

LED Recessed Ground Light EYE R-3015



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 1.948 W | |
| SHR Nominal: | 0.00 | Calculated using the TM5 |
| SHR Maximum: | 1.00 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

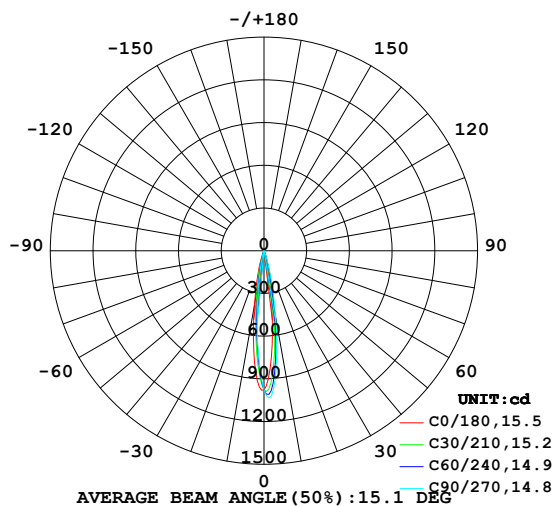
γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

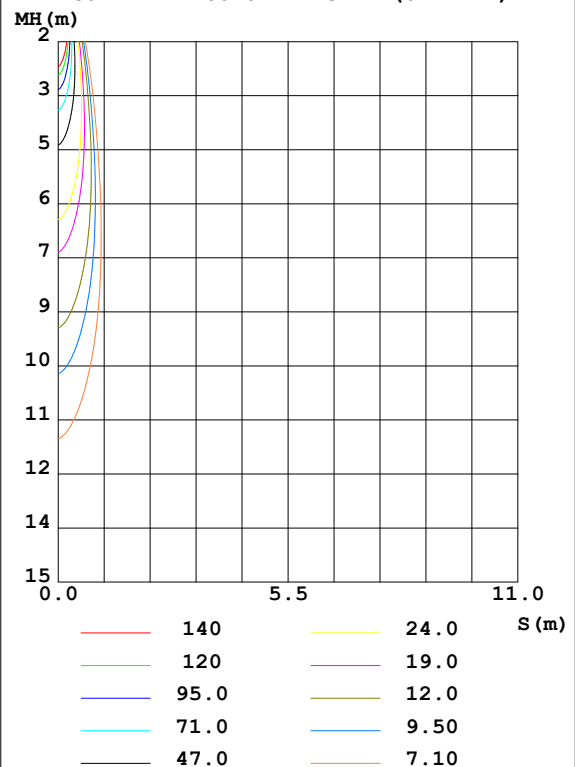
| | | |
|---|--|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 56.47 lm/W | | | |
|-------------------|------------|----------------------------------|--------|--------------------------|-----------|
| MODEL | CREE-3000K | I _{max} (cd) | 1053 | S/MH (C0/180) | 0.30 |
| NOMINAL POWER (W) | 2.0 | LOR (%) | 100.0 | S/MH (C90/270) | 0.20 |
| RATED VOLTAGE (V) | 24.0 | TOTAL FLUX (lm) | 109.98 | η UP, DN (C0-180) | 0.0, 59.2 |
| NOMINAL FLUX (lm) | 109.984 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 40.8 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE (V) | 24.0 | η down (%) | 100.0 | CIBSE SHR MAX | 1.00 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
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 | 253.4 | 379.4 | 469.1 | 462.1 | 391.9 | 244.9 | 192.7 | 226.7 | 0- 10 | 56.38 | 56.38 | 51.3,51.3 |
| 20 | 21.34 | 33.31 | 51.57 | 70.78 | 54.23 | 27.14 | 20.03 | 16.62 | 10- 20 | 35.06 | 91.44 | 83.1,83.1 |
| 30 | 7.071 | 7.649 | 8.085 | 8.896 | 8.484 | 6.778 | 6.405 | 6.803 | 20- 30 | 7.324 | 98.76 | 89.8,89.8 |
| 40 | 4.405 | 4.449 | 4.764 | 5.574 | 5.662 | 4.672 | 4.360 | 4.177 | 30- 40 | 3.655 | 102.4 | 93.1,93.1 |
| 50 | 3.603 | 3.789 | 4.049 | 4.634 | 4.822 | 3.745 | 3.586 | 3.257 | 40- 50 | 3.439 | 105.9 | 96.2,96.2 |
| 60 | 2.055 | 2.189 | 2.246 | 2.216 | 2.356 | 1.856 | 1.812 | 1.904 | 50- 60 | 2.700 | 108.6 | 98.7,98.7 |
| 70 | 0.6905 | 0.6511 | 0.3927 | 0.6395 | 0.8270 | 0.5556 | 0.2589 | 0.5257 | 60- 70 | 1.213 | 109.8 | 99.8,99.8 |
| 80 | 0.0750 | 0.0082 | 0.0243 | 0.0085 | 0.0373 | 0.0228 | 0.0040 | 0.0236 | 70- 80 | 0.2049 | 110.0 | 100,100 |
| 90 | 0.0088 | 0.0021 | 0.0040 | 0.0043 | 0.0110 | 0.0041 | 0.0020 | 0.0021 | 80- 90 | 0.0089 | 110.0 | 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): 104.14 lm

%lum = 94.7%

%lamp = 94.7%

Conical surface Flux(120deg): 108.56 lm

%lum = 98.7%

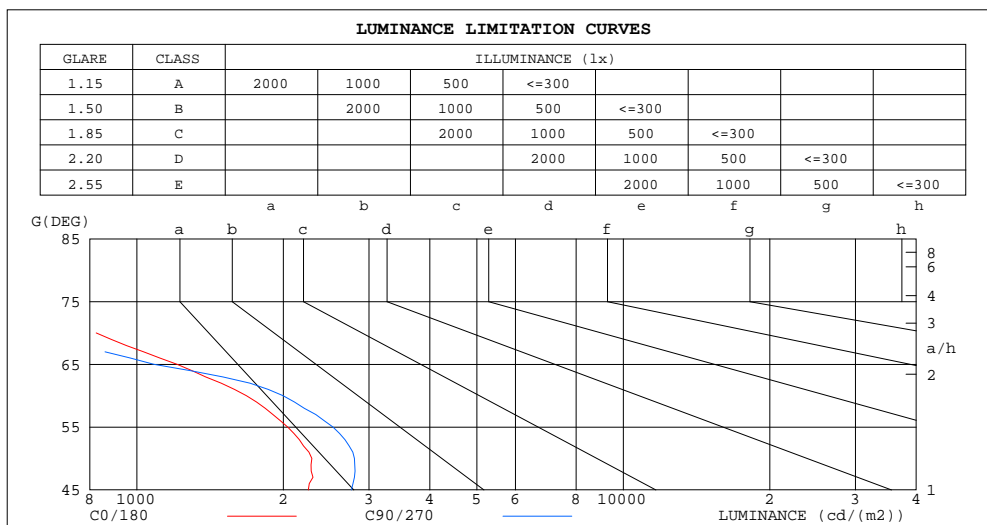
%lamp = 98.7%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Cao Chengpei
Test Date:2019-01-12

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(°) | C0/180 | C90/270 |
| 85 | 155 | 31 |
| 80 | 176 | 62 |
| 75 | 552 | 83 |
| 70 | 825 | 510 |
| 65 | 1209 | 1083 |
| 60 | 1679 | 1997 |
| 55 | 2042 | 2531 |
| 50 | 2289 | 2800 |
| 45 | 2251 | 2760 |

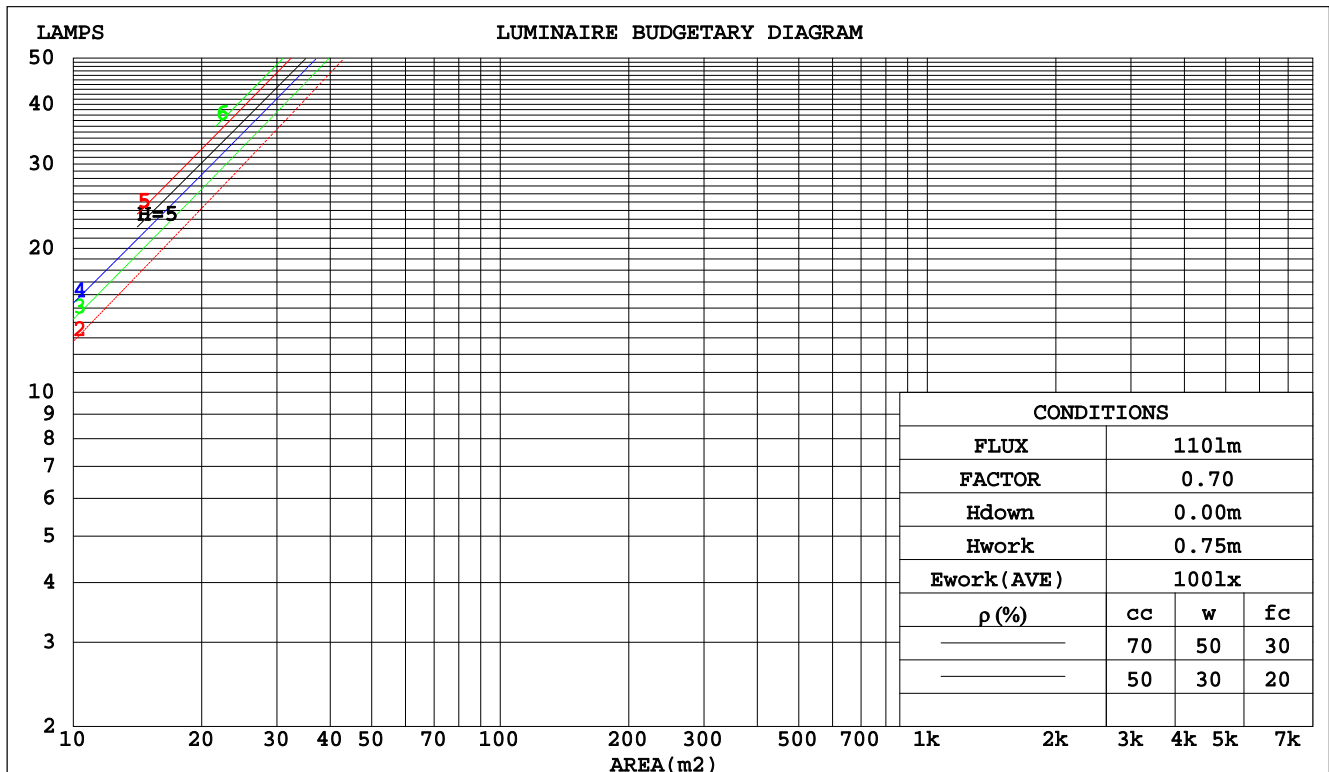
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Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--|-------------|
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| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

| 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 | | | | | | 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 | 1.13 | 1.11 | 1.09 | 1.11 | 1.09 | 1.08 | 1.07 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 |
| 2.0 | 1.08 | 1.05 | 1.02 | 1.06 | 1.03 | 1.01 | 1.03 | 1.01 | .99 | 1.00 | .98 | .97 | .97 | .96 | .95 | .94 |
| 3.0 | 1.03 | .00 | .97 | 1.02 | .99 | .96 | .00 | .97 | .95 | .97 | .95 | .93 | .95 | .93 | .92 | .91 |
| 4.0 | .00 | .96 | .93 | .99 | .95 | .92 | .97 | .94 | .91 | .95 | .92 | .90 | .93 | .91 | .89 | .88 |
| 5.0 | .96 | .92 | .89 | .95 | .92 | .89 | .94 | .91 | .88 | .92 | .90 | .88 | .91 | .89 | .87 | .86 |
| 6.0 | .93 | .89 | .87 | .93 | .89 | .86 | .91 | .88 | .86 | .90 | .87 | .85 | .89 | .87 | .85 | .84 |
| 7.0 | .91 | .87 | .84 | .90 | .87 | .84 | .89 | .86 | .84 | .88 | .85 | .83 | .87 | .85 | .83 | .82 |
| 8.0 | .89 | .85 | .82 | .88 | .85 | .82 | .87 | .84 | .82 | .86 | .84 | .81 | .86 | .83 | .81 | .80 |
| 9.0 | .87 | .83 | .80 | .86 | .83 | .80 | .85 | .82 | .80 | .85 | .82 | .80 | .84 | .81 | .80 | .79 |
| 10.0 | .85 | .81 | .79 | .84 | .81 | .79 | .84 | .81 | .78 | .83 | .80 | .78 | .83 | .80 | .78 | .77 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|--------------------------------|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: \varnothing 55mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

| 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 | .135 | .077 | .024 | .128 | .073 | .023 | .116 | .067 | .021 | .105 | .060 | .019 | .094 | .055 | .018 | | |
| 2.0 | .125 | .069 | .021 | .120 | .066 | .020 | .110 | .061 | .019 | .100 | .056 | .018 | .092 | .052 | .016 | | |
| 3.0 | .116 | .062 | .019 | .112 | .060 | .018 | .103 | .056 | .017 | .095 | .052 | .016 | .088 | .049 | .015 | | |
| 4.0 | .108 | .056 | .017 | .104 | .055 | .016 | .097 | .052 | .015 | .091 | .049 | .015 | .084 | .046 | .014 | | |
| 5.0 | .101 | .051 | .015 | .098 | .050 | .015 | .092 | .048 | .014 | .086 | .045 | .014 | .081 | .043 | .013 | | |
| 6.0 | .095 | .047 | .014 | .092 | .046 | .013 | .087 | .044 | .013 | .082 | .043 | .012 | .077 | .041 | .012 | | |
| 7.0 | .089 | .044 | .012 | .087 | .043 | .012 | .082 | .042 | .012 | .078 | .040 | .012 | .074 | .038 | .011 | | |
| 8.0 | .084 | .041 | .012 | .082 | .040 | .011 | .078 | .039 | .011 | .074 | .038 | .011 | .071 | .036 | .011 | | |
| 9.0 | .080 | .038 | .011 | .078 | .038 | .011 | .074 | .037 | .010 | .071 | .036 | .010 | .068 | .035 | .010 | | |
| 10.0 | .076 | .036 | .010 | .074 | .036 | .010 | .071 | .035 | .010 | .068 | .034 | .010 | .065 | .033 | .009 | | |

| 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 | .168 | .158 | .148 | .144 | .135 | .128 | .098 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .017 | |
| 2.0 | .150 | .133 | .118 | .129 | .114 | .102 | .088 | .079 | .071 | .051 | .046 | .042 | .016 | .015 | .014 | |
| 3.0 | .135 | .113 | .096 | .116 | .098 | .083 | .079 | .068 | .058 | .046 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .122 | .098 | .079 | .105 | .085 | .069 | .072 | .059 | .049 | .042 | .035 | .029 | .013 | .011 | .009 | |
| 5.0 | .111 | .085 | .066 | .096 | .074 | .058 | .066 | .052 | .041 | .038 | .030 | .024 | .012 | .010 | .008 | |
| 6.0 | .102 | .075 | .056 | .088 | .065 | .049 | .060 | .046 | .035 | .035 | .027 | .021 | .011 | .009 | .007 | |
| 7.0 | .094 | .067 | .048 | .081 | .058 | .042 | .056 | .041 | .030 | .032 | .024 | .018 | .010 | .008 | .006 | |
| 8.0 | .087 | .060 | .042 | .075 | .052 | .036 | .052 | .037 | .026 | .030 | .022 | .015 | .010 | .007 | .005 | |
| 9.0 | .081 | .054 | .036 | .070 | .047 | .032 | .048 | .033 | .023 | .028 | .020 | .013 | .009 | .006 | .004 | |
| 10.0 | .076 | .049 | .032 | .065 | .043 | .028 | .045 | .030 | .020 | .026 | .018 | .012 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-----------------------------|----------------|------|-------------|------|------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | | | | | | | | | |
| NAME: EYE R-3015 | | | | | TYPE: Recessed Ground Light | | | SERIAL No.: | | |
| SPEC.: 3000K | | | | | DIM.: ϕ 55mm*H70mm | | | | | |
| 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 | 16.2 | 16.8 | 16.4 | 17.0 | 17.1 | 17.2 | 17.8 | 17.4 | 17.9 | 18.1 |
| 3H | 16.7 | 17.3 | 16.9 | 17.5 | 17.6 | 17.4 | 17.9 | 17.6 | 18.1 | 18.3 |
| 4H | 16.8 | 17.3 | 17.0 | 17.5 | 17.7 | 17.3 | 17.8 | 17.5 | 18.0 | 18.2 |
| 6H | 16.7 | 17.2 | 17.0 | 17.5 | 17.7 | 17.2 | 17.7 | 17.5 | 18.0 | 18.2 |
| 8H | 16.7 | 17.2 | 17.0 | 17.4 | 17.7 | 17.1 | 17.7 | 17.4 | 17.9 | 18.2 |
| 12H | 16.6 | 17.1 | 16.9 | 17.4 | 17.6 | 17.1 | 17.6 | 17.4 | 17.9 | 18.1 |
| 4H 2H | 16.7 | 17.2 | 16.9 | 17.4 | 17.6 | 17.4 | 18.0 | 17.7 | 18.2 | 18.4 |
| 3H | 17.2 | 17.7 | 17.5 | 17.9 | 18.2 | 17.6 | 18.1 | 17.9 | 18.4 | 18.6 |
| 4H | 17.3 | 17.7 | 17.6 | 18.0 | 18.3 | 17.5 | 18.0 | 17.9 | 18.3 | 18.6 |
| 6H | 17.2 | 17.6 | 17.6 | 17.9 | 18.3 | 17.4 | 17.8 | 17.8 | 18.2 | 18.5 |
| 8H | 17.1 | 17.5 | 17.5 | 17.9 | 18.2 | 17.4 | 17.7 | 17.8 | 18.1 | 18.5 |
| 12H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.3 | 17.7 | 17.7 | 18.0 | 18.4 |
| 8H 4H | 17.1 | 17.5 | 17.5 | 17.9 | 18.2 | 17.4 | 17.8 | 17.8 | 18.1 | 18.5 |
| 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.3 | 17.6 | 17.7 | 18.0 | 18.4 |
| 8H | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 |
| 12H | 16.9 | 17.2 | 17.4 | 17.6 | 18.1 | 17.2 | 17.4 | 17.6 | 17.9 | 18.3 |
| 12H 4H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.4 | 17.7 | 17.8 | 18.1 | 18.5 |
| 6H | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 | 17.2 | 17.5 | 17.7 | 17.9 | 18.4 |
| 8H | 16.9 | 17.2 | 17.4 | 17.6 | 18.1 | 17.2 | 17.4 | 17.6 | 17.9 | 18.3 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.6 | | | | | + 0.3 / - 0.6 | | | | |
| 1.5H | + 0.5 / - 0.7 | | | | | + 0.8 / - 1.1 | | | | |
| 2.0H | + 0.9 / - 1.2 | | | | | + 1.2 / - 2.1 | | | | |

CIE Pub.117, 110.0 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -7.7$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
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| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

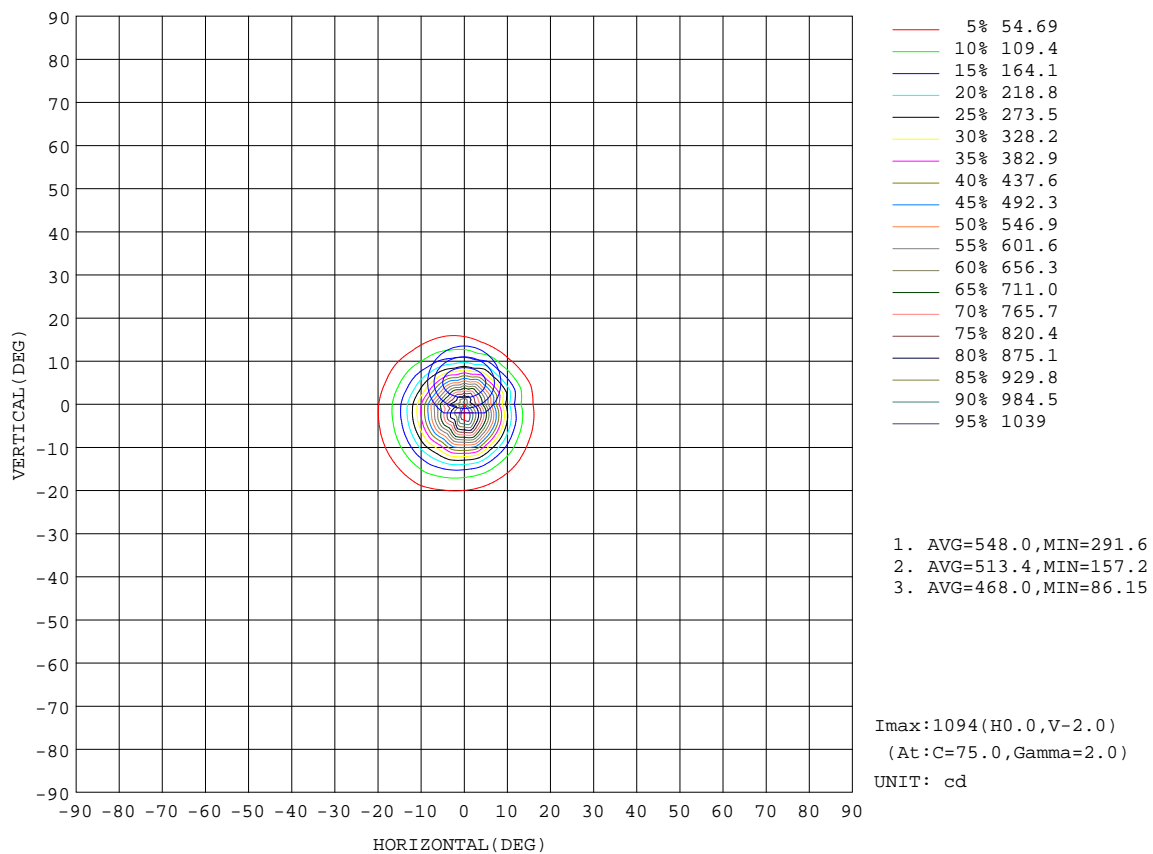
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 87 | 81 | 77 | 87 | 81 | 77 | 86 | 80 | 77 | 73 |
| 0.80 | 95 | 89 | 85 | 94 | 88 | 85 | 93 | 88 | 84 | 81 |
| 1.00 | 99 | 93 | 90 | 98 | 93 | 90 | 97 | 93 | 89 | 85 |
| 1.25 | 103 | 98 | 94 | 102 | 97 | 94 | 100 | 96 | 93 | 89 |
| 1.50 | 106 | 101 | 98 | 105 | 100 | 97 | 102 | 99 | 96 | 92 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 99 | 94 |
| 2.50 | 110 | 106 | 103 | 109 | 105 | 102 | 105 | 103 | 101 | 95 |
| 3.00 | 112 | 108 | 106 | 110 | 107 | 105 | 107 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 105 | 98 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 108 | 106 | 99 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

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 C Interval: 15.0DEG
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 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 Test Distance: 5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-----------------------------|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
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| SPEC.: 3000K | DIM.: ϕ 55mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |



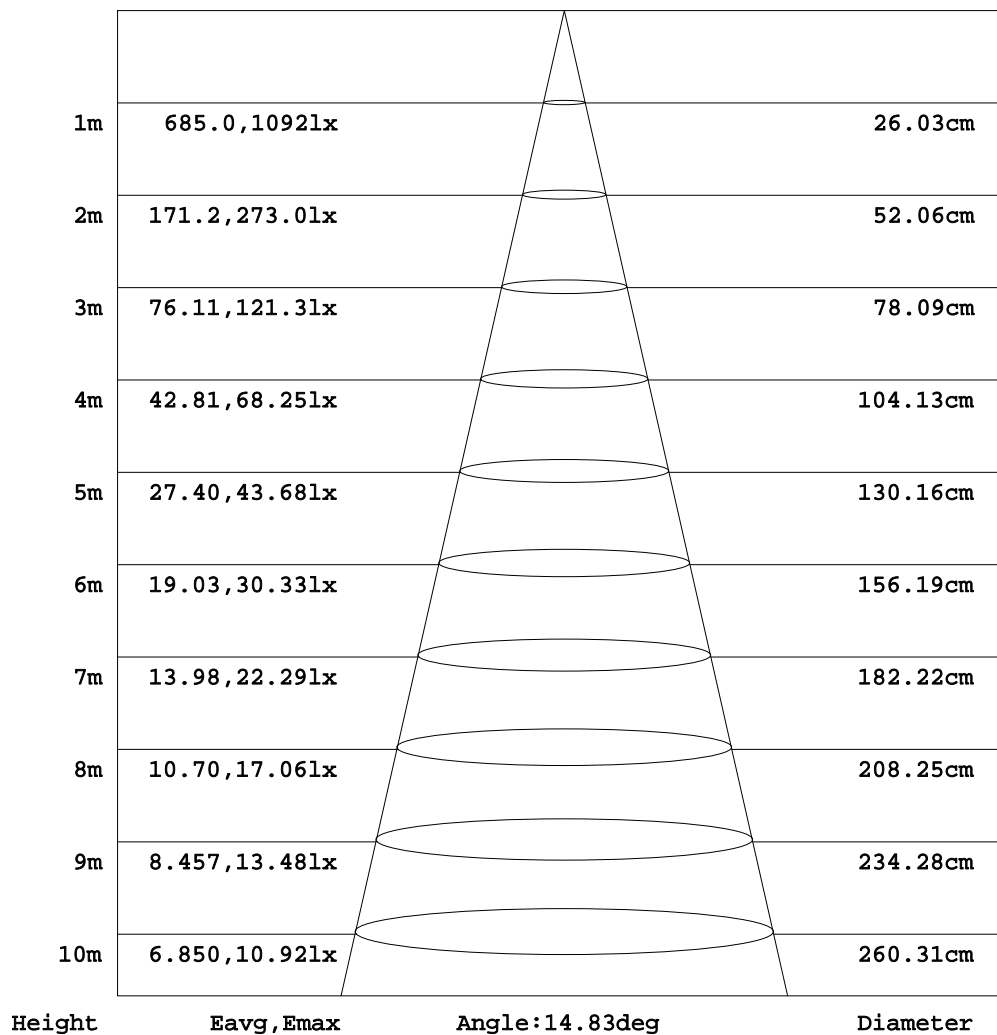
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

Flux out: 42.50 lm



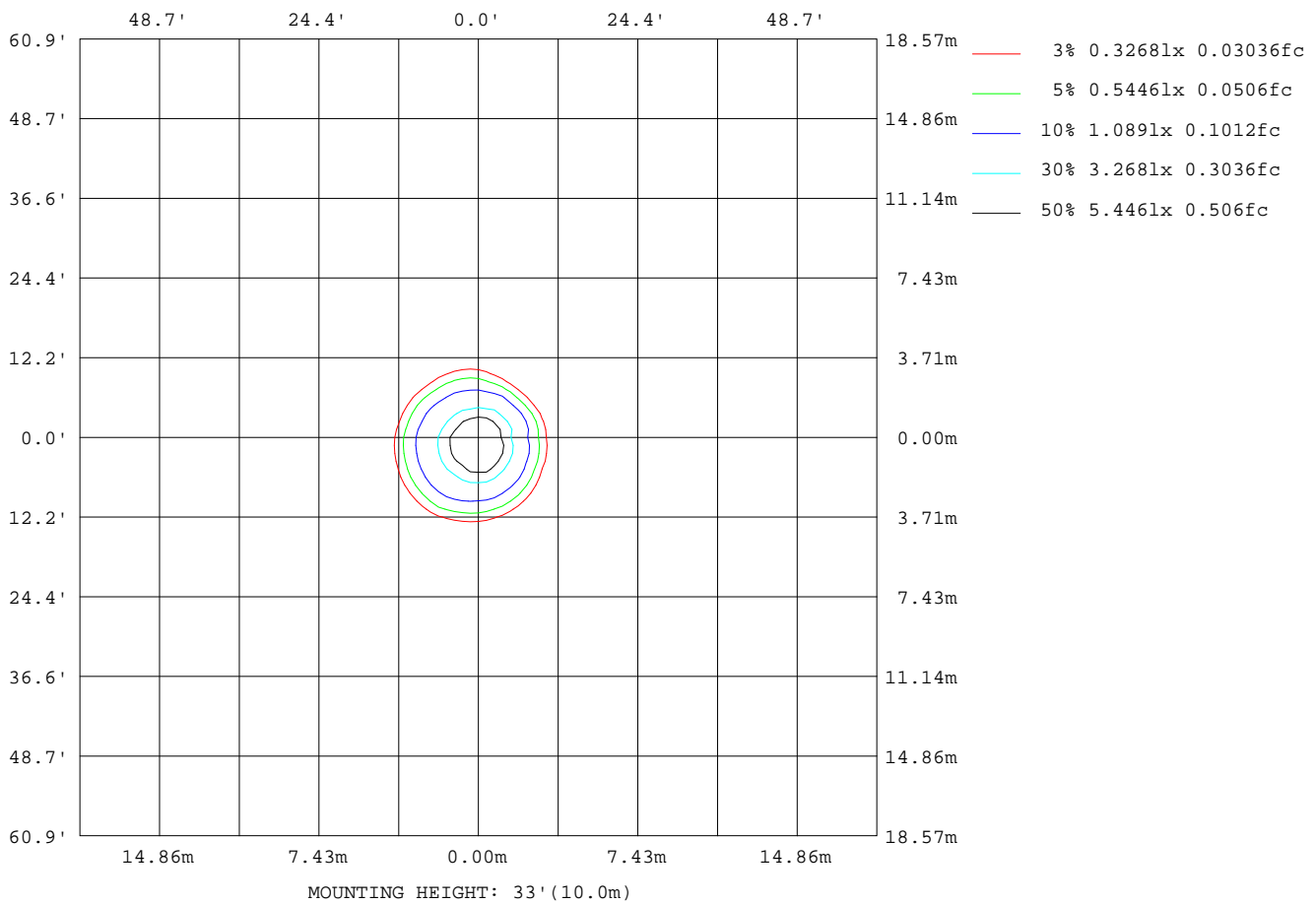
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: $\phi 55\text{mm} \times H70\text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
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γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-----------------------------|-------------|
| Test:U:24.00V I:0.0812A P:1.948W PF:1.000 Freq:0Hz Lamp Flux:109.984x1 lm | | |
| NAME: EYE R-3015 | TYPE: Recessed Ground Light | SERIAL No.: |
| SPEC.: 3000K | DIM.: ϕ 55mm*H70mm | |
| MFR.: NEKO LIGHTING AG | | |

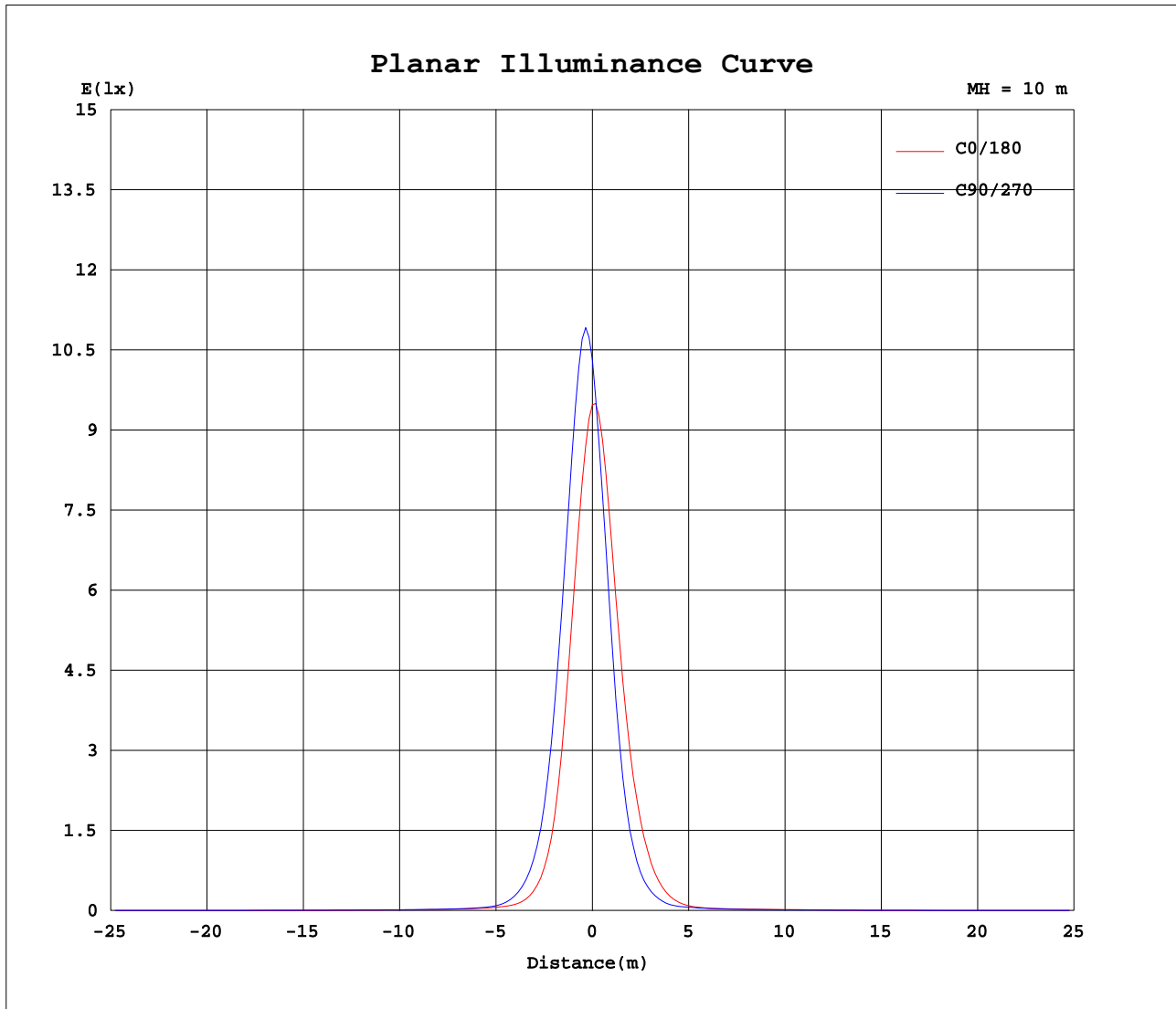
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 1328 |
| L_0~180 (75) av | 607 |
| L_0~180 (85) av | 106 |
| L_90~270 (65) av | 981 |
| L_90~270 (75) av | 62 |
| L_90~270 (85) av | 20 |
| L_45 (65) av | 1219 |
| L_45 (75) av | 85 |
| L_45 (85) av | 13 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Cao Chengpei
 Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
 Humidity: 53.0%
 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: Cao Chengpei
Test Date: 2019-01-12

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity: 53.0%
Test Distance: 5.850m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
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Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.288
Humidity:53.0%
Test Distance:5.850m [K=1.0000]
Remarks:

```