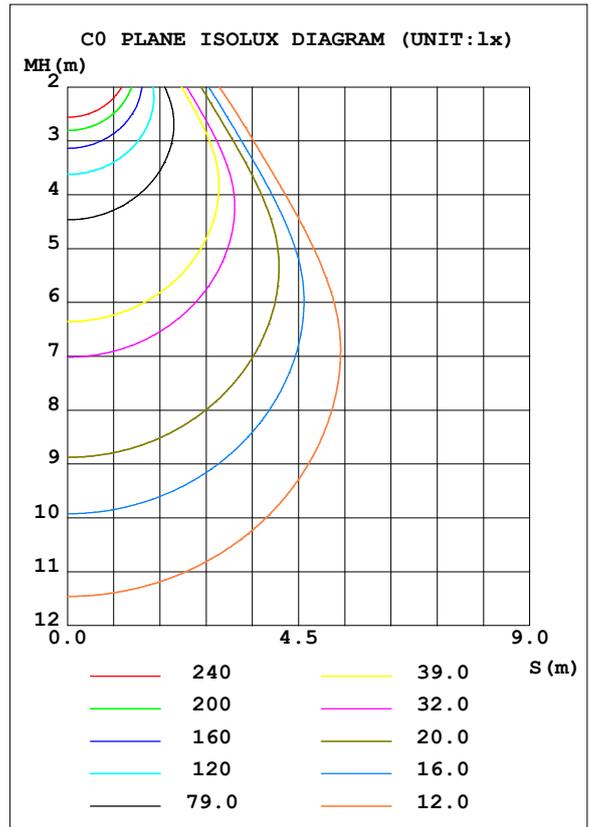
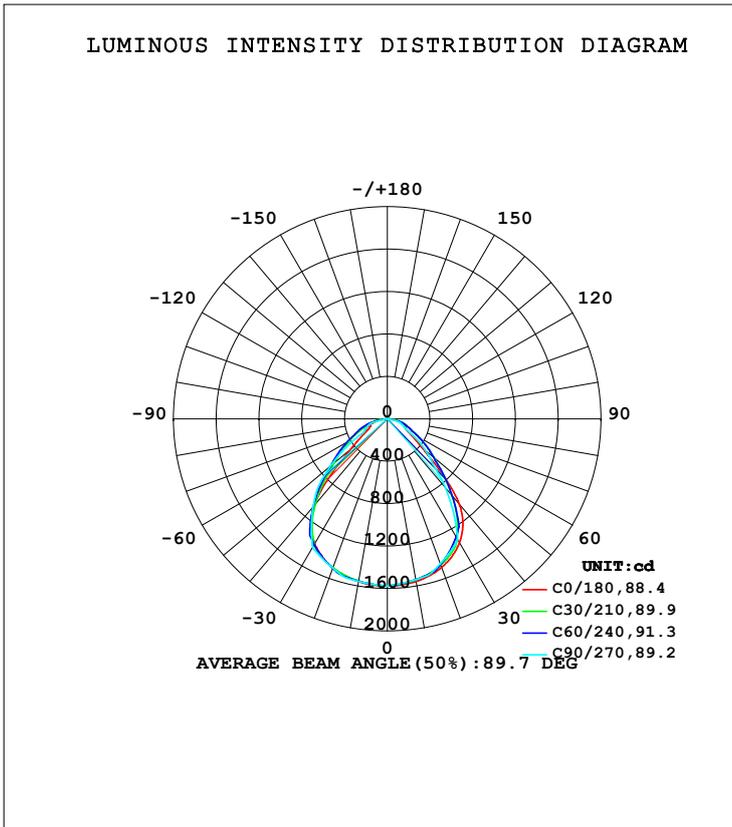


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 85.65 lm/W | | | |
|-------------------|---------|----------------------------------|--------|---------------------|-----------|
| MODEL | | I _{max} (cd) | 1575 | S/MH (C0/180) | 1.27 |
| NOMINAL POWER (W) | | LOR (%) | 100.0 | S/MH (C90/270) | 1.28 |
| RATED VOLTAGE (V) | | TOTAL FLUX (lm) | 3391.4 | η UP, DN (C0-180) | 0.0, 47.6 |
| NOMINAL FLUX (lm) | 3391.41 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 52.4 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | | η down (%) | 100.0 | CIBSE SHR MAX | 1.35 |



H(β) Range: -90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 倪娟
 Test Date: 2022-05-20

V(B) Range: -75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.060m [K=1.0000]
 Remarks: 22040374-217

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

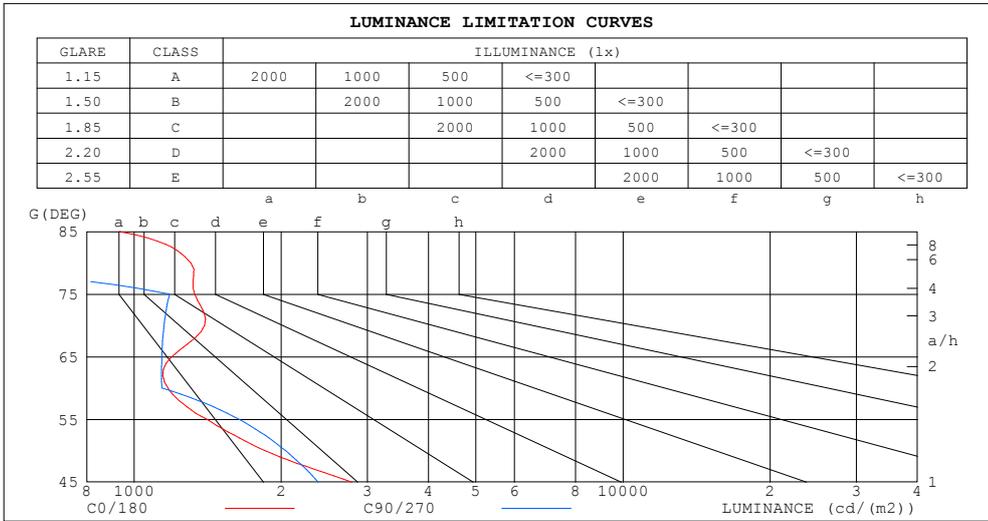
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|-------|-------|-------|--------|-------|-------|-------|----------|-------------|--------------|-----------|
| 10 | 1557 | 1539 | 1540 | 1540 | 1558 | 1552 | 1556 | 1551 | 0- 10 | 148.8 | 148.8 | 4.39,4.39 |
| 20 | 1490 | 1475 | 1454 | 1479 | 1495 | 1505 | 1497 | 1501 | 10- 20 | 430.2 | 579.0 | 17.1,17.1 |
| 30 | 1350 | 1271 | 1320 | 1275 | 1359 | 1352 | 1400 | 1343 | 20- 30 | 652.3 | 1231 | 36.3,36.3 |
| 40 | 1047 | 928.4 | 843.8 | 936.8 | 1061 | 1093 | 1081 | 1075 | 30- 40 | 739.7 | 1971 | 58.1,58.1 |
| 50 | 428.4 | 587.8 | 472.2 | 590.6 | 448.1 | 700.1 | 700.4 | 674.6 | 40- 50 | 603.7 | 2575 | 75.9,75.9 |
| 60 | 211.0 | 343.3 | 205.0 | 350.7 | 218.5 | 427.3 | 258.2 | 401.0 | 50- 60 | 403.3 | 2978 | 87.8,87.8 |
| 70 | 171.6 | 175.3 | 141.8 | 175.8 | 174.7 | 218.7 | 191.0 | 209.3 | 60- 70 | 250.0 | 3228 | 95.2,95.2 |
| 80 | 81.60 | 62.36 | 0 | 63.03 | 85.43 | 112.2 | 0 | 106.6 | 70- 80 | 144.2 | 3372 | 99.4,99.4 |
| 90 | 0.8505 | 0 | 0 | 0 | 0.9486 | 0 | 0 | 0 | 80- 90 | 19.07 | 3391 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 932 | 0 |
| 80 | 1305 | 0 |
| 75 | 1331 | 1182 |
| 70 | 1394 | 1151 |
| 65 | 1193 | 1140 |
| 60 | 1172 | 1139 |
| 55 | 1408 | 1640 |
| 50 | 1851 | 2041 |
| 45 | 2791 | 2380 |

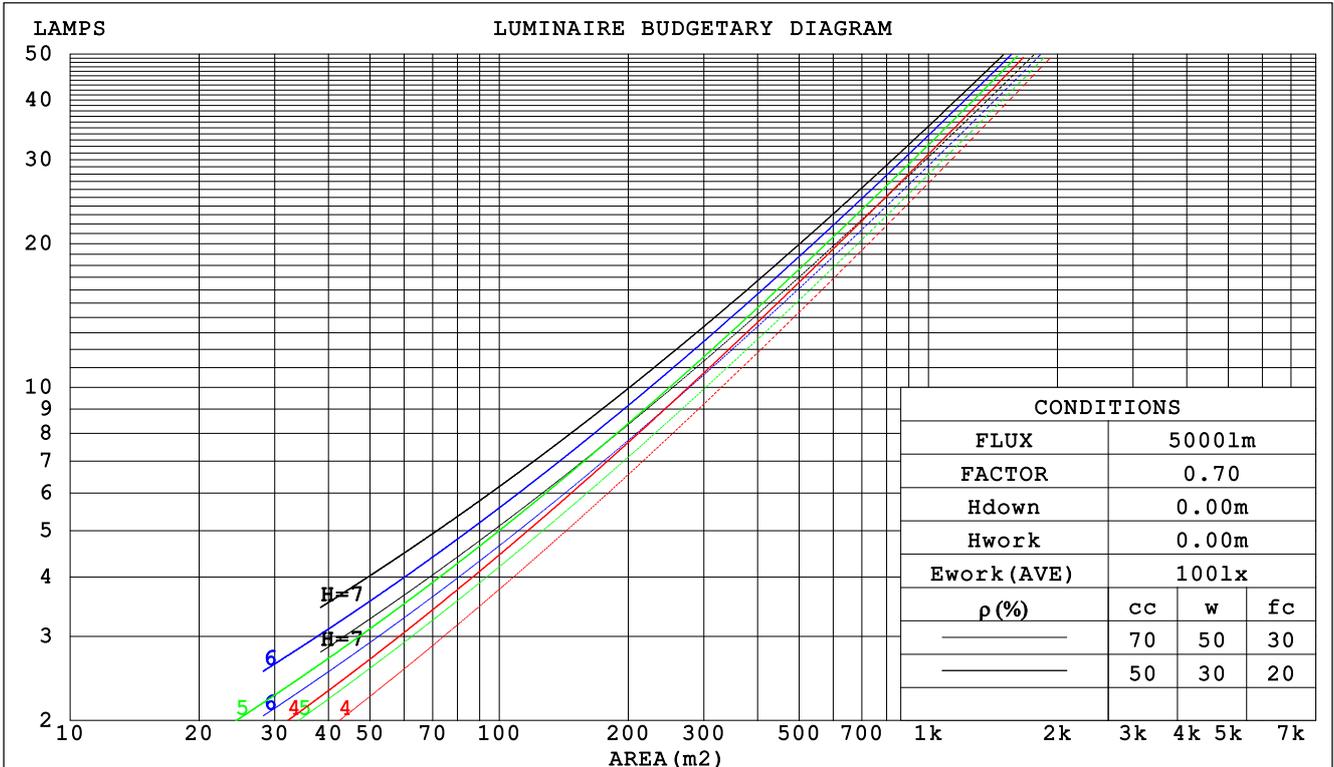
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|
| 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 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1.0 | 1.06 | 1.03 | .00 | 1.04 | 1.01 | .98 | 1.00 | .97 | .95 | .96 | .94 | .92 | .93 | .91 | .89 | .87 |
| 2.0 | .95 | .89 | .84 | .93 | .87 | .83 | .89 | .85 | .81 | .86 | .82 | .79 | .83 | .80 | .77 | .75 |
| 3.0 | .85 | .77 | .72 | .83 | .76 | .71 | .80 | .75 | .70 | .78 | .73 | .69 | .75 | .71 | .68 | .66 |
| 4.0 | .76 | .68 | .62 | .75 | .68 | .62 | .72 | .66 | .61 | .70 | .65 | .60 | .68 | .63 | .59 | .57 |
| 5.0 | .69 | .61 | .55 | .68 | .60 | .54 | .66 | .59 | .54 | .64 | .58 | .53 | .62 | .57 | .53 | .51 |
| 6.0 | .63 | .54 | .49 | .62 | .54 | .48 | .60 | .53 | .48 | .58 | .52 | .48 | .57 | .51 | .47 | .45 |
| 7.0 | .57 | .49 | .44 | .56 | .49 | .43 | .55 | .48 | .43 | .54 | .47 | .43 | .52 | .47 | .42 | .41 |
| 8.0 | .53 | .45 | .39 | .52 | .44 | .39 | .51 | .44 | .39 | .49 | .43 | .39 | .48 | .43 | .39 | .37 |
| 9.0 | .49 | .41 | .36 | .48 | .41 | .36 | .47 | .40 | .35 | .46 | .40 | .35 | .45 | .39 | .35 | .33 |
| 10.0 | .45 | .38 | .33 | .44 | .37 | .33 | .44 | .37 | .32 | .43 | .37 | .32 | .42 | .36 | .32 | .30 |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

WEC AND CCEC

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| 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 | .261 | .148 | .047 | .254 | .145 | .046 | .241 | .138 | .044 | .229 | .132 | .042 | .218 | .126 | .041 | |
| 2.0 | .251 | .137 | .042 | .245 | .135 | .042 | .234 | .130 | .040 | .223 | .125 | .039 | .213 | .121 | .038 | |
| 3.0 | .236 | .126 | .038 | .231 | .124 | .037 | .221 | .120 | .036 | .212 | .116 | .036 | .203 | .112 | .035 | |
| 4.0 | .221 | .115 | .034 | .216 | .113 | .033 | .208 | .110 | .033 | .199 | .107 | .032 | .192 | .104 | .032 | |
| 5.0 | .207 | .105 | .031 | .203 | .104 | .030 | .195 | .101 | .030 | .188 | .099 | .029 | .181 | .097 | .029 | |
| 6.0 | .194 | .097 | .028 | .190 | .096 | .028 | .183 | .094 | .027 | .177 | .092 | .027 | .171 | .090 | .027 | |
| 7.0 | .182 | .090 | .026 | .179 | .089 | .025 | .173 | .087 | .025 | .167 | .086 | .025 | .161 | .084 | .025 | |
| 8.0 | .171 | .084 | .024 | .169 | .083 | .023 | .163 | .081 | .023 | .158 | .080 | .023 | .153 | .078 | .023 | |
| 9.0 | .162 | .078 | .022 | .159 | .078 | .022 | .154 | .076 | .022 | .150 | .075 | .021 | .145 | .074 | .021 | |
| 10.0 | .153 | .073 | .020 | .151 | .073 | .020 | .146 | .072 | .020 | .142 | .070 | .020 | .138 | .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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .177 | .157 | .138 | .151 | .134 | .119 | .104 | .092 | .082 | .060 | .053 | .048 | .019 | .017 | .015 | |
| 2.0 | .167 | .132 | .103 | .143 | .114 | .089 | .098 | .079 | .062 | .056 | .046 | .036 | .018 | .015 | .012 | |
| 3.0 | .158 | .114 | .079 | .135 | .098 | .069 | .093 | .068 | .048 | .054 | .040 | .028 | .017 | .013 | .009 | |
| 4.0 | .150 | .100 | .063 | .129 | .087 | .054 | .088 | .060 | .038 | .051 | .035 | .023 | .016 | .012 | .007 | |
| 5.0 | .142 | .090 | .051 | .122 | .078 | .044 | .084 | .054 | .031 | .049 | .032 | .018 | .016 | .010 | .006 | |
| 6.0 | .136 | .081 | .042 | .117 | .070 | .037 | .080 | .049 | .026 | .047 | .029 | .015 | .015 | .009 | .005 | |
| 7.0 | .129 | .074 | .035 | .111 | .064 | .031 | .077 | .045 | .022 | .045 | .027 | .013 | .014 | .009 | .004 | |
| 8.0 | .123 | .068 | .031 | .106 | .059 | .027 | .073 | .042 | .019 | .043 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .117 | .063 | .027 | .101 | .055 | .023 | .070 | .039 | .016 | .041 | .023 | .010 | .013 | .007 | .003 | |
| 10.0 | .112 | .059 | .024 | .097 | .051 | .021 | .067 | .036 | .015 | .039 | .021 | .009 | .013 | .007 | .003 | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | | | | | | | | | |
| NAME: LED面板灯 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:295*1195-42W | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | 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 | 14.3 | 15.7 | 14.6 | 15.9 | 16.1 | 14.2 | 15.5 | 14.4 | 15.7 | 15.9 |
| 3H | 15.0 | 16.3 | 15.3 | 16.5 | 16.7 | 14.9 | 16.2 | 15.2 | 16.4 | 16.7 |
| 4H | 15.4 | 16.6 | 15.8 | 16.9 | 17.1 | 15.3 | 16.5 | 15.6 | 16.7 | 17.0 |
| 6H | 15.8 | 16.9 | 16.2 | 17.2 | 17.5 | 15.3 | 16.4 | 15.6 | 16.7 | 17.0 |
| 8H | 16.0 | 17.0 | 16.3 | 17.3 | 17.6 | 15.3 | 16.3 | 15.6 | 16.6 | 16.9 |
| 12H | 16.0 | 17.0 | 16.4 | 17.3 | 17.6 | 15.2 | 16.3 | 15.6 | 16.5 | 16.8 |
| 4H 2H | 14.7 | 15.9 | 15.0 | 16.2 | 16.4 | 14.6 | 15.8 | 14.9 | 16.1 | 16.3 |
| 3H | 15.8 | 16.8 | 16.1 | 17.1 | 17.4 | 15.7 | 16.7 | 16.0 | 17.0 | 17.3 |
| 4H | 16.3 | 17.3 | 16.7 | 17.6 | 17.9 | 16.2 | 17.1 | 16.6 | 17.5 | 17.8 |
| 6H | 16.9 | 17.7 | 17.3 | 18.1 | 18.4 | 16.3 | 17.1 | 16.7 | 17.4 | 17.8 |
| 8H | 17.1 | 17.9 | 17.5 | 18.2 | 18.6 | 16.2 | 17.0 | 16.6 | 17.3 | 17.7 |
| 12H | 17.2 | 17.9 | 17.6 | 18.3 | 18.7 | 16.2 | 16.9 | 16.6 | 17.3 | 17.7 |
| 8H 4H | 16.6 | 17.3 | 17.0 | 17.7 | 18.1 | 16.5 | 17.2 | 16.9 | 17.6 | 18.0 |
| 6H | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 | 16.6 | 17.2 | 17.0 | 17.6 | 18.0 |
| 8H | 17.6 | 18.1 | 18.0 | 18.6 | 19.0 | 16.5 | 17.1 | 17.0 | 17.5 | 17.9 |
| 12H | 17.8 | 18.3 | 18.3 | 18.7 | 19.2 | 16.5 | 17.0 | 17.0 | 17.4 | 17.9 |
| 12H 4H | 16.6 | 17.3 | 17.0 | 17.6 | 18.0 | 16.5 | 17.2 | 16.9 | 17.5 | 17.9 |
| 6H | 17.3 | 17.8 | 17.7 | 18.3 | 18.7 | 16.6 | 17.1 | 17.0 | 17.6 | 18.0 |
| 8H | 17.6 | 18.1 | 18.1 | 18.5 | 19.0 | 16.5 | 17.0 | 17.0 | 17.5 | 17.9 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.6 | | | | | + 0.5 / - 0.6 | | | | |
| 1.5H | + 0.4 / - 0.6 | | | | | + 0.3 / - 0.7 | | | | |
| 2.0H | + 0.9 / - 1.2 | | | | | + 0.6 / - 1.6 | | | | |

CIE Pub.117, 3391 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.2)
 Area: 0.36 m2

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:倪娟
 Test Date:2022-05-20

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.060m [K=1.0000]
 Remarks: 22040374-217

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

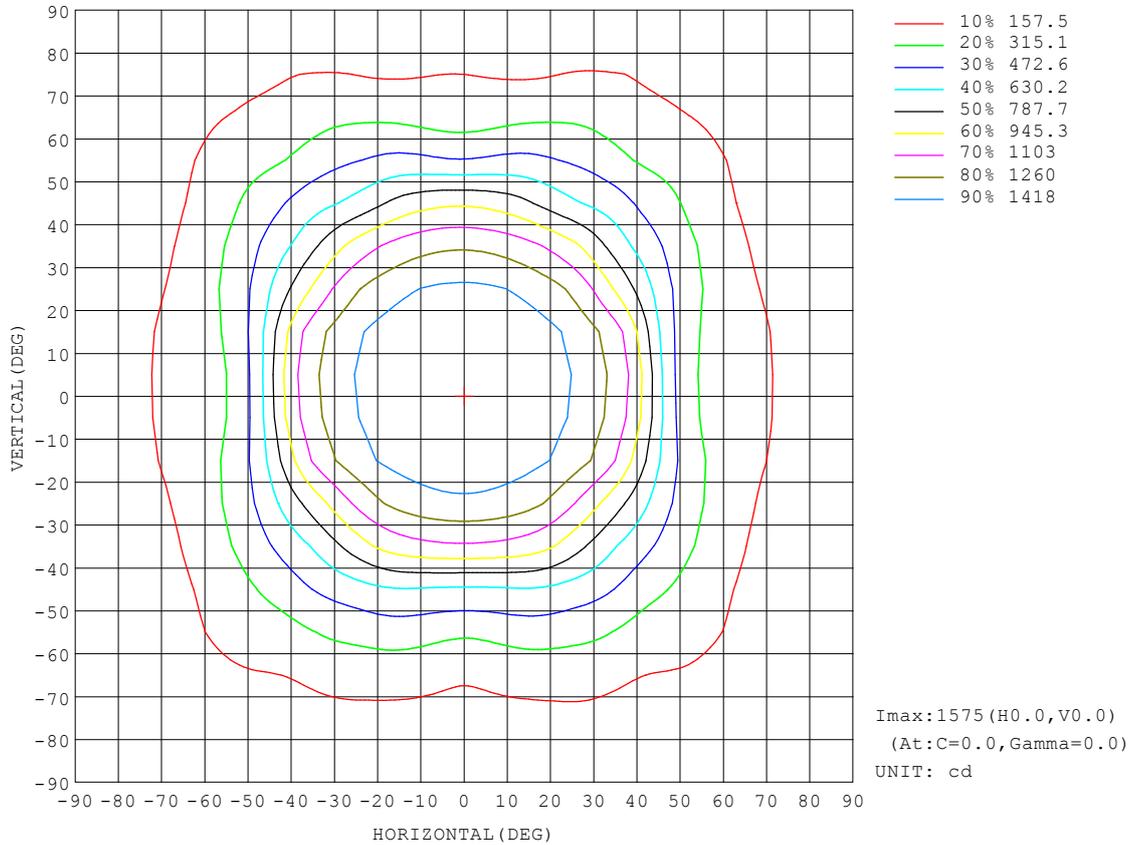
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 65 | 55 | 49 | 65 | 55 | 49 | 64 | 55 | 49 | 43 |
| 0.80 | 75 | 65 | 59 | 74 | 65 | 59 | 73 | 64 | 58 | 52 |
| 1.00 | 83 | 74 | 67 | 82 | 73 | 67 | 80 | 74 | 67 | 60 |
| 1.25 | 89 | 81 | 75 | 88 | 80 | 74 | 86 | 79 | 73 | 67 |
| 1.50 | 94 | 86 | 80 | 92 | 85 | 79 | 90 | 83 | 78 | 72 |
| 2.00 | 100 | 93 | 87 | 98 | 91 | 86 | 95 | 89 | 85 | 78 |
| 2.50 | 103 | 96 | 91 | 101 | 95 | 90 | 97 | 92 | 89 | 81 |
| 3.00 | 106 | 100 | 95 | 104 | 98 | 94 | 100 | 96 | 92 | 84 |
| 4.00 | 109 | 104 | 100 | 107 | 102 | 99 | 103 | 99 | 96 | 88 |
| 5.00 | 111 | 107 | 104 | 108 | 105 | 102 | 104 | 101 | 99 | 90 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

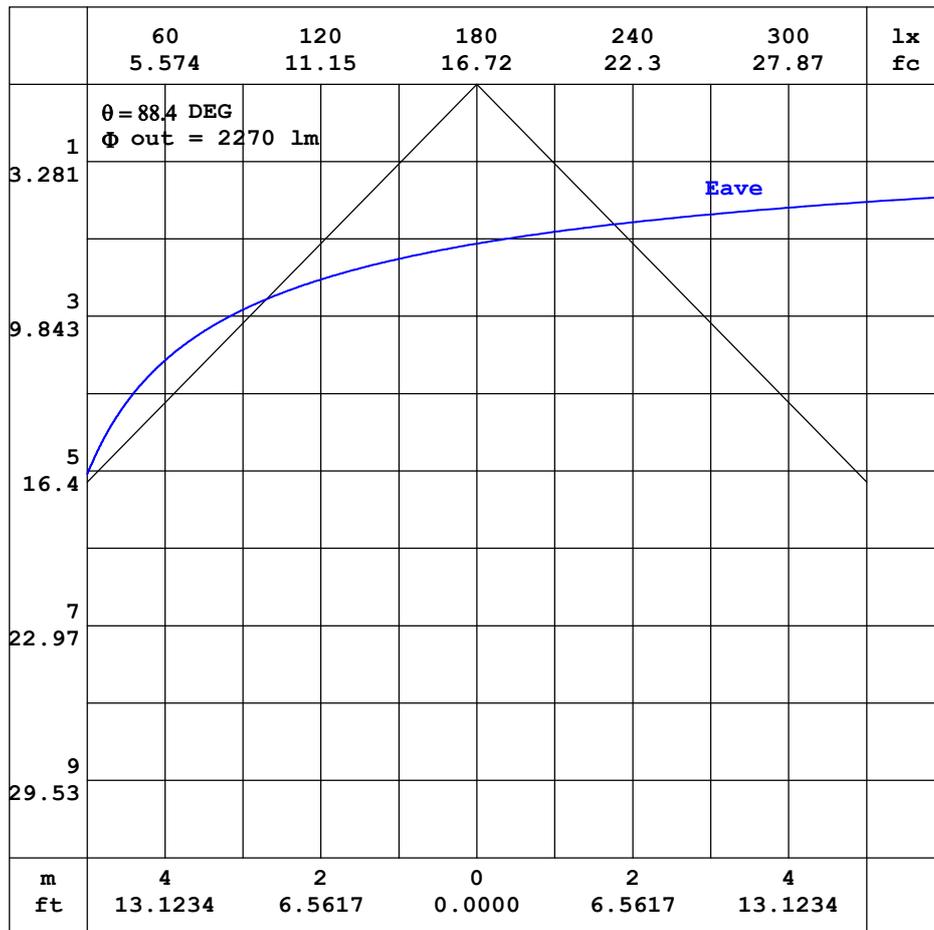


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

AAI CURVES

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



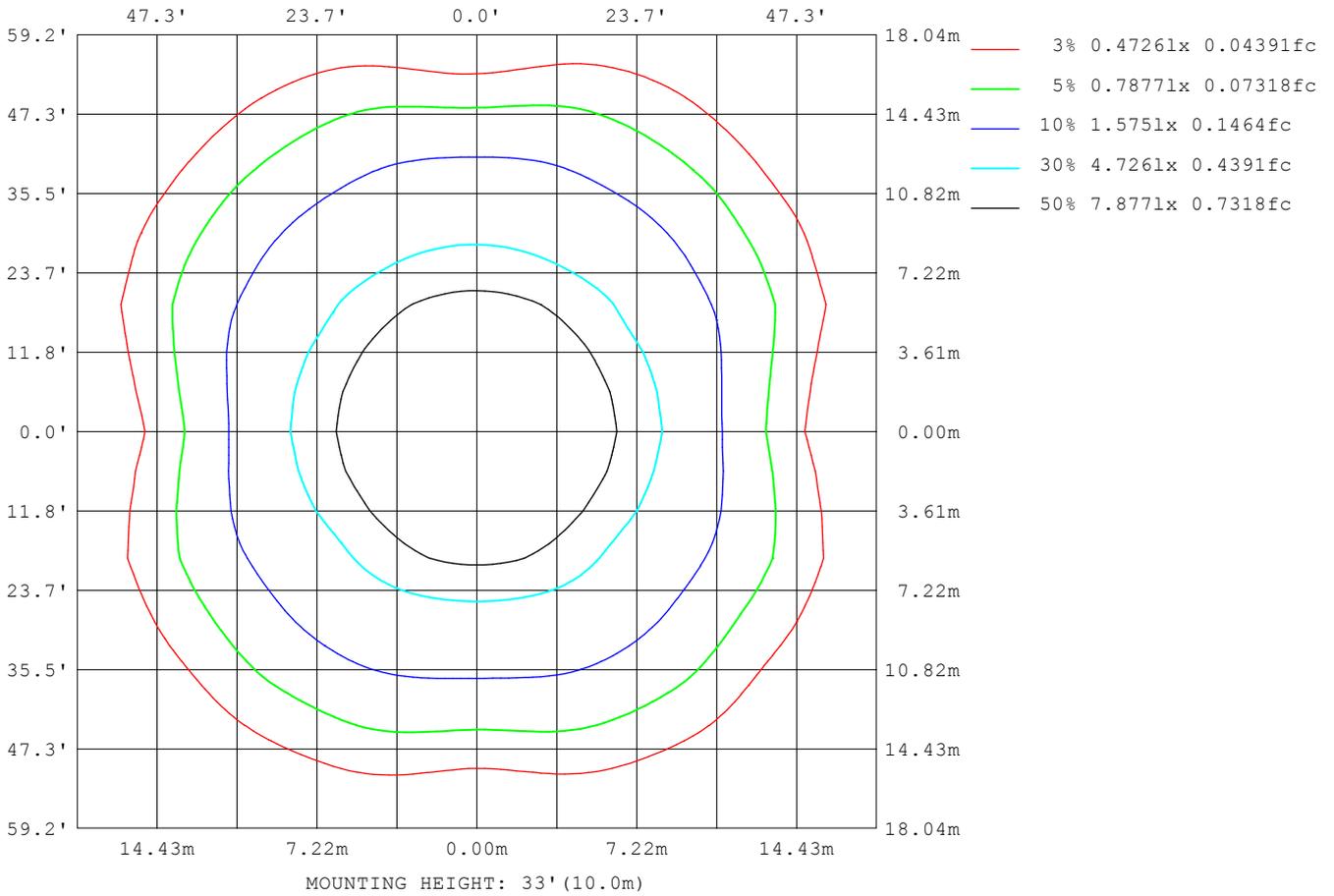
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

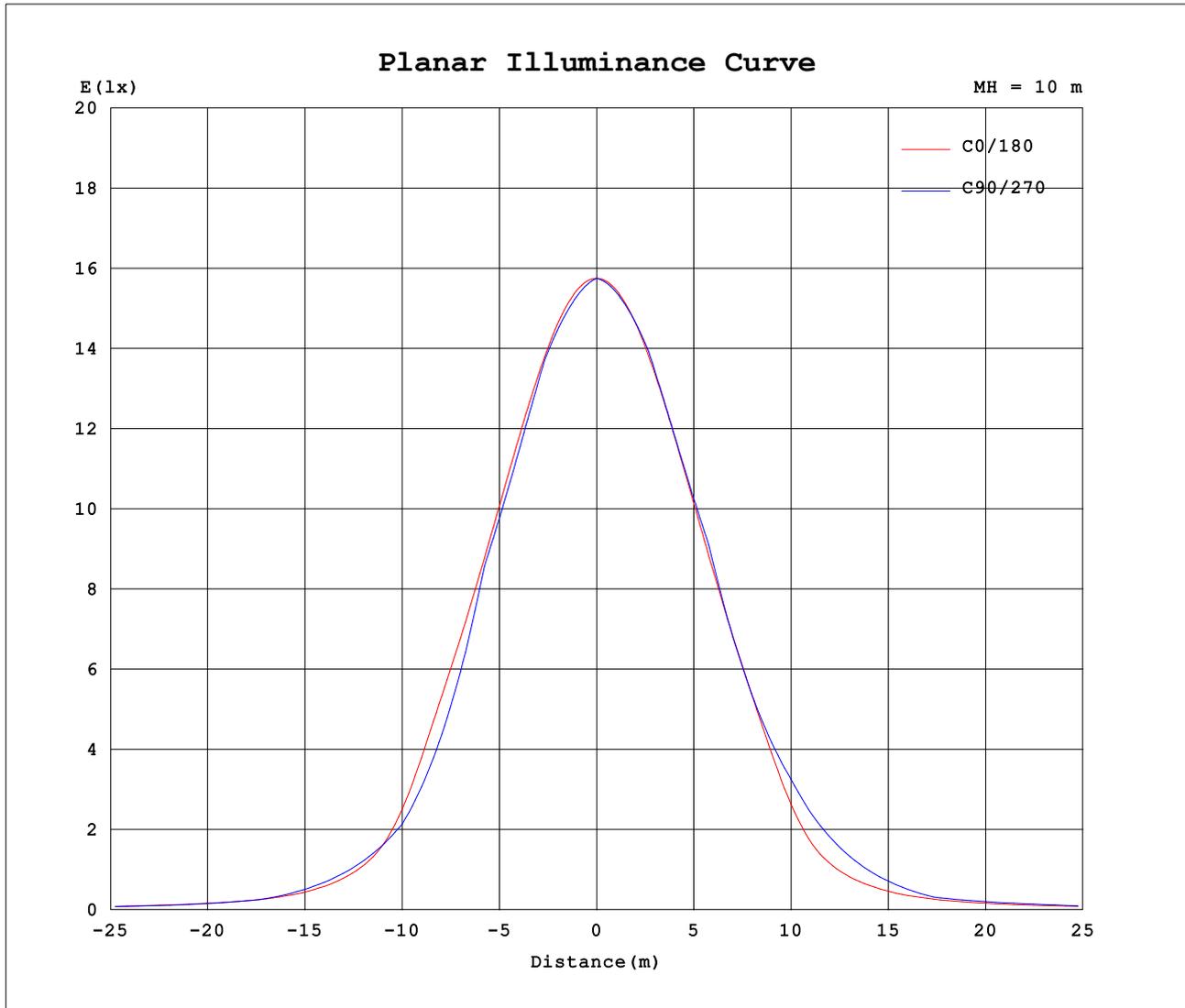
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 1197 |
| L_0~180 (75) av | 1361 |
| L_0~180 (85) av | 1032 |
| L_90~270 (65) av | 1308 |
| L_90~270 (75) av | 1436 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 1775 |
| L_45 (75) av | 1591 |
| L_45 (85) av | 0 |

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 |
| 5 | 1558 | 1558 | 1558 | 1558 | 1559 | 1559 | 1559 | 1560 | 1561 | 1561 | 1562 | 1563 | 1564 | 1566 | 1567 | 1568 | 1570 | 1571 | 1570 |
| 10 | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 | 1540 | 1541 | 1542 | 1543 | 1545 | 1547 | 1549 | 1551 | 1554 | 1558 | 1556 |
| 15 | 1522 | 1521 | 1521 | 1520 | 1518 | 1517 | 1516 | 1515 | 1514 | 1513 | 1513 | 1514 | 1515 | 1517 | 1519 | 1523 | 1528 | 1533 | 1530 |
| 20 | 1455 | 1455 | 1456 | 1457 | 1460 | 1464 | 1469 | 1476 | 1479 | 1476 | 1473 | 1472 | 1471 | 1472 | 1475 | 1480 | 1486 | 1495 | 1490 |
| 25 | 1387 | 1386 | 1384 | 1382 | 1381 | 1381 | 1383 | 1386 | 1393 | 1404 | 1418 | 1413 | 1409 | 1409 | 1411 | 1417 | 1427 | 1439 | 1433 |
| 30 | 1318 | 1315 | 1309 | 1301 | 1294 | 1287 | 1281 | 1277 | 1275 | 1279 | 1292 | 1314 | 1324 | 1320 | 1321 | 1328 | 1341 | 1359 | 1351 |
| 35 | 1085 | 1093 | 1106 | 1122 | 1139 | 1154 | 1161 | 1141 | 1124 | 1118 | 1125 | 1147 | 1183 | 1200 | 1196 | 1202 | 1218 | 1243 | 1232 |
| 40 | 849 | 862 | 882 | 906 | 928 | 944 | 951 | 948 | 937 | 922 | 926 | 947 | 977 | 1009 | 1009 | 1009 | 1027 | 1061 | 1048 |
| 45 | 614 | 634 | 663 | 697 | 724 | 742 | 751 | 752 | 745 | 730 | 720 | 745 | 763 | 767 | 760 | 739 | 732 | 746 | 748 |
| 50 | 481 | 499 | 524 | 546 | 559 | 564 | 573 | 588 | 591 | 584 | 581 | 583 | 581 | 560 | 532 | 496 | 464 | 448 | 468 |
| 55 | 351 | 375 | 403 | 425 | 437 | 445 | 453 | 463 | 465 | 459 | 455 | 454 | 451 | 426 | 393 | 364 | 327 | 302 | 327 |
| 60 | 221 | 252 | 283 | 305 | 319 | 332 | 345 | 352 | 351 | 347 | 346 | 346 | 339 | 335 | 300 | 274 | 242 | 219 | 240 |
| 65 | 184 | 204 | 222 | 232 | 236 | 241 | 243 | 245 | 249 | 257 | 265 | 254 | 241 | 235 | 223 | 205 | 195 | 183 | 194 |
| 70 | 148 | 160 | 171 | 179 | 184 | 189 | 187 | 179 | 176 | 186 | 199 | 195 | 181 | 167 | 160 | 158 | 167 | 175 | 171 |
| 75 | 112 | 115 | 119 | 125 | 132 | 136 | 133 | 127 | 124 | 132 | 142 | 150 | 145 | 129 | 121 | 122 | 128 | 130 | 133 |
| 80 | 0.84 | 3.42 | 7.90 | 14.6 | 23.8 | 34.5 | 45.0 | 54.7 | 63.0 | 75.8 | 84.1 | 88.8 | 90.4 | 92.0 | 90.1 | 88.3 | 82.2 | 85.4 | 89.6 |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 16.1 | 32.5 | 39.6 | 40.2 | 34.9 | 35.5 | 46.1 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.95 | 0.00 |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

Table--3

UNIT: cd

| C (DEG) γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 |
| 5 | 1570 | 1569 | 1568 | 1568 | 1567 | 1567 | 1567 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 | 1566 |
| 10 | 1554 | 1553 | 1552 | 1552 | 1551 | 1551 | 1552 | 1552 | 1552 | 1553 | 1554 | 1554 | 1555 | 1555 | 1556 | 1556 | 1556 | 1556 | 1555 |
| 15 | 1528 | 1527 | 1526 | 1526 | 1527 | 1528 | 1530 | 1532 | 1534 | 1536 | 1538 | 1540 | 1542 | 1544 | 1545 | 1546 | 1546 | 1545 | 1544 |
| 20 | 1488 | 1487 | 1487 | 1489 | 1492 | 1496 | 1500 | 1505 | 1505 | 1501 | 1499 | 1498 | 1498 | 1498 | 1497 | 1497 | 1497 | 1497 | 1496 |
| 25 | 1430 | 1430 | 1432 | 1437 | 1444 | 1452 | 1444 | 1439 | 1437 | 1437 | 1438 | 1440 | 1443 | 1445 | 1447 | 1449 | 1449 | 1448 | 1446 |
| 30 | 1347 | 1348 | 1354 | 1365 | 1364 | 1355 | 1351 | 1352 | 1355 | 1362 | 1369 | 1377 | 1385 | 1392 | 1397 | 1399 | 1400 | 1398 | 1395 |
| 35 | 1230 | 1237 | 1249 | 1244 | 1227 | 1224 | 1230 | 1242 | 1257 | 1274 | 1265 | 1257 | 1251 | 1247 | 1244 | 1242 | 1241 | 1239 | 1238 |
| 40 | 1053 | 1072 | 1085 | 1061 | 1047 | 1050 | 1070 | 1093 | 1089 | 1082 | 1078 | 1078 | 1080 | 1081 | 1082 | 1082 | 1081 | 1077 | 1072 |
| 45 | 776 | 822 | 839 | 842 | 838 | 844 | 867 | 882 | 885 | 882 | 883 | 893 | 905 | 914 | 920 | 923 | 921 | 914 | 904 |
| 50 | 506 | 556 | 602 | 641 | 654 | 669 | 689 | 700 | 697 | 687 | 695 | 715 | 728 | 727 | 716 | 705 | 700 | 703 | 709 |
| 55 | 364 | 403 | 450 | 494 | 515 | 532 | 549 | 555 | 553 | 554 | 557 | 563 | 561 | 542 | 513 | 487 | 479 | 493 | 518 |
| 60 | 273 | 312 | 359 | 377 | 402 | 418 | 422 | 427 | 433 | 436 | 433 | 424 | 405 | 366 | 314 | 271 | 258 | 284 | 331 |
| 65 | 210 | 242 | 259 | 278 | 304 | 314 | 307 | 303 | 310 | 323 | 329 | 322 | 308 | 285 | 256 | 232 | 225 | 239 | 265 |
| 70 | 166 | 173 | 185 | 205 | 222 | 226 | 215 | 219 | 236 | 255 | 258 | 247 | 232 | 219 | 205 | 195 | 191 | 196 | 207 |
| 75 | 130 | 128 | 141 | 160 | 168 | 169 | 172 | 176 | 186 | 193 | 189 | 173 | 156 | 149 | 153 | 158 | 157 | 152 | 146 |
| 80 | 97.4 | 102 | 107 | 111 | 116 | 121 | 127 | 112 | 91.6 | 70.0 | 49.4 | 31.1 | 17.9 | 9.82 | 4.53 | 1.18 | 0.00 | 1.13 | 4.31 |
| 85 | 52.2 | 57.1 | 52.3 | 25.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:229.93V I:0.1789A P:39.598W PF:0.9628 Freq:49.99Hz Lamp Flux:3391.41x1 lm | | |
| NAME: LED面板灯 | TYPE: | WEIGHT: |
| SPEC.:295*1195-42W | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

Table--4

UNIT: cd

| C (DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | 1575 | | | | |
| 5 | 1565 | 1565 | 1565 | 1566 | 1566 | 1566 | 1566 | 1566 | 1567 | 1567 | 1567 | 1568 | 1569 | 1569 | 1570 | | | | |
| 10 | 1555 | 1554 | 1553 | 1553 | 1552 | 1551 | 1551 | 1550 | 1550 | 1550 | 1551 | 1551 | 1552 | 1553 | 1555 | | | | |
| 15 | 1543 | 1541 | 1539 | 1536 | 1534 | 1532 | 1529 | 1527 | 1526 | 1524 | 1524 | 1523 | 1524 | 1525 | 1527 | | | | |
| 20 | 1496 | 1495 | 1496 | 1496 | 1498 | 1502 | 1501 | 1496 | 1492 | 1488 | 1485 | 1483 | 1482 | 1483 | 1486 | | | | |
| 25 | 1443 | 1440 | 1437 | 1434 | 1432 | 1432 | 1434 | 1438 | 1446 | 1437 | 1429 | 1424 | 1422 | 1422 | 1426 | | | | |
| 30 | 1388 | 1381 | 1372 | 1363 | 1355 | 1348 | 1343 | 1342 | 1345 | 1353 | 1353 | 1343 | 1337 | 1336 | 1341 | | | | |
| 35 | 1239 | 1241 | 1246 | 1254 | 1264 | 1247 | 1231 | 1216 | 1207 | 1209 | 1227 | 1234 | 1222 | 1217 | 1221 | | | | |
| 40 | 1067 | 1062 | 1058 | 1058 | 1065 | 1074 | 1075 | 1044 | 1020 | 1019 | 1036 | 1060 | 1045 | 1027 | 1027 | | | | |
| 45 | 892 | 877 | 862 | 856 | 860 | 865 | 856 | 833 | 805 | 804 | 805 | 792 | 764 | 723 | 704 | | | | |
| 50 | 712 | 704 | 685 | 666 | 664 | 676 | 675 | 657 | 635 | 620 | 598 | 553 | 507 | 466 | 439 | | | | |
| 55 | 540 | 549 | 545 | 540 | 536 | 534 | 532 | 515 | 497 | 481 | 461 | 421 | 373 | 332 | 305 | | | | |
| 60 | 377 | 405 | 419 | 423 | 420 | 411 | 401 | 391 | 388 | 372 | 350 | 335 | 286 | 248 | 224 | | | | |
| 65 | 292 | 311 | 323 | 324 | 306 | 287 | 284 | 290 | 294 | 275 | 251 | 237 | 222 | 197 | 188 | | | | |
| 70 | 221 | 236 | 252 | 258 | 245 | 221 | 209 | 209 | 215 | 206 | 188 | 171 | 163 | 161 | 167 | | | | |
| 75 | 147 | 161 | 183 | 195 | 191 | 179 | 169 | 164 | 159 | 159 | 150 | 132 | 121 | 126 | 125 | | | | |
| 80 | 9.66 | 18.7 | 33.3 | 51.7 | 70.7 | 89.6 | 107 | 116 | 106 | 102 | 99.5 | 102 | 99.2 | 91.5 | 84.1 | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 20.4 | 43.6 | 49.0 | 44.9 | 38.0 | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:倪娟
Test Date:2022-05-20

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.060m [K=1.0000]
Remarks: 22040374-217