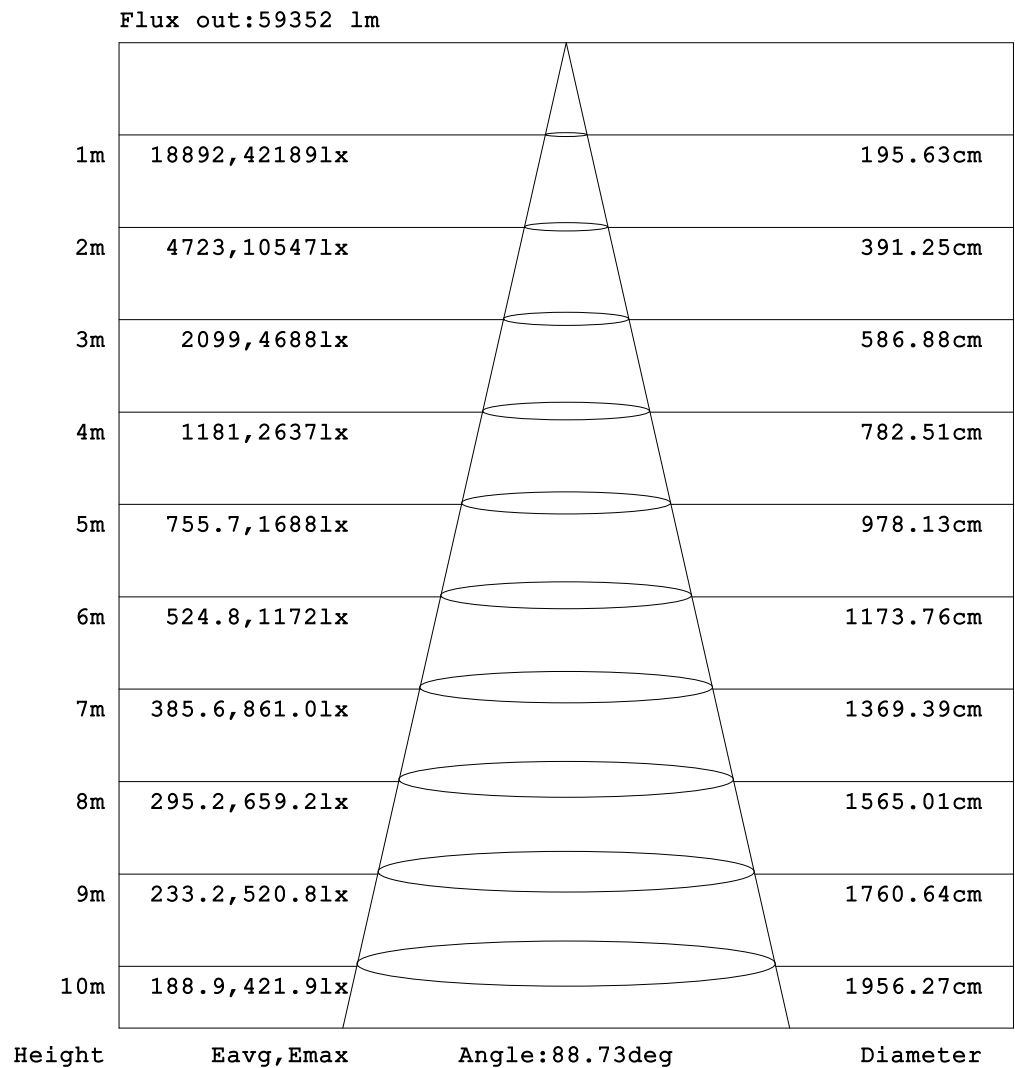


C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:lianghaizhu  
Test Date:2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |                |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            | TYPE:          | WEIGHT:          |
| SPEC.:                                                                        | DIM.:          | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      | SUR.:0.9*0.32m | Shielding Angle: |

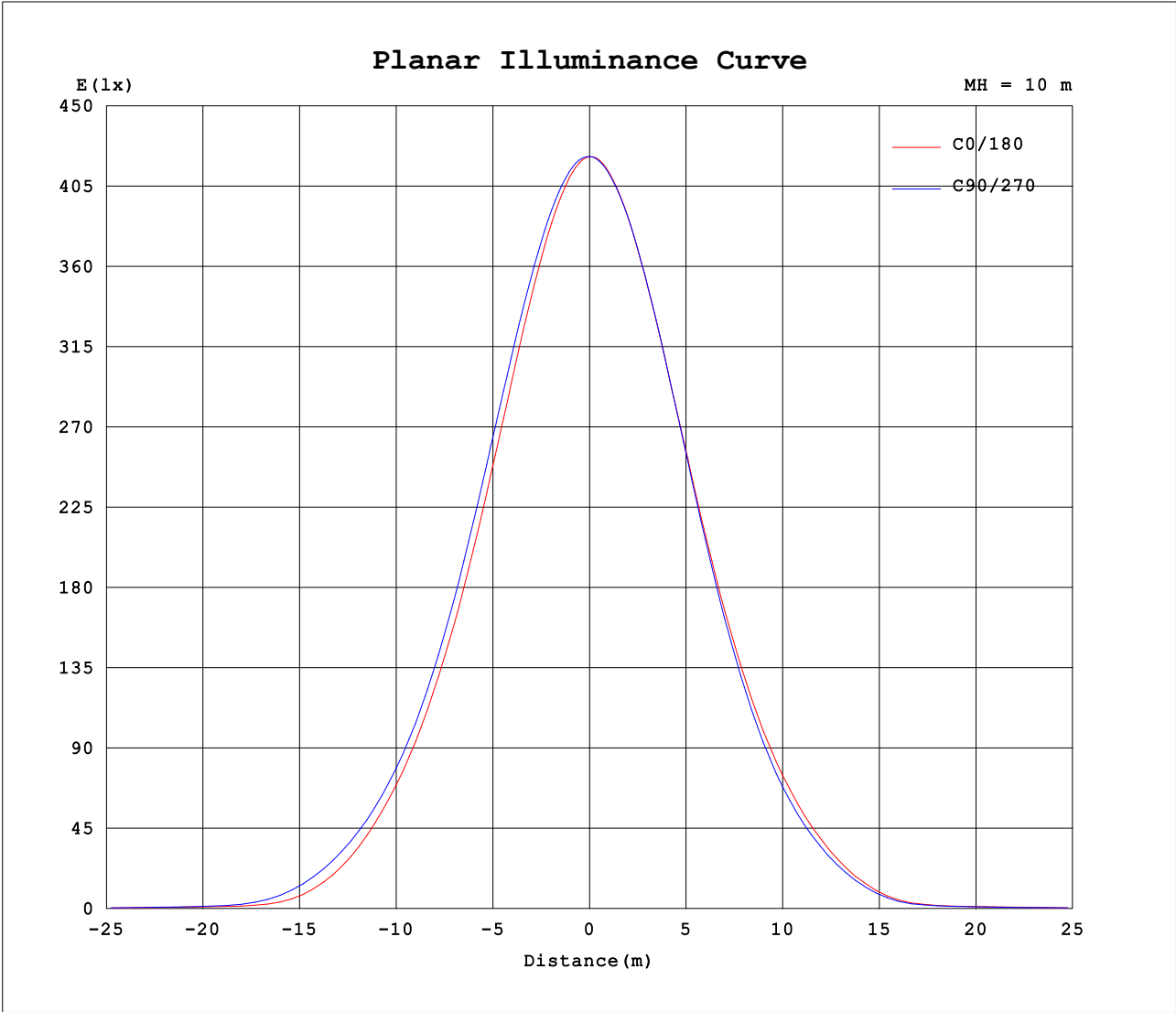


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: HIGH  
Temperature:27DEG  
Operators:lianghaizhu  
Test Date:2024-06-03

☐ 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:27DEG  
Operators:lianghaizhu  
Test Date:2024-06-03

☐ 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:120.1V I:4.170A P:499.9W PF:0.9980 Freq:59.96Hz Lamp Flux:76667.8x1 lm |  |  |  |  |                |  |  |                  |
| NAME: ASD-WHB5B-PRO-500-500W-5000K                                            |  |  |  |  | TYPE:          |  |  | WEIGHT:          |
| SPEC.:                                                                        |  |  |  |  | DIM.:          |  |  | SERIAL No.:      |
| MFR.: ASD Lighting Corp.                                                      |  |  |  |  | SUR.:0.9*0.32m |  |  | Shielding Angle: |

Table--1

UNIT: ×10cd

| C (DEG)<br>□ (DEG) | 0    | 45   | 90   | 135  | 180  | 225  | 270  | 315  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0                  | 4217 | 4217 | 4217 | 4217 | 4217 | 4217 | 4217 | 4217 |  |  |  |  |  |  |  |  |  |  |
| 5                  | 4178 | 4189 | 4205 | 4212 | 4200 | 4197 | 4192 | 4179 |  |  |  |  |  |  |  |  |  |  |
| 10                 | 4091 | 4114 | 4157 | 4165 | 4134 | 4129 | 4129 | 4100 |  |  |  |  |  |  |  |  |  |  |
| 15                 | 3963 | 4000 | 4073 | 4079 | 4024 | 4019 | 4025 | 3978 |  |  |  |  |  |  |  |  |  |  |
| 20                 | 3785 | 3843 | 3946 | 3948 | 3869 | 3860 | 3870 | 3805 |  |  |  |  |  |  |  |  |  |  |
| 25                 | 3555 | 3630 | 3764 | 3761 | 3661 | 3639 | 3651 | 3565 |  |  |  |  |  |  |  |  |  |  |
| 30                 | 3262 | 3348 | 3505 | 3497 | 3388 | 3343 | 3348 | 3249 |  |  |  |  |  |  |  |  |  |  |
| 35                 | 2906 | 2999 | 3157 | 3152 | 3042 | 2973 | 2957 | 2857 |  |  |  |  |  |  |  |  |  |  |
| 40                 | 2479 | 2580 | 2728 | 2730 | 2621 | 2525 | 2482 | 2392 |  |  |  |  |  |  |  |  |  |  |
| 45                 | 1967 | 2085 | 2230 | 2238 | 2116 | 1998 | 1934 | 1857 |  |  |  |  |  |  |  |  |  |  |
| 50                 | 1322 | 1513 | 1654 | 1674 | 1508 | 1394 | 1336 | 1260 |  |  |  |  |  |  |  |  |  |  |
| 55                 | 598  | 848  | 952  | 984  | 750  | 740  | 648  | 629  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 158  | 307  | 290  | 366  | 205  | 263  | 179  | 207  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 113  | 147  | 138  | 182  | 132  | 159  | 120  | 128  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 94.7 | 110  | 113  | 139  | 111  | 113  | 103  | 89.4 |  |  |  |  |  |  |  |  |  |  |
| 75                 | 70.0 | 61.1 | 97.1 | 76.2 | 85.2 | 55.9 | 77.4 | 47.5 |  |  |  |  |  |  |  |  |  |  |
| 80                 | 35.6 | 37.1 | 61.6 | 45.3 | 43.0 | 34.2 | 40.7 | 27.7 |  |  |  |  |  |  |  |  |  |  |
| 85                 | 11.8 | 15.5 | 28.9 | 20.2 | 13.2 | 8.94 | 14.2 | 7.32 |  |  |  |  |  |  |  |  |  |  |
| 90                 | 2.08 | 2.20 | 3.17 | 2.73 | 1.69 | 1.78 | 1.95 | 1.98 |  |  |  |  |  |  |  |  |  |  |
| 95                 | 2.64 | 2.57 | 2.53 | 2.40 | 2.24 | 2.52 | 2.82 | 2.80 |  |  |  |  |  |  |  |  |  |  |
| 100                | 3.71 | 3.59 | 3.56 | 3.38 | 3.28 | 3.63 | 4.06 | 4.05 |  |  |  |  |  |  |  |  |  |  |
| 105                | 5.07 | 4.90 | 4.87 | 4.64 | 4.73 | 5.13 | 5.65 | 5.68 |  |  |  |  |  |  |  |  |  |  |
| 110                | 6.69 | 6.47 | 6.43 | 6.15 | 6.47 | 6.93 | 7.53 | 7.56 |  |  |  |  |  |  |  |  |  |  |
| 115                | 8.53 | 8.24 | 8.20 | 7.89 | 8.48 | 8.97 | 9.63 | 9.66 |  |  |  |  |  |  |  |  |  |  |
| 120                | 10.5 | 10.2 | 10.1 | 9.80 | 10.7 | 11.1 | 11.8 | 11.8 |  |  |  |  |  |  |  |  |  |  |
| 125                | 12.5 | 12.1 | 12.1 | 11.7 | 12.8 | 13.2 | 14.0 | 13.9 |  |  |  |  |  |  |  |  |  |  |
| 130                | 14.4 | 14.0 | 14.0 | 13.6 | 14.9 | 15.3 | 16.2 | 16.0 |  |  |  |  |  |  |  |  |  |  |
| 135                | 16.3 | 15.9 | 15.9 | 15.5 | 16.9 | 17.4 | 18.2 | 18.1 |  |  |  |  |  |  |  |  |  |  |
| 140                | 18.1 | 17.7 | 17.8 | 17.2 | 19.0 | 19.5 | 20.3 | 20.2 |  |  |  |  |  |  |  |  |  |  |
| 145                | 20.0 | 19.6 | 19.7 | 19.0 | 21.0 | 21.5 | 22.4 | 22.3 |  |  |  |  |  |  |  |  |  |  |
| 150                | 22.0 | 21.6 | 21.6 | 20.8 | 23.0 | 23.4 | 24.5 | 24.3 |  |  |  |  |  |  |  |  |  |  |
| 155                | 24.1 | 23.7 | 23.8 | 22.8 | 25.1 | 25.4 | 26.6 | 26.3 |  |  |  |  |  |  |  |  |  |  |
| 160                | 26.4 | 26.0 | 26.1 | 25.1 | 27.2 | 27.5 | 28.6 | 28.2 |  |  |  |  |  |  |  |  |  |  |
| 165                | 28.5 | 28.3 | 28.4 | 27.5 | 29.2 | 29.4 | 30.5 | 29.9 |  |  |  |  |  |  |  |  |  |  |
| 170                | 30.3 | 30.0 | 30.4 | 29.5 | 30.9 | 30.7 | 31.8 | 31.1 |  |  |  |  |  |  |  |  |  |  |
| 175                | 31.6 | 31.2 | 31.8 | 30.9 | 31.8 | 31.5 | 32.5 | 31.7 |  |  |  |  |  |  |  |  |  |  |
| 180                | 32.0 | 31.7 | 32.7 | 31.7 | 32.0 | 31.8 | 32.7 | 31.7 |  |  |  |  |  |  |  |  |  |  |

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| C Range: 0 - 360DEG   | □ Range: 0 - 180DEG                              |
| C Interval: 45.0DEG   | □ Interval: 1.0DEG                               |
| Test Speed: HIGH      | Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364 |
| Temperature:27DEG     | Humidity:56%                                     |
| Operators:lianghaizhu | Test Distance:6.500m [K=1.0000]                  |
| Test Date:2024-06-03  | Remarks:                                         |