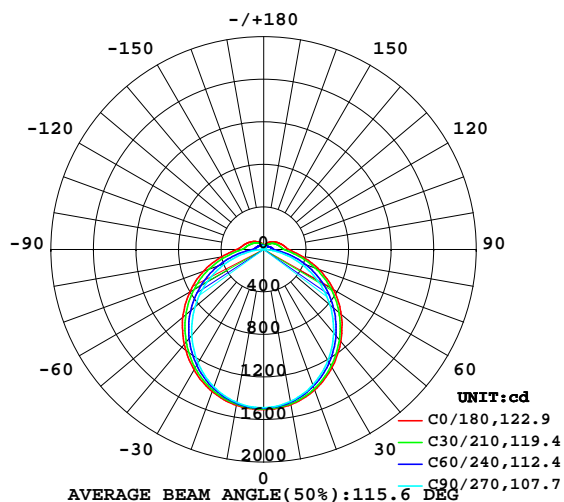


LUMINAIRE PHOTOMETRIC TEST REPORT

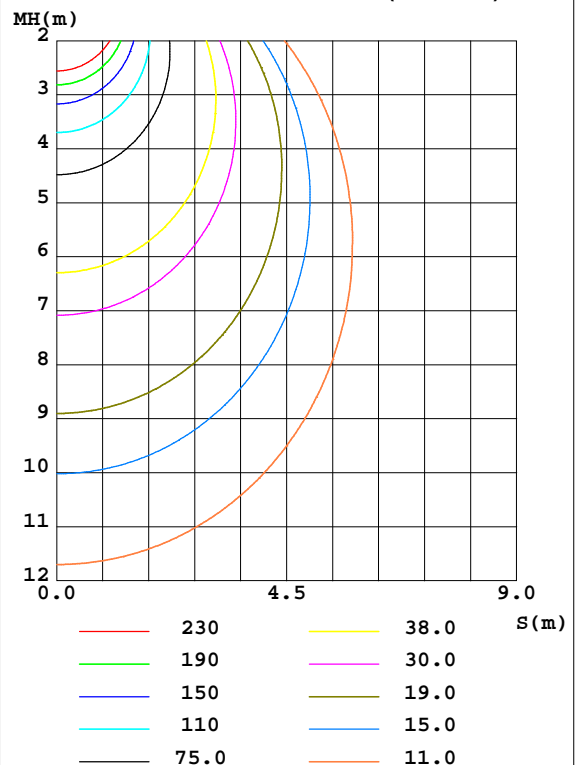
| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 134.28 lm/W | | | |
|------------------|---------|-----------------------------------|---------|------------------------|----------|
| MODEL | | Imax(cd) | 1506 | S/MH(C0/180) | 1.29 |
| NOMINAL POWER(W) | 38 | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 5129.4 | η UP,DN(C0-180) | 5.2,43.9 |
| NOMINAL FLUX(lm) | 5129.44 | CIE CLASS | SEMI-D. | η UP,DN(C180-360) | 5.4,45.5 |
| LAMPS INSIDE | 1 | η up(%) | 10.6 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 220.8 | η down(%) | 89.4 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

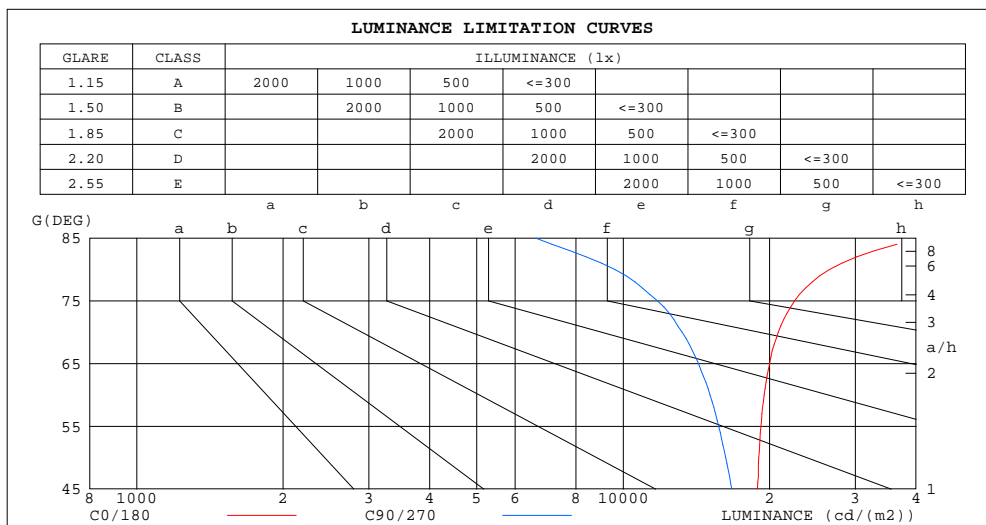
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 1481 | 1466 | 1451 | 1450 | 1488 | 1473 | 1461 | 1460 | 0- 10 | 141.1 | 141.1 | 2.75,2.75 |
| 20 | 1405 | 1381 | 1355 | 1368 | 1421 | 1398 | 1374 | 1386 | 10- 20 | 404.0 | 545.1 | 10.6,10.6 |
| 30 | 1284 | 1250 | 1208 | 1240 | 1309 | 1274 | 1234 | 1263 | 20- 30 | 611.4 | 1157 | 22.5,22.5 |
| 40 | 1130 | 1083 | 1025 | 1078 | 1164 | 1113 | 1054 | 1104 | 30- 40 | 738.0 | 1895 | 36.9,36.9 |
| 50 | 952.6 | 892.5 | 815.0 | 891.8 | 994.7 | 927.1 | 844.6 | 919.5 | 40- 50 | 773.3 | 2668 | 52,52 |
| 60 | 760.3 | 686.3 | 588.1 | 690.1 | 804.2 | 721.1 | 616.7 | 715.1 | 50- 60 | 719.0 | 3387 | 66,66 |
| 70 | 556.1 | 470.6 | 352.8 | 478.2 | 602.6 | 505.2 | 378.8 | 501.2 | 60- 70 | 586.2 | 3973 | 77.5,77.5 |
| 80 | 359.5 | 265.3 | 130.2 | 275.9 | 402.3 | 294.4 | 147.8 | 294.6 | 70- 80 | 397.8 | 4371 | 85.2,85.2 |
| 90 | 237.5 | 144.1 | 9.949 | 150.9 | 255.4 | 155.4 | 15.62 | 160.0 | 80- 90 | 216.4 | 4587 | 89.4,89.4 |
| 100 | 196.1 | 118.2 | 12.57 | 122.3 | 203.2 | 123.9 | 18.13 | 126.3 | 90-100 | 140.8 | 4728 | 92.2,92.2 |
| 110 | 166.1 | 101.0 | 15.63 | 104.5 | 172.4 | 106.1 | 19.86 | 106.0 | 100-110 | 115.5 | 4844 | 94.4,94.4 |
| 120 | 138.5 | 84.05 | 18.88 | 89.48 | 144.1 | 91.16 | 19.73 | 90.94 | 110-120 | 92.68 | 4936 | 96.2,96.2 |
| 130 | 113.2 | 66.03 | 21.89 | 76.45 | 118.6 | 77.69 | 22.79 | 74.61 | 120-130 | 71.24 | 5007 | 97.6,97.6 |
| 140 | 91.22 | 52.08 | 24.88 | 65.01 | 95.89 | 65.76 | 25.29 | 58.60 | 130-140 | 51.13 | 5059 | 98.6,98.6 |
| 150 | 71.36 | 43.39 | 27.85 | 54.69 | 75.64 | 55.27 | 27.96 | 47.40 | 140-150 | 34.66 | 5093 | 99.3,99.3 |
| 160 | 52.27 | 38.15 | 30.56 | 45.45 | 57.95 | 45.90 | 30.38 | 40.04 | 150-160 | 21.57 | 5115 | 99.7,99.7 |
| 170 | 38.67 | 35.02 | 32.75 | 37.35 | 43.14 | 37.82 | 32.35 | 35.33 | 160-170 | 11.27 | 5126 | 99.9,99.9 |
| 180 | 34.16 | 33.47 | 33.49 | 33.23 | 34.27 | 33.46 | 33.46 | 33.26 | 170-180 | 3.342 | 5129 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
 Humidity:65.0%
 Test Distance:8.000m [K=0.7063]
 Remarks: 电源: LF-GLD045YE1000H,
 PCB: A1200-12S20P-V1.0,
 灯珠: HL-A-2835D68W-2-S1-08L-HR3,
 0.2W超高光效

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 41992 | 6613 |
| 80 | 26543 | 9616 |
| 75 | 22500 | 11765 |
| 70 | 20847 | 13226 |
| 65 | 20001 | 14281 |
| 60 | 19496 | 15079 |
| 55 | 19192 | 15719 |
| 50 | 18999 | 16255 |
| 45 | 18890 | 16730 |

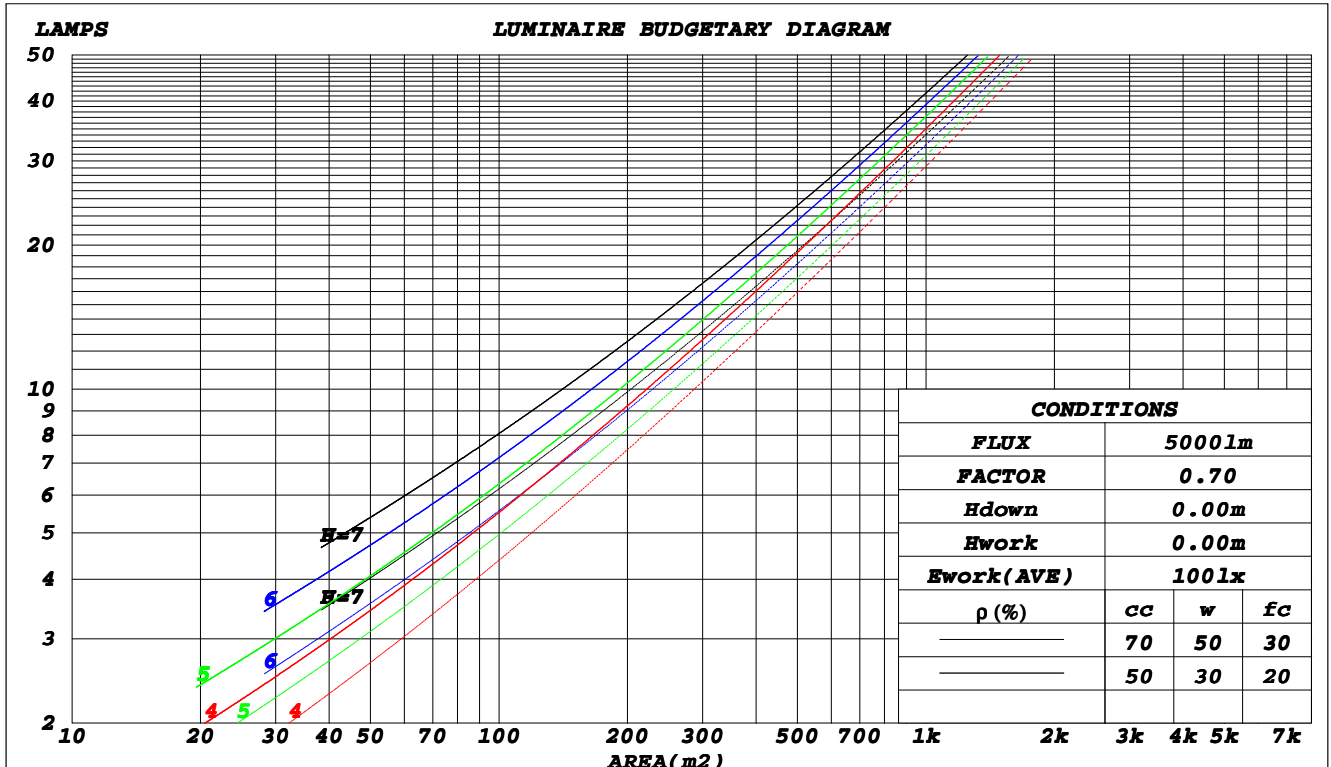
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz | | |
| Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|---------------------------------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| 0.0 | 1.17 | 1.17 | 1.17 | 1.13 | 1.13 | 1.13 | 1.05 | 1.05 | 1.05 | .99 | .99 | .99 | .92 | .92 | .92 | .89 |
| 1.0 | .00 | .95 | .91 | .96 | .92 | .88 | .90 | .87 | .84 | .85 | .82 | .79 | .79 | .77 | .75 | .72 |
| 2.0 | .86 | .79 | .73 | .84 | .77 | .71 | .78 | .73 | .68 | .73 | .69 | .65 | .69 | .65 | .62 | .59 |
| 3.0 | .75 | .67 | .60 | .73 | .65 | .59 | .69 | .62 | .57 | .64 | .59 | .54 | .60 | .56 | .52 | .49 |
| 4.0 | .67 | .58 | .51 | .65 | .56 | .50 | .61 | .54 | .48 | .57 | .51 | .46 | .54 | .49 | .44 | .42 |
| 5.0 | .59 | .50 | .43 | .58 | .49 | .43 | .54 | .47 | .41 | .51 | .45 | .40 | .48 | .43 | .38 | .36 |
| 6.0 | .53 | .44 | .38 | .52 | .43 | .37 | .49 | .41 | .36 | .46 | .40 | .35 | .44 | .38 | .34 | .31 |
| 7.0 | .48 | .39 | .33 | .47 | .39 | .33 | .44 | .37 | .32 | .42 | .36 | .31 | .40 | .34 | .30 | .28 |
| 8.0 | .44 | .35 | .29 | .43 | .35 | .29 | .41 | .33 | .28 | .39 | .32 | .27 | .37 | .31 | .27 | .25 |
| 9.0 | .40 | .32 | .26 | .39 | .31 | .26 | .37 | .30 | .25 | .35 | .29 | .25 | .34 | .28 | .24 | .22 |
| 10.0 | .37 | .29 | .24 | .36 | .29 | .24 | .34 | .28 | .23 | .33 | .27 | .22 | .31 | .26 | .22 | .20 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

WEC AND CCEC

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz | | |
| Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .339 | .193 | .061 | .329 | .188 | .060 | .309 | .178 | .057 | .292 | .168 | .054 | .275 | .160 | .051 | | |
| 2.0 | .307 | .168 | .052 | .297 | .164 | .050 | .280 | .156 | .048 | .264 | .148 | .046 | .249 | .141 | .044 | | |
| 3.0 | .279 | .148 | .044 | .270 | .145 | .044 | .255 | .138 | .042 | .240 | .132 | .040 | .227 | .126 | .039 | | |
| 4.0 | .254 | .132 | .039 | .247 | .129 | .038 | .233 | .123 | .037 | .220 | .118 | .036 | .208 | .113 | .034 | | |
| 5.0 | .233 | .119 | .034 | .227 | .116 | .034 | .214 | .111 | .033 | .202 | .107 | .032 | .191 | .102 | .031 | | |
| 6.0 | .215 | .108 | .031 | .209 | .106 | .030 | .198 | .101 | .030 | .187 | .097 | .029 | .177 | .093 | .028 | | |
| 7.0 | .200 | .099 | .028 | .194 | .097 | .028 | .184 | .093 | .027 | .174 | .089 | .026 | .165 | .086 | .025 | | |
| 8.0 | .186 | .091 | .026 | .181 | .089 | .025 | .171 | .086 | .024 | .163 | .082 | .024 | .154 | .079 | .023 | | |
| 9.0 | .174 | .084 | .024 | .169 | .083 | .023 | .161 | .079 | .023 | .152 | .076 | .022 | .145 | .073 | .021 | | |
| 10.0 | .163 | .078 | .022 | .159 | .077 | .021 | .151 | .074 | .021 | .143 | .071 | .020 | .136 | .069 | .020 | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .271 | .271 | .271 | .232 | .232 | .232 | .158 | .158 | .158 | .091 | .091 | .091 | .029 | .029 | .029 | |
| 1.0 | .264 | .237 | .213 | .225 | .203 | .184 | .154 | .140 | .127 | .089 | .081 | .074 | .028 | .026 | .024 | |
| 2.0 | .256 | .214 | .178 | .219 | .184 | .154 | .150 | .127 | .107 | .087 | .074 | .063 | .028 | .024 | .020 | |
| 3.0 | .248 | .197 | .155 | .213 | .170 | .135 | .146 | .118 | .094 | .084 | .069 | .056 | .027 | .022 | .018 | |
| 4.0 | .241 | .184 | .140 | .207 | .159 | .122 | .142 | .111 | .086 | .082 | .065 | .051 | .026 | .021 | .017 | |
| 5.0 | .233 | .174 | .130 | .200 | .150 | .113 | .138 | .105 | .080 | .080 | .062 | .047 | .026 | .020 | .016 | |
| 6.0 | .226 | .165 | .122 | .194 | .143 | .106 | .134 | .100 | .075 | .078 | .059 | .045 | .025 | .019 | .015 | |
| 7.0 | .219 | .159 | .116 | .188 | .138 | .101 | .130 | .096 | .072 | .076 | .057 | .043 | .024 | .019 | .014 | |
| 8.0 | .213 | .153 | .112 | .183 | .133 | .098 | .127 | .093 | .069 | .074 | .055 | .041 | .024 | .018 | .014 | |
| 9.0 | .206 | .148 | .109 | .178 | .129 | .095 | .123 | .090 | .067 | .072 | .053 | .040 | .023 | .018 | .013 | |
| 10.0 | .201 | .144 | .106 | .173 | .125 | .093 | .120 | .088 | .066 | .070 | .052 | .039 | .023 | .017 | .013 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
 PCB: A1200-12S20P-V1.0,
 灯珠: HL-A-2835D68W-2-S1-08L-HR3,
 0.2W超高光效

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|--------------------|----------------|------|------|------|------|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | | | | | | | | | |
| Name: A1200 38W BTPIR 5000K | | | | | Type: 长条形 | | | | | |
| MFR.: | | | | | DIM.: 1200*74*63mm | | | | | |
| | | | | | SUR.: 1112*70.5mm | | | | | |
| 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 | 21.8 | 23.2 | 22.3 | 23.8 | 24.3 | 20.6 | 22.1 | 21.1 | 22.6 | 23.2 |
| 3H | 24.1 | 25.4 | 24.6 | 25.9 | 26.5 | 22.3 | 23.6 | 22.9 | 24.2 | 24.8 |
| 4H | 25.1 | 26.4 | 25.7 | 26.9 | 27.6 | 22.9 | 24.2 | 23.5 | 24.7 | 25.3 |
| 6H | 26.2 | 27.3 | 26.8 | 27.9 | 28.5 | 23.3 | 24.5 | 23.9 | 25.0 | 25.7 |
| 8H | 26.7 | 27.8 | 27.3 | 28.4 | 29.1 | 23.4 | 24.5 | 24.0 | 25.1 | 25.7 |
| 12H | 27.3 | 28.4 | 27.9 | 29.0 | 29.6 | 23.4 | 24.5 | 24.0 | 25.1 | 25.8 |
| 4H 2H | 22.4 | 23.6 | 22.9 | 24.2 | 24.8 | 21.5 | 22.7 | 22.0 | 23.3 | 23.9 |
| 3H | 24.9 | 26.0 | 25.5 | 26.6 | 27.2 | 23.5 | 24.5 | 24.0 | 25.1 | 25.7 |
| 4H | 26.2 | 27.1 | 26.7 | 27.7 | 28.4 | 24.2 | 25.2 | 24.8 | 25.8 | 26.4 |
| 6H | 27.4 | 28.3 | 28.0 | 28.9 | 29.6 | 24.7 | 25.6 | 25.3 | 26.2 | 26.9 |
| 8H | 28.0 | 28.8 | 28.7 | 29.5 | 30.2 | 24.9 | 25.7 | 25.5 | 26.3 | 27.0 |
| 12H | 28.8 | 29.5 | 29.4 | 30.1 | 30.9 | 25.0 | 25.7 | 25.6 | 26.3 | 27.0 |
| 8H 4H | 26.5 | 27.3 | 27.1 | 27.9 | 28.6 | 24.9 | 25.7 | 25.5 | 26.3 | 27.0 |
| 6H | 27.9 | 28.6 | 28.6 | 29.3 | 30.0 | 25.6 | 26.3 | 26.2 | 26.9 | 27.6 |
| 8H | 28.8 | 29.4 | 29.4 | 30.0 | 30.7 | 25.9 | 26.5 | 26.5 | 27.1 | 27.9 |
| 12H | 29.7 | 30.3 | 30.4 | 30.9 | 31.7 | 26.0 | 26.6 | 26.7 | 27.2 | 28.0 |
| 12H 4H | 26.5 | 27.2 | 27.1 | 27.9 | 28.6 | 25.0 | 25.7 | 25.6 | 26.4 | 27.1 |
| 6H | 28.0 | 28.6 | 28.7 | 29.3 | 30.0 | 25.9 | 26.5 | 26.6 | 27.1 | 27.9 |
| 8H | 28.9 | 29.5 | 29.6 | 30.1 | 30.9 | 26.3 | 26.8 | 26.9 | 27.5 | 28.2 |
| CIE190: 2010 | | | | | | | | | | |
| | | | | | | | | | | |

CIE190: 2010
Area: 0.078 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

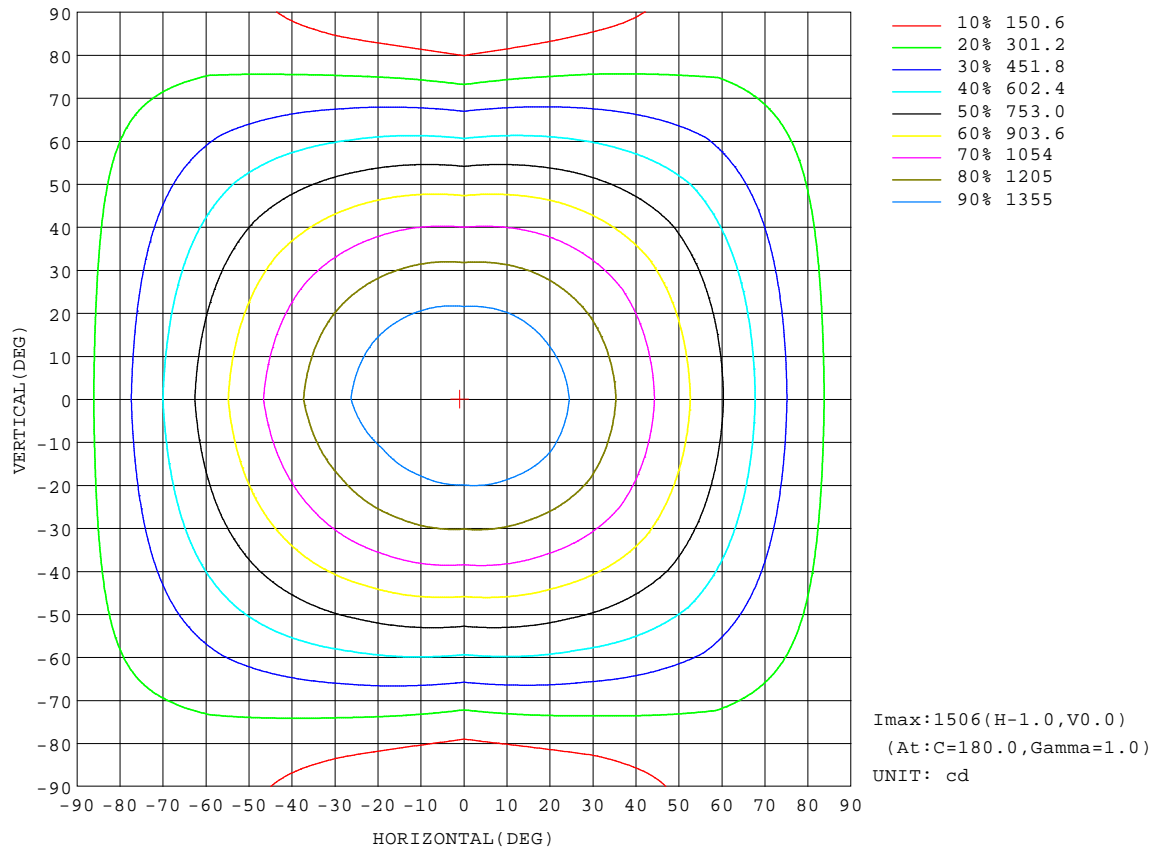
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 53 | 41 | 34 | 52 | 40 | 34 | 50 | 40 | 33 | 27 |
| 0.80 | 62 | 50 | 43 | 61 | 50 | 42 | 59 | 48 | 42 | 34 |
| 1.00 | 70 | 59 | 51 | 69 | 58 | 50 | 66 | 58 | 49 | 41 |
| 1.25 | 77 | 66 | 58 | 75 | 65 | 58 | 72 | 63 | 56 | 48 |
| 1.50 | 82 | 72 | 64 | 80 | 70 | 63 | 76 | 68 | 61 | 52 |
| 2.00 | 89 | 80 | 73 | 87 | 78 | 71 | 82 | 75 | 69 | 59 |
| 2.50 | 94 | 85 | 78 | 91 | 83 | 76 | 86 | 79 | 74 | 63 |
| 3.00 | 97 | 89 | 83 | 94 | 87 | 81 | 89 | 83 | 78 | 67 |
| 4.00 | 101 | 95 | 89 | 98 | 92 | 87 | 92 | 87 | 83 | 71 |
| 5.00 | 104 | 98 | 94 | 101 | 96 | 91 | 94 | 90 | 87 | 74 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |



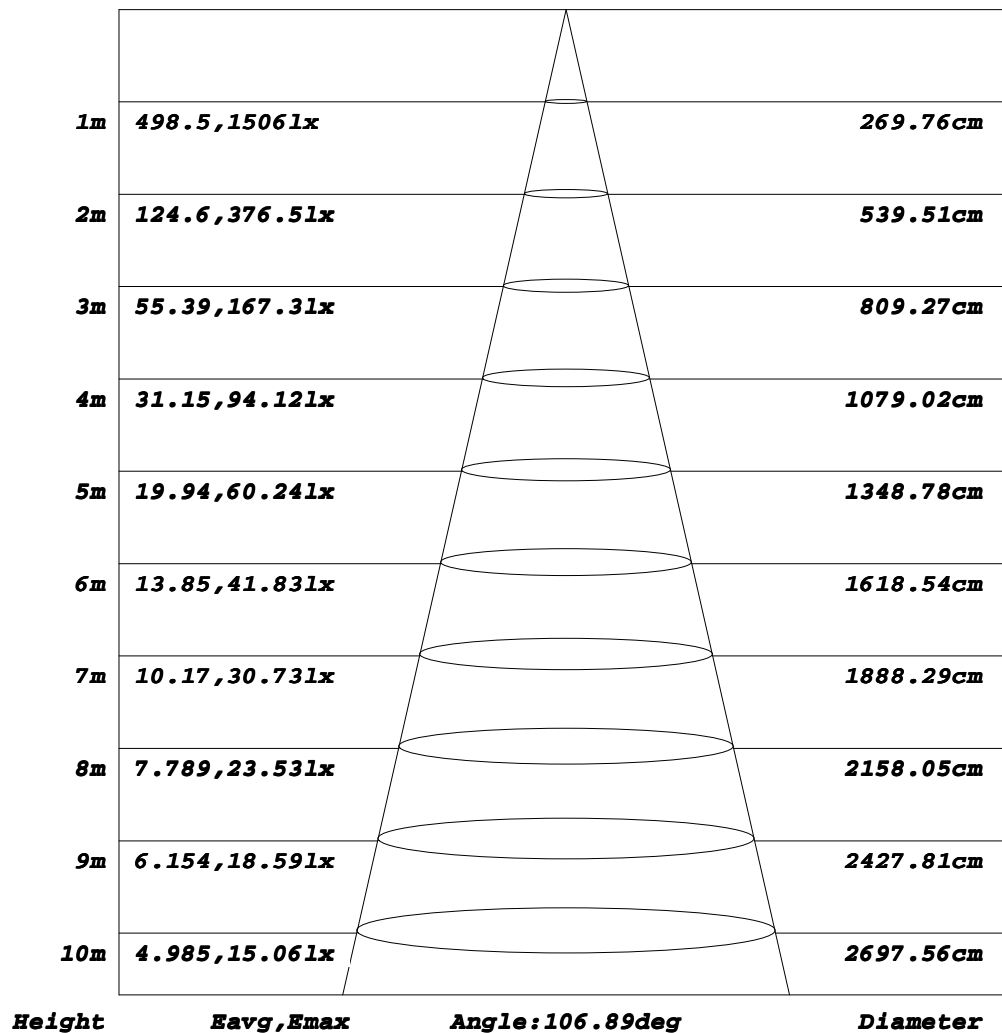
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity:65.0%
Test Distance:8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

AAI Figure

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

Flux out:2967 lm



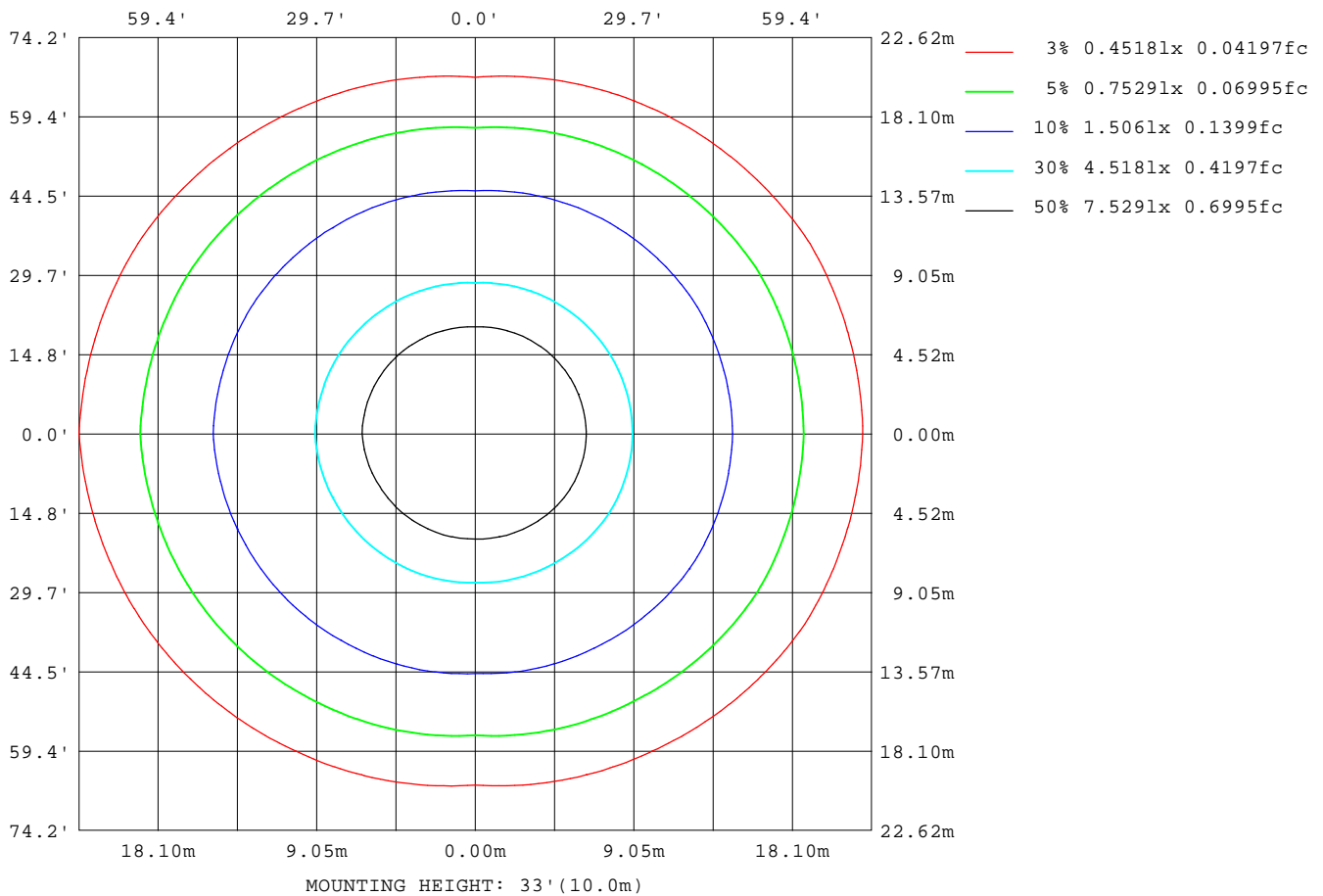
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

ISOLUX DIAGRAM

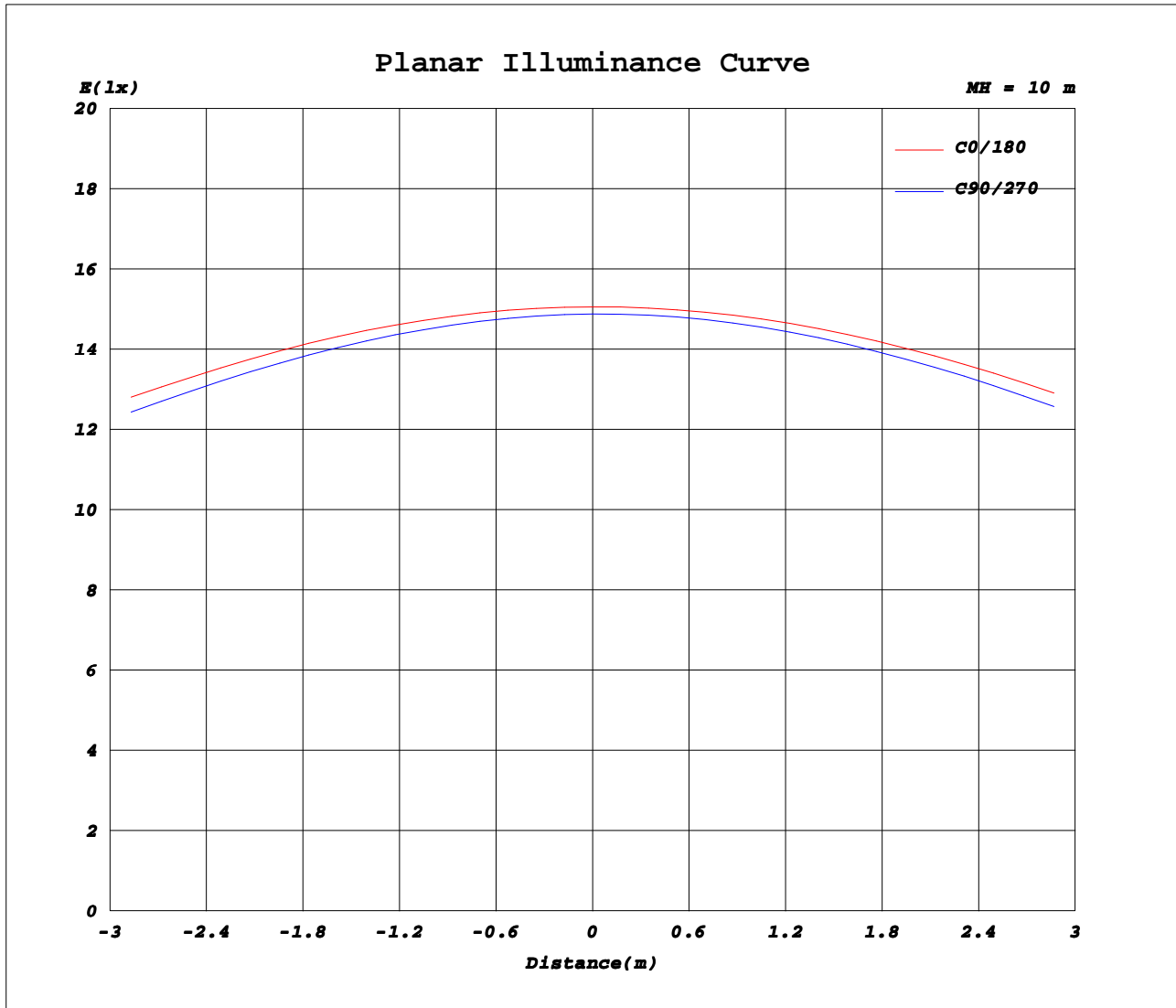
| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
Humidity: 65.0%
Test Distance: 8.000m [K=0.7063]
Remarks: 电源: LF-GLD045YE1000H,
PCB: A1200-12S20P-V1.0,
灯珠: HL-A-2835D68W-2-S1-08L-HR3,
0.2W超高光效

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.1800A P:38.200W PF:0.9600 Freq:50.00Hz Lamp Flux:5129.44x1 lm | | |
| Name: A1200 38W BTPIR 5000K | Type: 长条形 | |
| MFR.: | DIM.: 1200*74*63mm | |
| | SUR.: 1112*70.5mm | |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 1506 | 1499 | 1493 | 1488 | 1483 | 1480 | 1506 | 1499 | 1493 | 1488 | 1483 | 1480 | | | | | | | |
| 5 | 1500 | 1492 | 1483 | 1478 | 1473 | 1472 | 1502 | 1494 | 1488 | 1482 | 1479 | 1476 | | | | | | | |
| 10 | 1481 | 1473 | 1459 | 1451 | 1448 | 1452 | 1488 | 1477 | 1469 | 1461 | 1461 | 1460 | | | | | | | |
| 15 | 1449 | 1439 | 1421 | 1410 | 1411 | 1421 | 1461 | 1448 | 1436 | 1425 | 1429 | 1431 | | | | | | | |
| 20 | 1405 | 1394 | 1369 | 1355 | 1360 | 1377 | 1421 | 1407 | 1389 | 1374 | 1383 | 1390 | | | | | | | |
| 25 | 1350 | 1336 | 1306 | 1287 | 1297 | 1321 | 1370 | 1353 | 1330 | 1310 | 1324 | 1336 | | | | | | | |
| 30 | 1284 | 1268 | 1231 | 1208 | 1225 | 1256 | 1309 | 1289 | 1259 | 1234 | 1255 | 1272 | | | | | | | |
| 35 | 1210 | 1192 | 1148 | 1121 | 1143 | 1182 | 1239 | 1215 | 1179 | 1148 | 1177 | 1199 | | | | | | | |
| 40 | 1130 | 1109 | 1058 | 1025 | 1054 | 1101 | 1164 | 1135 | 1092 | 1054 | 1090 | 1118 | | | | | | | |
| 45 | 1042 | 1019 | 959 | 923 | 957 | 1015 | 1080 | 1047 | 997 | 951 | 995 | 1032 | | | | | | | |
| 50 | 953 | 925 | 860 | 815 | 860 | 924 | 995 | 955 | 899 | 845 | 898 | 941 | | | | | | | |
| 55 | 859 | 828 | 754 | 703 | 756 | 829 | 900 | 859 | 791 | 733 | 791 | 846 | | | | | | | |
| 60 | 760 | 726 | 646 | 588 | 650 | 730 | 804 | 760 | 683 | 617 | 683 | 747 | | | | | | | |
| 65 | 659 | 623 | 535 | 471 | 541 | 630 | 704 | 657 | 572 | 499 | 574 | 646 | | | | | | | |
| 70 | 556 | 517 | 424 | 353 | 431 | 525 | 603 | 553 | 458 | 379 | 461 | 542 | | | | | | | |
| 75 | 454 | 414 | 315 | 238 | 324 | 424 | 499 | 446 | 347 | 259 | 351 | 438 | | | | | | | |
| 80 | 360 | 318 | 212 | 130 | 223 | 328 | 402 | 347 | 242 | 148 | 248 | 341 | | | | | | | |
| 85 | 285 | 241 | 133 | 45.0 | 143 | 249 | 317 | 263 | 154 | 59.6 | 164 | 260 | | | | | | | |
| 90 | 238 | 194 | 94.1 | 9.95 | 102 | 200 | 255 | 207 | 104 | 15.6 | 113 | 207 | | | | | | | |
| 95 | 212 | 173 | 83.4 | 11.1 | 89.6 | 176 | 223 | 180 | 89.4 | 16.7 | 98.1 | 183 | | | | | | | |
| 100 | 196 | 160 | 76.4 | 12.6 | 82.3 | 162 | 203 | 165 | 82.4 | 18.1 | 83.4 | 169 | | | | | | | |
| 105 | 181 | 148 | 70.9 | 14.0 | 76.2 | 150 | 187 | 153 | 76.6 | 19.5 | 82.0 | 154 | | | | | | | |
| 110 | 166 | 136 | 66.1 | 15.6 | 71.2 | 138 | 172 | 140 | 71.8 | 19.9 | 77.8 | 134 | | | | | | | |
| 115 | 152 | 125 | 60.7 | 17.3 | 66.7 | 127 | 158 | 129 | 67.5 | 19.1 | 72.3 | 125 | | | | | | | |
| 120 | 138 | 114 | 53.9 | 18.9 | 62.9 | 116 | 144 | 119 | 63.8 | 19.7 | 63.8 | 118 | | | | | | | |
| 125 | 126 | 104 | 48.5 | 20.4 | 59.3 | 106 | 131 | 108 | 60.2 | 21.4 | 58.5 | 108 | | | | | | | |
| 130 | 113 | 87.7 | 44.4 | 21.9 | 56.0 | 96.9 | 119 | 98.8 | 56.6 | 22.8 | 52.8 | 96.4 | | | | | | | |
| 135 | 102 | 74.2 | 41.1 | 23.4 | 53.0 | 88.2 | 107 | 89.8 | 53.2 | 24.1 | 48.2 | 83.7 | | | | | | | |
| 140 | 91.2 | 65.4 | 38.8 | 24.9 | 50.2 | 79.8 | 95.9 | 81.4 | 50.2 | 25.3 | 44.5 | 72.7 | | | | | | | |
| 145 | 81.0 | 57.0 | 36.9 | 26.4 | 47.5 | 71.9 | 85.5 | 73.4 | 47.3 | 26.6 | 41.5 | 63.4 | | | | | | | |
| 150 | 71.4 | 50.5 | 36.2 | 27.8 | 44.8 | 64.6 | 75.6 | 65.9 | 44.7 | 28.0 | 39.2 | 55.6 | | | | | | | |
| 155 | 61.6 | 45.3 | 35.8 | 29.3 | 42.3 | 57.6 | 66.6 | 58.8 | 42.1 | 29.2 | 38.0 | 49.0 | | | | | | | |
| 160 | 52.3 | 41.0 | 35.3 | 30.6 | 39.8 | 51.1 | 57.9 | 52.1 | 39.7 | 30.4 | 36.6 | 43.5 | | | | | | | |
| 165 | 46.4 | 38.4 | 34.6 | 31.8 | 37.3 | 44.9 | 50.2 | 45.8 | 37.3 | 31.4 | 35.4 | 39.2 | | | | | | | |
| 170 | 38.7 | 36.1 | 33.9 | 32.8 | 35.5 | 39.2 | 43.1 | 40.2 | 35.5 | 32.3 | 34.3 | 36.3 | | | | | | | |
| 175 | 34.7 | 34.2 | 33.5 | 33.4 | 34.1 | 35.2 | 36.6 | 35.5 | 34.2 | 33.1 | 33.6 | 34.1 | | | | | | | |
| 180 | 34.2 | 33.5 | 33.4 | 33.5 | 33.3 | 33.2 | 34.3 | 33.4 | 33.5 | 33.5 | 33.4 | 33.1 | | | | | | | |

C Range: 0 - 360DEG

C Interval: 30.0DEG

Test Speed: HIGH

Temperature: 25.3DEG

Operators: DAMIN

Test Date: 2023-09-06

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443

Humidity: 65.0%

Test Distance: 8.000m [K=0.7063]

Remarks: 电源: LF-GLD045YE1000H,

PCB: A1200-12S20P-V1.0,

灯珠: HL-A-2835D68W-2-S1-08L-HR3,

0.2W超高光效