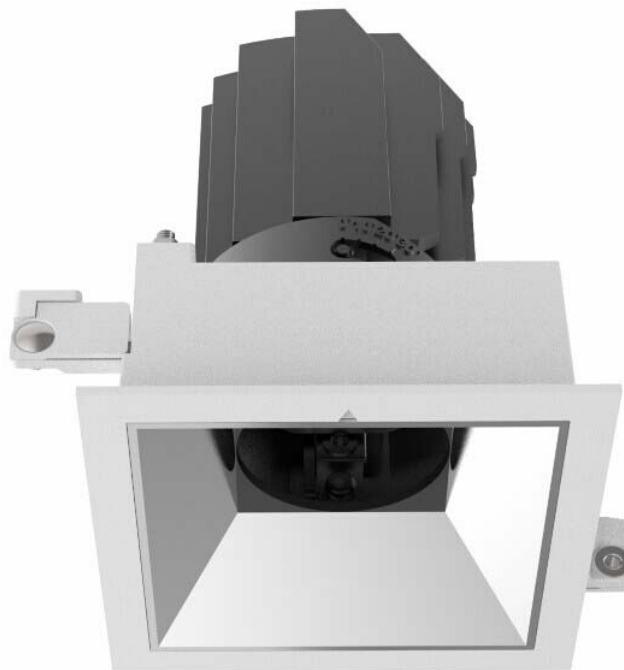


LED Downlight SENSE Series S68S1-11W-927-M

| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 10.31 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.70 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2021-04-02

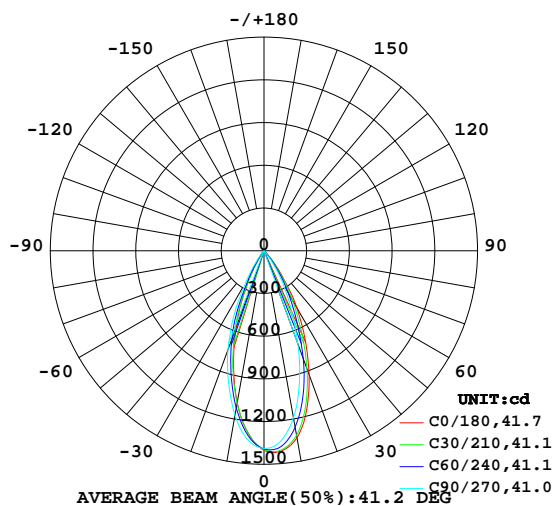
γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 8.967m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

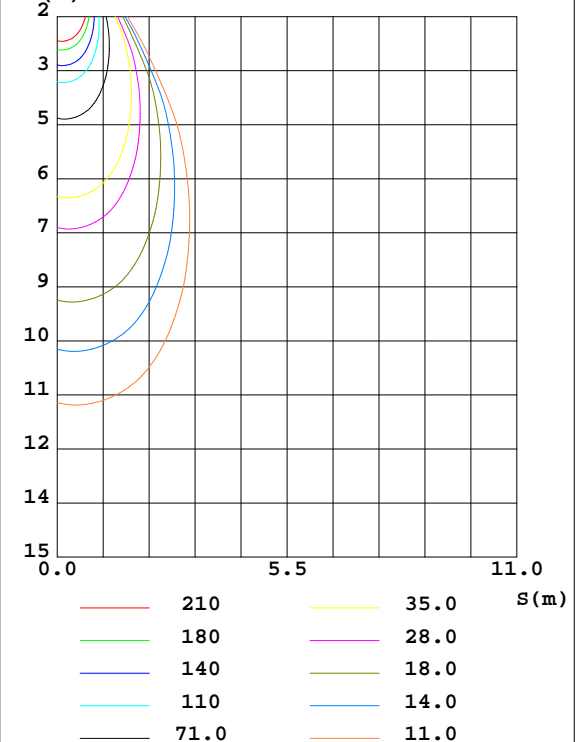
| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 68.82 lm/W | | | |
|------------------|---------------|----------------------------------|--------|------------------------|----------|
| MODEL | CITIZEN-2700K | Imax(cd) | 1419 | S/MH(C0/180) | 0.57 |
| NOMINAL POWER(W) | 11 | LOR(%) | 100.0 | S/MH(C90/270) | 0.67 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 709.35 | η UP,DN(C0-180) | 0.0,51.2 |
| NOMINAL FLUX(lm) | 709.349 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,48.8 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | η down(%) | 100.0 | CIBSE SHR MAX | 0.70 |

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:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [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 | 1335 | 1294 | 1192 | 1104 | 1084 | 1096 | 1174 | 1268 | 0- 10 | 123.1 | 123.1 | 17.3,17.3 |
| 20 | 926.9 | 852.1 | 697.2 | 582.4 | 574.2 | 620.8 | 741.3 | 856.2 | 10- 20 | 267.8 | 390.9 | 55.1,55.1 |
| 30 | 459.4 | 371.1 | 268.2 | 197.0 | 147.7 | 168.7 | 252.2 | 381.8 | 20- 30 | 222.5 | 613.4 | 86.5,86.5 |
| 40 | 101.0 | 77.81 | 32.31 | 15.18 | 11.96 | 17.01 | 33.15 | 59.86 | 30- 40 | 84.17 | 697.5 | 98.3,98.3 |
| 50 | 8.128 | 4.801 | 1.192 | 0.6110 | 0.4386 | 0.3712 | 0.3390 | 2.221 | 40- 50 | 11.12 | 708.7 | 99.9,99.9 |
| 60 | 0.3716 | 0.2712 | 0.1728 | 0.1719 | 0.1094 | 0.0889 | 0.0625 | 0.1780 | 50- 60 | 0.5296 | 709.2 | 100,100 |
| 70 | 0.0838 | 0.0625 | 0.0523 | 0.0314 | 0.0366 | 0.0418 | 0.0314 | 0.0471 | 60- 70 | 0.0879 | 709.3 | 100,100 |
| 80 | 0.0419 | 0.0314 | 0.0418 | 0.0314 | 0.0366 | 0.0366 | 0.0314 | 0.0366 | 70- 80 | 0.0403 | 709.3 | 100,100 |
| 90 | 0.0366 | 0.0314 | 0.0366 | 0.0314 | 0.0366 | 0.0366 | 0.0314 | 0.0366 | 80- 90 | 0.0376 | 709.3 | 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): 706.34 lm

%lum = 99.6%

%lamp = 99.6%

Conical surface Flux(120deg): 709.18 lm

%lum = 100.0%

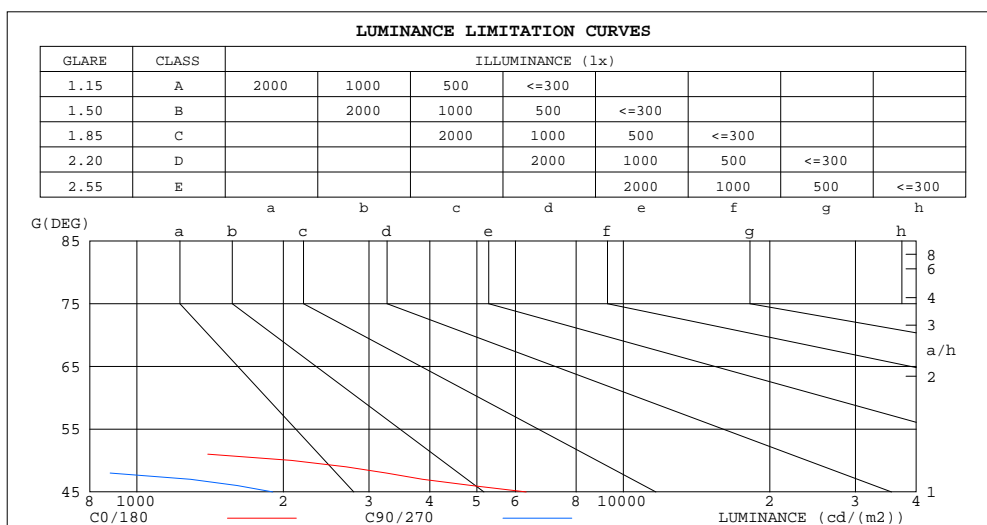
%lamp = 100.0%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 79 | 69 |
| 80 | 40 | 40 |
| 75 | 30 | 27 |
| 70 | 40 | 25 |
| 65 | 67 | 47 |
| 60 | 122 | 57 |
| 55 | 201 | 129 |
| 50 | 2079 | 305 |
| 45 | 6316 | 1903 |

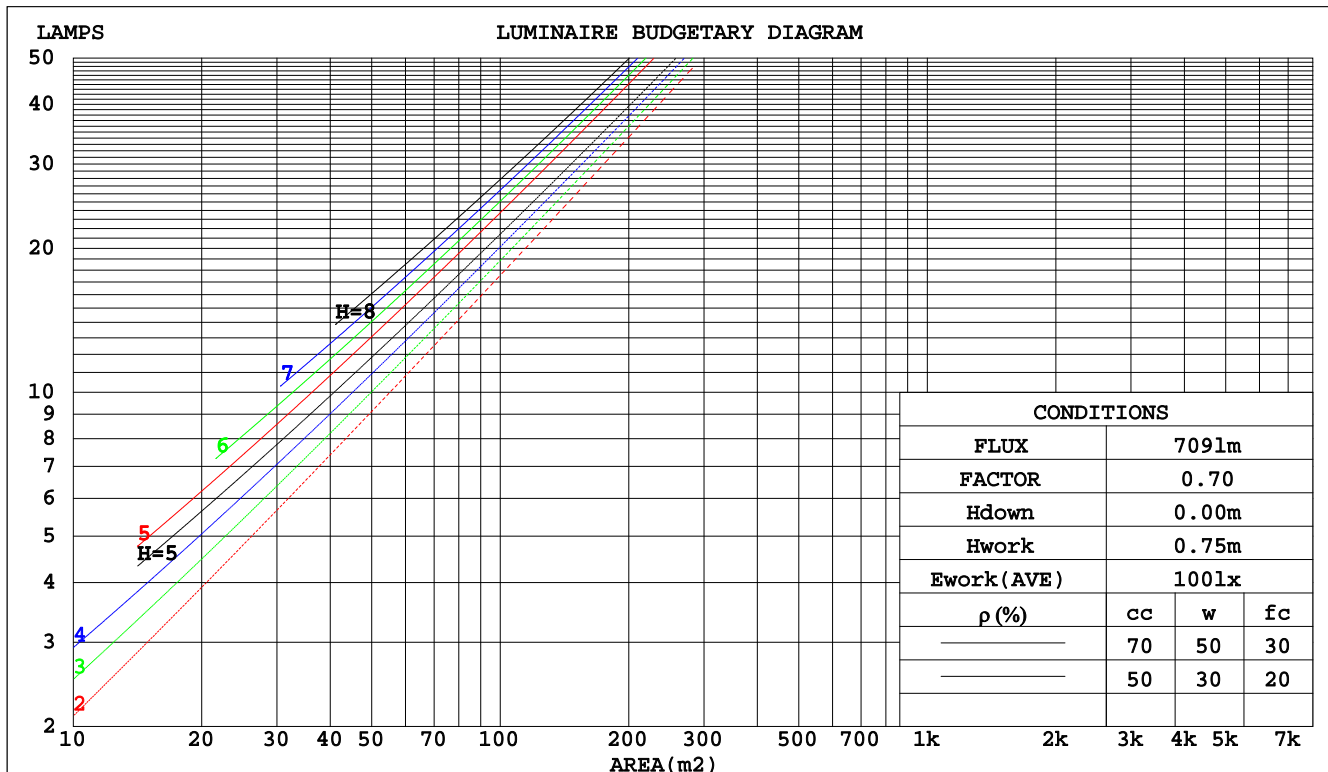
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| 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 | .00 |
| 1.0 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .99 | .98 | .97 | .95 |
| 2.0 | 1.05 | 1.02 | .99 | 1.04 | 1.00 | .98 | 1.00 | .98 | .96 | .97 | .95 | .94 | .95 | .93 | .92 | .90 |
| 3.0 | .99 | .95 | .92 | .98 | .94 | .91 | .96 | .92 | .90 | .93 | .90 | .88 | .91 | .89 | .87 | .85 |
| 4.0 | .94 | .89 | .86 | .93 | .89 | .85 | .91 | .87 | .84 | .89 | .86 | .83 | .87 | .85 | .82 | .81 |
| 5.0 | .89 | .84 | .81 | .88 | .84 | .80 | .87 | .83 | .80 | .85 | .82 | .79 | .84 | .81 | .78 | .77 |
| 6.0 | .85 | .80 | .76 | .84 | .79 | .76 | .83 | .79 | .75 | .81 | .78 | .75 | .80 | .77 | .74 | .73 |
| 7.0 | .81 | .76 | .72 | .80 | .75 | .72 | .79 | .75 | .72 | .78 | .74 | .71 | .77 | .73 | .71 | .70 |
| 8.0 | .77 | .72 | .69 | .77 | .72 | .68 | .76 | .71 | .68 | .75 | .71 | .68 | .74 | .70 | .68 | .66 |
| 9.0 | .74 | .69 | .65 | .73 | .68 | .65 | .72 | .68 | .65 | .72 | .68 | .65 | .71 | .67 | .65 | .63 |
| 10.0 | .71 | .66 | .62 | .70 | .65 | .62 | .69 | .65 | .62 | .69 | .65 | .62 | .68 | .64 | .62 | .61 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| 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 | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .158 | .090 | .028 | .151 | .086 | .027 | .139 | .080 | .025 | .127 | .073 | .024 | .117 | .068 | .022 | | |
| 2.0 | .149 | .082 | .025 | .144 | .079 | .024 | .133 | .074 | .023 | .124 | .069 | .022 | .115 | .065 | .021 | | |
| 3.0 | .141 | .075 | .023 | .137 | .073 | .022 | .128 | .069 | .021 | .120 | .066 | .020 | .112 | .062 | .019 | | |
| 4.0 | .134 | .070 | .021 | .130 | .068 | .020 | .123 | .065 | .019 | .116 | .062 | .019 | .109 | .059 | .018 | | |
| 5.0 | .128 | .065 | .019 | .124 | .064 | .019 | .118 | .061 | .018 | .112 | .059 | .018 | .106 | .057 | .017 | | |
| 6.0 | .122 | .061 | .018 | .119 | .060 | .017 | .113 | .058 | .017 | .108 | .056 | .016 | .103 | .054 | .016 | | |
| 7.0 | .117 | .058 | .016 | .114 | .057 | .016 | .109 | .055 | .016 | .104 | .054 | .016 | .100 | .052 | .015 | | |
| 8.0 | .112 | .055 | .015 | .110 | .054 | .015 | .105 | .052 | .015 | .101 | .051 | .015 | .097 | .050 | .015 | | |
| 9.0 | .107 | .052 | .015 | .105 | .051 | .014 | .101 | .050 | .014 | .098 | .049 | .014 | .094 | .048 | .014 | | |
| 10.0 | .103 | .050 | .014 | .101 | .049 | .014 | .098 | .048 | .013 | .094 | .047 | .013 | .091 | .046 | .013 | | |

| 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 | .170 | .157 | .146 | .145 | .135 | .126 | .099 | .093 | .087 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .153 | .133 | .115 | .131 | .114 | .100 | .090 | .079 | .069 | .052 | .046 | .041 | .017 | .015 | .013 | |
| 3.0 | .140 | .113 | .092 | .120 | .098 | .080 | .082 | .068 | .056 | .047 | .040 | .033 | .015 | .013 | .011 | |
| 4.0 | .129 | .098 | .075 | .110 | .085 | .066 | .076 | .059 | .046 | .044 | .035 | .027 | .014 | .011 | .009 | |
| 5.0 | .119 | .087 | .062 | .102 | .075 | .054 | .070 | .052 | .038 | .041 | .031 | .023 | .013 | .010 | .007 | |
| 6.0 | .111 | .077 | .052 | .096 | .067 | .046 | .066 | .047 | .032 | .038 | .027 | .019 | .012 | .009 | .006 | |
| 7.0 | .104 | .069 | .044 | .090 | .060 | .039 | .062 | .042 | .027 | .036 | .025 | .016 | .012 | .008 | .005 | |
| 8.0 | .098 | .063 | .038 | .085 | .054 | .033 | .059 | .038 | .024 | .034 | .023 | .014 | .011 | .007 | .005 | |
| 9.0 | .093 | .057 | .033 | .080 | .050 | .029 | .056 | .035 | .020 | .032 | .021 | .012 | .011 | .007 | .004 | |
| 10.0 | .089 | .053 | .029 | .077 | .046 | .025 | .053 | .032 | .018 | .031 | .019 | .011 | .010 | .006 | .004 | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------------------------|----------------|------|-------------|------|------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | | | | | | | | | |
| NAME: S68S1-11W-927-M | | | | | TYPE:Downlight | | | SERIAL No.: | | |
| SPEC.:2700K | | | | | DIM.: L78mm*W78mm*H98mm | | | | | |
| 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 | 17.8 | 18.7 | 18.1 | 18.8 | 19.0 | 14.8 | 15.6 | 15.0 | 15.7 | 15.9 |
| 3H | 17.7 | 18.4 | 17.9 | 18.6 | 18.8 | 14.6 | 15.3 | 14.8 | 15.5 | 15.7 |
| 4H | 17.6 | 18.3 | 17.9 | 18.5 | 18.7 | 14.5 | 15.2 | 14.8 | 15.4 | 15.7 |
| 6H | 17.5 | 18.2 | 17.8 | 18.4 | 18.7 | 14.4 | 15.1 | 14.7 | 15.3 | 15.6 |
| 8H | 17.5 | 18.1 | 17.8 | 18.4 | 18.6 | 14.4 | 15.0 | 14.7 | 15.3 | 15.5 |
| 12H | 17.4 | 18.0 | 17.7 | 18.3 | 18.6 | 14.3 | 15.0 | 14.7 | 15.2 | 15.5 |
| 4H 2H | 17.6 | 18.3 | 17.9 | 18.5 | 18.7 | 14.5 | 15.2 | 14.8 | 15.4 | 15.7 |
| 3H | 17.4 | 18.0 | 17.7 | 18.3 | 18.6 | 14.3 | 15.0 | 14.7 | 15.2 | 15.5 |
| 4H | 17.3 | 17.9 | 17.7 | 18.2 | 18.5 | 14.2 | 14.8 | 14.6 | 15.1 | 15.4 |
| 6H | 17.2 | 17.7 | 17.6 | 18.0 | 18.4 | 14.1 | 14.6 | 14.5 | 15.0 | 15.3 |
| 8H | 17.2 | 17.6 | 17.6 | 18.0 | 18.3 | 14.1 | 14.5 | 14.5 | 14.9 | 15.3 |
| 12H | 17.1 | 17.5 | 17.5 | 17.9 | 18.3 | 14.0 | 14.5 | 14.4 | 14.8 | 15.2 |
| 8H 4H | 17.2 | 17.6 | 17.6 | 18.0 | 18.3 | 14.1 | 14.5 | 14.5 | 14.9 | 15.3 |
| 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 14.0 | 14.4 | 14.4 | 14.8 | 15.2 |
| 8H | 17.0 | 17.3 | 17.5 | 17.8 | 18.2 | 13.9 | 14.3 | 14.4 | 14.7 | 15.1 |
| 12H | 16.9 | 17.2 | 17.4 | 17.7 | 18.1 | 13.9 | 14.2 | 14.3 | 14.6 | 15.1 |
| 12H 4H | 17.1 | 17.5 | 17.5 | 17.9 | 18.3 | 14.0 | 14.5 | 14.4 | 14.8 | 15.2 |
| 6H | 17.0 | 17.3 | 17.5 | 17.8 | 18.2 | 13.9 | 14.3 | 14.4 | 14.7 | 15.1 |
| 8H | 16.9 | 17.2 | 17.4 | 17.7 | 18.1 | 13.9 | 14.2 | 14.3 | 14.6 | 15.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 4.4 / -28.2 | | | | | + 3.1 / -25.5 | | | | |
| 1.5H | + 7.0 / -26.1 | | | | | + 5.9 / -22.1 | | | | |
| 2.0H | + 8.6 / -20.1 | | | | | + 7.1 / -14.0 | | | | |

CIE Pub.117, 709.3 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -1.2$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |

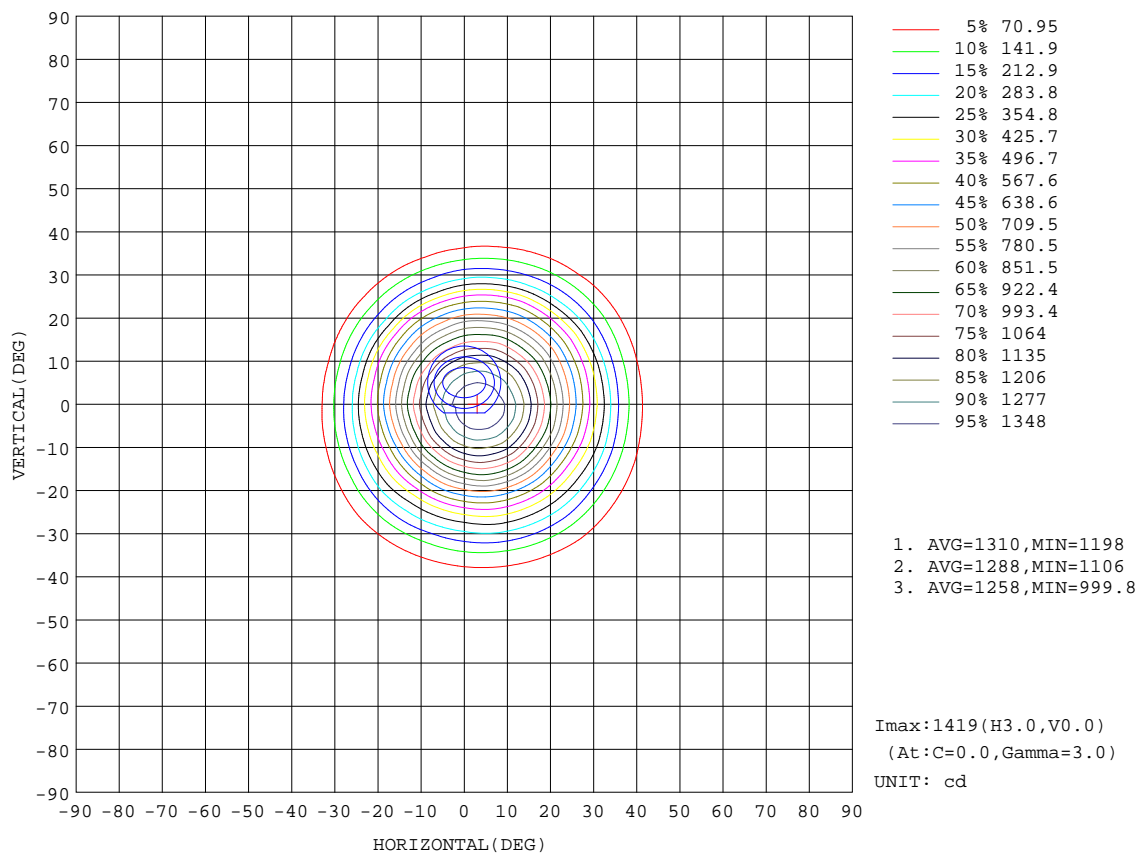
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 91 | 85 | 81 | 90 | 85 | 81 | 89 | 84 | 81 | 78 |
| 0.80 | 98 | 92 | 89 | 97 | 92 | 89 | 96 | 91 | 88 | 85 |
| 1.00 | 101 | 96 | 93 | 101 | 96 | 93 | 99 | 96 | 92 | 89 |
| 1.25 | 105 | 100 | 97 | 104 | 100 | 97 | 102 | 99 | 96 | 92 |
| 1.50 | 107 | 103 | 100 | 106 | 102 | 100 | 104 | 101 | 99 | 94 |
| 2.00 | 110 | 106 | 103 | 108 | 105 | 102 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 107 | 104 | 107 | 104 | 102 | 97 |
| 3.00 | 113 | 109 | 107 | 111 | 108 | 106 | 108 | 105 | 104 | 98 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 109 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 114 | 112 | 110 | 110 | 108 | 107 | 100 |
| 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:Jason
 Test Date:2021-04-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:58%
 Test Distance:8.967m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |

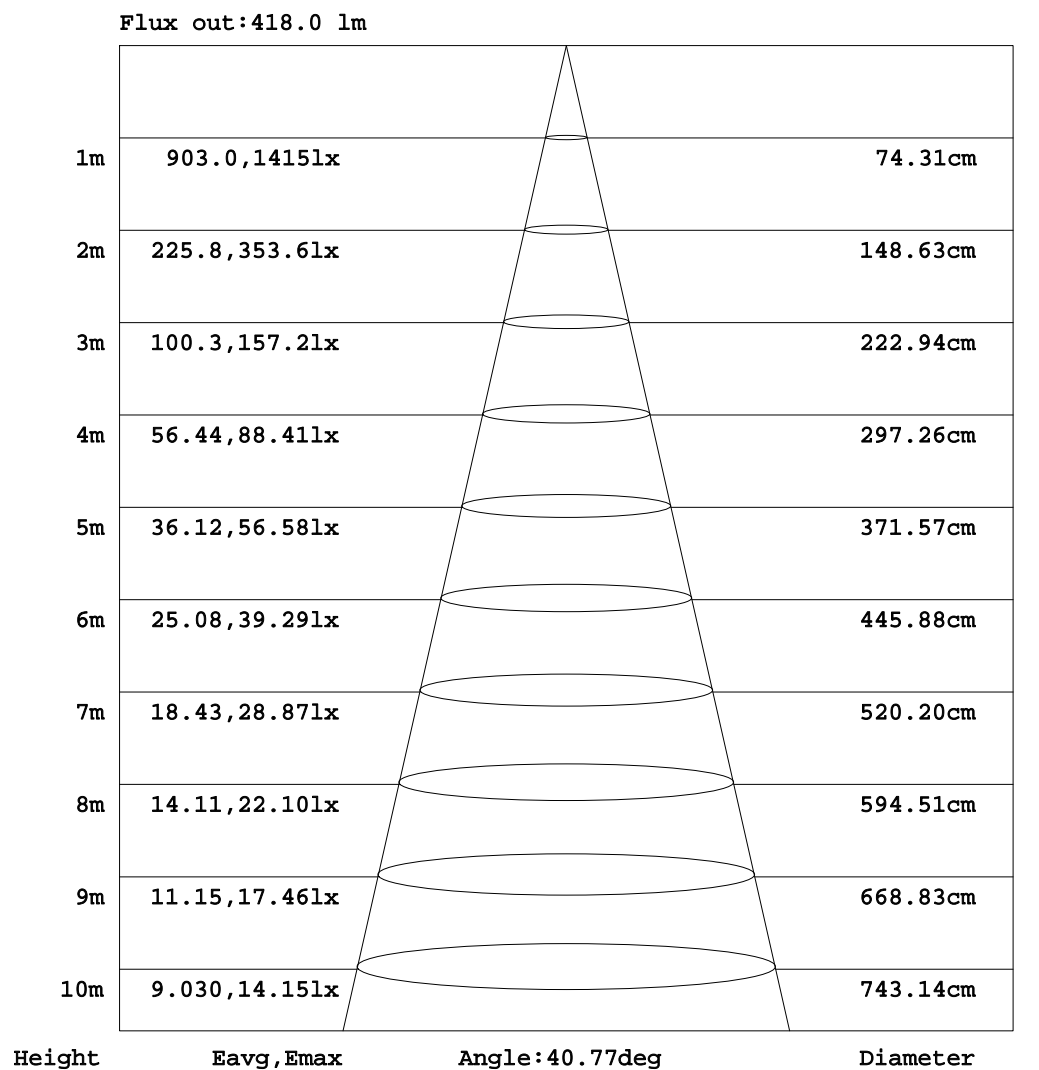


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |



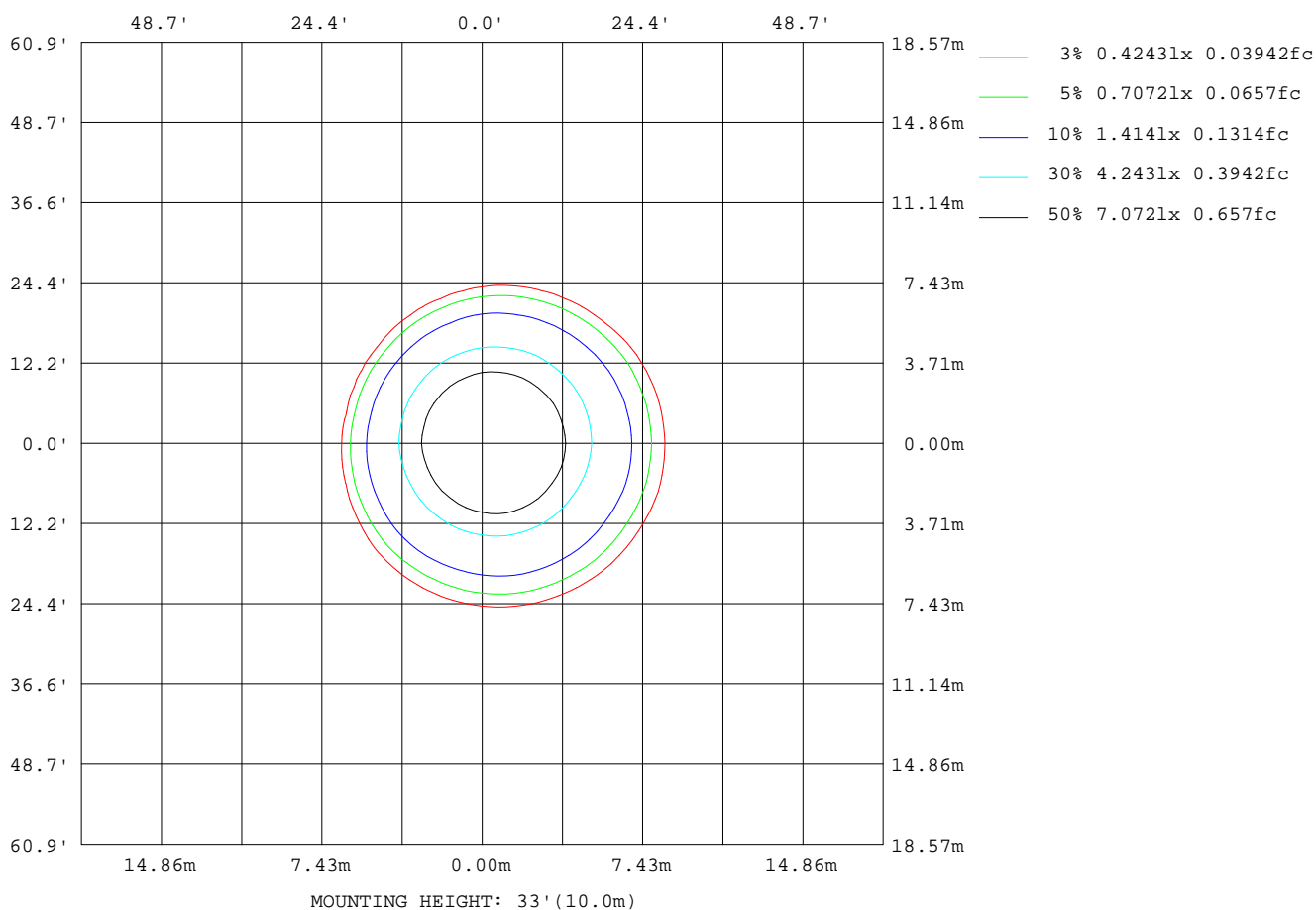
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------------------------|-------------|
| Test:U:29.45V I:0.3500A P:10.31W PF:1.000 Freq:0Hz Lamp Flux:709.349x1 lm | | |
| NAME: S68S1-11W-927-M | TYPE:Downlight | SERIAL No.: |
| SPEC.:2700K | DIM.: L78mm*W78mm*H98mm | |
| MFR.: NEKO LIGHTING AG | | |

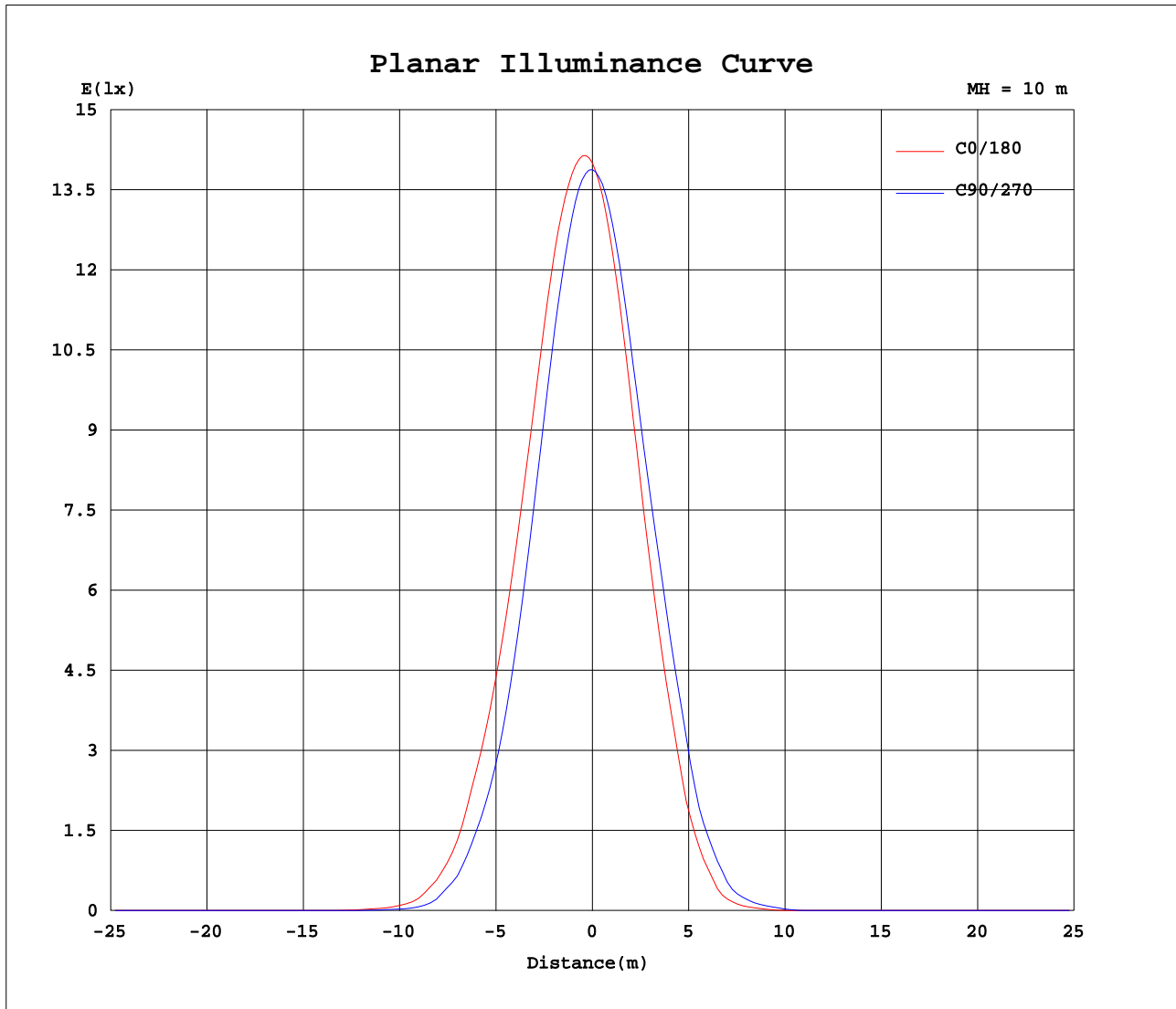
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 41 |
| L_0~180(75)av | 27 |
| L_0~180(85)av | 74 |
| L_90~270(65)av | 29 |
| L_90~270(75)av | 23 |
| L_90~270(85)av | 64 |
| L_45(65)av | 27 |
| L_45(75)av | 22 |
| L_45(85)av | 64 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-04-02

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2021-04-02

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 8.967m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

```