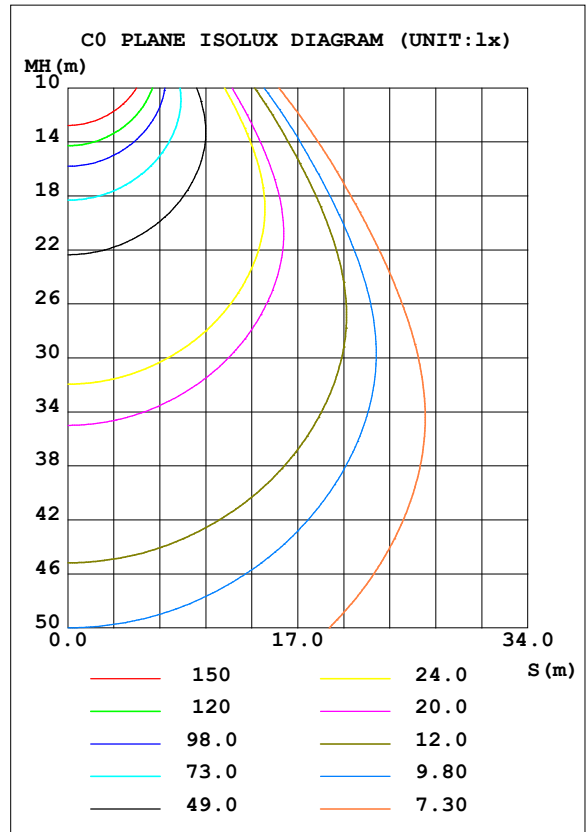
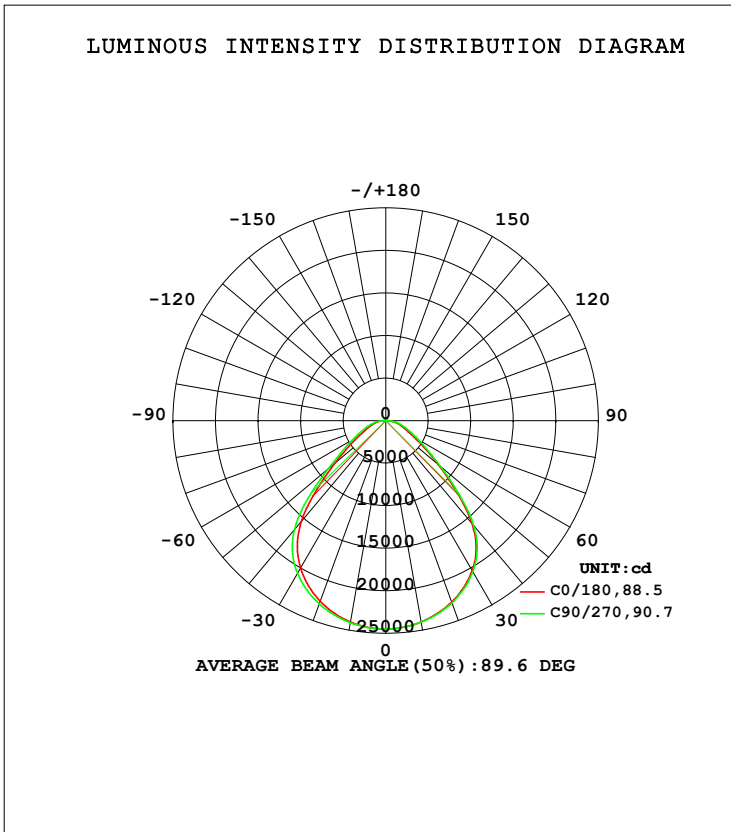


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|------------|------------------|
| Test:U:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 163.79 lm/W | | | |
|-------------------|----------------------|-----------------------------------|--------|--|-----------|
| MODEL | ASD-WHB5A-HV-PRO-320 | Imax (cd) | 24494 | S/MH (C0/180) | 1.22 |
| NOMINAL POWER (W) | 320 | LOR (%) | 100.0 | S/MH (C90/270) | 1.25 |
| RATED VOLTAGE (V) | 277-480 | TOTAL FLUX (lm) | 50940 | <input type="checkbox"/> UP, DN (C0-180) | 0.5, 49.2 |
| NOMINAL FLUX (lm) | 50939.6 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.5, 49.9 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 1.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 277 | <input type="checkbox"/> 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: 2023-10-06

