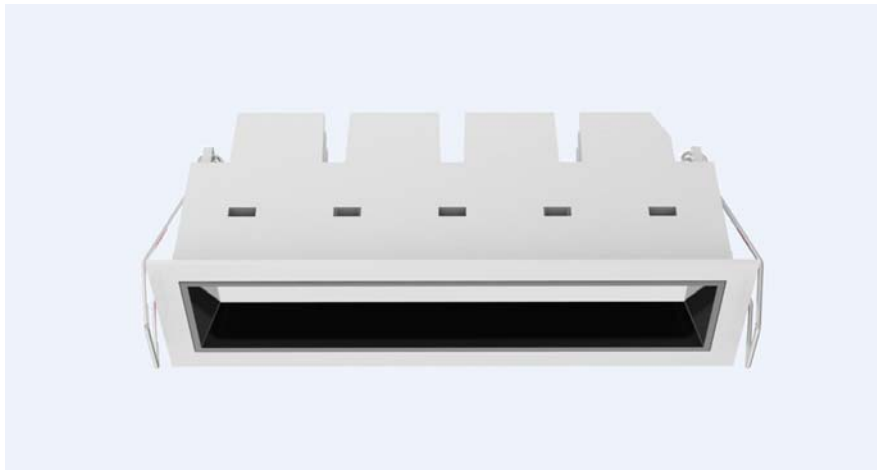


FG5-11W-930



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 12.74 W | |
| SHR Nominal: | 1.00 | Calculated using the TM5 |
| SHR Maximum: | 1.05 | fine grid method. |

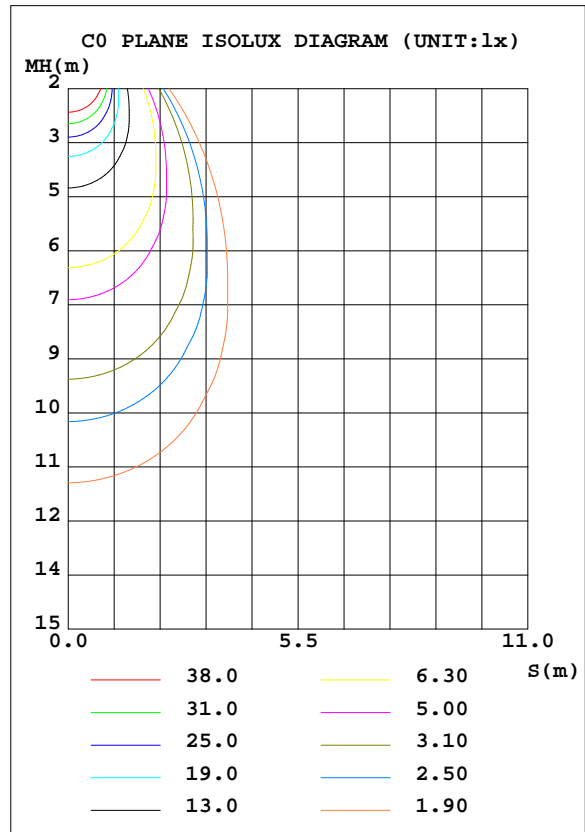
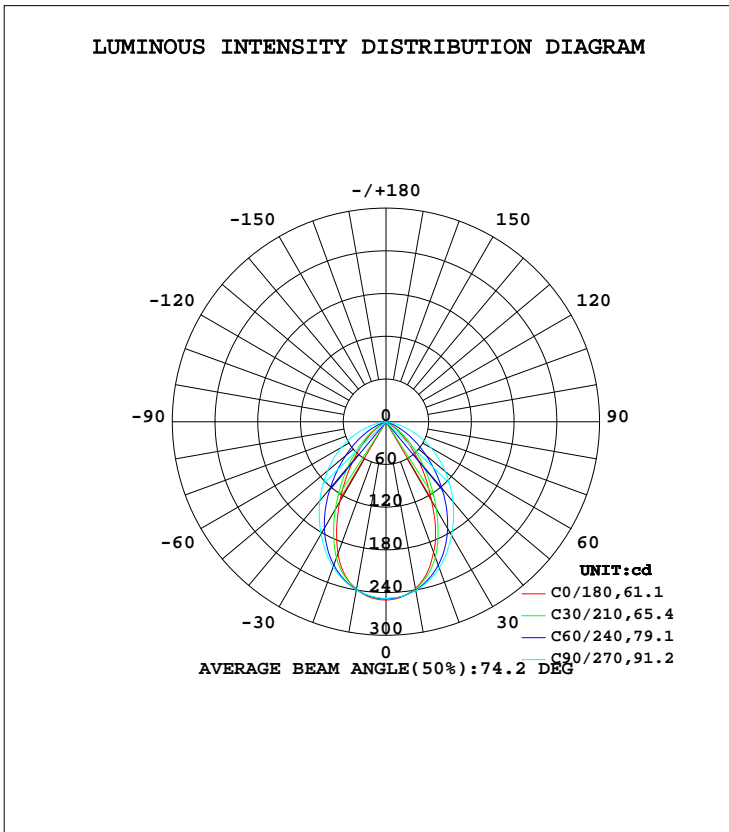
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 29.69 lm/W | | | |
|------------------|-------------|----------------------------------|--------|--------------------|----------|
| MODEL | OSRAM-3000K | I _{max} (cd) | 250.4 | S/MH(C0/180) | 0.92 |
| NOMINAL POWER(W) | 13.0 | LOR(%) | 100.0 | S/MH(C90/270) | 1.11 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 378.28 | η UP, DN(C0-180) | 0.0,50.1 |
| NOMINAL FLUX(lm) | 378.281 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0,49.9 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 220 | η down(%) | 100.0 | CIBSE SHR MAX | 1.05 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [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 | 237.7 | 239.4 | 240.7 | 238.5 | 239.0 | 238.9 | 239.9 | 237.1 | 0- 10 | 23.24 | 23.24 | 6.14,6.14 |
| 20 | 195.5 | 209.6 | 218.4 | 210.0 | 197.3 | 209.1 | 217.1 | 208.1 | 10- 20 | 63.36 | 86.60 | 22.9,22.9 |
| 30 | 127.9 | 157.7 | 184.2 | 160.1 | 130.2 | 156.9 | 182.5 | 158.4 | 20- 30 | 84.24 | 170.8 | 45.2,45.2 |
| 40 | 70.89 | 99.80 | 146.4 | 102.9 | 72.55 | 99.79 | 144.6 | 102.1 | 30- 40 | 81.64 | 252.5 | 66.7,66.7 |
| 50 | 30.33 | 53.11 | 108.8 | 56.02 | 31.29 | 53.11 | 107.0 | 55.61 | 40- 50 | 63.88 | 316.4 | 83.6,83.6 |
| 60 | 4.125 | 19.34 | 72.89 | 21.27 | 4.572 | 19.36 | 72.20 | 21.57 | 50- 60 | 39.83 | 356.2 | 94.2,94.2 |
| 70 | 0.8875 | 0.1640 | 38.07 | 0.1530 | 0.7848 | 0.2210 | 38.49 | 0.2092 | 60- 70 | 17.17 | 373.4 | 98.7,98.7 |
| 80 | 0.8551 | 0.0959 | 8.088 | 0.0611 | 0.7675 | 0.1249 | 9.128 | 0.1291 | 70- 80 | 4.630 | 378.0 | 99.9,99.9 |
| 90 | 0.1968 | 0.0197 | 0.0590 | 0.0197 | 0.2208 | 0.0131 | 0.0415 | 0.0175 | 80- 90 | 0.2893 | 378.3 | 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): 287.24 lm

%lum = 75.9%

%lamp = 75.9%

Conical surface Flux(120deg): 356.2 lm

%lum = 94.2%

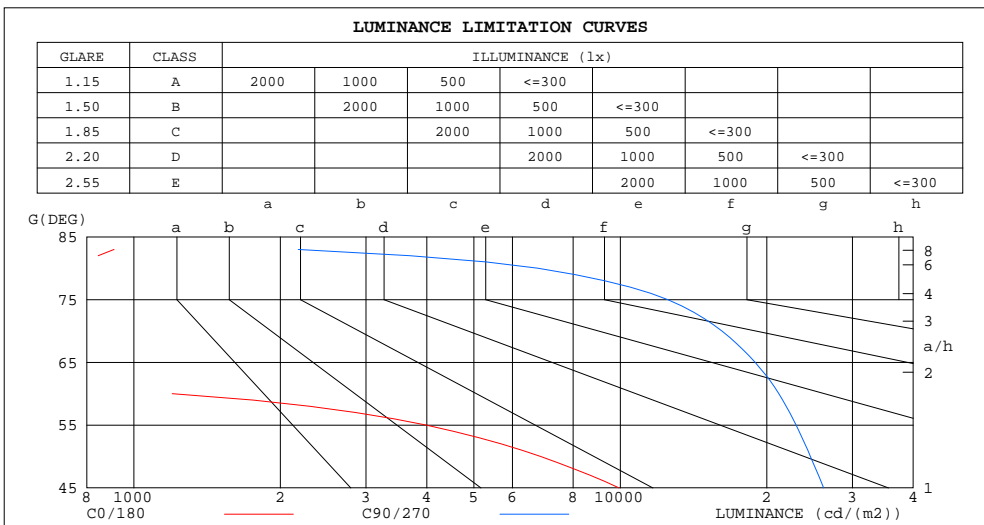
%lamp = 94.2%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.281x1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 69 | 148 |
| 80 | 715 | 6765 |
| 75 | 526 | 12504 |
| 70 | 377 | 16169 |
| 65 | 262 | 18935 |
| 60 | 1198 | 21172 |
| 55 | 3986 | 22984 |
| 50 | 6853 | 24592 |
| 45 | 9943 | 26182 |

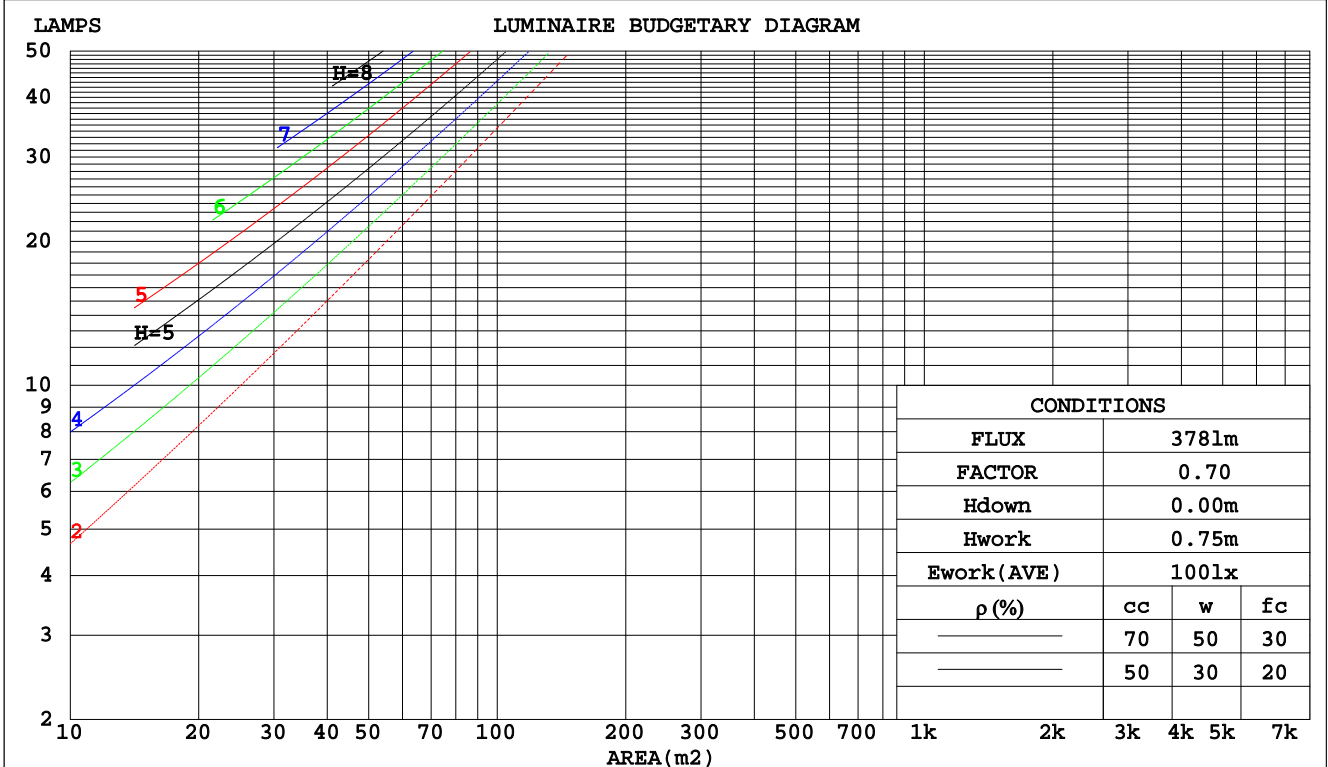
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pw | | | | | | | | | | | | | | | | 0 |
| pfc | 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 | 1.08 | 1.05 | 1.02 | 1.06 | 1.03 | 1.01 | 1.02 | .90 | .98 | .98 | .96 | .95 | .95 | .93 | .92 | .90 |
| 2.0 | .98 | .93 | .88 | .96 | .91 | .87 | .93 | .89 | .85 | .90 | .86 | .83 | .87 | .84 | .82 | .80 |
| 3.0 | .89 | .82 | .77 | .87 | .81 | .76 | .84 | .79 | .75 | .82 | .78 | .74 | .79 | .76 | .73 | .71 |
| 4.0 | .81 | .74 | .68 | .79 | .73 | .68 | .77 | .71 | .67 | .75 | .70 | .66 | .73 | .69 | .65 | .63 |
| 5.0 | .74 | .66 | .61 | .73 | .66 | .60 | .71 | .64 | .60 | .69 | .63 | .59 | .67 | .62 | .59 | .57 |
| 6.0 | .67 | .60 | .55 | .67 | .60 | .54 | .65 | .59 | .54 | .63 | .58 | .54 | .62 | .57 | .53 | .51 |
| 7.0 | .62 | .55 | .49 | .61 | .54 | .49 | .60 | .54 | .49 | .59 | .53 | .49 | .57 | .52 | .48 | .47 |
| 8.0 | .58 | .50 | .45 | .57 | .50 | .45 | .56 | .49 | .45 | .54 | .49 | .45 | .53 | .48 | .44 | .43 |
| 9.0 | .53 | .46 | .41 | .53 | .46 | .41 | .52 | .46 | .41 | .51 | .45 | .41 | .50 | .45 | .41 | .39 |
| 10.0 | .50 | .43 | .38 | .49 | .43 | .38 | .48 | .42 | .38 | .48 | .42 | .38 | .47 | .41 | .38 | .36 |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.281x1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .226 | .128 | .041 | .219 | .125 | .040 | .206 | .118 | .038 | .194 | .112 | .036 | .183 | .106 | .034 | |
| 2.0 | .220 | .121 | .037 | .215 | .118 | .036 | .204 | .113 | .035 | .193 | .108 | .034 | .184 | .104 | .033 | |
| 3.0 | .210 | .112 | .034 | .205 | .110 | .033 | .196 | .106 | .032 | .187 | .102 | .031 | .179 | .099 | .031 | |
| 4.0 | .199 | .104 | .030 | .195 | .102 | .030 | .186 | .099 | .030 | .179 | .096 | .029 | .171 | .093 | .028 | |
| 5.0 | .189 | .096 | .028 | .185 | .095 | .028 | .177 | .092 | .027 | .170 | .090 | .027 | .164 | .087 | .026 | |
| 6.0 | .178 | .089 | .026 | .175 | .088 | .025 | .168 | .086 | .025 | .162 | .084 | .025 | .156 | .082 | .024 | |
| 7.0 | .168 | .083 | .024 | .165 | .082 | .023 | .159 | .081 | .023 | .154 | .079 | .023 | .149 | .077 | .023 | |
| 8.0 | .160 | .078 | .022 | .157 | .077 | .022 | .151 | .076 | .022 | .146 | .074 | .021 | .142 | .073 | .021 | |
| 9.0 | .151 | .073 | .020 | .149 | .073 | .020 | .144 | .071 | .020 | .139 | .070 | .020 | .135 | .069 | .020 | |
| 10.0 | .144 | .069 | .019 | .141 | .068 | .019 | .137 | .067 | .019 | .133 | .066 | .019 | .129 | .065 | .019 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 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 | .174 | .157 | .141 | .149 | .135 | .121 | .102 | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .163 | .132 | .107 | .139 | .114 | .092 | .096 | .079 | .064 | .055 | .046 | .038 | .018 | .015 | .012 | |
| 3.0 | .153 | .114 | .083 | .131 | .098 | .072 | .090 | .068 | .050 | .052 | .040 | .030 | .017 | .013 | .010 | |
| 4.0 | .145 | .100 | .066 | .124 | .086 | .057 | .085 | .060 | .040 | .049 | .035 | .024 | .016 | .011 | .008 | |
| 5.0 | .137 | .089 | .053 | .118 | .077 | .046 | .081 | .054 | .033 | .047 | .032 | .019 | .015 | .010 | .006 | |
| 6.0 | .130 | .080 | .044 | .112 | .069 | .039 | .077 | .049 | .027 | .045 | .029 | .016 | .014 | .009 | .005 | |
| 7.0 | .124 | .073 | .037 | .107 | .063 | .033 | .074 | .044 | .023 | .043 | .026 | .014 | .014 | .009 | .005 | |
| 8.0 | .118 | .067 | .032 | .102 | .058 | .028 | .070 | .041 | .020 | .041 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .113 | .062 | .028 | .097 | .054 | .024 | .067 | .038 | .017 | .039 | .022 | .010 | .013 | .007 | .003 | |
| 10.0 | .108 | .058 | .025 | .093 | .050 | .021 | .064 | .035 | .015 | .038 | .021 | .009 | .012 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

| | | | | | | | | | | |
|--|------------------|------|------|------|------|----------------|------|------|------|------|
| 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 | 20.1 | 21.3 | 20.3 | 21.5 | 21.7 | 26.6 | 27.8 | 26.8 | 28.0 | 28.2 |
| 3H | 19.9 | 21.0 | 20.1 | 21.2 | 21.4 | 27.6 | 28.7 | 27.8 | 28.9 | 29.1 |
| 4H | 19.8 | 20.8 | 20.1 | 21.1 | 21.3 | 27.8 | 28.9 | 28.1 | 29.1 | 29.4 |
| 6H | 19.7 | 20.7 | 20.0 | 20.9 | 21.2 | 27.9 | 28.9 | 28.2 | 29.1 | 29.4 |
| 8H | 19.7 | 20.6 | 20.0 | 20.9 | 21.2 | 27.8 | 28.8 | 28.2 | 29.1 | 29.4 |
| 12H | 19.6 | 20.5 | 19.9 | 20.8 | 21.1 | 27.8 | 28.7 | 28.1 | 29.0 | 29.3 |
| 4H 2H | 20.4 | 21.5 | 20.7 | 21.8 | 22.0 | 26.4 | 27.4 | 26.7 | 27.7 | 27.9 |
| 3H | 20.3 | 21.2 | 20.6 | 21.5 | 21.7 | 27.4 | 28.3 | 27.7 | 28.6 | 28.9 |
| 4H | 20.2 | 21.0 | 20.5 | 21.3 | 21.6 | 27.6 | 28.5 | 28.0 | 28.8 | 29.1 |
| 6H | 20.1 | 20.8 | 20.5 | 21.2 | 21.5 | 27.7 | 28.4 | 28.1 | 28.8 | 29.1 |
| 8H | 20.1 | 20.7 | 20.5 | 21.1 | 21.5 | 27.7 | 28.4 | 28.1 | 28.7 | 29.1 |
| 12H | 20.0 | 20.6 | 20.4 | 21.0 | 21.4 | 27.6 | 28.3 | 28.1 | 28.6 | 29.0 |
| 8H 4H | 20.1 | 20.8 | 20.5 | 21.1 | 21.5 | 27.5 | 28.2 | 27.9 | 28.5 | 28.9 |
| 6H | 20.0 | 20.6 | 20.5 | 21.0 | 21.4 | 27.6 | 28.1 | 28.0 | 28.5 | 28.9 |
| 8H | 20.0 | 20.5 | 20.4 | 20.9 | 21.3 | 27.5 | 28.0 | 28.0 | 28.5 | 28.9 |
| 12H | 19.9 | 20.4 | 20.4 | 20.8 | 21.3 | 27.5 | 27.9 | 28.0 | 28.4 | 28.8 |
| 12H 4H | 20.1 | 20.7 | 20.5 | 21.1 | 21.4 | 27.5 | 28.1 | 27.9 | 28.4 | 28.8 |
| 6H | 20.0 | 20.5 | 20.4 | 20.9 | 21.3 | 27.5 | 28.0 | 28.0 | 28.4 | 28.9 |
| 8H | 19.9 | 20.4 | 20.4 | 20.8 | 21.3 | 27.5 | 27.9 | 28.0 | 28.4 | 28.8 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.1 / - 5.3 | | | | | + 0.4 / - 0.4 | | | | |
| 1.5H | + 1.4 / - 2.3 | | | | | + 1.0 / - 1.7 | | | | |
| 2.0H | + 3.3 / -12.1 | | | | | + 2.1 / - 4.2 | | | | |

CIE Pub.117, 378.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.4)

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.281x1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

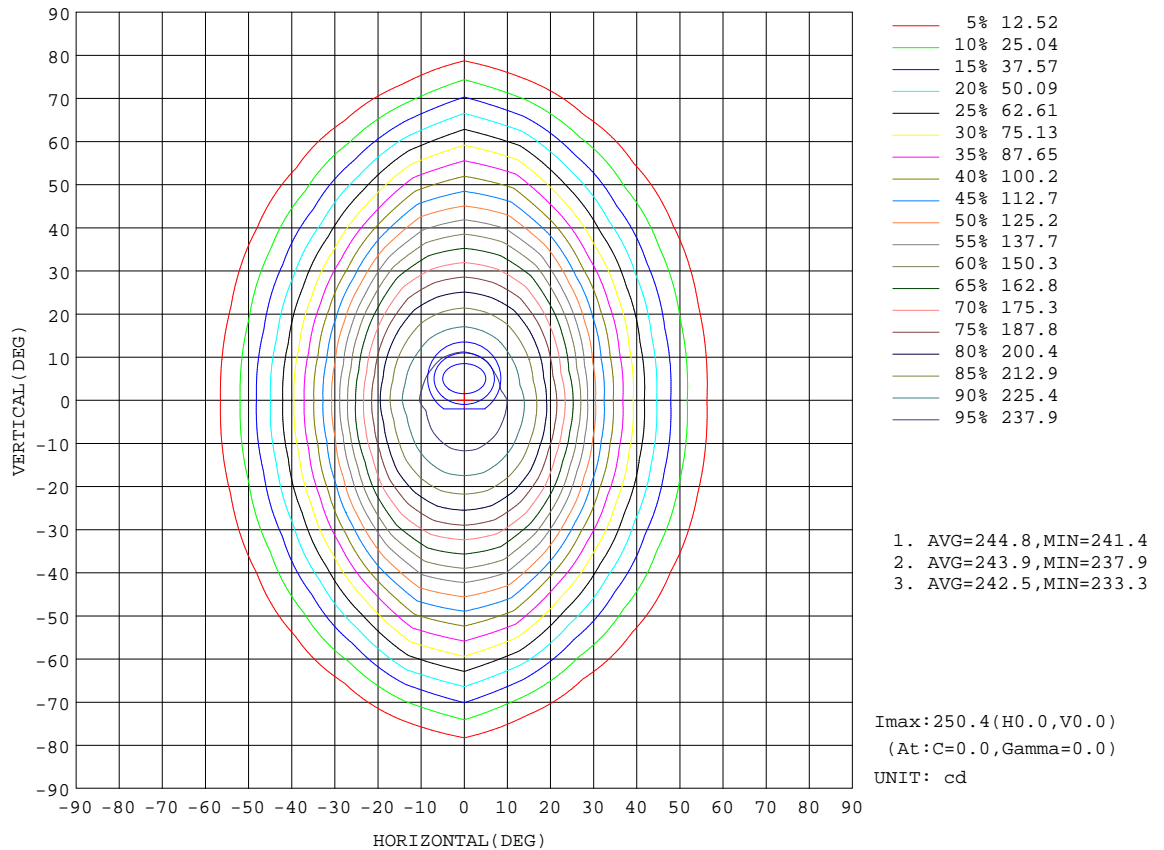
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 70 | 61 | 55 | 70 | 61 | 55 | 69 | 60 | 55 | 50 |
| 0.80 | 80 | 71 | 65 | 79 | 71 | 65 | 78 | 70 | 65 | 59 |
| 1.00 | 88 | 79 | 74 | 87 | 79 | 73 | 85 | 79 | 73 | 67 |
| 1.25 | 94 | 86 | 81 | 92 | 85 | 80 | 90 | 84 | 80 | 74 |
| 1.50 | 98 | 91 | 86 | 96 | 90 | 85 | 94 | 88 | 84 | 78 |
| 2.00 | 103 | 97 | 92 | 101 | 96 | 91 | 98 | 93 | 90 | 83 |
| 2.50 | 105 | 100 | 96 | 104 | 99 | 95 | 100 | 96 | 93 | 86 |
| 3.00 | 108 | 103 | 99 | 106 | 101 | 98 | 102 | 99 | 96 | 88 |
| 4.00 | 111 | 107 | 103 | 108 | 105 | 102 | 104 | 102 | 99 | 91 |
| 5.00 | 112 | 109 | 106 | 110 | 107 | 104 | 106 | 103 | 101 | 93 |
| 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:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |



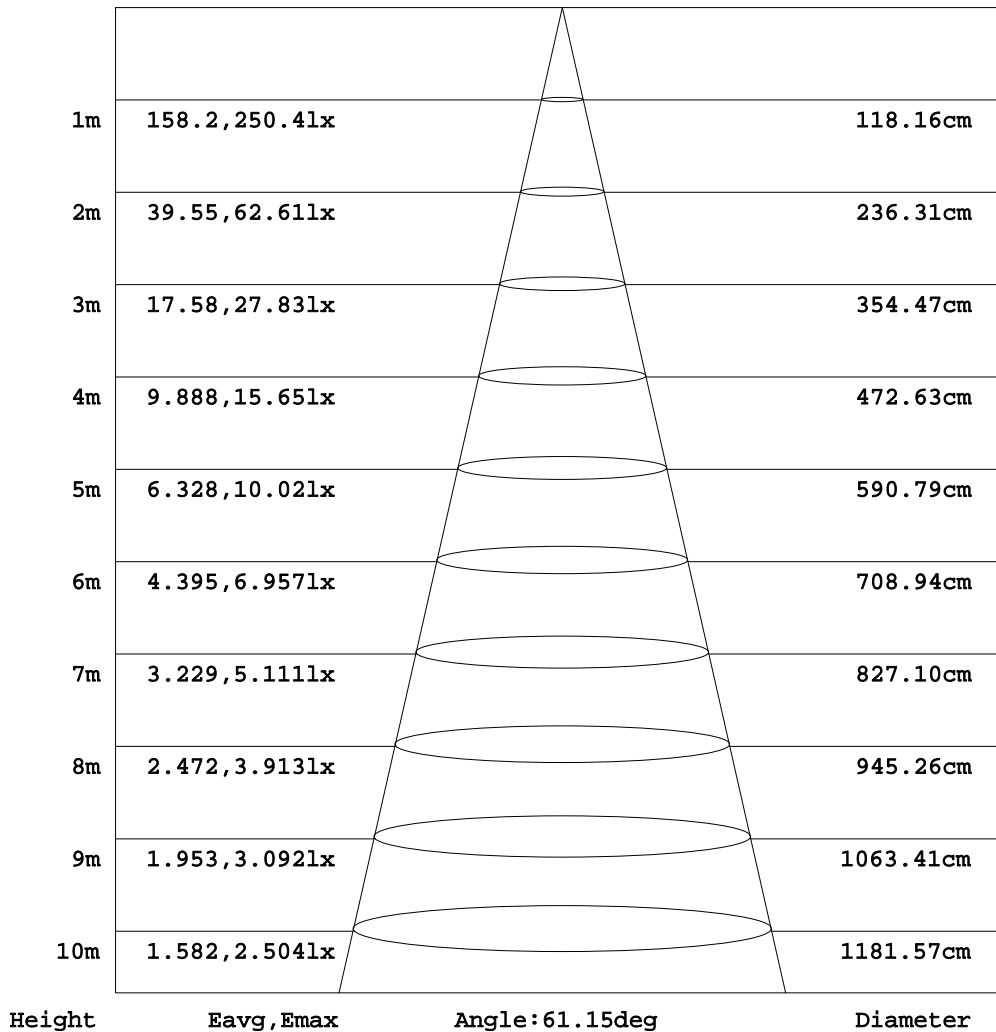
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

Flux out:179.4 lm



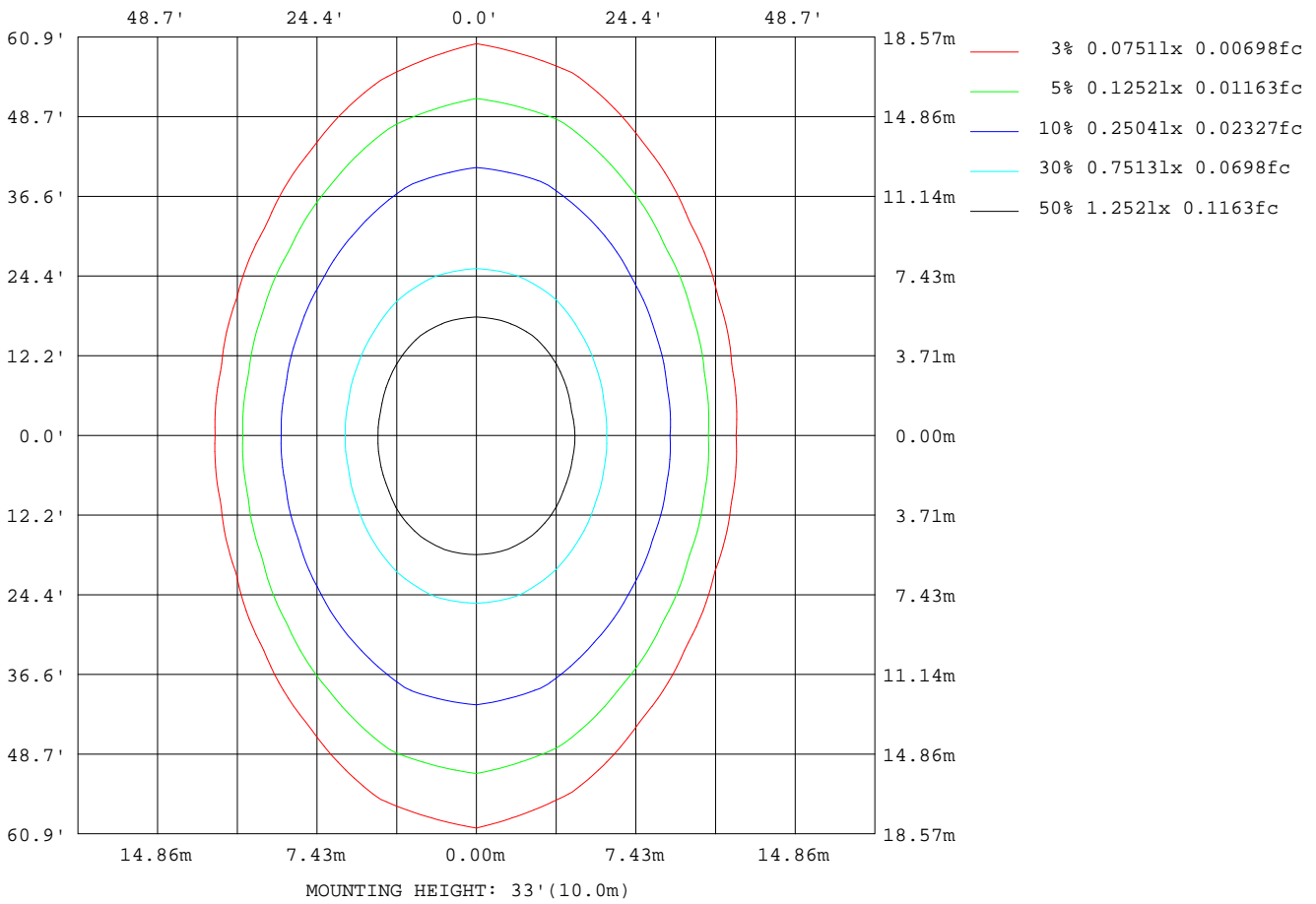
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.28lx1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Meng Yongjian
 Test Date:2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity:52%
 Test Distance:5.850m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|--------------------------|-------------|
| Test:U:220.7V I:0.0600A P:12.74W PF:0.9623 Freq:50.00Hz Lamp Flux:378.281x1 lm | | |
| NAME: FG5-11W-930 | TYPE:Downlight | SERIAL No.: |
| SPEC.:3000K | DIM.: L153mm*W45mm*H60mm | |
| MFR.: NEKO LIGHTING AG | | |

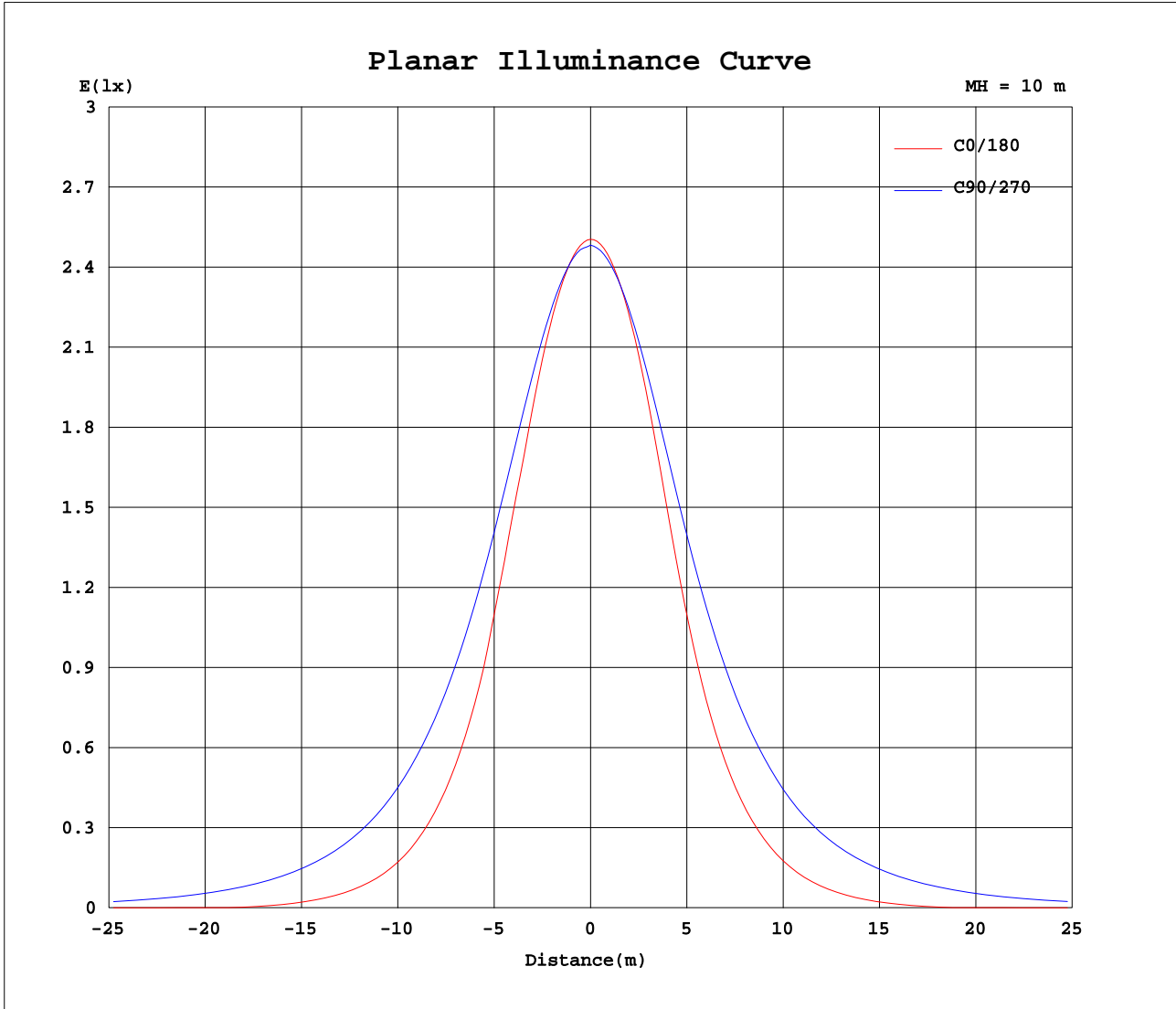
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 266 |
| L_0~180(75)av | 472 |
| L_0~180(85)av | 62 |
| L_90~270(65)av | 18945 |
| L_90~270(75)av | 12725 |
| L_90~270(85)av | 143 |
| L_45(65)av | 2823 |
| L_45(75)av | 87 |
| L_45(85)av | 43 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Meng Yongjian
Test Date:2017-05-16

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:52%
Test Distance:5.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Meng Yongjian
 Test Date: 2017-05-16

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 52%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

