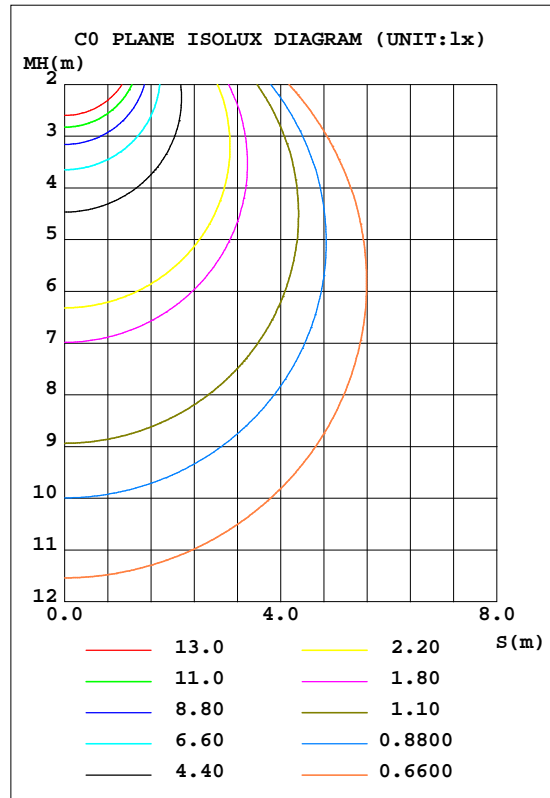
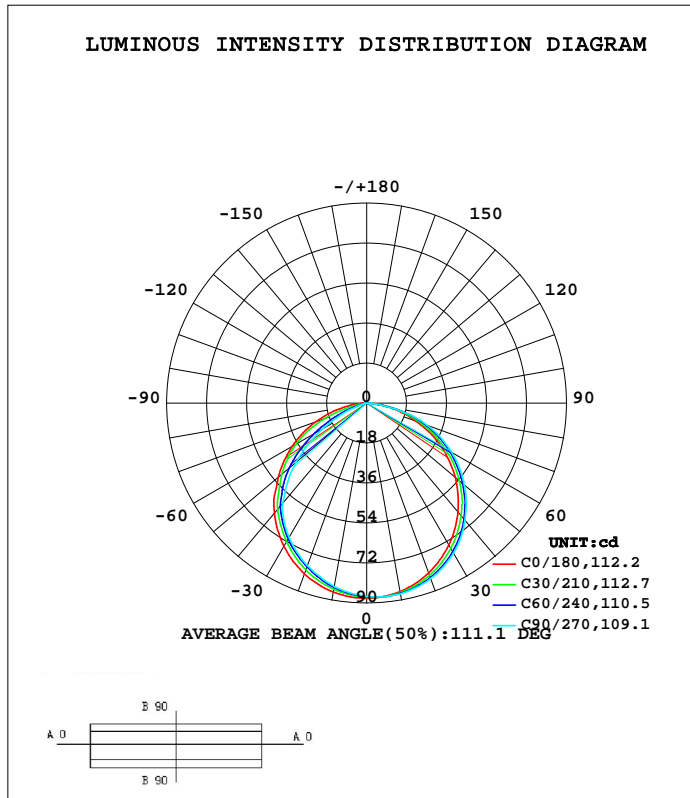


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 24.47 lm/W | | | |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL | | I _{max} (cd) | 87.86 | S/MH(C0/180) | 1.26 |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 1.20 |
| RATED VOLTAGE(V) | -- | TOTAL FLUX(lm) | 239.27 | η UP, DN(C0-180) | 0.0,54.9 |
| NOMINAL FLUX(lm) | 239.274 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0,45.1 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | -- | η down(%) | 100.0 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|-----------|
| 10 | 86.16 | 86.86 | 87.15 | 86.62 | 86.39 | 84.59 | 83.81 | 83.95 | 0- 10 | 8.244 | 8.244 | 3.45,3.45 |
| 20 | 81.41 | 83.30 | 84.13 | 83.21 | 81.85 | 78.96 | 77.90 | 78.16 | 10- 20 | 23.61 | 31.85 | 13.3,13.3 |
| 30 | 73.90 | 76.77 | 78.09 | 76.86 | 74.50 | 71.14 | 69.87 | 70.25 | 20- 30 | 35.83 | 67.69 | 28.3,28.3 |
| 40 | 63.98 | 67.57 | 68.88 | 67.81 | 64.66 | 61.22 | 58.70 | 60.20 | 30- 40 | 43.32 | 111.0 | 46.4,46.4 |
| 50 | 52.10 | 54.80 | 57.40 | 55.11 | 51.92 | 49.12 | 41.58 | 47.72 | 40- 50 | 44.64 | 155.6 | 65,65 |
| 60 | 38.46 | 41.37 | 44.07 | 41.74 | 38.61 | 32.25 | 22.36 | 30.42 | 50- 60 | 39.16 | 194.8 | 81.4,81.4 |
| 70 | 23.59 | 26.61 | 28.78 | 27.05 | 24.15 | 13.41 | 5.934 | 11.73 | 60- 70 | 27.96 | 222.8 | 93.1,93.1 |
| 80 | 9.158 | 10.44 | 8.493 | 11.04 | 9.736 | 0.9797 | 0.8215 | 0.7350 | 70- 80 | 13.77 | 236.5 | 98.9,98.9 |
| 90 | 0.1831 | 0.6292 | 0.9375 | 0.8045 | 0.6753 | 0.2418 | 0.1272 | 0.1667 | 80- 90 | 2.737 | 239.3 | 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 | | |