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 | 2403 | 2401 | 2404 | 2401 | 2402 | 2410 | 2411 | 2404 | 0- 10 | 2316 | 2316 | 4.55,4.55 |
| 20 | 2269 | 2265 | 2278 | 2266 | 2258 | 2282 | 2292 | 2277 | 10- 20 | 6630 | 8947 | 17.6,17.6 |
| 30 | 2033 | 2025 | 2050 | 2022 | 2004 | 2050 | 2073 | 2046 | 20- 30 | 9990 | 18937 | 37.2,37.2 |
| 40 | 1575 | 1568 | 1607 | 1578 | 1548 | 1630 | 1671 | 1609 | 30- 40 | 11541 | 30477 | 59.8,59.8 |
| 50 | 807.5 | 797.1 | 838.6 | 815.4 | 786.2 | 863.4 | 891.5 | 828.0 | 40- 50 | 9270 | 39748 | 78,78 |
| 60 | 381.6 | 391.2 | 434.9 | 396.4 | 370.6 | 420.8 | 451.8 | 404.3 | 50- 60 | 5240 | 44988 | 88.3,88.3 |
| 70 | 209.0 | 226.8 | 246.0 | 228.5 | 203.7 | 236.8 | 251.2 | 228.9 | 60- 70 | 3025 | 48013 | 94.3,94.3 |
| 80 | 110.9 | 111.6 | 119.4 | 117.7 | 108.0 | 123.2 | 122.8 | 115.4 | 70- 80 | 1814 | 49826 | 97.8,97.8 |
| 90 | 1.830 | 1.859 | 1.923 | 1.955 | 1.977 | 6.079 | 2.943 | 1.995 | 80- 90 | 623.0 | 50449 | 99,99 |
| 100 | 2.807 | 3.003 | 3.101 | 2.956 | 3.214 | 3.186 | 3.278 | 3.184 | 90-100 | 26.96 | 50476 | 99.1,99.1 |
| 110 | 4.485 | 4.726 | 4.871 | 4.700 | 5.004 | 4.957 | 5.071 | 4.941 | 100-110 | 41.52 | 50518 | 99.2,99.2 |
| 120 | 6.584 | 6.845 | 7.005 | 6.843 | 7.146 | 7.066 | 7.200 | 7.049 | 110-120 | 58.23 | 50576 | 99.3,99.3 |
| 130 | 8.874 | 9.104 | 9.269 | 9.136 | 9.530 | 9.365 | 9.528 | 9.355 | 120-130 | 72.61 | 50649 | 99.4,99.4 |
| 140 | 10.95 | 11.31 | 11.41 | 11.30 | 11.63 | 11.56 | 11.74 | 11.58 | 130-140 | 80.03 | 50729 | 99.6,99.6 |
| 150 | 12.99 | 13.46 | 13.49 | 13.27 | 13.72 | 13.60 | 13.88 | 13.74 | 140-150 | 78.06 | 50807 | 99.7,99.7 |
| 160 | 15.31 | 15.74 | 15.76 | 15.45 | 16.20 | 15.98 | 16.33 | 16.19 | 150-160 | 67.54 | 50874 | 99.9,99.9 |
| 170 | 17.69 | 17.80 | 17.96 | 17.59 | 18.31 | 18.07 | 18.39 | 18.11 | 160-170 | 47.87 | 50922 | 100,100 |
| 180 | 18.89 | 18.80 | 19.10 | 18.77 | 18.90 | 18.80 | 19.11 | 18.76 | 170-180 | 17.59 | 50940 | 100,100 |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 35683 lm

%lum = 70.0%

%lamp = 70.0%

Conical surface Flux(120deg): 44988 lm

%lum = 88.3%

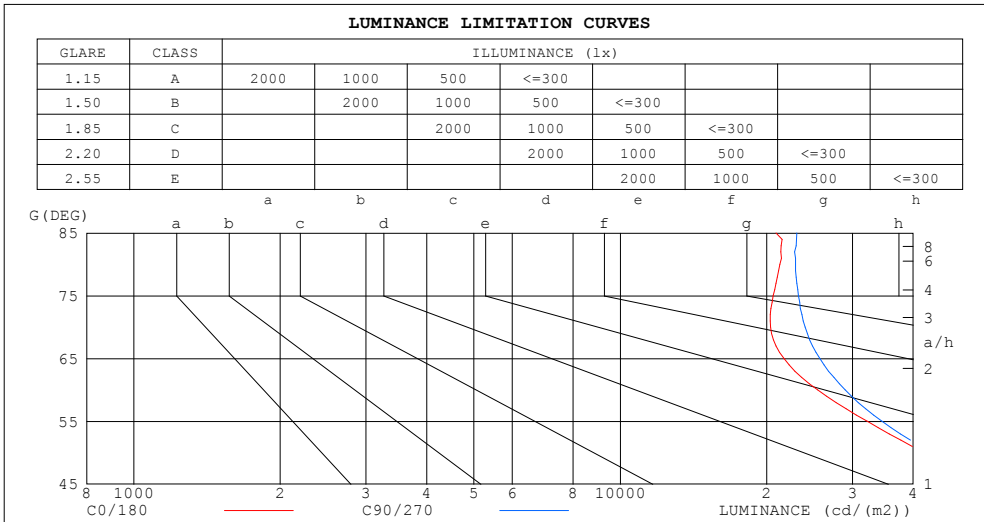
%lamp = 88.3%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

□ 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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 20884 | 23075 |
| 80 | 21295 | 22915 |
| 75 | 20627 | 23246 |
| 70 | 20370 | 23976 |
| 65 | 21695 | 25716 |
| 60 | 25441 | 28990 |
| 55 | 32177 | 34515 |
| 50 | 41874 | 43489 |
| 45 | 55425 | 57359 |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | 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 | .259 .147 .047 | .252 .144 .046 | .238 .137 .044 | .226 .130 .042 | .214 .124 .040 | |
| 2.0 | .246 .135 .041 | .240 .132 .041 | .228 .127 .039 | .217 .122 .038 | .207 .117 .037 | |
| 3.0 | .231 .123 .037 | .226 .121 .036 | .215 .117 .035 | .206 .113 .035 | .197 .109 .034 | |
| 4.0 | .216 .112 .033 | .212 .111 .033 | .202 .107 .032 | .194 .104 .031 | .186 .101 .031 | |
| 5.0 | .203 .103 .030 | .198 .102 .030 | .190 .099 .029 | .183 .096 .029 | .176 .094 .028 | |
| 6.0 | .190 .095 .027 | .187 .094 .027 | .179 .092 .027 | .173 .090 .026 | .166 .087 .026 | |
| 7.0 | .179 .089 .025 | .176 .088 .025 | .169 .086 .025 | .163 .084 .024 | .157 .082 .024 | |
| 8.0 | .169 .082 .023 | .166 .082 .023 | .160 .080 .023 | .154 .078 .023 | .149 .077 .022 | |
| 9.0 | .160 .077 .022 | .157 .076 .021 | .152 .075 .021 | .147 .073 .021 | .142 .072 .021 | |
| 10.0 | .151 .072 .020 | .149 .072 .020 | .144 .070 .020 | .139 .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 | .198 .198 .198 | .169 .169 .169 | .115 .115 .115 | .066 .066 .066 | .021 .021 .021 | |
| 1.0 | .184 .164 .146 | .158 .141 .125 | .108 .097 .087 | .062 .056 .050 | .020 .018 .016 | |
| 2.0 | .174 .140 .111 | .149 .120 .096 | .102 .083 .067 | .059 .048 .039 | .019 .016 .013 | |
| 3.0 | .164 .122 .087 | .141 .105 .076 | .097 .073 .053 | .056 .043 .031 | .018 .014 .010 | |
| 4.0 | .156 .108 .071 | .134 .093 .061 | .092 .065 .043 | .053 .038 .026 | .017 .012 .008 | |
| 5.0 | .149 .097 .059 | .128 .084 .051 | .088 .059 .036 | .051 .034 .021 | .016 .011 .007 | |
| 6.0 | .142 .088 .050 | .122 .077 .044 | .084 .054 .031 | .049 .032 .018 | .016 .010 .006 | |
| 7.0 | .136 .081 .043 | .117 .071 .038 | .081 .049 .027 | .047 .029 .016 | .015 .010 .005 | |
| 8.0 | .130 .076 .038 | .112 .066 .034 | .077 .046 .024 | .045 .027 .014 | .015 .009 .005 | |
| 9.0 | .124 .071 .035 | .107 .061 .030 | .074 .043 .021 | .043 .025 .013 | .014 .008 .004 | |
| 10.0 | .119 .066 .031 | .103 .058 .027 | .071 .041 .019 | .041 .024 .012 | .013 .008 .004 | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | 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 | 24.2 | 25.5 | 24.4 | 25.7 | 25.9 | 24.4 | 25.7 | 24.7 | 26.0 | 26.2 |
| 3H | 24.8 | 26.0 | 25.1 | 26.2 | 26.5 | 25.2 | 26.4 | 25.5 | 26.6 | 26.9 |
| 4H | 25.1 | 26.2 | 25.4 | 26.5 | 26.8 | 25.5 | 26.7 | 25.8 | 26.9 | 27.2 |
| 6H | 25.4 | 26.5 | 25.8 | 26.8 | 27.1 | 25.9 | 26.9 | 26.2 | 27.2 | 27.5 |
| 8H | 25.6 | 26.6 | 25.9 | 26.9 | 27.2 | 26.0 | 27.0 | 26.3 | 27.3 | 27.6 |
| 12H | 25.7 | 26.7 | 26.0 | 27.0 | 27.3 | 26.1 | 27.1 | 26.5 | 27.4 | 27.7 |
| 4H 2H | 24.4 | 25.5 | 24.7 | 25.8 | 26.0 | 24.6 | 25.7 | 24.9 | 26.0 | 26.3 |
| 3H | 25.2 | 26.2 | 25.5 | 26.5 | 26.8 | 25.5 | 26.5 | 25.9 | 26.8 | 27.1 |
| 4H | 25.7 | 26.6 | 26.0 | 26.9 | 27.2 | 26.1 | 27.0 | 26.4 | 27.3 | 27.6 |
| 6H | 26.2 | 27.0 | 26.6 | 27.3 | 27.7 | 26.6 | 27.4 | 27.0 | 27.7 | 28.1 |
| 8H | 26.4 | 27.1 | 26.8 | 27.5 | 27.9 | 26.8 | 27.5 | 27.2 | 27.9 | 28.3 |
| 12H | 26.5 | 27.2 | 27.0 | 27.6 | 28.0 | 26.9 | 27.6 | 27.4 | 28.0 | 28.4 |
| 8H 4H | 25.9 | 26.6 | 26.3 | 27.0 | 27.4 | 26.2 | 27.0 | 26.6 | 27.3 | 27.7 |
| 6H | 26.5 | 27.1 | 27.0 | 27.5 | 28.0 | 26.9 | 27.5 | 27.3 | 27.9 | 28.3 |
| 8H | 26.8 | 27.4 | 27.3 | 27.8 | 28.3 | 27.2 | 27.7 | 27.6 | 28.1 | 28.6 |
| 12H | 27.1 | 27.5 | 27.6 | 28.0 | 28.5 | 27.4 | 27.9 | 27.9 | 28.4 | 28.9 |
| 12H 4H | 25.9 | 26.6 | 26.3 | 26.9 | 27.4 | 26.2 | 26.9 | 26.7 | 27.3 | 27.7 |
| 6H | 26.6 | 27.1 | 27.0 | 27.5 | 28.0 | 26.9 | 27.5 | 27.4 | 27.9 | 28.4 |
| 8H | 26.9 | 27.4 | 27.4 | 27.8 | 28.3 | 27.3 | 27.7 | 27.7 | 28.2 | 28.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.6 / - 0.7 | | | | | + 0.5 / - 0.6 | | | | |
| 1.5H | + 0.5 / - 0.5 | | | | | + 0.5 / - 0.4 | | | | |
| 2.0H | + 1.3 / - 0.8 | | | | | + 1.3 / - 0.7 | | | | |

CIE Pub.117, 50940 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 13.7)

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |

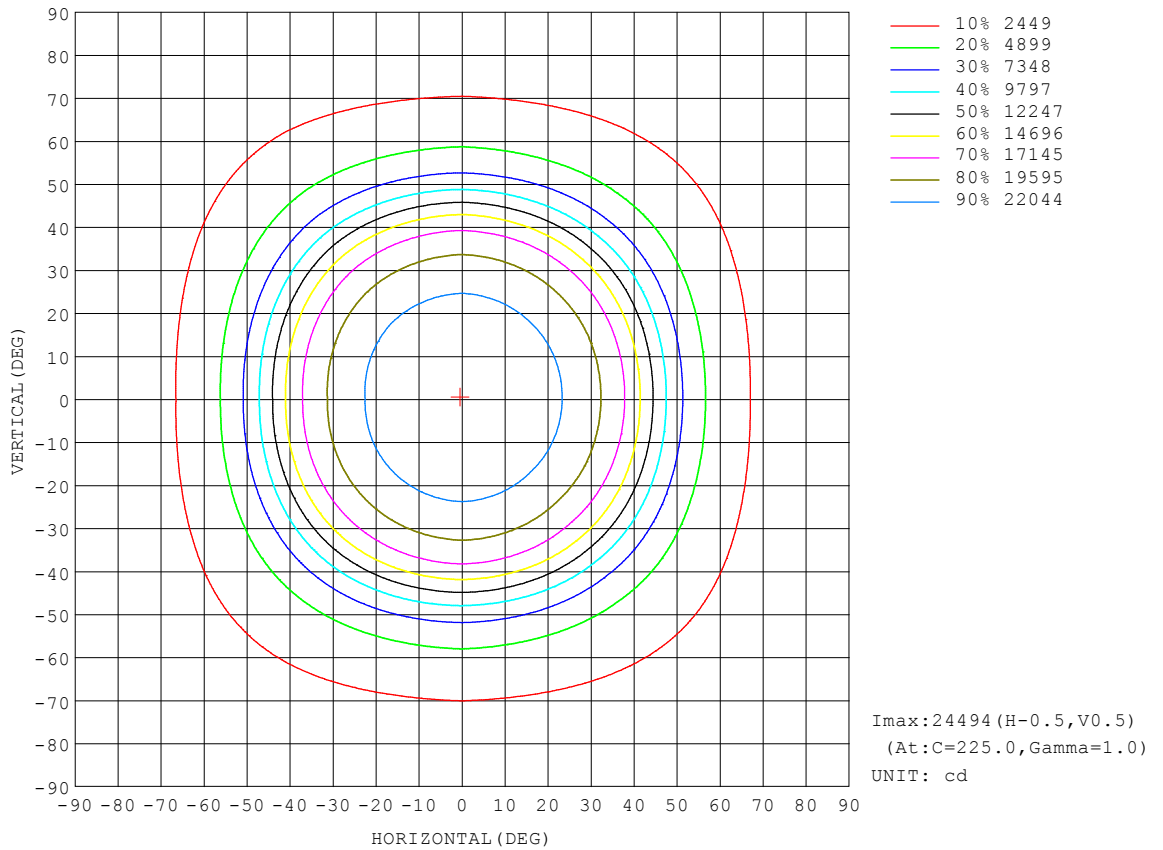
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 66 | 56 | 50 | 66 | 56 | 50 | 65 | 56 | 50 | 45 |
| 0.80 | 76 | 66 | 60 | 75 | 66 | 60 | 74 | 65 | 60 | 54 |
| 1.00 | 84 | 75 | 69 | 83 | 74 | 68 | 81 | 75 | 68 | 62 |
| 1.25 | 90 | 82 | 76 | 89 | 81 | 75 | 86 | 79 | 74 | 68 |
| 1.50 | 94 | 86 | 81 | 93 | 86 | 80 | 90 | 84 | 79 | 73 |
| 2.00 | 100 | 93 | 88 | 98 | 92 | 87 | 95 | 90 | 85 | 78 |
| 2.50 | 103 | 97 | 92 | 101 | 95 | 91 | 97 | 93 | 89 | 81 |
| 3.00 | 106 | 100 | 96 | 103 | 98 | 94 | 100 | 95 | 92 | 84 |
| 4.00 | 109 | 104 | 100 | 106 | 102 | 99 | 102 | 99 | 96 | 87 |
| 5.00 | 111 | 107 | 103 | 108 | 105 | 102 | 104 | 101 | 98 | 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:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |

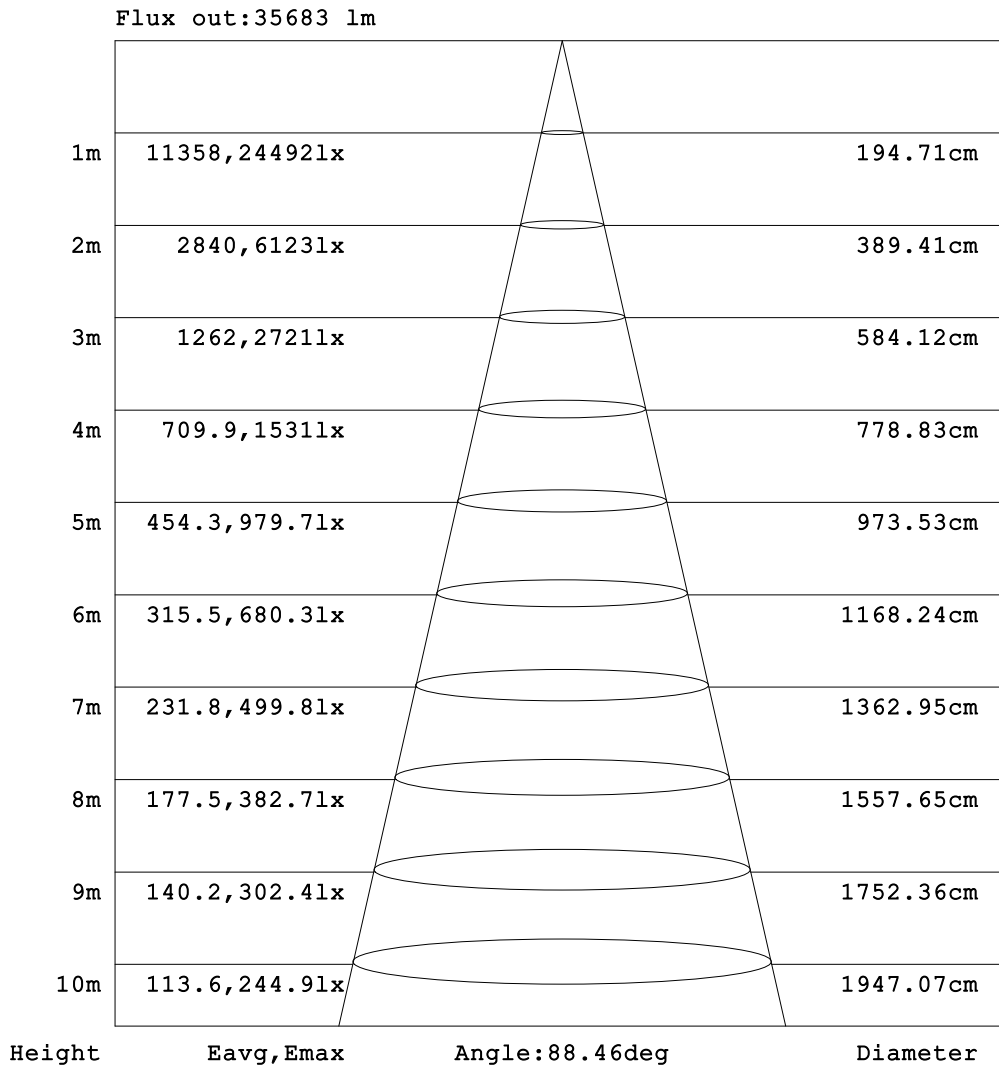


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |

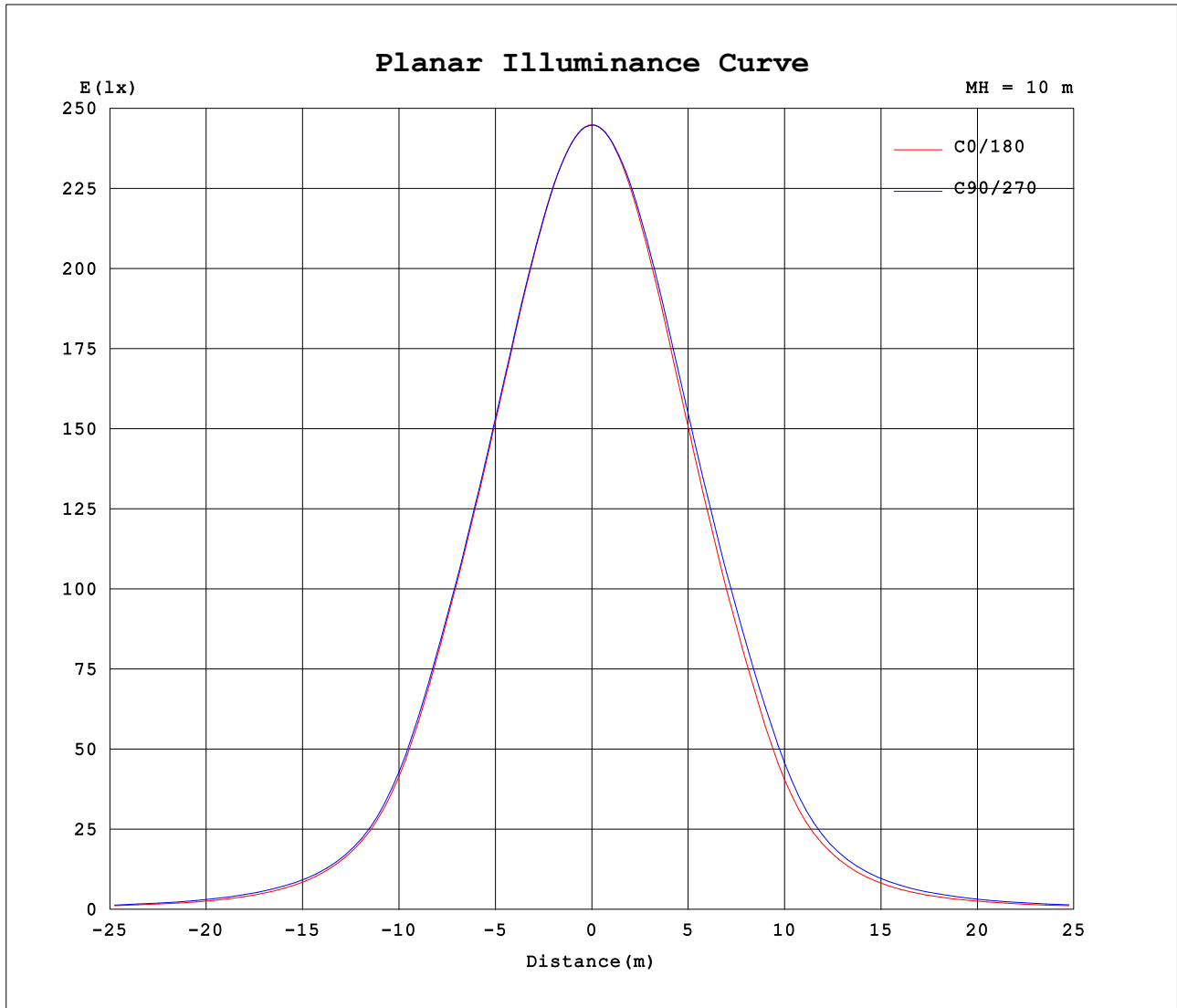


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

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: 2023-10-06

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:277.0V I:1.121A P:311.0W PF:0.9990 Freq:60.00Hz Lamp Flux:50939.6x1 lm | | |
| NAME: ASD-WHB5A-HV-PRO-320-320W-4000K | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP. | SUR.:1*0.3 | Shielding Angle: |

Table--1

UNIT: x10cd

| C (DEG) □ (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 2449 | 2449 | 2448 | 2447 | 2449 | 2449 | 2448 | 2447 | | | | | | | | | | | |
| 5 | 2437 | 2435 | 2436 | 2435 | 2438 | 2441 | 2439 | 2436 | | | | | | | | | | | |
| 10 | 2403 | 2401 | 2404 | 2401 | 2402 | 2410 | 2411 | 2404 | | | | | | | | | | | |
| 15 | 2345 | 2342 | 2352 | 2345 | 2342 | 2358 | 2362 | 2350 | | | | | | | | | | | |
| 20 | 2269 | 2265 | 2278 | 2266 | 2258 | 2282 | 2292 | 2277 | | | | | | | | | | | |
| 25 | 2166 | 2161 | 2179 | 2161 | 2146 | 2181 | 2196 | 2176 | | | | | | | | | | | |
| 30 | 2033 | 2025 | 2050 | 2022 | 2004 | 2050 | 2073 | 2046 | | | | | | | | | | | |
| 35 | 1855 | 1842 | 1874 | 1839 | 1815 | 1877 | 1911 | 1872 | | | | | | | | | | | |
| 40 | 1575 | 1568 | 1607 | 1578 | 1548 | 1630 | 1671 | 1609 | | | | | | | | | | | |
| 45 | 1176 | 1167 | 1217 | 1185 | 1147 | 1250 | 1296 | 1208 | | | | | | | | | | | |
| 50 | 807 | 797 | 839 | 815 | 786 | 863 | 891 | 828 | | | | | | | | | | | |
| 55 | 554 | 550 | 594 | 560 | 536 | 596 | 622 | 572 | | | | | | | | | | | |
| 60 | 382 | 391 | 435 | 396 | 371 | 421 | 452 | 404 | | | | | | | | | | | |
| 65 | 275 | 293 | 326 | 294 | 268 | 309 | 336 | 298 | | | | | | | | | | | |
| 70 | 209 | 227 | 246 | 228 | 204 | 237 | 251 | 229 | | | | | | | | | | | |
| 75 | 160 | 169 | 180 | 172 | 155 | 179 | 184 | 172 | | | | | | | | | | | |
| 80 | 111 | 112 | 119 | 118 | 108 | 123 | 123 | 115 | | | | | | | | | | | |
| 85 | 54.6 | 52.3 | 60.3 | 62.5 | 55.3 | 68.1 | 68.8 | 57.6 | | | | | | | | | | | |
| 90 | 1.83 | 1.86 | 1.92 | 1.96 | 1.98 | 6.08 | 2.94 | 1.99 | | | | | | | | | | | |
| 95 | 2.20 | 2.36 | 2.42 | 2.31 | 2.49 | 2.48 | 2.56 | 2.49 | | | | | | | | | | | |
| 100 | 2.81 | 3.00 | 3.10 | 2.96 | 3.21 | 3.19 | 3.28 | 3.18 | | | | | | | | | | | |
| 105 | 3.58 | 3.80 | 3.93 | 3.77 | 4.06 | 4.02 | 4.13 | 4.01 | | | | | | | | | | | |
| 110 | 4.49 | 4.73 | 4.87 | 4.70 | 5.00 | 4.96 | 5.07 | 4.94 | | | | | | | | | | | |
| 115 | 5.49 | 5.75 | 5.91 | 5.73 | 6.04 | 5.97 | 6.09 | 5.95 | | | | | | | | | | | |
| 120 | 6.58 | 6.85 | 7.00 | 6.84 | 7.15 | 7.07 | 7.20 | 7.05 | | | | | | | | | | | |
| 125 | 7.74 | 7.96 | 8.14 | 7.98 | 8.32 | 8.21 | 8.33 | 8.19 | | | | | | | | | | | |
| 130 | 8.87 | 9.10 | 9.27 | 9.14 | 9.53 | 9.36 | 9.53 | 9.35 | | | | | | | | | | | |
| 135 | 9.93 | 10.2 | 10.4 | 10.2 | 10.6 | 10.5 | 10.7 | 10.5 | | | | | | | | | | | |
| 140 | 11.0 | 11.3 | 11.4 | 11.3 | 11.6 | 11.6 | 11.7 | 11.6 | | | | | | | | | | | |
| 145 | 11.9 | 12.4 | 12.4 | 12.3 | 12.6 | 12.6 | 12.8 | 12.7 | | | | | | | | | | | |
| 150 | 13.0 | 13.5 | 13.5 | 13.3 | 13.7 | 13.6 | 13.9 | 13.7 | | | | | | | | | | | |
| 155 | 14.1 | 14.6 | 14.6 | 14.3 | 14.9 | 14.7 | 15.0 | 14.9 | | | | | | | | | | | |
| 160 | 15.3 | 15.7 | 15.8 | 15.4 | 16.2 | 16.0 | 16.3 | 16.2 | | | | | | | | | | | |
| 165 | 16.6 | 16.9 | 17.0 | 16.6 | 17.4 | 17.2 | 17.5 | 17.3 | | | | | | | | | | | |
| 170 | 17.7 | 17.8 | 18.0 | 17.6 | 18.3 | 18.1 | 18.4 | 18.1 | | | | | | | | | | | |
| 175 | 18.6 | 18.5 | 18.7 | 18.4 | 18.9 | 18.6 | 19.0 | 18.6 | | | | | | | | | | | |
| 180 | 18.9 | 18.8 | 19.1 | 18.8 | 18.9 | 18.8 | 19.1 | 18.8 | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:27DEG
 Operators:lianghaizhu
 Test Date:2023-10-06

□ 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: