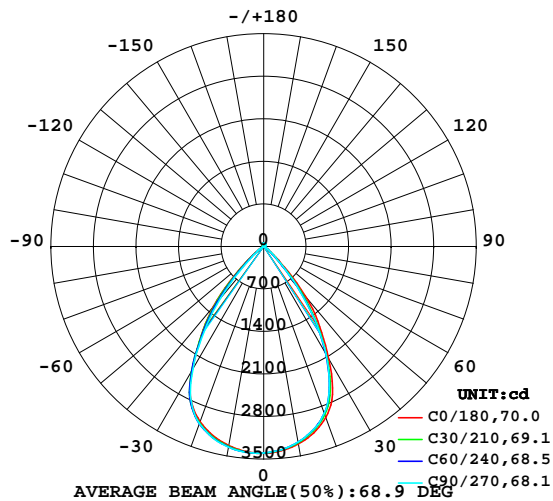


LUMINAIRE PHOTOMETRIC TEST REPORT

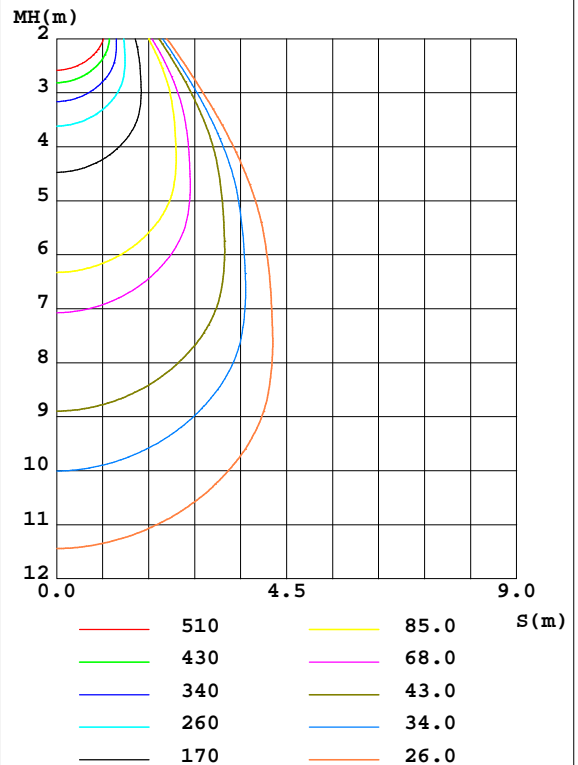
| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 122.46 lm/W | | | |
|------------------|---------|-----------------------------------|--------|------------------------|----------|
| MODEL | | Imax(cd) | 3404 | S/MH(C0/180) | 1.05 |
| NOMINAL POWER(W) | 32 | LOR(%) | 100.0 | S/MH(C90/270) | 1.03 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 4139.1 | η UP,DN(C0-180) | 1.6,46.3 |
| NOMINAL FLUX(lm) | 4139.09 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 1.7,50.4 |
| LAMPS INSIDE | 1 | η up(%) | 3.3 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 220.8 | η down(%) | 96.7 | CIBSE SHR MAX | 1.05 |

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:2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

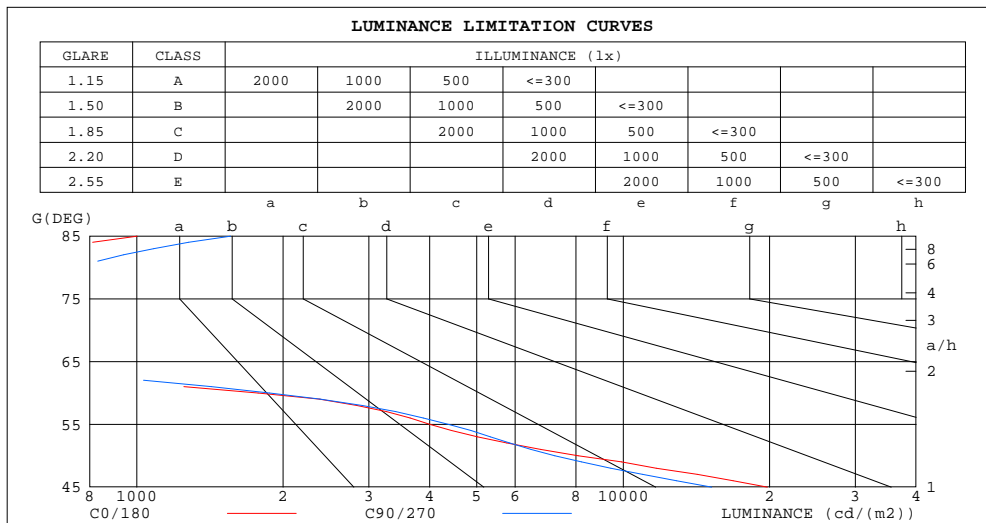
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 3298 | 3273 | 3268 | 3293 | 3325 | 3345 | 3352 | 3334 | 0- 10 | 320.4 | 320.4 | 7.74,7.74 |
| 20 | 2994 | 2932 | 2919 | 2985 | 3064 | 3097 | 3102 | 3064 | 10- 20 | 898.8 | 1219 | 29.5,29.5 |
| 30 | 2140 | 2056 | 2058 | 2207 | 2362 | 2377 | 2336 | 2257 | 20- 30 | 1232 | 2451 | 59.2,59.2 |
| 40 | 1067 | 881.3 | 844.1 | 1065 | 1290 | 1225 | 1105 | 1070 | 30- 40 | 1018 | 3469 | 83.8,83.8 |
| 50 | 181.9 | 156.6 | 162.7 | 228.7 | 285.2 | 239.7 | 180.7 | 169.6 | 40- 50 | 418.9 | 3888 | 93.9,93.9 |
| 60 | 31.07 | 29.66 | 32.85 | 45.17 | 55.32 | 48.06 | 37.58 | 33.08 | 50- 60 | 89.35 | 3977 | 96.1,96.1 |
| 70 | 3.366 | 4.429 | 5.381 | 6.135 | 6.902 | 8.372 | 9.041 | 7.072 | 60- 70 | 13.64 | 3991 | 96.4,96.4 |
| 80 | 2.747 | 3.727 | 4.540 | 5.064 | 5.581 | 6.751 | 7.300 | 5.720 | 70- 80 | 5.900 | 3997 | 96.6,96.6 |
| 90 | 3.717 | 3.929 | 4.458 | 5.524 | 6.622 | 7.472 | 7.645 | 6.231 | 80- 90 | 5.960 | 4003 | 96.7,96.7 |
| 100 | 6.341 | 6.363 | 6.800 | 7.993 | 9.129 | 9.382 | 9.073 | 8.004 | 90-100 | 7.151 | 4010 | 96.9,96.9 |
| 110 | 10.74 | 10.72 | 11.04 | 11.99 | 12.87 | 12.87 | 12.47 | 11.75 | 100-110 | 10.28 | 4020 | 97.1,97.1 |
| 120 | 17.40 | 17.05 | 17.05 | 17.69 | 18.26 | 17.88 | 17.37 | 17.28 | 110-120 | 14.36 | 4034 | 97.5,97.5 |
| 130 | 26.52 | 25.26 | 24.61 | 25.04 | 25.50 | 24.60 | 23.89 | 24.73 | 120-130 | 18.87 | 4053 | 97.9,97.9 |
| 140 | 35.65 | 33.86 | 32.87 | 33.22 | 33.64 | 32.39 | 31.51 | 32.89 | 130-140 | 22.42 | 4076 | 98.5,98.5 |
| 150 | 43.11 | 42.16 | 41.36 | 40.72 | 40.22 | 39.72 | 39.72 | 40.98 | 140-150 | 23.23 | 4099 | 99,99 |
| 160 | 49.30 | 49.89 | 49.47 | 47.14 | 45.07 | 46.05 | 47.69 | 48.61 | 150-160 | 20.48 | 4119 | 99.5,99.5 |
| 170 | 55.76 | 56.08 | 55.64 | 53.72 | 52.05 | 52.81 | 54.15 | 55.01 | 160-170 | 14.43 | 4134 | 99.9,99.9 |
| 180 | 57.80 | 57.86 | 57.88 | 57.85 | 57.81 | 57.84 | 57.87 | 57.85 | 170-180 | 5.343 | 4139 | 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:2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
 PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050
 (1050mA)

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 1002 | 1559 |
| 80 | 452 | 747 |
| 75 | 306 | 521 |
| 70 | 281 | 450 |
| 65 | 321 | 497 |
| 60 | 1776 | 1877 |
| 55 | 4010 | 4375 |
| 50 | 8086 | 7233 |
| 45 | 19789 | 15204 |

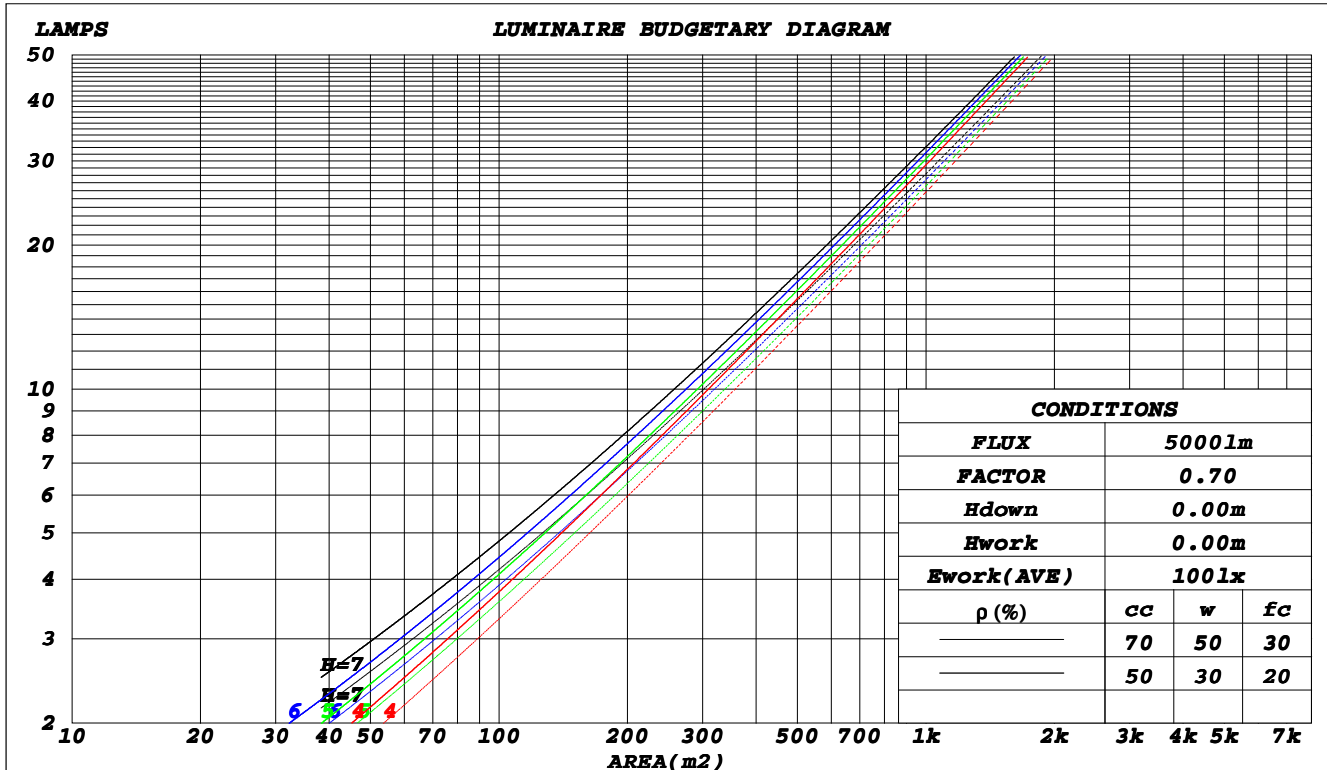
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED: HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050(1050mA)

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz | | |
| Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

| 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 | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.18 | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.09 | 1.09 | 1.09 | 1.04 | 1.04 | 1.04 | .99 | .99 | .99 | .97 |
| 1.0 | 1.09 | 1.07 | 1.04 | 1.07 | 1.04 | 1.02 | 1.02 | 1.00 | .98 | .98 | .96 | .95 | .94 | .93 | .92 | .90 |
| 2.0 | 1.01 | .96 | .93 | .99 | .95 | .91 | .95 | .92 | .89 | .91 | .89 | .87 | .88 | .86 | .84 | .82 |
| 3.0 | .93 | .88 | .83 | .91 | .86 | .82 | .88 | .84 | .81 | .85 | .82 | .79 | .83 | .80 | .77 | .76 |
| 4.0 | .86 | .80 | .76 | .85 | .79 | .75 | .82 | .77 | .74 | .80 | .76 | .72 | .77 | .74 | .71 | .70 |
| 5.0 | .80 | .74 | .69 | .79 | .73 | .68 | .77 | .71 | .68 | .74 | .70 | .67 | .73 | .69 | .66 | .64 |
| 6.0 | .74 | .68 | .63 | .73 | .67 | .63 | .71 | .66 | .62 | .70 | .65 | .61 | .68 | .64 | .61 | .59 |
| 7.0 | .69 | .63 | .58 | .68 | .62 | .58 | .67 | .61 | .57 | .65 | .60 | .57 | .64 | .60 | .56 | .55 |
| 8.0 | .65 | .58 | .54 | .64 | .58 | .54 | .63 | .57 | .53 | .61 | .56 | .53 | .60 | .56 | .52 | .51 |
| 9.0 | .61 | .54 | .50 | .60 | .54 | .50 | .59 | .53 | .49 | .58 | .53 | .49 | .56 | .52 | .49 | .47 |
| 10.0 | .57 | .51 | .46 | .56 | .50 | .46 | .55 | .50 | .46 | .54 | .49 | .46 | .53 | .49 | .45 | .44 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED: HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

WEC AND CCEC

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

| 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 | .193 | .109 | .035 | .185 | .105 | .033 | .170 | .098 | .031 | .157 | .090 | .029 | .145 | .084 | .027 | | |
| 2.0 | .185 | .102 | .031 | .179 | .098 | .030 | .166 | .092 | .029 | .155 | .087 | .027 | .144 | .081 | .026 | | |
| 3.0 | .177 | .094 | .028 | .171 | .092 | .028 | .160 | .087 | .026 | .150 | .082 | .025 | .141 | .078 | .024 | | |
| 4.0 | .169 | .088 | .026 | .164 | .086 | .025 | .154 | .082 | .024 | .145 | .078 | .024 | .137 | .075 | .023 | | |
| 5.0 | .161 | .082 | .024 | .157 | .080 | .023 | .148 | .077 | .023 | .140 | .074 | .022 | .133 | .071 | .021 | | |
| 6.0 | .154 | .077 | .022 | .150 | .076 | .022 | .142 | .073 | .021 | .135 | .070 | .021 | .128 | .068 | .020 | | |
| 7.0 | .147 | .073 | .021 | .143 | .071 | .020 | .136 | .069 | .020 | .130 | .067 | .019 | .124 | .064 | .019 | | |
| 8.0 | .140 | .068 | .019 | .137 | .067 | .019 | .131 | .065 | .019 | .125 | .063 | .018 | .120 | .061 | .018 | | |
| 9.0 | .134 | .065 | .018 | .131 | .064 | .018 | .126 | .062 | .018 | .120 | .060 | .017 | .115 | .059 | .017 | | |
| 10.0 | .128 | .062 | .017 | .126 | .061 | .017 | .121 | .059 | .017 | .116 | .058 | .016 | .111 | .056 | .016 | | |

| 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 | .216 | .216 | .216 | .184 | .184 | .184 | .126 | .126 | .126 | .072 | .072 | .072 | .023 | .023 | .023 | |
| 1.0 | .198 | .183 | .169 | .169 | .157 | .145 | .116 | .108 | .101 | .067 | .062 | .058 | .021 | .020 | .019 | |
| 2.0 | .184 | .158 | .136 | .157 | .136 | .118 | .108 | .094 | .082 | .062 | .055 | .048 | .020 | .018 | .016 | |
| 3.0 | .172 | .139 | .113 | .148 | .120 | .098 | .101 | .083 | .069 | .059 | .049 | .041 | .019 | .016 | .013 | |
| 4.0 | .163 | .125 | .096 | .140 | .108 | .083 | .096 | .075 | .059 | .056 | .044 | .035 | .018 | .014 | .011 | |
| 5.0 | .155 | .114 | .083 | .133 | .098 | .073 | .092 | .069 | .051 | .053 | .040 | .030 | .017 | .013 | .010 | |
| 6.0 | .148 | .105 | .074 | .127 | .091 | .064 | .088 | .063 | .045 | .051 | .037 | .027 | .016 | .012 | .009 | |
| 7.0 | .142 | .097 | .066 | .122 | .084 | .058 | .084 | .059 | .041 | .049 | .035 | .024 | .016 | .011 | .008 | |
| 8.0 | .136 | .091 | .061 | .117 | .079 | .053 | .081 | .056 | .037 | .047 | .033 | .022 | .015 | .011 | .007 | |
| 9.0 | .131 | .086 | .056 | .113 | .075 | .049 | .078 | .053 | .035 | .046 | .031 | .021 | .015 | .010 | .007 | |
| 10.0 | .127 | .082 | .052 | .109 | .071 | .046 | .076 | .050 | .032 | .044 | .030 | .019 | .014 | .010 | .006 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
 PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

UGR(Unified Glare Rating) Table

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

| | | | | | | | | | | |
|--|-------------------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|
| 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 | 18.4 | 19.4 | 18.6 | 19.6 | 19.8 | 17.8 | 18.8 | 18.1 | 19.0 | 19.3 |
| 3H | 18.2 | 19.1 | 18.5 | 19.4 | 19.6 | 17.6 | 18.5 | 17.9 | 18.8 | 19.1 |
| 4H | 18.1 | 18.9 | 18.4 | 19.2 | 19.5 | 17.5 | 18.4 | 17.8 | 18.7 | 19.0 |
| 6H | 18.0 | 18.8 | 18.3 | 19.1 | 19.4 | 17.4 | 18.2 | 17.8 | 18.5 | 18.9 |
| 8H | 17.9 | 18.7 | 18.3 | 19.0 | 19.4 | 17.4 | 18.2 | 17.7 | 18.5 | 18.8 |
| 12H | 17.9 | 18.6 | 18.3 | 19.0 | 19.3 | 17.3 | 18.1 | 17.7 | 18.4 | 18.8 |
| 4H 2H | 18.1 | 19.0 | 18.4 | 19.2 | 19.5 | 17.5 | 18.4 | 17.9 | 18.7 | 19.0 |
| 3H | 17.9 | 18.6 | 18.3 | 19.0 | 19.3 | 17.3 | 18.1 | 17.7 | 18.4 | 18.8 |
| 4H | 17.8 | 18.5 | 18.2 | 18.8 | 19.2 | 17.2 | 17.9 | 17.6 | 18.3 | 18.6 |
| 6H | 17.7 | 18.3 | 18.1 | 18.7 | 19.1 | 17.1 | 17.7 | 17.6 | 18.1 | 18.5 |
| 8H | 17.6 | 18.2 | 18.1 | 18.6 | 19.0 | 17.1 | 17.6 | 17.5 | 18.1 | 18.5 |
| 12H | 17.6 | 18.1 | 18.1 | 18.5 | 19.0 | 17.1 | 17.6 | 17.5 | 18.0 | 18.5 |
| 8H 4H | 17.6 | 18.2 | 18.1 | 18.6 | 19.0 | 17.1 | 17.6 | 17.5 | 18.0 | 18.5 |
| 6H | 17.5 | 18.0 | 18.0 | 18.4 | 18.9 | 17.0 | 17.4 | 17.5 | 17.9 | 18.4 |
| 8H | 17.5 | 17.9 | 18.0 | 18.3 | 18.9 | 16.9 | 17.3 | 17.4 | 17.8 | 18.3 |
| 12H | 17.4 | 17.8 | 18.0 | 18.3 | 18.8 | 16.9 | 17.3 | 17.4 | 17.8 | 18.3 |
| 12H 4H | 17.6 | 18.1 | 18.0 | 18.5 | 19.0 | 17.0 | 17.5 | 17.5 | 18.0 | 18.4 |
| 6H | 17.5 | 17.9 | 18.0 | 18.3 | 18.9 | 16.9 | 17.3 | 17.4 | 17.8 | 18.3 |
| 8H | 17.4 | 17.8 | 17.9 | 18.3 | 18.8 | 16.9 | 17.2 | 17.4 | 17.7 | 18.3 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 3.2 / -11.2 | | | | | + 2.9 / - 9.8 | | | | |
| 1.5H | + 5.1 / - 8.2 | | | | | + 4.9 / - 7.1 | | | | |
| 2.0H | + 7.1 / -12.3 | | | | | + 6.1 / - 9.9 | | | | |

CIE Pub.117, 4139 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 4.9$)
Area: 0.035 m²

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光
PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050
(1050mA)

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

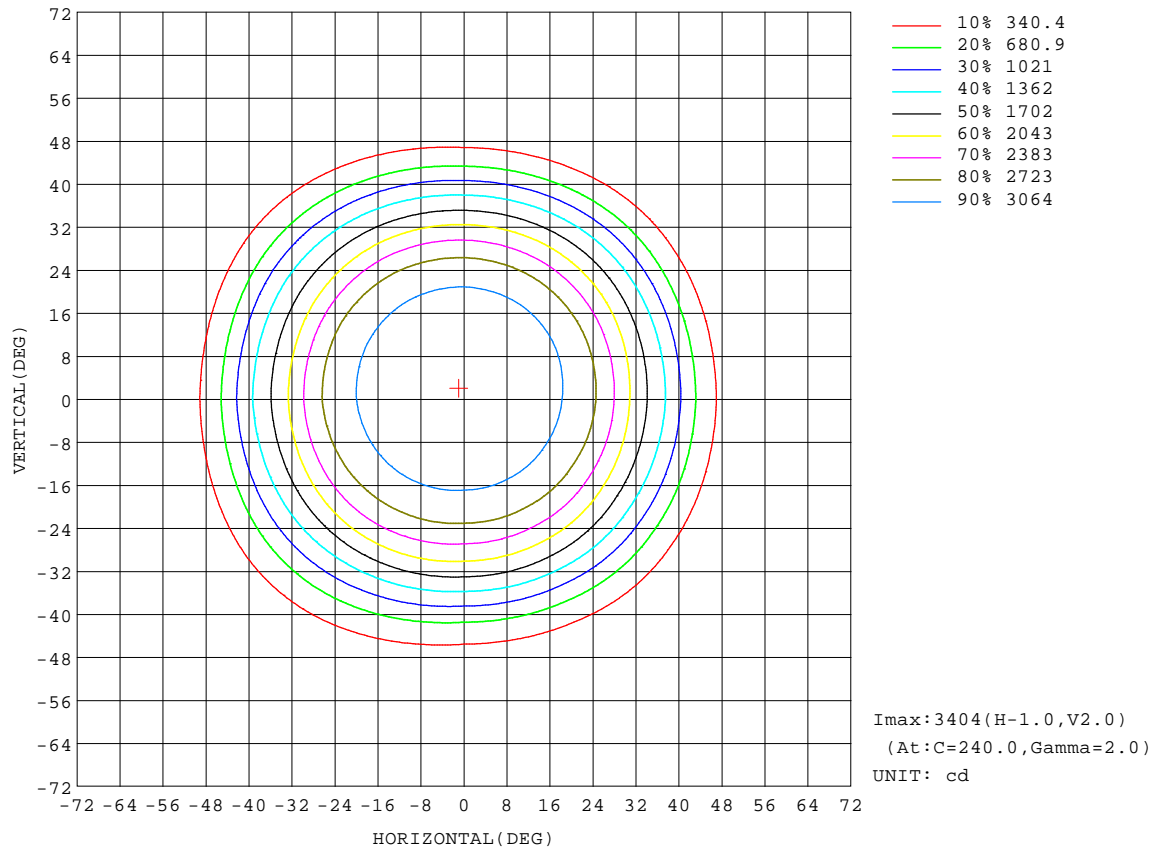
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 81 | 74 | 70 | 81 | 74 | 70 | 80 | 73 | 69 | 65 |
| 0.80 | 90 | 83 | 78 | 89 | 82 | 78 | 87 | 81 | 78 | 73 |
| 1.00 | 95 | 89 | 84 | 94 | 88 | 84 | 92 | 88 | 83 | 79 |
| 1.25 | 100 | 94 | 90 | 98 | 93 | 89 | 96 | 91 | 88 | 83 |
| 1.50 | 103 | 97 | 94 | 101 | 96 | 93 | 99 | 95 | 91 | 86 |
| 2.00 | 106 | 101 | 98 | 104 | 100 | 97 | 101 | 98 | 95 | 89 |
| 2.50 | 108 | 104 | 100 | 106 | 102 | 99 | 102 | 99 | 97 | 90 |
| 3.00 | 110 | 106 | 103 | 108 | 104 | 102 | 104 | 101 | 99 | 91 |
| 4.00 | 112 | 109 | 106 | 110 | 107 | 105 | 105 | 103 | 101 | 93 |
| 5.00 | 113 | 111 | 108 | 111 | 108 | 107 | 106 | 104 | 103 | 94 |
| 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:2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光
PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050
(1050mA)

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |



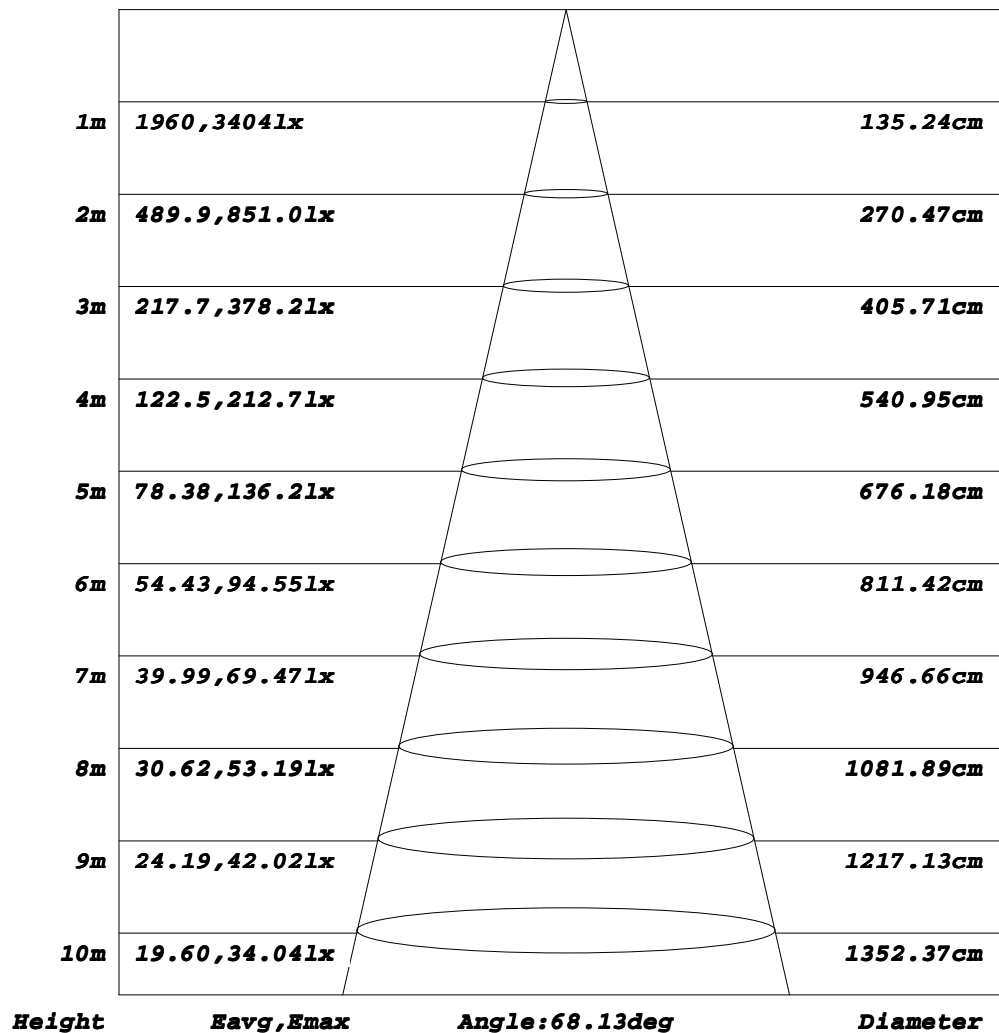
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2023-09-27

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: LED:HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB:LS-M-10S9P-V1.0, 电源: SC42W300-1050
(1050mA)

AAI Figure

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

Flux out:3018 lm



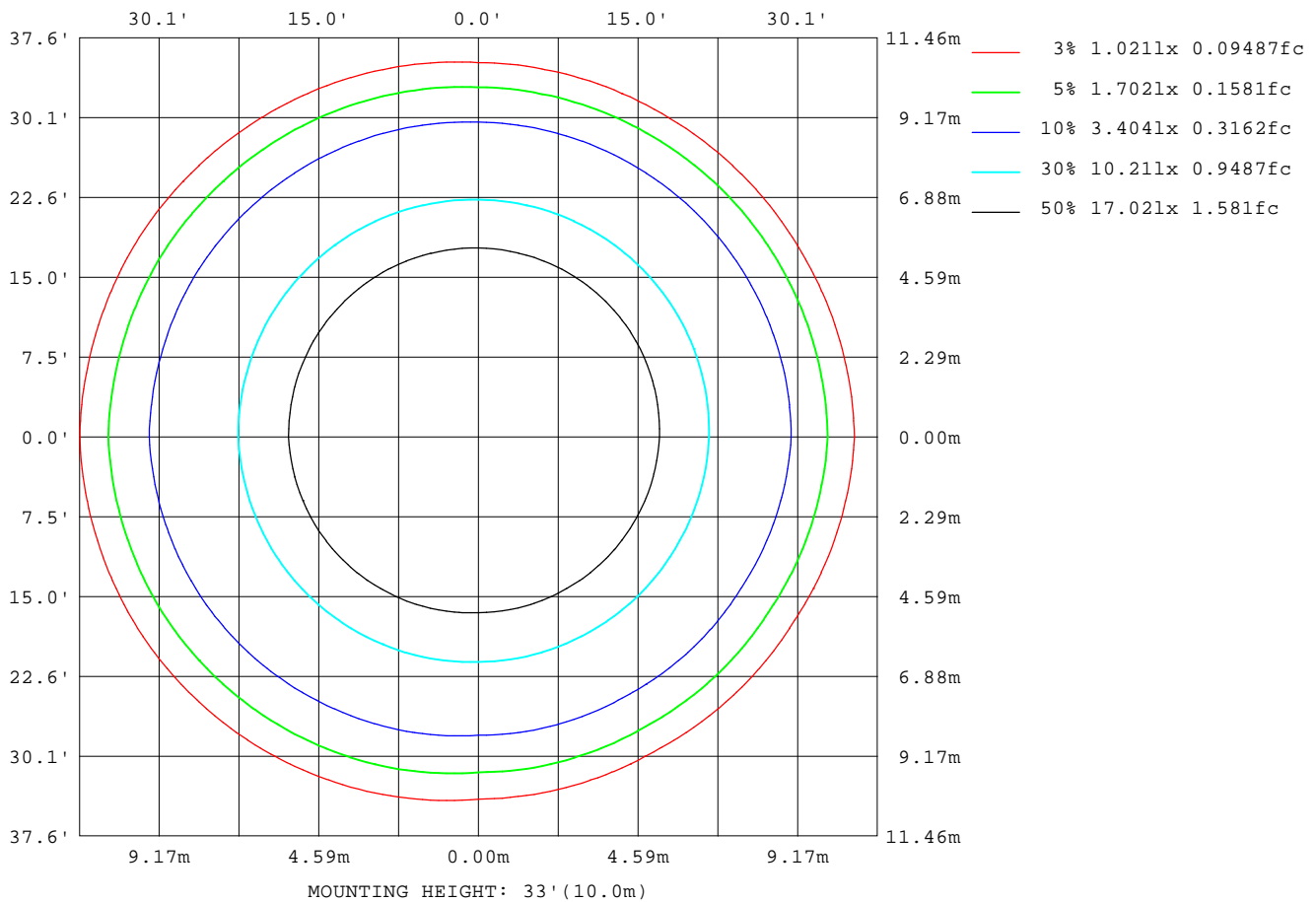
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED: HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

ISOLUX DIAGRAM

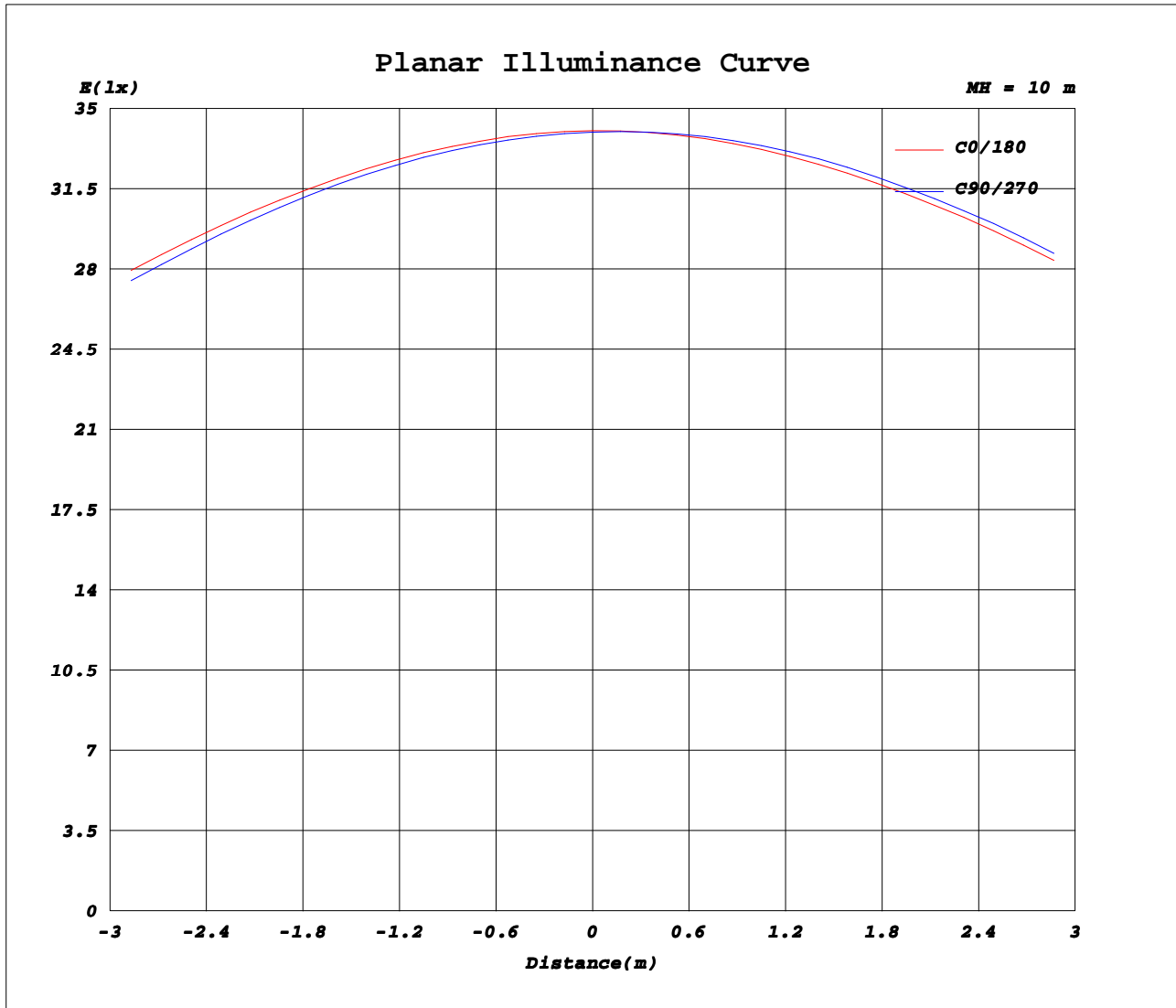
| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED: HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

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: LED: HL-A-2835D68W-2-S1-08L-HR3(0.2W超高光)
PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050 (1050mA)

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|--|
| Test:U:220.80V I:0.1640A P:33.800W PF:0.9350 Freq:50.00Hz Lamp Flux:4139.09x1 lm | | |
| Name: LS-M 1200 32W CCT(5000K) | Type: 长条形 | |
| MFR.: | DIM.: 1205*36*92mm | |
| | SUR.: 1192*30mm | |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|
| 0 | 3404 | 3400 | 3398 | 3397 | 3399 | 3402 | 3404 | 3402 | 3399 | 3397 | 3398 | 3400 | | | | | | |
| 5 | 3373 | 3362 | 3356 | 3356 | 3363 | 3374 | 3386 | 3393 | 3398 | 3399 | 3395 | 3386 | | | | | | |
| 10 | 3298 | 3278 | 3268 | 3268 | 3283 | 3303 | 3325 | 3340 | 3350 | 3352 | 3343 | 3325 | | | | | | |
| 15 | 3177 | 3145 | 3129 | 3129 | 3154 | 3188 | 3223 | 3244 | 3256 | 3257 | 3243 | 3217 | | | | | | |
| 20 | 2994 | 2944 | 2919 | 2919 | 2959 | 3011 | 3064 | 3090 | 3103 | 3102 | 3082 | 3046 | | | | | | |
| 25 | 2688 | 2602 | 2560 | 2560 | 2636 | 2731 | 2821 | 2844 | 2842 | 2821 | 2791 | 2747 | | | | | | |
| 30 | 2140 | 2070 | 2042 | 2058 | 2152 | 2262 | 2362 | 2382 | 2371 | 2336 | 2289 | 2224 | | | | | | |
| 35 | 1614 | 1508 | 1457 | 1460 | 1561 | 1683 | 1792 | 1793 | 1762 | 1715 | 1684 | 1650 | | | | | | |
| 40 | 1067 | 918 | 844 | 844 | 983 | 1147 | 1290 | 1260 | 1189 | 1105 | 1076 | 1063 | | | | | | |
| 45 | 490 | 403 | 366 | 376 | 483 | 603 | 700 | 653 | 575 | 492 | 468 | 468 | | | | | | |
| 50 | 182 | 160 | 153 | 163 | 206 | 251 | 285 | 259 | 220 | 181 | 169 | 170 | | | | | | |
| 55 | 80.5 | 81.6 | 84.0 | 87.8 | 95.2 | 102 | 107 | 105 | 100 | 94.5 | 89.9 | 85.3 | | | | | | |
| 60 | 31.1 | 29.4 | 30.0 | 32.8 | 41.0 | 49.3 | 55.3 | 51.3 | 44.8 | 37.6 | 34.2 | 32.0 | | | | | | |
| 65 | 4.75 | 5.47 | 6.34 | 7.35 | 8.70 | 10.0 | 11.2 | 12.1 | 12.5 | 12.2 | 10.6 | 8.15 | | | | | | |
| 70 | 3.37 | 4.09 | 4.76 | 5.38 | 5.89 | 6.38 | 6.90 | 7.96 | 8.78 | 9.04 | 8.02 | 6.13 | | | | | | |
| 75 | 2.77 | 3.52 | 4.17 | 4.72 | 5.07 | 5.40 | 5.76 | 6.73 | 7.52 | 7.81 | 6.92 | 5.24 | | | | | | |
| 80 | 2.75 | 3.43 | 4.03 | 4.54 | 4.90 | 5.23 | 5.58 | 6.42 | 7.08 | 7.30 | 6.48 | 4.96 | | | | | | |
| 85 | 3.06 | 3.67 | 4.24 | 4.75 | 5.19 | 5.59 | 5.99 | 6.71 | 7.22 | 7.33 | 6.53 | 5.10 | | | | | | |
| 90 | 3.72 | 3.81 | 4.05 | 4.46 | 5.15 | 5.90 | 6.62 | 7.28 | 7.67 | 7.64 | 6.89 | 5.58 | | | | | | |
| 95 | 4.84 | 4.77 | 4.91 | 5.27 | 6.06 | 6.91 | 7.67 | 8.02 | 8.08 | 7.83 | 7.19 | 6.19 | | | | | | |
| 100 | 6.34 | 6.29 | 6.44 | 6.80 | 7.58 | 8.41 | 9.13 | 9.39 | 9.37 | 9.07 | 8.46 | 7.55 | | | | | | |
| 105 | 8.29 | 8.25 | 8.40 | 8.73 | 9.45 | 10.2 | 10.8 | 11.0 | 10.9 | 10.6 | 10.1 | 9.30 | | | | | | |
| 110 | 10.7 | 10.7 | 10.8 | 11.0 | 11.7 | 12.3 | 12.9 | 12.9 | 12.8 | 12.5 | 12.0 | 11.5 | | | | | | |
| 115 | 13.8 | 13.6 | 13.7 | 13.8 | 14.4 | 14.9 | 15.4 | 15.3 | 15.1 | 14.7 | 14.4 | 14.1 | | | | | | |
| 120 | 17.4 | 17.1 | 17.0 | 17.1 | 17.5 | 17.9 | 18.3 | 18.0 | 17.7 | 17.4 | 17.3 | 17.3 | | | | | | |
| 125 | 21.7 | 21.1 | 20.8 | 20.7 | 21.0 | 21.4 | 21.7 | 21.3 | 20.8 | 20.5 | 20.6 | 21.0 | | | | | | |
| 130 | 26.5 | 25.6 | 24.9 | 24.6 | 24.9 | 25.2 | 25.5 | 24.9 | 24.3 | 23.9 | 24.3 | 25.2 | | | | | | |
| 135 | 31.3 | 30.0 | 29.1 | 28.7 | 28.9 | 29.2 | 29.5 | 28.8 | 28.0 | 27.6 | 28.2 | 29.4 | | | | | | |
| 140 | 35.7 | 34.3 | 33.4 | 32.9 | 33.0 | 33.4 | 33.6 | 32.8 | 32.0 | 31.5 | 32.2 | 33.6 | | | | | | |
| 145 | 39.7 | 38.5 | 37.6 | 37.1 | 37.0 | 37.2 | 37.2 | 36.5 | 35.9 | 35.6 | 36.3 | 37.7 | | | | | | |
| 150 | 43.1 | 42.5 | 41.9 | 41.4 | 40.9 | 40.5 | 40.2 | 39.8 | 39.6 | 39.7 | 40.4 | 41.5 | | | | | | |
| 155 | 46.1 | 46.2 | 46.0 | 45.6 | 44.5 | 43.5 | 42.6 | 42.7 | 43.1 | 43.8 | 44.5 | 45.2 | | | | | | |
| 160 | 49.3 | 49.9 | 49.9 | 49.5 | 47.9 | 46.3 | 45.1 | 45.6 | 46.5 | 47.7 | 48.3 | 48.9 | | | | | | |
| 165 | 52.6 | 53.3 | 53.4 | 52.9 | 51.3 | 49.5 | 48.2 | 48.8 | 49.9 | 51.2 | 51.8 | 52.3 | | | | | | |
| 170 | 55.8 | 56.1 | 56.1 | 55.6 | 54.4 | 53.1 | 52.1 | 52.4 | 53.2 | 54.2 | 54.7 | 55.3 | | | | | | |
| 175 | 57.7 | 57.8 | 57.7 | 57.5 | 56.7 | 56.0 | 55.4 | 55.6 | 55.9 | 56.4 | 56.8 | 57.2 | | | | | | |
| 180 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 57.9 | 57.8 | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2023-09-27

γ Range: 0 - 180DEG
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Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.443
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PCB: LS-M-10S9P-V1.0, 电源: SC42W300-1050
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