Conical surface Flux(90deg): 133.61 lm

%lum = 55.8%
 %lamp = 55.8%

Conical surface Flux(120deg): 194.8 lm

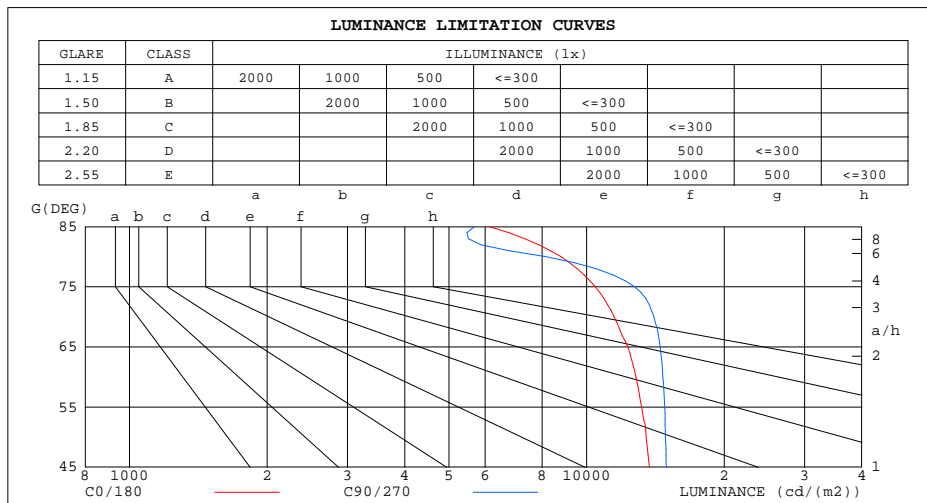
%lum = 81.4%
 %lamp = 81.4%

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 6125 | 5687 |
| 80 | 8790 | 8152 |
| 75 | 10448 | 12733 |
| 70 | 11495 | 14024 |
| 65 | 12319 | 14485 |
| 60 | 12820 | 14689 |
| 55 | 13191 | 14822 |
| 50 | 13508 | 14884 |
| 45 | 13723 | 14952 |

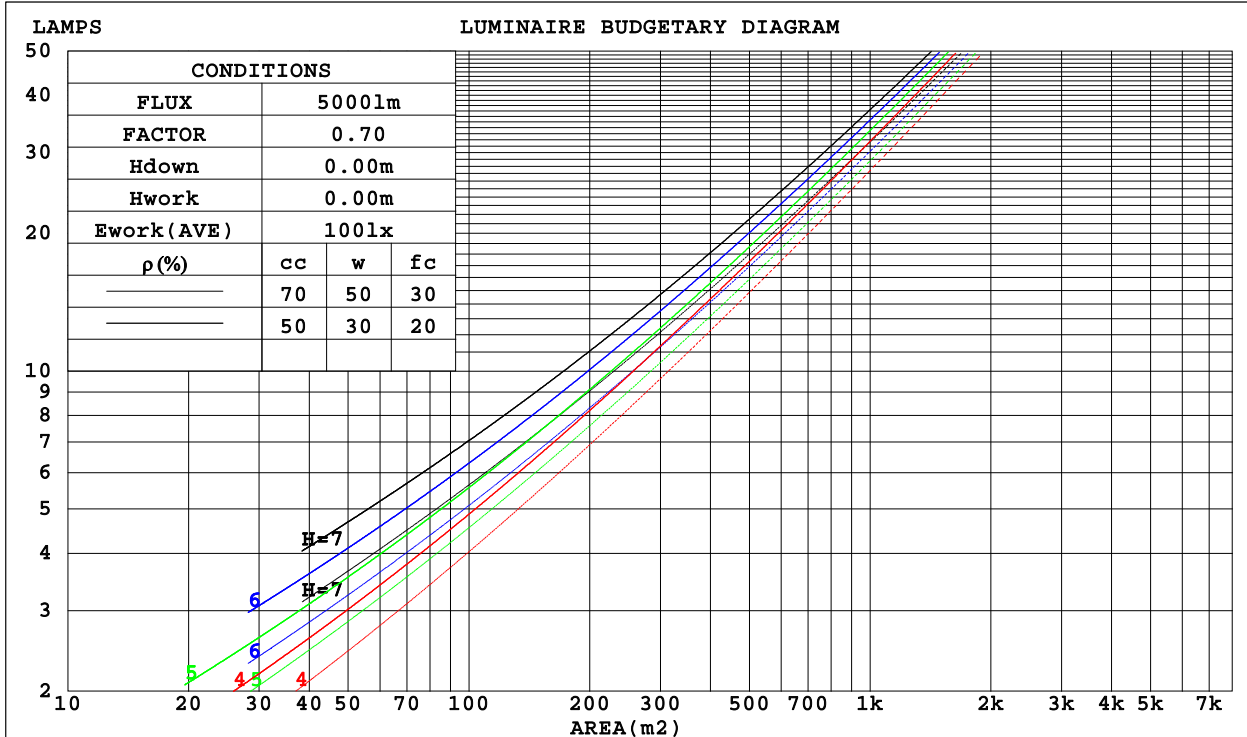
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

| 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 | 1.05 | 1.01 | .97 | 1.02 | .99 | .95 | .98 | .95 | .92 | .94 | .92 | .90 | .91 | .89 | .87 | .85 |
| 2.0 | .92 | .85 | .79 | .90 | .84 | .78 | .86 | .81 | .77 | .83 | .79 | .75 | .80 | .76 | .73 | .71 |
| 3.0 | .81 | .73 | .66 | .79 | .72 | .66 | .76 | .70 | .64 | .73 | .68 | .63 | .71 | .66 | .62 | .60 |
| 4.0 | .71 | .63 | .56 | .70 | .62 | .56 | .68 | .61 | .55 | .65 | .59 | .54 | .63 | .58 | .54 | .51 |
| 5.0 | .64 | .55 | .48 | .63 | .54 | .48 | .61 | .53 | .48 | .59 | .52 | .47 | .57 | .51 | .47 | .45 |
| 6.0 | .58 | .49 | .42 | .57 | .48 | .42 | .55 | .47 | .42 | .53 | .46 | .41 | .52 | .46 | .41 | .39 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .50 | .42 | .37 | .48 | .42 | .37 | .47 | .41 | .36 | .34 |
| 8.0 | .48 | .39 | .33 | .47 | .39 | .33 | .46 | .38 | .33 | .44 | .38 | .33 | .43 | .37 | .33 | .31 |
| 9.0 | .44 | .36 | .30 | .43 | .35 | .30 | .42 | .35 | .30 | .41 | .34 | .30 | .40 | .34 | .29 | .28 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .27 | .25 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .294 | .167 | .053 | .287 | .164 | .052 | .274 | .157 | .050 | .262 | .151 | .048 | .251 | .145 | .047 | |
| 2.0 | .281 | .154 | .047 | .275 | .151 | .047 | .263 | .146 | .045 | .253 | .142 | .044 | .243 | .137 | .043 | |
| 3.0 | .262 | .140 | .042 | .257 | .138 | .041 | .247 | .134 | .041 | .237 | .130 | .040 | .228 | .126 | .039 | |
| 4.0 | .243 | .127 | .037 | .239 | .125 | .037 | .230 | .122 | .036 | .221 | .119 | .036 | .213 | .116 | .035 | |
| 5.0 | .226 | .115 | .033 | .222 | .114 | .033 | .214 | .111 | .033 | .206 | .109 | .032 | .199 | .106 | .032 | |
| 6.0 | .210 | .105 | .030 | .206 | .104 | .030 | .199 | .102 | .030 | .193 | .100 | .029 | .186 | .098 | .029 | |
| 7.0 | .196 | .097 | .027 | .193 | .096 | .027 | .186 | .094 | .027 | .180 | .092 | .027 | .175 | .091 | .027 | |
| 8.0 | .184 | .090 | .025 | .181 | .089 | .025 | .175 | .087 | .025 | .169 | .086 | .025 | .164 | .084 | .025 | |
| 9.0 | .172 | .083 | .023 | .170 | .083 | .023 | .164 | .081 | .023 | .159 | .080 | .023 | .155 | .079 | .023 | |
| 10.0 | .162 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .151 | .075 | .021 | .146 | .074 | .021 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--------------------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 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 | .179 | .156 | .136 | .153 | .134 | .117 | .105 | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 | |
| 2.0 | .171 | .132 | .099 | .146 | .114 | .086 | .100 | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .163 | .114 | .075 | .140 | .099 | .065 | .096 | .068 | .046 | .055 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .155 | .101 | .059 | .133 | .087 | .051 | .092 | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .148 | .090 | .048 | .127 | .078 | .042 | .088 | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 | |
| 6.0 | .141 | .082 | .040 | .121 | .071 | .035 | .084 | .050 | .024 | .049 | .029 | .015 | .016 | .010 | .005 | |
| 7.0 | .134 | .075 | .034 | .116 | .065 | .029 | .080 | .046 | .021 | .046 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .128 | .069 | .029 | .110 | .060 | .025 | .076 | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .122 | .064 | .025 | .105 | .056 | .022 | .073 | .039 | .016 | .042 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .116 | .060 | .023 | .100 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|----------------------------------------------------------------------------------|------------------|------|------|------|---------------|----------------|------|-------------|------|------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | | | | | | | | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.:1000*6mm | | | | | |
| 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 | 22.2 | 23.7 | 22.5 | 23.9 | 24.1 | 22.7 | 24.2 | 23.0 | 24.4 | 24.6 |
| 3H | 23.7 | 25.1 | 24.0 | 25.3 | 25.5 | 24.4 | 25.8 | 24.7 | 26.0 | 26.3 |
| 4H | 24.3 | 25.6 | 24.6 | 25.8 | 26.1 | 25.1 | 26.4 | 25.4 | 26.6 | 26.9 |
| 6H | 24.6 | 25.9 | 25.0 | 26.1 | 26.4 | 25.4 | 26.6 | 25.7 | 26.9 | 27.2 |
| 8H | 24.7 | 25.9 | 25.1 | 26.2 | 26.5 | 25.4 | 26.6 | 25.7 | 26.9 | 27.2 |
| 12H | 24.7 | 25.9 | 25.1 | 26.2 | 26.5 | 25.4 | 26.5 | 25.7 | 26.8 | 27.1 |
| 4H 2H | 22.9 | 24.2 | 23.2 | 24.5 | 24.7 | 23.3 | 24.6 | 23.6 | 24.9 | 25.1 |
| 3H | 24.6 | 25.7 | 24.9 | 26.0 | 26.3 | 25.2 | 26.3 | 25.5 | 26.6 | 26.9 |
| 4H | 25.3 | 26.3 | 25.7 | 26.6 | 27.0 | 26.0 | 27.0 | 26.4 | 27.3 | 27.7 |
| 6H | 25.8 | 26.7 | 26.2 | 27.0 | 27.4 | 26.4 | 27.3 | 26.8 | 27.7 | 28.0 |
| 8H | 25.9 | 26.8 | 26.3 | 27.1 | 27.5 | 26.4 | 27.3 | 26.8 | 27.6 | 28.0 |
| 12H | 26.0 | 26.8 | 26.4 | 27.1 | 27.5 | 26.4 | 27.2 | 26.9 | 27.6 | 28.0 |
| 8H 4H | 25.6 | 26.5 | 26.0 | 26.8 | 27.2 | 26.2 | 27.1 | 26.6 | 27.4 | 27.8 |
| 6H | 26.2 | 27.0 | 26.7 | 27.4 | 27.8 | 26.7 | 27.4 | 27.2 | 27.8 | 28.3 |
| 8H | 26.5 | 27.1 | 26.9 | 27.5 | 28.0 | 26.8 | 27.4 | 27.3 | 27.9 | 28.3 |
| 12H | 26.6 | 27.1 | 27.1 | 27.6 | 28.0 | 26.8 | 27.4 | 27.3 | 27.8 | 28.3 |
| 12H 4H | 25.6 | 26.4 | 26.0 | 26.8 | 27.2 | 26.2 | 27.0 | 26.7 | 27.4 | 27.8 |
| 6H | 26.3 | 26.9 | 26.7 | 27.3 | 27.8 | 26.8 | 27.4 | 27.2 | 27.8 | 28.3 |
| 8H | 26.5 | 27.1 | 27.0 | 27.5 | 28.0 | 26.8 | 27.4 | 27.3 | 27.8 | 28.3 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 239.3 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -5.0)
 Area: 0.006 m2

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

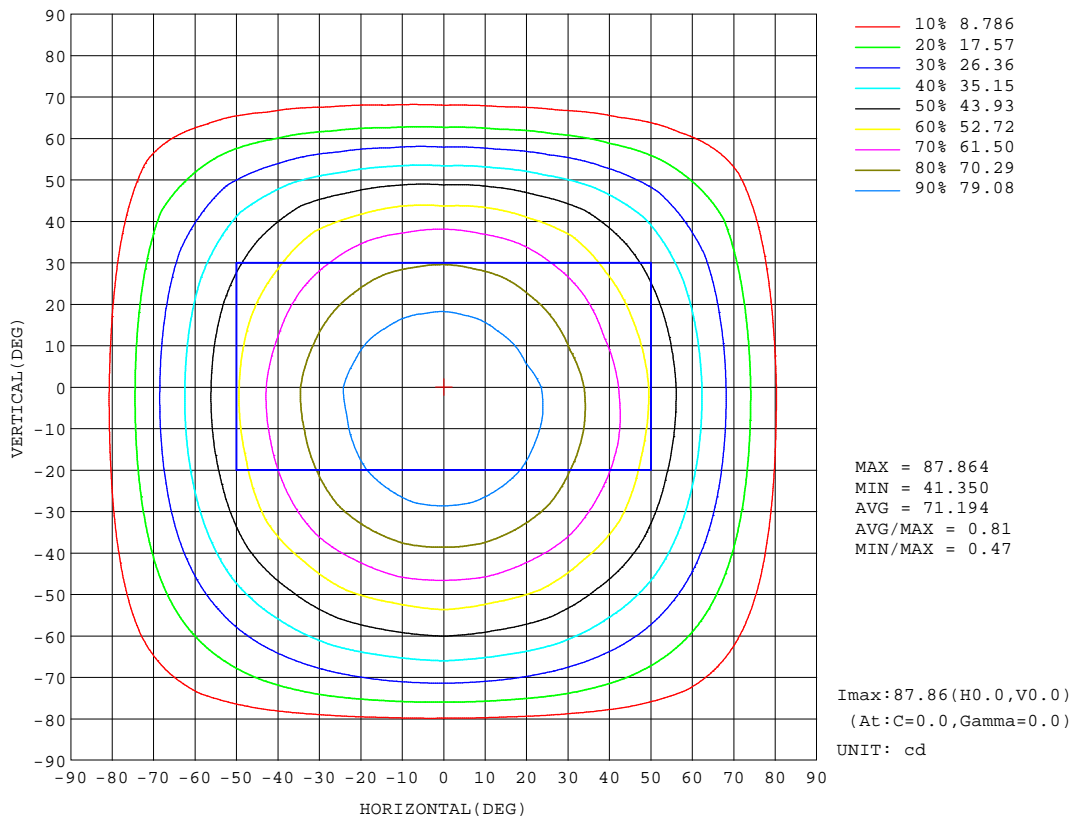
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|----------------------------------------------|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 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 | 58 | 47 | 40 | 58 | 47 | 40 | 56 | 46 | 40 | 33 |
| 0.80 | 69 | 57 | 50 | 68 | 57 | 50 | 66 | 56 | 49 | 43 |
| 1.00 | 77 | 66 | 59 | 76 | 66 | 59 | 74 | 67 | 58 | 51 |
| 1.25 | 84 | 74 | 67 | 83 | 73 | 67 | 80 | 72 | 66 | 59 |
| 1.50 | 89 | 80 | 73 | 88 | 79 | 72 | 85 | 77 | 71 | 64 |
| 2.00 | 96 | 88 | 82 | 94 | 87 | 81 | 91 | 84 | 79 | 72 |
| 2.50 | 100 | 92 | 87 | 98 | 91 | 86 | 94 | 88 | 84 | 76 |
| 3.00 | 103 | 97 | 91 | 101 | 95 | 90 | 97 | 92 | 88 | 80 |
| 4.00 | 107 | 102 | 97 | 105 | 100 | 96 | 100 | 96 | 93 | 84 |
| 5.00 | 109 | 105 | 101 | 107 | 103 | 99 | 102 | 99 | 96 | 87 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |



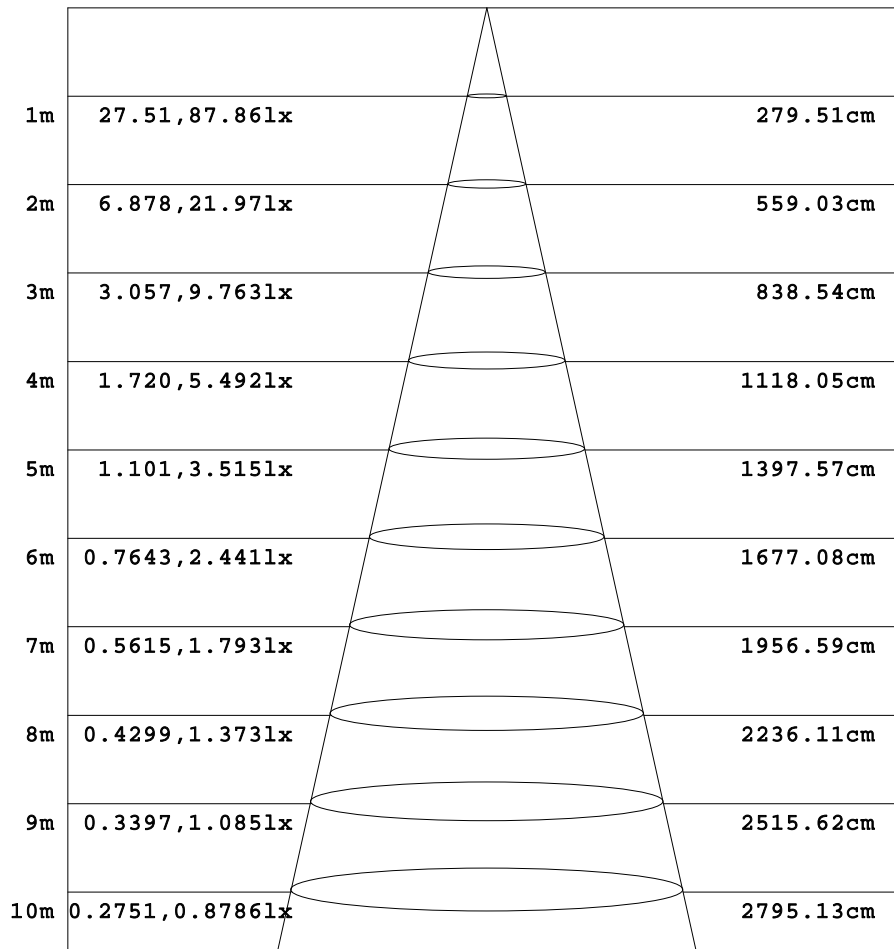
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

Flux out:176.3 lm



Height Eavg, Emax Angle:108.83deg Diameter

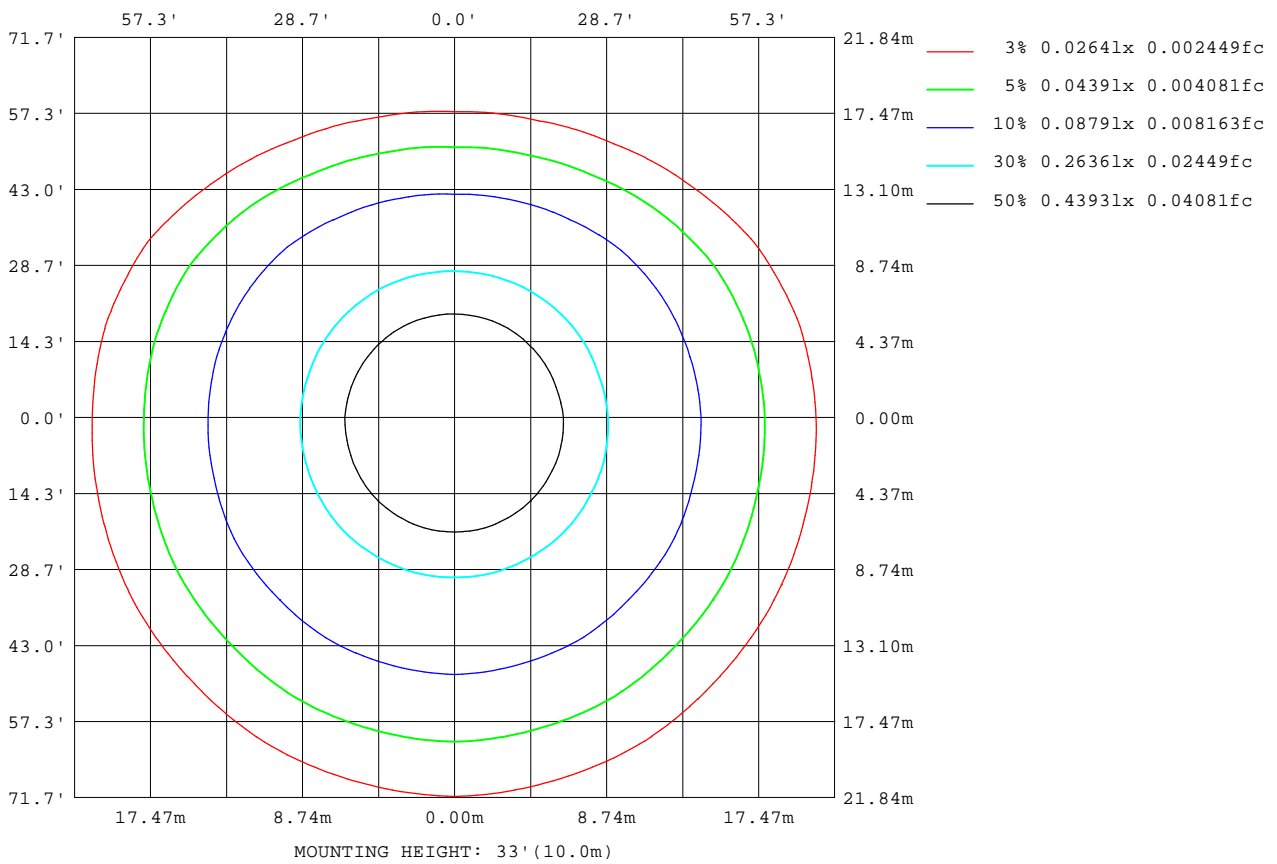
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

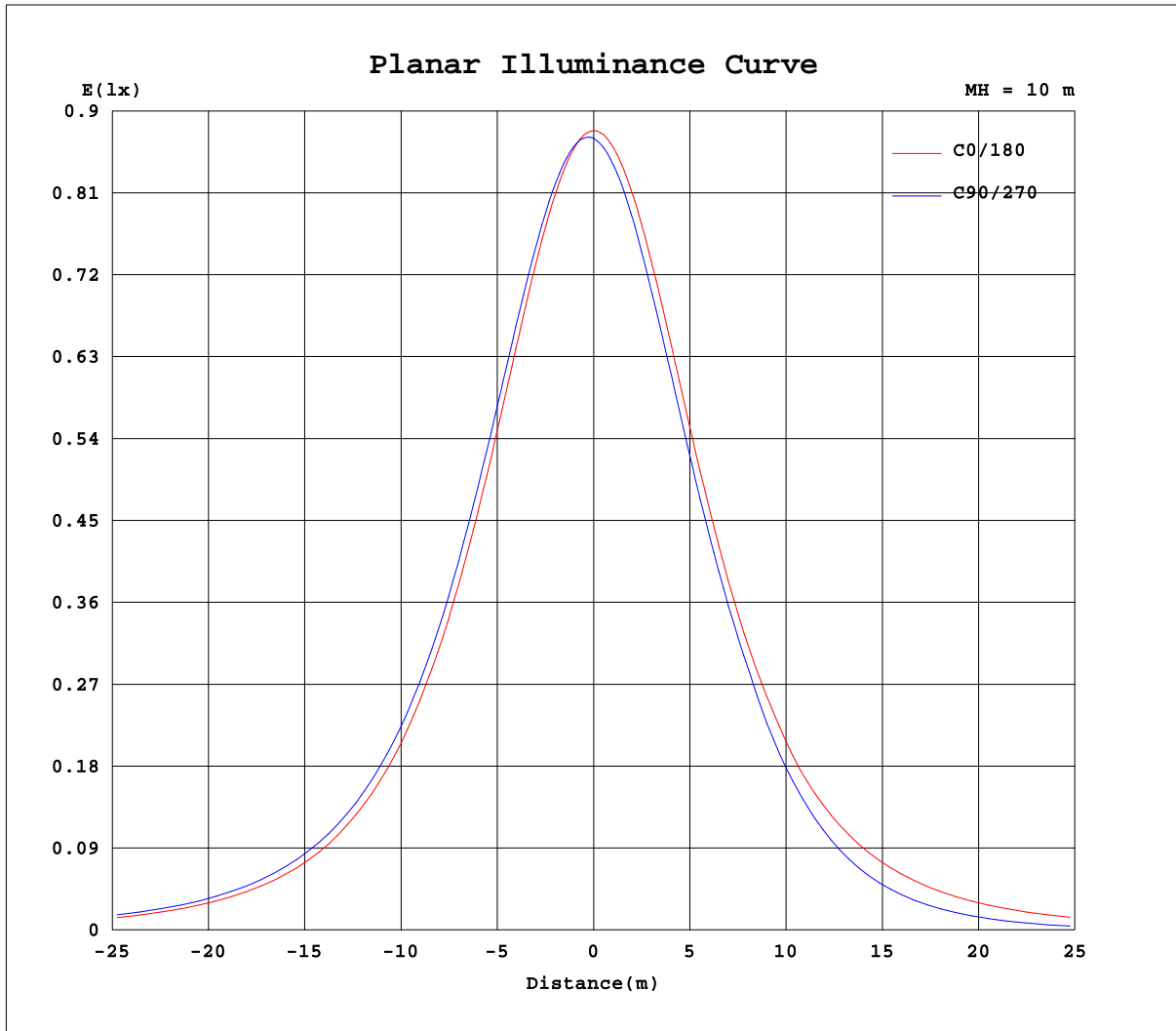
| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: XIAOMI
 Test Date: 2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: XIAOMI
Test Date: 2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-3000H_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

Table--1

UNIT: cd

| C(DEC) γ (DEC) | 0 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 87.9 | 87.6 | 87.4 | 87.3 | 87.2 | 87.0 | 87.0 | 87.0 | 86.9 | 86.8 | 86.8 | 86.7 | 87.9 | 87.6 | 87.4 | 87.3 | 87.2 | 87.0 | 87.0 |
| 5 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.3 | 87.1 | 86.9 | 86.7 | 87.5 | 87.0 | 86.6 | 86.3 | 86.1 | 85.8 | 85.7 |
| 10 | 86.2 | 86.4 | 86.6 | 86.9 | 87.0 | 87.1 | 87.2 | 87.1 | 86.9 | 86.6 | 86.2 | 85.8 | 86.4 | 85.6 | 85.2 | 84.6 | 84.3 | 83.9 | 83.8 |
| 15 | 84.2 | 84.7 | 85.0 | 85.5 | 85.7 | 86.0 | 86.0 | 86.0 | 85.6 | 85.3 | 84.7 | 84.1 | 84.5 | 83.5 | 82.9 | 82.2 | 81.7 | 81.1 | 81.0 |
| 20 | 81.4 | 82.1 | 82.6 | 83.3 | 83.7 | 84.1 | 84.1 | 84.1 | 83.6 | 83.2 | 82.4 | 81.7 | 81.9 | 80.7 | 80.0 | 79.0 | 78.5 | 78.0 | 77.9 |
| 25 | 78.0 | 78.9 | 79.5 | 80.4 | 80.9 | 81.4 | 81.5 | 81.5 | 80.9 | 80.4 | 79.4 | 78.6 | 78.5 | 77.2 | 76.3 | 75.3 | 74.9 | 74.3 | 74.2 |
| 30 | 73.9 | 75.0 | 75.7 | 76.8 | 77.4 | 78.0 | 78.1 | 78.1 | 77.4 | 76.9 | 75.7 | 74.7 | 74.5 | 73.0 | 72.1 | 71.1 | 70.7 | 70.0 | 69.9 |
| 35 | 69.2 | 70.4 | 71.2 | 72.5 | 73.1 | 73.9 | 73.9 | 74.0 | 73.3 | 72.7 | 71.4 | 70.3 | 69.8 | 68.3 | 67.4 | 66.5 | 65.9 | 65.0 | 64.9 |
| 40 | 64.0 | 65.3 | 66.2 | 67.6 | 68.2 | 68.9 | 68.9 | 69.0 | 68.3 | 67.8 | 66.4 | 65.2 | 64.7 | 63.1 | 62.4 | 61.2 | 60.6 | 59.4 | 58.7 |
| 45 | 58.2 | 59.6 | 60.7 | 62.3 | 62.8 | 63.6 | 63.4 | 63.6 | 62.7 | 62.3 | 61.0 | 59.4 | 58.7 | 57.4 | 55.8 | 55.5 | 53.4 | 52.1 | 50.5 |
| 50 | 52.1 | 52.6 | 54.5 | 54.8 | 56.4 | 56.4 | 57.4 | 56.5 | 56.6 | 55.1 | 54.9 | 52.7 | 51.9 | 51.3 | 49.9 | 49.1 | 45.6 | 43.2 | 41.6 |
| 55 | 45.4 | 46.1 | 47.8 | 48.2 | 49.9 | 50.1 | 51.0 | 50.2 | 50.1 | 48.6 | 48.3 | 46.3 | 45.4 | 44.8 | 43.5 | 41.3 | 36.6 | 33.5 | 31.9 |
| 60 | 38.5 | 39.2 | 40.7 | 41.4 | 42.9 | 43.2 | 44.1 | 43.4 | 43.2 | 41.7 | 41.2 | 39.6 | 38.6 | 38.1 | 36.6 | 32.3 | 27.0 | 23.7 | 22.4 |
| 65 | 31.2 | 32.0 | 33.3 | 34.1 | 35.6 | 36.0 | 36.7 | 36.1 | 35.9 | 34.6 | 33.9 | 32.6 | 31.5 | 31.1 | 28.5 | 22.5 | 17.7 | 14.7 | 13.5 |
| 70 | 23.6 | 24.6 | 25.5 | 26.6 | 27.6 | 28.3 | 28.8 | 28.5 | 27.9 | 27.1 | 26.1 | 25.2 | 24.1 | 23.6 | 19.3 | 13.4 | 9.23 | 6.84 | 5.93 |
| 75 | 16.2 | 17.0 | 18.0 | 18.9 | 19.6 | 19.7 | 19.8 | 19.9 | 20.0 | 19.4 | 18.6 | 17.8 | 16.8 | 16.2 | 10.4 | 5.51 | 2.70 | 1.59 | 1.40 |
| 80 | 9.16 | 9.81 | 10.7 | 10.4 | 9.44 | 8.63 | 8.49 | 8.82 | 9.85 | 11.0 | 11.4 | 10.8 | 9.74 | 7.98 | 3.05 | 0.98 | 0.82 | 0.81 | 0.82 |
| 85 | 3.20 | 3.80 | 2.90 | 2.46 | 2.69 | 2.89 | 2.97 | 2.86 | 2.70 | 2.56 | 3.56 | 4.88 | 3.80 | 1.50 | 0.61 | 0.58 | 0.58 | 0.54 | 0.52 |
| 90 | 0.18 | 0.32 | 0.49 | 0.63 | 0.78 | 0.88 | 0.94 | 0.88 | 0.86 | 0.80 | 0.83 | 1.31 | 0.68 | 0.44 | 0.33 | 0.24 | 0.18 | 0.14 | 0.13 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|----------------------------------------------------------------------------------|---------------|-------------|
| Test:U:24.016V I:0.4072A P:9.7783W PF:1.0000 Freq:50.00Hz Lamp Flux:239.274x1 lm | | |
| NAME: UN-BJ-DC24-2835-168-9.6-9xx-0612-C-IP65 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.:1000*6mm | |

Table--2

UNIT: cd

| C(DEG) γ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | |
|--------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 87.0 | 86.9 | 86.8 | 86.8 | 86.7 | | | | | | | | | | |
| 5 | 85.7 | 85.8 | 85.7 | 85.9 | 86.0 | | | | | | | | | | |
| 10 | 83.7 | 83.9 | 83.9 | 84.3 | 84.6 | | | | | | | | | | |
| 15 | 80.9 | 81.2 | 81.4 | 82.0 | 82.4 | | | | | | | | | | |
| 20 | 77.7 | 78.0 | 78.2 | 78.9 | 79.5 | | | | | | | | | | |
| 25 | 74.0 | 74.4 | 74.5 | 75.2 | 75.9 | | | | | | | | | | |
| 30 | 69.7 | 70.1 | 70.2 | 71.0 | 71.8 | | | | | | | | | | |
| 35 | 64.7 | 65.3 | 65.5 | 66.3 | 67.0 | | | | | | | | | | |
| 40 | 59.0 | 59.5 | 60.2 | 61.2 | 61.8 | | | | | | | | | | |
| 45 | 51.5 | 52.5 | 54.4 | 54.6 | 56.1 | | | | | | | | | | |
| 50 | 42.6 | 44.5 | 47.7 | 48.6 | 50.1 | | | | | | | | | | |
| 55 | 32.9 | 35.4 | 39.6 | 42.2 | 43.7 | | | | | | | | | | |
| 60 | 23.1 | 25.8 | 30.4 | 34.9 | 37.0 | | | | | | | | | | |
| 65 | 14.1 | 16.5 | 20.7 | 26.5 | 29.8 | | | | | | | | | | |
| 70 | 6.34 | 8.21 | 11.7 | 17.2 | 22.4 | | | | | | | | | | |
| 75 | 1.44 | 2.03 | 4.20 | 8.50 | 14.5 | | | | | | | | | | |
| 80 | 0.79 | 0.74 | 0.73 | 1.79 | 6.23 | | | | | | | | | | |
| 85 | 0.51 | 0.51 | 0.48 | 0.43 | 0.60 | | | | | | | | | | |
| 90 | 0.14 | 0.15 | 0.17 | 0.19 | 0.21 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:XIAOMI
 Test Date:2023-04-28

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-3000H_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:9.000m [K=1.0000]
 Remarks: