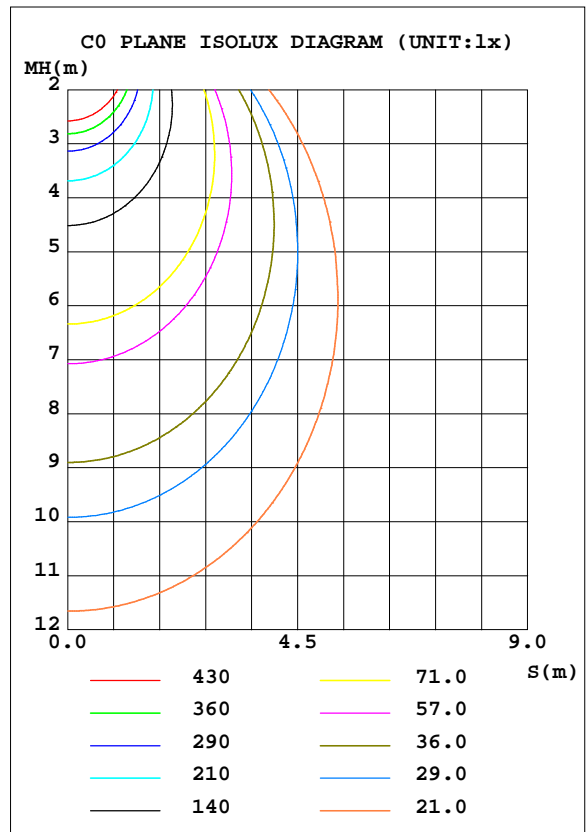
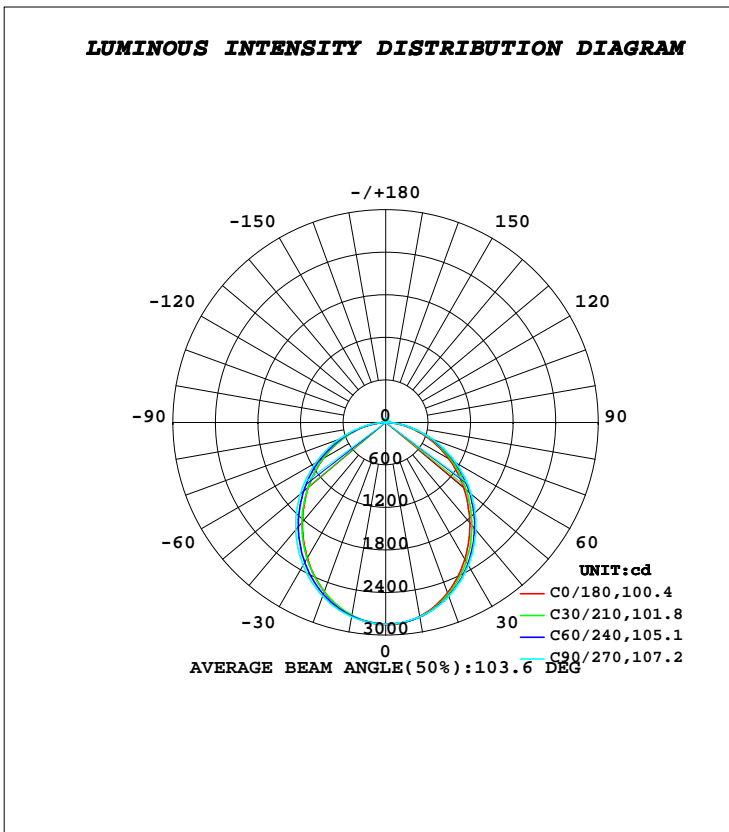


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 128.63 lm/W | | | |
|------------------|---------|-----------------------------------|--------|--------------------|-----------|
| MODEL | | I _{max} (cd) | 2852 | S/MH(C0/180) | 1.17 |
| NOMINAL POWER(W) | 60 | LOR(%) | 100.0 | S/MH(C90/270) | 1.22 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 7602.1 | η UP, DN(C0-180) | 1.3, 48.7 |
| NOMINAL FLUX(lm) | 7602.06 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 1.3, 48.6 |
| LAMPS INSIDE | 1 | η up(%) | 2.6 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 220 | η down(%) | 97.4 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-26

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

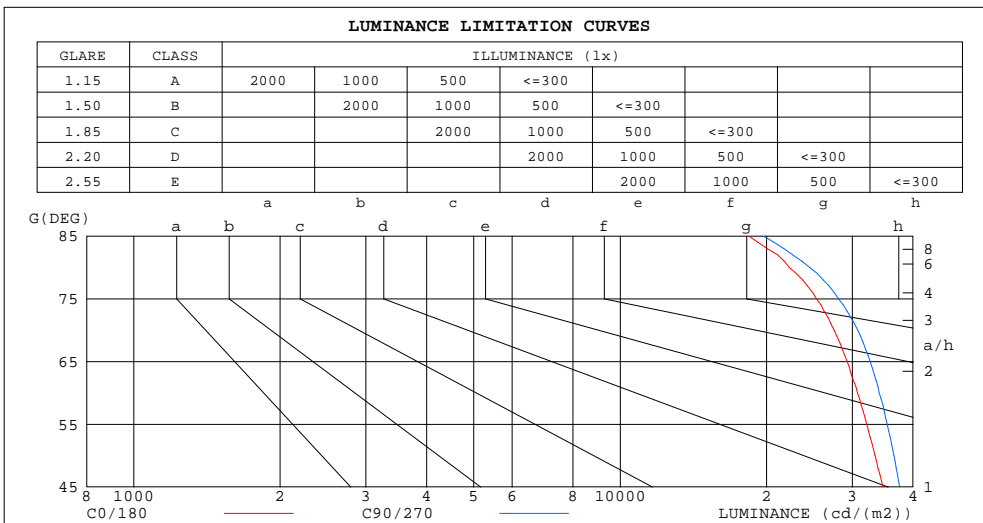
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 2777 | 2783 | 2782 | 2766 | 2767 | 2766 | 2782 | 2783 | 0- 10 | 268.3 | 268.3 | 3.53,3.53 |
| 20 | 2557 | 2590 | 2606 | 2559 | 2538 | 2559 | 2606 | 2590 | 10- 20 | 758.2 | 1026 | 13.5,13.5 |
| 30 | 2231 | 2290 | 2330 | 2252 | 2209 | 2252 | 2330 | 2290 | 20- 30 | 1121 | 2147 | 28.2,28.2 |
| 40 | 1846 | 1921 | 1977 | 1879 | 1825 | 1879 | 1977 | 1921 | 30- 40 | 1309 | 3456 | 45.5,45.5 |
| 50 | 1440 | 1517 | 1574 | 1476 | 1428 | 1476 | 1574 | 1517 | 40- 50 | 1313 | 4770 | 62.7,62.7 |
| 60 | 1031 | 1096 | 1143 | 1056 | 1016 | 1056 | 1143 | 1096 | 50- 60 | 1152 | 5922 | 77.9,77.9 |
| 70 | 631.1 | 678.5 | 705.8 | 641.7 | 619.9 | 641.7 | 705.8 | 678.5 | 60- 70 | 860.5 | 6783 | 89.2,89.2 |
| 80 | 259.3 | 284.7 | 285.6 | 255.5 | 257.5 | 255.5 | 285.6 | 284.7 | 70- 80 | 486.9 | 7269 | 95.6,95.6 |
| 90 | 17.65 | 25.07 | 23.53 | 20.85 | 21.69 | 20.85 | 23.53 | 25.07 | 80- 90 | 133.5 | 7403 | 97.4,97.4 |
| 100 | 17.16 | 19.96 | 20.89 | 20.41 | 21.78 | 20.41 | 20.89 | 19.96 | 90-100 | 20.58 | 7424 | 97.7,97.7 |
| 110 | 21.94 | 24.36 | 25.66 | 25.11 | 26.37 | 25.11 | 25.66 | 24.36 | 100-110 | 23.72 | 7447 | 98,98 |
| 120 | 27.48 | 29.17 | 30.49 | 30.43 | 31.62 | 30.43 | 30.49 | 29.17 | 110-120 | 27.06 | 7474 | 98.3,98.3 |
| 130 | 33.35 | 34.19 | 35.46 | 36.04 | 36.97 | 36.04 | 35.46 | 34.19 | 120-130 | 29.11 | 7503 | 98.7,98.7 |
| 140 | 38.86 | 39.34 | 40.84 | 41.45 | 42.01 | 41.45 | 40.84 | 39.34 | 130-140 | 29.23 | 7533 | 99.1,99.1 |
| 150 | 44.22 | 44.52 | 46.33 | 46.59 | 46.43 | 46.59 | 46.33 | 44.52 | 140-150 | 26.99 | 7560 | 99.4,99.4 |
| 160 | 49.71 | 49.64 | 51.42 | 51.24 | 50.73 | 51.24 | 51.42 | 49.64 | 150-160 | 22.22 | 7582 | 99.7,99.7 |
| 170 | 54.69 | 53.93 | 55.28 | 54.87 | 54.49 | 54.87 | 55.28 | 53.93 | 160-170 | 14.88 | 7597 | 99.9,99.9 |
| 180 | 55.59 | 55.65 | 56.48 | 55.65 | 55.61 | 55.65 | 56.48 | 55.65 | 170-180 | 5.276 | 7602 | 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:2022-04-26

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:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 18412 | 19729 |
| 80 | 22288 | 24547 |
| 75 | 25330 | 28135 |
| 70 | 27539 | 30799 |
| 65 | 29288 | 32675 |
| 60 | 30771 | 34114 |
| 55 | 32145 | 35404 |
| 50 | 33442 | 36541 |
| 45 | 34643 | 37559 |

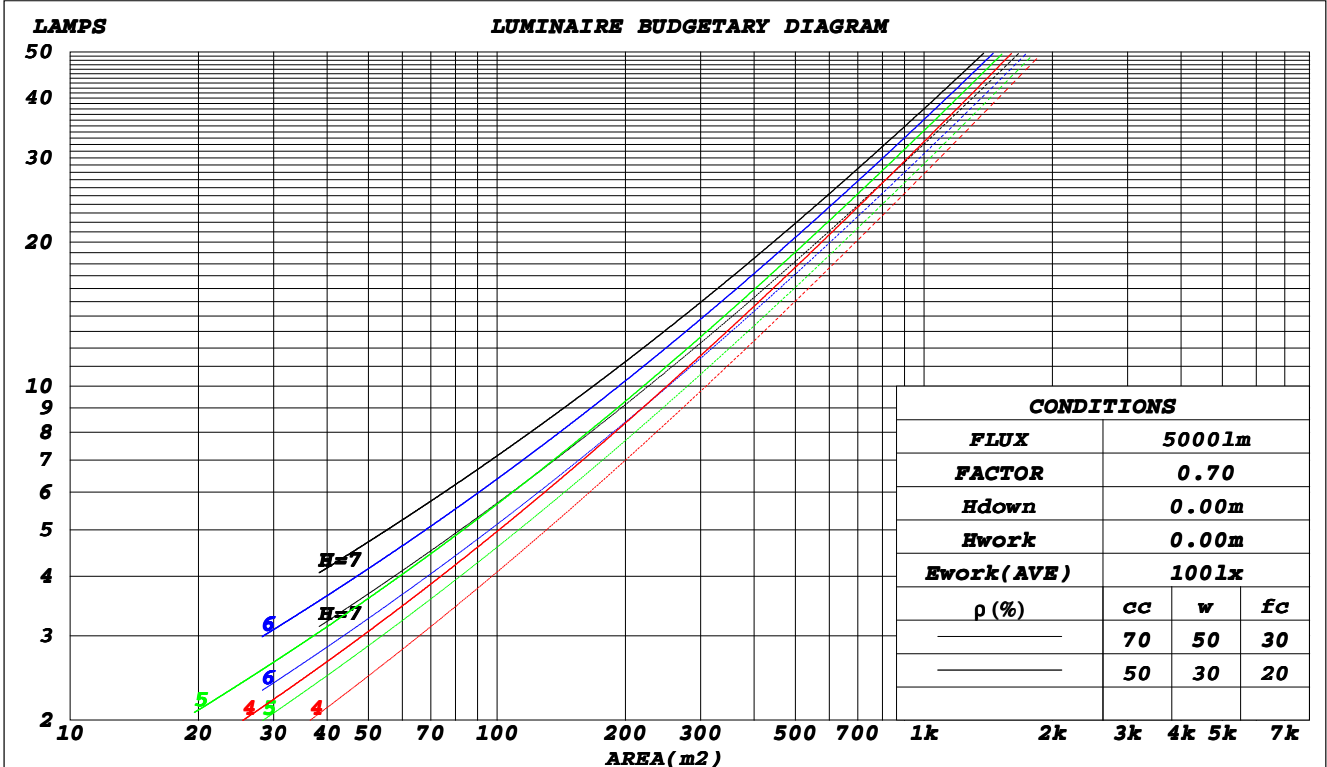
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-26

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

| 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 | 1.10 | 1.10 | 1.10 | 1.04 | 1.04 | 1.04 | .00 | .00 | .00 | .97 |
| 1.0 | 1.04 | .99 | .96 | 1.01 | .97 | .94 | .96 | .93 | .90 | .92 | .90 | .87 | .88 | .86 | .84 | .82 |
| 2.0 | .91 | .84 | .78 | .88 | .82 | .77 | .84 | .79 | .75 | .81 | .77 | .73 | .77 | .74 | .71 | .69 |
| 3.0 | .80 | .72 | .65 | .78 | .71 | .65 | .75 | .68 | .63 | .72 | .66 | .62 | .69 | .64 | .60 | .58 |
| 4.0 | .71 | .62 | .55 | .69 | .61 | .55 | .66 | .59 | .54 | .64 | .58 | .53 | .61 | .56 | .52 | .50 |
| 5.0 | .63 | .54 | .48 | .62 | .54 | .48 | .60 | .52 | .47 | .57 | .51 | .46 | .55 | .50 | .45 | .43 |
| 6.0 | .57 | .48 | .42 | .56 | .48 | .42 | .54 | .47 | .41 | .52 | .46 | .41 | .50 | .44 | .40 | .38 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .49 | .42 | .36 | .47 | .41 | .36 | .46 | .40 | .36 | .34 |
| 8.0 | .47 | .39 | .33 | .47 | .39 | .33 | .45 | .38 | .33 | .44 | .37 | .32 | .42 | .36 | .32 | .30 |
| 9.0 | .44 | .35 | .30 | .43 | .35 | .30 | .41 | .34 | .29 | .40 | .34 | .29 | .39 | .33 | .29 | .27 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .38 | .32 | .27 | .37 | .31 | .27 | .36 | .30 | .26 | .25 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2022-04-26

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:

WEC AND CCEC

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

| 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 | .302 | .172 | .054 | .294 | .168 | .053 | .279 | .160 | .051 | .266 | .153 | .049 | .253 | .147 | .047 | |
| 2.0 | .284 | .156 | .048 | .278 | .153 | .047 | .265 | .147 | .046 | .253 | .142 | .044 | .241 | .137 | .043 | |
| 3.0 | .264 | .140 | .042 | .258 | .138 | .042 | .246 | .133 | .041 | .235 | .129 | .040 | .225 | .125 | .039 | |
| 4.0 | .244 | .127 | .037 | .238 | .125 | .037 | .228 | .121 | .036 | .218 | .117 | .035 | .209 | .114 | .035 | |
| 5.0 | .226 | .115 | .033 | .221 | .113 | .033 | .212 | .110 | .032 | .203 | .107 | .032 | .195 | .104 | .031 | |
| 6.0 | .209 | .105 | .030 | .205 | .104 | .030 | .197 | .101 | .029 | .189 | .098 | .029 | .182 | .096 | .028 | |
| 7.0 | .195 | .097 | .027 | .191 | .095 | .027 | .184 | .093 | .027 | .177 | .091 | .026 | .170 | .089 | .026 | |
| 8.0 | .182 | .089 | .025 | .179 | .088 | .025 | .172 | .086 | .025 | .166 | .084 | .024 | .160 | .082 | .024 | |
| 9.0 | .171 | .083 | .023 | .168 | .082 | .023 | .162 | .080 | .023 | .156 | .078 | .022 | .151 | .077 | .022 | |
| 10.0 | .161 | .077 | .021 | .158 | .076 | .021 | .153 | .075 | .021 | .148 | .073 | .021 | .143 | .072 | .021 | |

| 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 | .210 | .210 | .210 | .180 | .180 | .180 | .123 | .123 | .123 | .071 | .071 | .071 | .023 | .023 | .023 | |
| 1.0 | .200 | .176 | .155 | .171 | .151 | .133 | .117 | .104 | .092 | .067 | .060 | .054 | .022 | .019 | .017 | |
| 2.0 | .192 | .152 | .119 | .164 | .131 | .103 | .112 | .091 | .072 | .065 | .053 | .042 | .021 | .017 | .014 | |
| 3.0 | .184 | .135 | .096 | .157 | .116 | .083 | .108 | .081 | .058 | .062 | .047 | .034 | .020 | .015 | .011 | |
| 4.0 | .176 | .121 | .080 | .151 | .105 | .069 | .104 | .073 | .049 | .060 | .043 | .029 | .019 | .014 | .009 | |
| 5.0 | .169 | .111 | .068 | .145 | .096 | .059 | .100 | .067 | .042 | .058 | .039 | .025 | .019 | .013 | .008 | |
| 6.0 | .161 | .103 | .060 | .139 | .089 | .053 | .096 | .062 | .037 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 7.0 | .155 | .096 | .054 | .133 | .083 | .047 | .092 | .058 | .034 | .053 | .034 | .020 | .017 | .011 | .007 | |
| 8.0 | .148 | .090 | .050 | .128 | .078 | .043 | .088 | .055 | .031 | .051 | .032 | .018 | .017 | .011 | .006 | |
| 9.0 | .142 | .085 | .046 | .123 | .074 | .040 | .085 | .052 | .029 | .049 | .031 | .017 | .016 | .010 | .006 | |
| 10.0 | .137 | .081 | .043 | .118 | .070 | .038 | .082 | .049 | .027 | .048 | .029 | .016 | .015 | .010 | .005 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-26

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:

UGR(Unified Glare Rating) Table

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

| 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 | 24.7 | 26.1 | 25.0 | 26.4 | 26.6 | 25.1 | 26.6 | 25.4 | 26.8 | 27.1 |
| 3H | 26.1 | 27.4 | 26.4 | 27.7 | 28.0 | 26.6 | 27.9 | 26.9 | 28.2 | 28.5 |
| 4H | 26.7 | 27.9 | 27.0 | 28.2 | 28.5 | 27.2 | 28.4 | 27.5 | 28.7 | 29.0 |
| 6H | 27.0 | 28.2 | 27.4 | 28.6 | 28.9 | 27.6 | 28.8 | 27.9 | 29.1 | 29.4 |
| 8H | 27.2 | 28.3 | 27.5 | 28.6 | 29.0 | 27.7 | 28.8 | 28.1 | 29.2 | 29.5 |
| 12H | 27.2 | 28.3 | 27.6 | 28.7 | 29.0 | 27.7 | 28.8 | 28.1 | 29.2 | 29.5 |
| 4H 2H | 25.3 | 26.6 | 25.7 | 26.9 | 27.2 | 25.6 | 26.9 | 26.0 | 27.2 | 27.5 |
| 3H | 26.9 | 28.0 | 27.3 | 28.4 | 28.7 | 27.3 | 28.4 | 27.7 | 28.8 | 29.1 |
| 4H | 27.6 | 28.6 | 28.0 | 29.0 | 29.4 | 28.0 | 29.0 | 28.4 | 29.4 | 29.8 |
| 6H | 28.1 | 29.0 | 28.6 | 29.4 | 29.8 | 28.5 | 29.4 | 29.0 | 29.8 | 30.3 |
| 8H | 28.3 | 29.1 | 28.7 | 29.5 | 30.0 | 28.7 | 29.5 | 29.2 | 30.0 | 30.4 |
| 12H | 28.4 | 29.2 | 28.8 | 29.6 | 30.0 | 28.8 | 29.6 | 29.3 | 30.0 | 30.5 |
| 8H 4H | 27.9 | 28.7 | 28.3 | 29.1 | 29.6 | 28.3 | 29.1 | 28.7 | 29.5 | 29.9 |
| 6H | 28.5 | 29.2 | 29.0 | 29.7 | 30.2 | 28.9 | 29.6 | 29.4 | 30.1 | 30.6 |
| 8H | 28.8 | 29.4 | 29.3 | 29.9 | 30.4 | 29.2 | 29.8 | 29.7 | 30.3 | 30.8 |
| 12H | 29.0 | 29.5 | 29.5 | 30.0 | 30.5 | 29.3 | 29.9 | 29.9 | 30.4 | 30.9 |
| 12H 4H | 27.9 | 28.7 | 28.4 | 29.1 | 29.6 | 28.3 | 29.0 | 28.7 | 29.5 | 29.9 |
| 6H | 28.6 | 29.2 | 29.1 | 29.7 | 30.2 | 29.0 | 29.6 | 29.5 | 30.1 | 30.6 |
| 8H | 28.9 | 29.4 | 29.4 | 29.9 | 30.5 | 29.3 | 29.8 | 29.8 | 30.3 | 30.8 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 7602 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 7.0)
 Area: 0.067 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-26

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:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

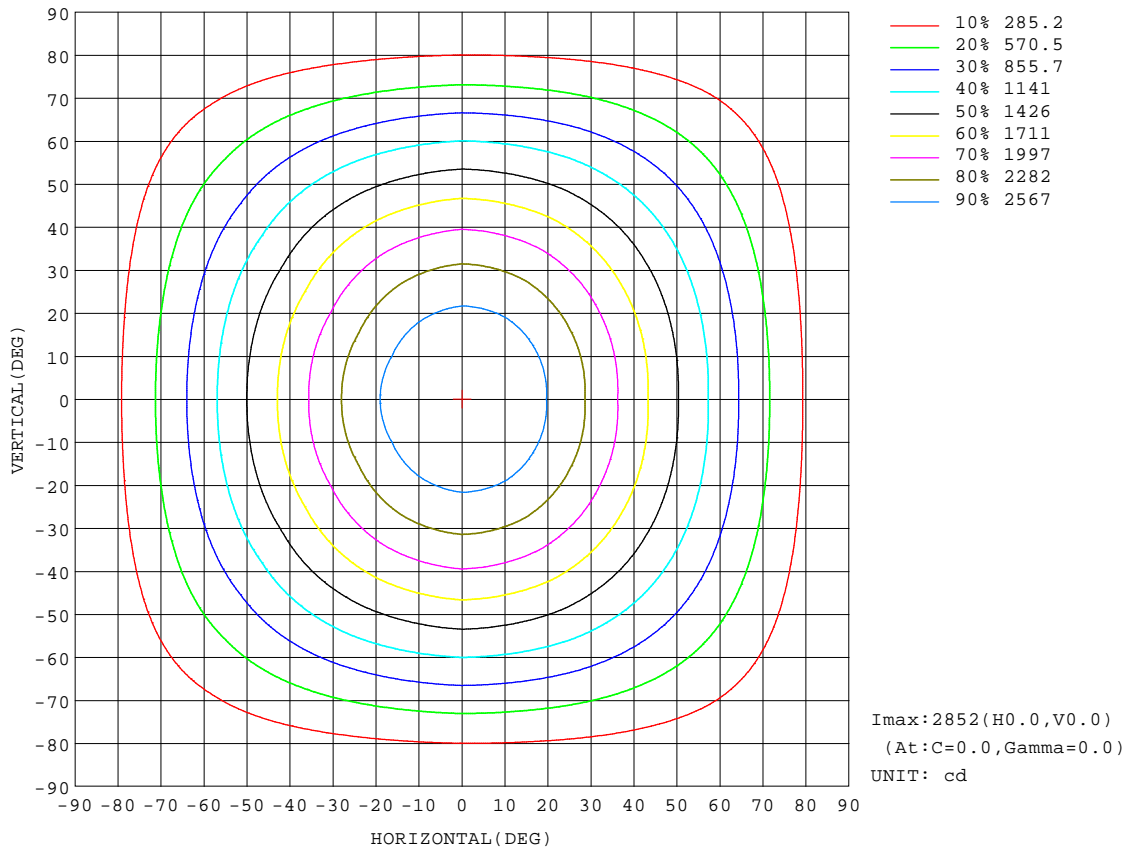
| REFLECTANCE | | | | | | | | | | |
|---|---|-----|------------------|-----|-----|-----|-----|---------------------|-----|---------------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 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 | 58 | 47 | 40 | 57 | 46 | 40 | 56 | 46 | 39 | 33 |
| 0.80 | 68 | 56 | 49 | 67 | 56 | 49 | 65 | 55 | 49 | 42 |
| 1.00 | 76 | 65 | 58 | 75 | 65 | 58 | 72 | 66 | 57 | 50 |
| 1.25 | 83 | 73 | 66 | 82 | 72 | 65 | 79 | 70 | 64 | 57 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 71 | 83 | 75 | 70 | 62 |
| 2.00 | 95 | 86 | 80 | 93 | 85 | 79 | 89 | 82 | 77 | 69 |
| 2.50 | 99 | 91 | 85 | 96 | 89 | 84 | 92 | 86 | 82 | 73 |
| 3.00 | 102 | 95 | 90 | 100 | 93 | 88 | 95 | 90 | 86 | 77 |
| 4.00 | 106 | 100 | 96 | 103 | 98 | 94 | 99 | 94 | 91 | 81 |
| 5.00 | 108 | 103 | 99 | 106 | 101 | 98 | 101 | 97 | 94 | 84 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-26

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:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |



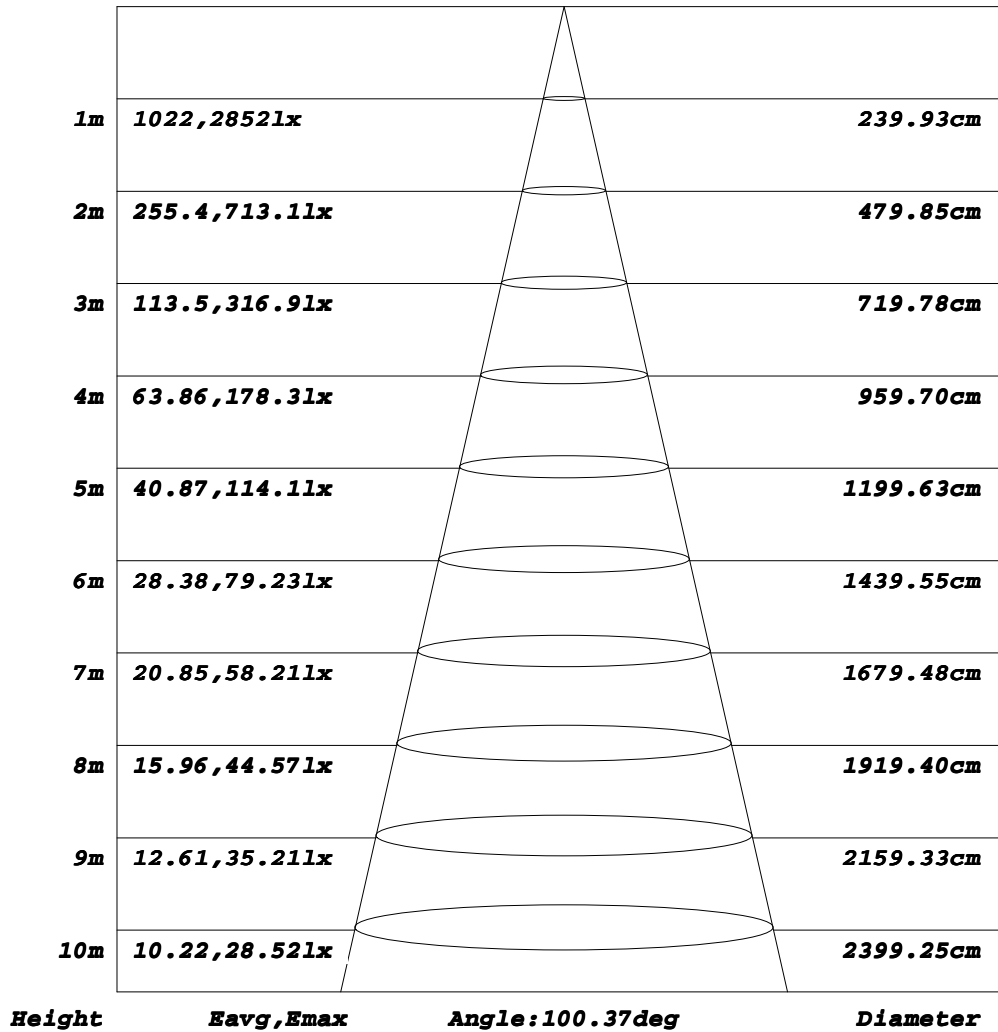
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-26

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:

AAI Figure

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

Flux out:4895 lm



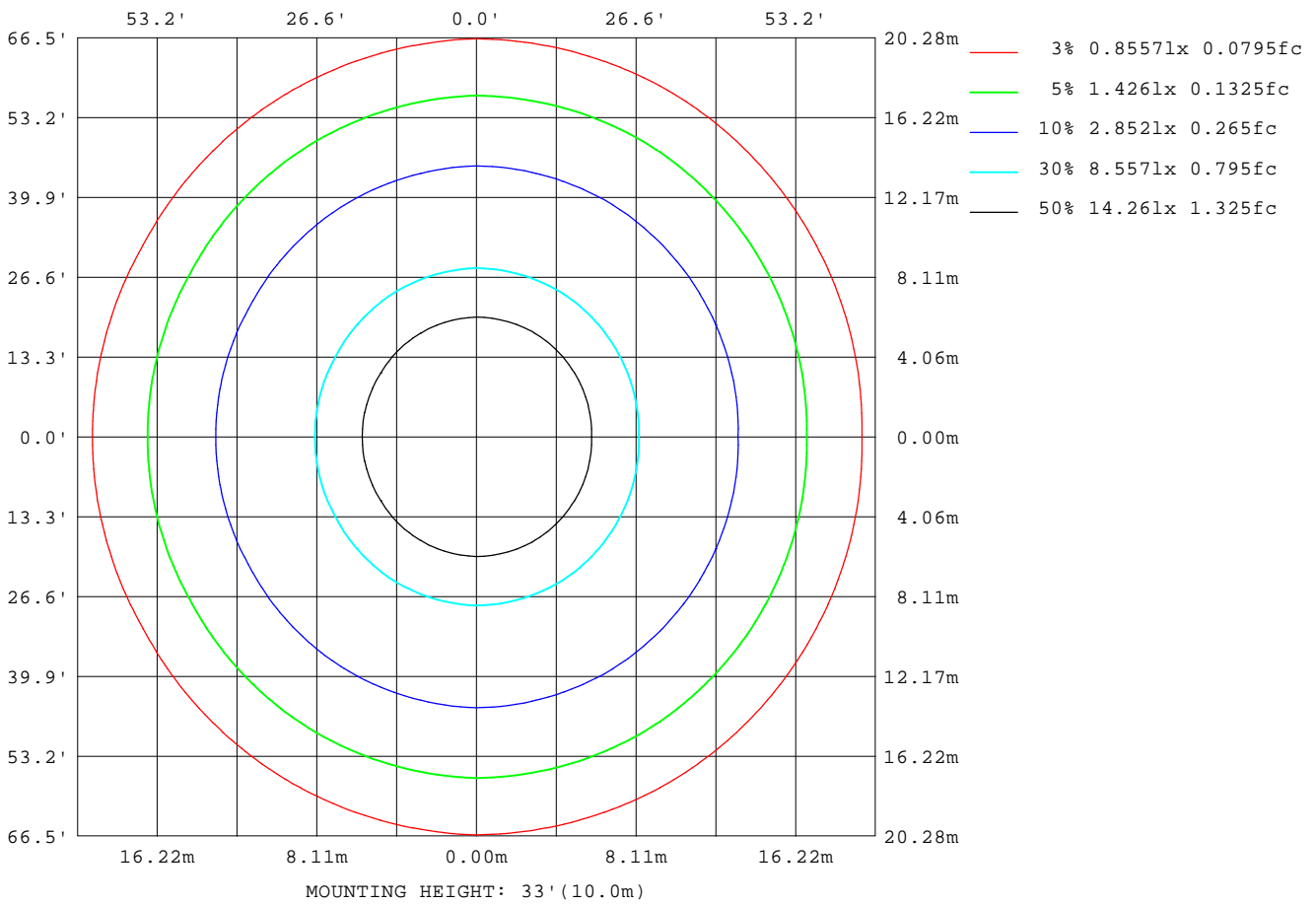
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-26

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:

ISOLUX DIAGRAM

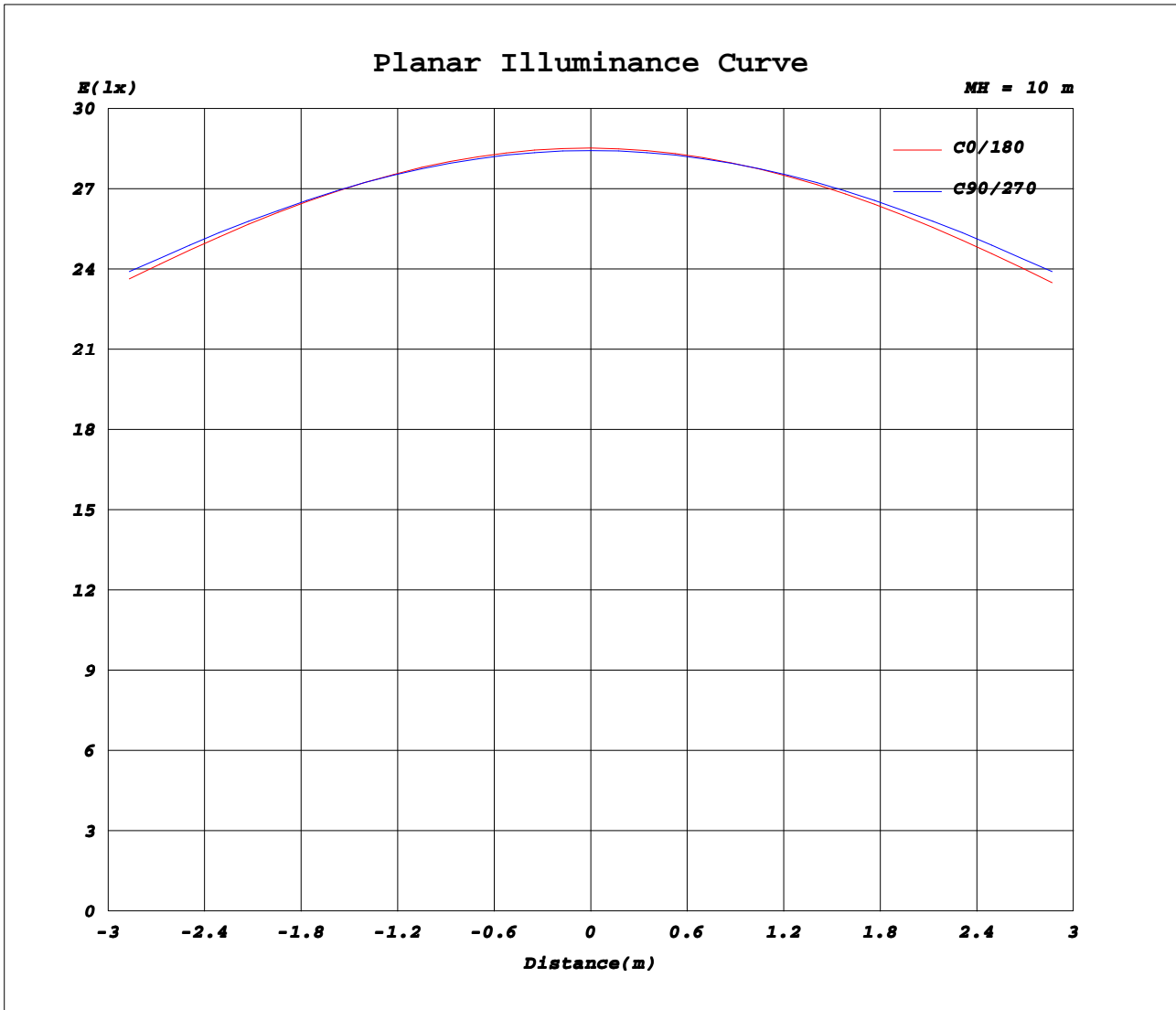
| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-26

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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-04-26

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|--|
| Test:U:220.70V I:0.2650A P:59.100W PF:0.9680 Freq:50.00Hz | | |
| Lamp Flux:7602.06x1 lm | | |
| Name: NS50-1500MM-60W | Type: LED | |
| MFR.: | DIM.: 1500*50*75mm | |
| | SUR.: 1495*45mm | |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 2852 | 2846 | 2844 | 2843 | 2844 | 2846 | 2852 | 2846 | 2844 | 2843 | 2844 | 2846 | | | | | | | |
| 5 | 2834 | 2833 | 2831 | 2828 | 2824 | 2821 | 2829 | 2821 | 2824 | 2828 | 2831 | 2833 | | | | | | | |
| 10 | 2777 | 2781 | 2785 | 2782 | 2772 | 2759 | 2767 | 2759 | 2772 | 2782 | 2785 | 2781 | | | | | | | |
| 15 | 2683 | 2696 | 2708 | 2708 | 2689 | 2665 | 2669 | 2665 | 2689 | 2708 | 2708 | 2696 | | | | | | | |
| 20 | 2557 | 2577 | 2602 | 2606 | 2578 | 2540 | 2538 | 2540 | 2578 | 2606 | 2602 | 2577 | | | | | | | |
| 25 | 2404 | 2433 | 2469 | 2479 | 2441 | 2390 | 2383 | 2390 | 2441 | 2479 | 2469 | 2433 | | | | | | | |
| 30 | 2231 | 2267 | 2313 | 2330 | 2284 | 2220 | 2209 | 2220 | 2284 | 2330 | 2313 | 2267 | | | | | | | |
| 35 | 2042 | 2085 | 2139 | 2162 | 2108 | 2036 | 2022 | 2036 | 2108 | 2162 | 2139 | 2085 | | | | | | | |
| 40 | 1846 | 1891 | 1951 | 1977 | 1917 | 1841 | 1825 | 1841 | 1917 | 1977 | 1951 | 1891 | | | | | | | |
| 45 | 1641 | 1689 | 1752 | 1779 | 1718 | 1639 | 1627 | 1639 | 1718 | 1779 | 1752 | 1689 | | | | | | | |
| 50 | 1440 | 1484 | 1550 | 1574 | 1516 | 1435 | 1428 | 1435 | 1516 | 1574 | 1550 | 1484 | | | | | | | |
| 55 | 1235 | 1278 | 1335 | 1361 | 1302 | 1229 | 1219 | 1229 | 1302 | 1361 | 1335 | 1278 | | | | | | | |
| 60 | 1031 | 1070 | 1121 | 1143 | 1089 | 1023 | 1016 | 1023 | 1089 | 1143 | 1121 | 1070 | | | | | | | |
| 65 | 829 | 866 | 907 | 925 | 876 | 821 | 816 | 821 | 876 | 925 | 907 | 866 | | | | | | | |
| 70 | 631 | 664 | 693 | 706 | 663 | 621 | 620 | 621 | 663 | 706 | 693 | 664 | | | | | | | |
| 75 | 439 | 468 | 484 | 488 | 456 | 425 | 431 | 425 | 456 | 488 | 484 | 468 | | | | | | | |
| 80 | 259 | 282 | 287 | 286 | 264 | 247 | 258 | 247 | 264 | 286 | 287 | 282 | | | | | | | |
| 85 | 108 | 123 | 122 | 115 | 104 | 95.2 | 106 | 95.2 | 104 | 115 | 122 | 123 | | | | | | | |
| 90 | 17.6 | 24.2 | 26.0 | 23.5 | 21.4 | 20.3 | 21.7 | 20.3 | 21.4 | 23.5 | 26.0 | 24.2 | | | | | | | |
| 95 | 15.3 | 18.1 | 18.5 | 18.8 | 18.7 | 18.2 | 19.8 | 18.2 | 18.7 | 18.8 | 18.5 | 18.1 | | | | | | | |
| 100 | 17.2 | 19.7 | 20.3 | 20.9 | 20.7 | 20.2 | 21.8 | 20.2 | 20.7 | 20.9 | 20.3 | 19.7 | | | | | | | |
| 105 | 19.4 | 21.8 | 22.4 | 23.2 | 22.9 | 22.5 | 24.0 | 22.5 | 22.9 | 23.2 | 22.4 | 21.8 | | | | | | | |
| 110 | 21.9 | 24.1 | 24.6 | 25.7 | 25.3 | 24.9 | 26.4 | 24.9 | 25.3 | 25.7 | 24.6 | 24.1 | | | | | | | |
| 115 | 24.6 | 26.5 | 26.9 | 28.1 | 27.9 | 27.5 | 28.9 | 27.5 | 27.9 | 28.1 | 26.9 | 26.5 | | | | | | | |
| 120 | 27.5 | 29.1 | 29.3 | 30.5 | 30.6 | 30.3 | 31.6 | 30.3 | 30.6 | 30.5 | 29.3 | 29.1 | | | | | | | |
| 125 | 30.4 | 31.7 | 31.6 | 32.9 | 33.3 | 33.1 | 34.3 | 33.1 | 33.3 | 32.9 | 31.6 | 31.7 | | | | | | | |
| 130 | 33.3 | 34.4 | 34.0 | 35.5 | 36.1 | 36.0 | 37.0 | 36.0 | 36.1 | 35.5 | 34.0 | 34.4 | | | | | | | |
| 135 | 36.1 | 37.0 | 36.5 | 38.1 | 38.8 | 38.7 | 39.5 | 38.7 | 38.8 | 38.1 | 36.5 | 37.0 | | | | | | | |
| 140 | 38.9 | 39.6 | 39.1 | 40.8 | 41.5 | 41.4 | 42.0 | 41.4 | 41.5 | 40.8 | 39.1 | 39.6 | | | | | | | |
| 145 | 41.5 | 42.1 | 41.7 | 43.6 | 44.2 | 44.0 | 44.3 | 44.0 | 44.2 | 43.6 | 41.7 | 42.1 | | | | | | | |
| 150 | 44.2 | 44.6 | 44.5 | 46.3 | 46.8 | 46.4 | 46.4 | 46.4 | 46.8 | 46.3 | 44.5 | 44.6 | | | | | | | |
| 155 | 47.0 | 47.1 | 47.2 | 49.0 | 49.3 | 48.7 | 48.6 | 48.7 | 49.3 | 49.0 | 47.2 | 47.1 | | | | | | | |
| 160 | 49.7 | 49.4 | 49.8 | 51.4 | 51.6 | 50.8 | 50.7 | 50.8 | 51.6 | 51.4 | 49.8 | 49.4 | | | | | | | |
| 165 | 52.4 | 51.6 | 52.3 | 53.6 | 53.7 | 52.8 | 52.8 | 52.8 | 53.7 | 53.6 | 52.3 | 51.6 | | | | | | | |
| 170 | 54.7 | 53.5 | 54.3 | 55.3 | 55.3 | 54.4 | 54.5 | 54.4 | 55.3 | 55.3 | 54.3 | 53.5 | | | | | | | |
| 175 | 56.1 | 54.7 | 55.7 | 56.3 | 56.2 | 55.4 | 55.0 | 55.4 | 56.2 | 56.3 | 55.7 | 54.7 | | | | | | | |
| 180 | 55.6 | 55.2 | 56.1 | 56.5 | 56.1 | 55.2 | 55.6 | 55.2 | 56.1 | 56.5 | 56.1 | 55.2 | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-04-26

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: