

SJD-DW-6W-9D18-38°



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 1.322 W | |
| SHR Nominal: | 0.50 | Calculated using the TM5 |
| SHR Maximum: | 0.55 | fine grid method. |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2021-12-15

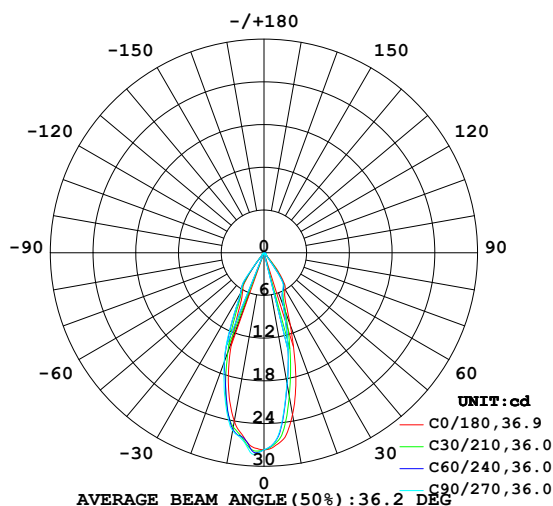
γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 8.967m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

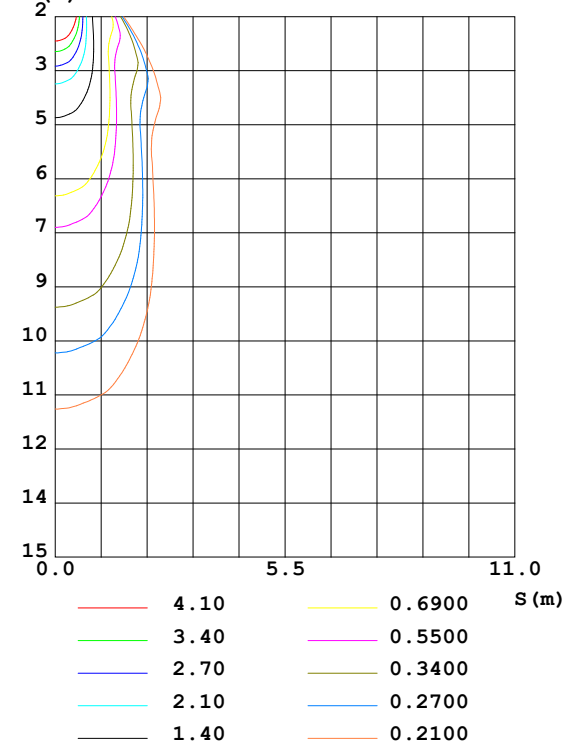
| | | |
|--|----------------------|-------------|
| Test:U:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: Φ 82*64mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 10.66 lm/W |
|------------------|----------------|-----------------------|--------|------------------------|----------|-----------------|
| MODEL | Bridgelu-1800K | I _{max} (cd) | 28.43 | S/MH(C0/180) | 0.62 | |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 0.69 | |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 14.102 | η UP,DN(C0-180) | 0.0,44.2 | |
| NOMINAL FLUX(lm) | 14.1021 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,55.8 | |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE(V) | 220 | η down(%) | 100.0 | CIBSE SHR MAX | 0.55 | |

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:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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 | 23.07 | 19.60 | 18.65 | 21.13 | 24.02 | 24.94 | 25.36 | 25.46 | 0- 10 | 2.408 | 2.408 | 17.1,17.1 |
| 20 | 10.79 | 8.516 | 8.038 | 9.619 | 13.20 | 15.46 | 16.38 | 15.00 | 10- 20 | 4.823 | 7.232 | 51.3,51.3 |
| 30 | 5.951 | 5.525 | 5.393 | 5.524 | 5.969 | 6.461 | 6.610 | 6.303 | 20- 30 | 3.750 | 10.98 | 77.9,77.9 |
| 40 | 1.337 | 0.7321 | 0.6697 | 0.6019 | 0.5654 | 0.4985 | 0.5573 | 1.215 | 30- 40 | 2.235 | 13.22 | 93.7,93.7 |
| 50 | 0.4112 | 0.3981 | 0.4131 | 0.3068 | 0.2318 | 0.2674 | 0.2402 | 0.3537 | 40- 50 | 0.3425 | 13.56 | 96.1,96.2 |
| 60 | 0.2898 | 0.2724 | 0.2980 | 0.1924 | 0.1473 | 0.1625 | 0.1431 | 0.2332 | 50- 60 | 0.2405 | 13.80 | 97.9,97.9 |
| 70 | 0.1949 | 0.1727 | 0.1986 | 0.0937 | 0.0317 | 0.0629 | 0.0260 | 0.1354 | 60- 70 | 0.1688 | 13.97 | 99.1,99.1 |
| 80 | 0.1235 | 0.1204 | 0.1516 | 0.0518 | 0 | 0.0263 | 0 | 0.0676 | 70- 80 | 0.0947 | 14.06 | 99.7,99.7 |
| 90 | 0.0105 | 0.0105 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0391 | 14.10 | 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): 13.407 lm

%lum = 95.1%

%lamp = 95.1%

Conical surface Flux(120deg): 13.8 lm

%lum = 97.9%

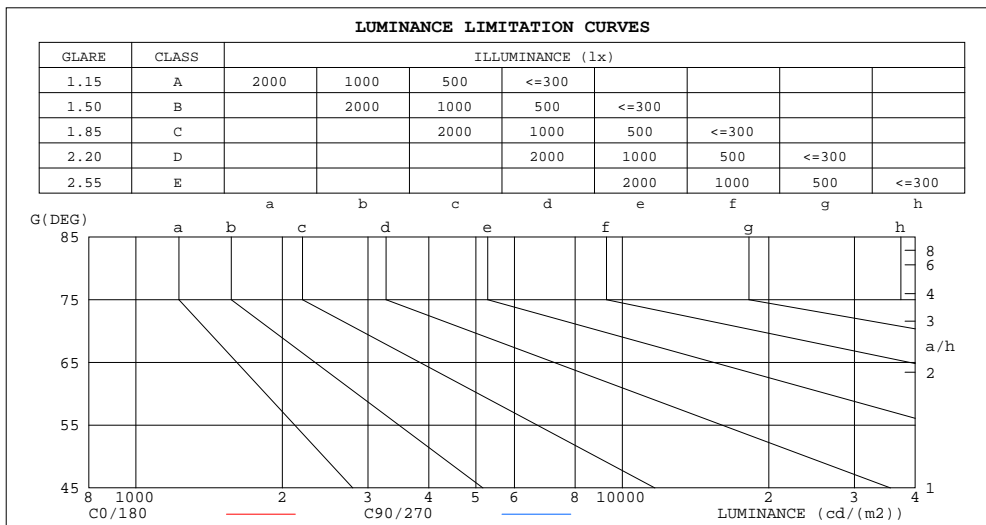
%lamp = 97.9%

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: $\phi 82 \times 64 \text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 171 | 217 |
| 80 | 134 | 165 |
| 75 | 112 | 130 |
| 70 | 107 | 110 |
| 65 | 108 | 115 |
| 60 | 109 | 113 |
| 55 | 112 | 117 |
| 50 | 120 | 122 |
| 45 | 136 | 135 |

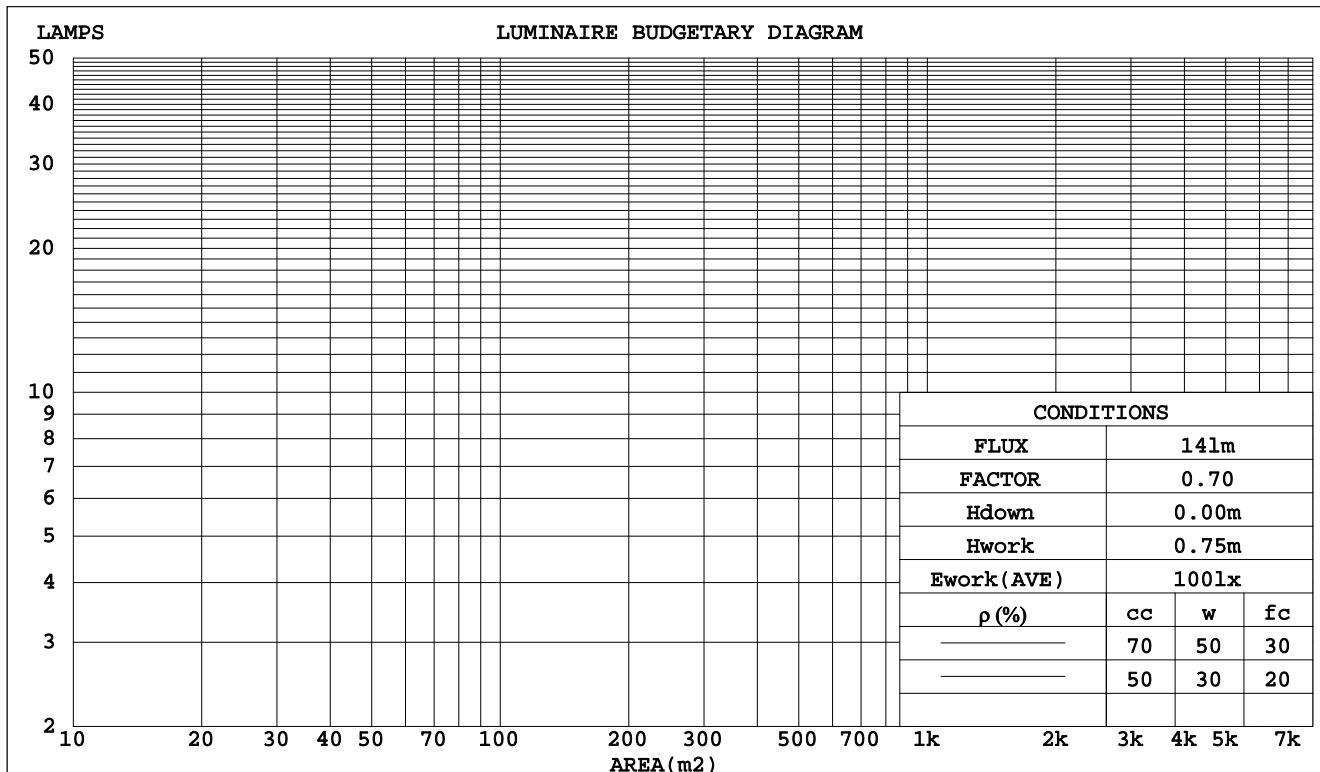
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: Φ82*64mm | |
| 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 | 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 | 1.11 | 1.09 | 1.06 | 1.09 | 1.07 | 1.05 | 1.05 | 1.03 | 1.01 | 1.01 | .00 | .98 | .98 | .97 | .96 | .94 |
| 2.0 | 1.04 | .00 | .97 | 1.02 | .99 | .96 | .99 | .96 | .93 | .96 | .94 | .91 | .93 | .91 | .90 | .88 |
| 3.0 | .97 | .93 | .89 | .96 | .92 | .88 | .93 | .90 | .87 | .91 | .88 | .85 | .89 | .86 | .84 | .83 |
| 4.0 | .92 | .87 | .83 | .91 | .86 | .82 | .88 | .84 | .81 | .87 | .83 | .80 | .85 | .82 | .79 | .78 |
| 5.0 | .87 | .81 | .77 | .86 | .81 | .77 | .84 | .80 | .76 | .82 | .79 | .76 | .81 | .78 | .75 | .74 |
| 6.0 | .82 | .77 | .73 | .81 | .76 | .72 | .80 | .75 | .72 | .78 | .74 | .71 | .77 | .74 | .71 | .70 |
| 7.0 | .78 | .72 | .69 | .77 | .72 | .68 | .76 | .71 | .68 | .75 | .71 | .68 | .74 | .70 | .67 | .66 |
| 8.0 | .74 | .69 | .65 | .74 | .68 | .65 | .73 | .68 | .64 | .72 | .67 | .64 | .71 | .67 | .64 | .63 |
| 9.0 | .71 | .65 | .62 | .70 | .65 | .62 | .69 | .65 | .61 | .68 | .64 | .61 | .68 | .64 | .61 | .60 |
| 10.0 | .68 | .62 | .59 | .67 | .62 | .59 | .66 | .62 | .58 | .66 | .61 | .58 | .65 | .61 | .58 | .57 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: Φ82*64mm | |
| 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 | .174 | .099 | .031 | .167 | .095 | .030 | .154 | .089 | .028 | .143 | .082 | .026 | .132 | .077 | .025 | |
| 2.0 | .164 | .090 | .028 | .158 | .087 | .027 | .148 | .082 | .026 | .138 | .077 | .024 | .129 | .073 | .023 | |
| 3.0 | .154 | .082 | .025 | .150 | .080 | .024 | .141 | .076 | .023 | .132 | .073 | .022 | .125 | .069 | .021 | |
| 4.0 | .146 | .076 | .022 | .142 | .074 | .022 | .134 | .071 | .021 | .127 | .068 | .021 | .120 | .065 | .020 | |
| 5.0 | .138 | .070 | .020 | .135 | .069 | .020 | .128 | .067 | .020 | .122 | .064 | .019 | .116 | .062 | .019 | |
| 6.0 | .131 | .066 | .019 | .128 | .065 | .019 | .122 | .063 | .018 | .117 | .061 | .018 | .112 | .059 | .017 | |
| 7.0 | .125 | .062 | .018 | .122 | .061 | .017 | .117 | .059 | .017 | .112 | .058 | .017 | .108 | .056 | .016 | |
| 8.0 | .119 | .058 | .016 | .117 | .058 | .016 | .112 | .056 | .016 | .108 | .055 | .016 | .104 | .053 | .016 | |
| 9.0 | .114 | .055 | .015 | .112 | .055 | .015 | .108 | .053 | .015 | .104 | .052 | .015 | .100 | .051 | .015 | |
| 10.0 | .109 | .052 | .015 | .107 | .052 | .014 | .104 | .051 | .014 | .100 | .050 | .014 | .097 | .049 | .014 | |

| 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 | .171 | .157 | .145 | .146 | .135 | .125 | .100 | .093 | .086 | .058 | .054 | .050 | .018 | .017 | .016 | | |
| 2.0 | .155 | .133 | .113 | .133 | .114 | .098 | .091 | .079 | .068 | .053 | .046 | .040 | .017 | .015 | .013 | | |
| 3.0 | .142 | .114 | .091 | .122 | .098 | .079 | .084 | .068 | .055 | .048 | .040 | .032 | .016 | .013 | .011 | | |
| 4.0 | .131 | .099 | .074 | .113 | .085 | .064 | .078 | .059 | .045 | .045 | .035 | .027 | .014 | .011 | .009 | | |
| 5.0 | .122 | .087 | .061 | .105 | .075 | .053 | .072 | .053 | .037 | .042 | .031 | .022 | .013 | .010 | .007 | | |
| 6.0 | .114 | .077 | .051 | .098 | .067 | .044 | .068 | .047 | .031 | .039 | .028 | .019 | .013 | .009 | .006 | | |
| 7.0 | .108 | .070 | .043 | .092 | .060 | .038 | .064 | .042 | .027 | .037 | .025 | .016 | .012 | .008 | .005 | | |
| 8.0 | .102 | .063 | .037 | .087 | .055 | .032 | .060 | .039 | .023 | .035 | .023 | .014 | .011 | .007 | .005 | | |
| 9.0 | .096 | .058 | .032 | .083 | .050 | .028 | .057 | .035 | .020 | .033 | .021 | .012 | .011 | .007 | .004 | | |
| 10.0 | .092 | .054 | .028 | .079 | .047 | .025 | .055 | .033 | .018 | .032 | .019 | .010 | .010 | .006 | .003 | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | | | | | | | | | |
| NAME: SJD-DW-6W-9D18-38° | | | | | TYPE:Downlight | | | SERIAL No.: | | |
| SPEC.:1800K | | | | | DIM.: $\phi 82 \times 64 \text{mm}$ | | | | | |
| 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 | 17.6 | 18.4 | 17.8 | 18.6 | 18.8 | 16.9 | 17.7 | 17.1 | 17.9 | 18.1 |
| 3H | 17.9 | 18.8 | 18.2 | 19.0 | 19.1 | 17.5 | 18.3 | 17.7 | 18.5 | 18.7 |
| 4H | 18.2 | 18.9 | 18.4 | 19.2 | 19.4 | 17.9 | 18.6 | 18.1 | 18.9 | 19.1 |
| 6H | 18.5 | 19.2 | 18.8 | 19.5 | 19.7 | 18.5 | 19.2 | 18.8 | 19.4 | 19.7 |
| 8H | 18.7 | 19.4 | 19.0 | 19.7 | 19.9 | 18.9 | 19.6 | 19.2 | 19.8 | 20.1 |
| 12H | 19.0 | 19.6 | 19.3 | 19.9 | 20.2 | 19.2 | 19.9 | 19.6 | 20.2 | 20.5 |
| 4H 2H | 17.6 | 18.4 | 17.9 | 18.6 | 18.8 | 17.0 | 17.8 | 17.3 | 18.0 | 18.2 |
| 3H | 18.3 | 18.9 | 18.6 | 19.2 | 19.5 | 17.9 | 18.5 | 18.2 | 18.8 | 19.1 |
| 4H | 18.7 | 19.3 | 19.0 | 19.6 | 19.9 | 18.5 | 19.1 | 18.8 | 19.4 | 19.7 |
| 6H | 19.1 | 19.7 | 19.5 | 20.0 | 20.4 | 19.3 | 19.8 | 19.6 | 20.1 | 20.5 |
| 8H | 19.4 | 19.9 | 19.8 | 20.3 | 20.6 | 19.8 | 20.3 | 20.1 | 20.6 | 21.0 |
| 12H | 19.7 | 20.2 | 20.1 | 20.6 | 20.9 | 20.2 | 20.7 | 20.6 | 21.0 | 21.4 |
| 8H 4H | 18.9 | 19.4 | 19.3 | 19.8 | 20.1 | 18.8 | 19.3 | 19.2 | 19.6 | 20.0 |
| 6H | 19.7 | 20.2 | 20.2 | 20.5 | 21.0 | 19.9 | 20.3 | 20.3 | 20.7 | 21.1 |
| 8H | 20.2 | 20.6 | 20.6 | 21.0 | 21.4 | 20.6 | 20.9 | 21.0 | 21.4 | 21.8 |
| 12H | 20.6 | 20.9 | 21.1 | 21.4 | 21.8 | 21.1 | 21.4 | 21.6 | 21.9 | 22.3 |
| 12H 4H | 19.0 | 19.4 | 19.4 | 19.8 | 20.2 | 18.8 | 19.3 | 19.2 | 19.7 | 20.1 |
| 6H | 19.9 | 20.3 | 20.3 | 20.7 | 21.1 | 20.0 | 20.4 | 20.5 | 20.8 | 21.3 |
| 8H | 20.5 | 20.8 | 20.9 | 21.2 | 21.7 | 20.8 | 21.1 | 21.3 | 21.6 | 22.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 2.0 / - 1.0 | | | | | + 0.4 / - 0.2 | | | | |
| 1.5H | + 3.8 / - 0.9 | | | | | + 0.7 / - 0.2 | | | | |
| 2.0H | + 0.2 / - 0.5 | | | | | + 0.1 / - 0.5 | | | | |

CIE Pub.117, 14.10 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -14.8$)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
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| SPEC.:1800K | DIM.: $\phi 82 \times 64 \text{mm}$ | |
| MFR.: NEKO LIGHTING AG | | |

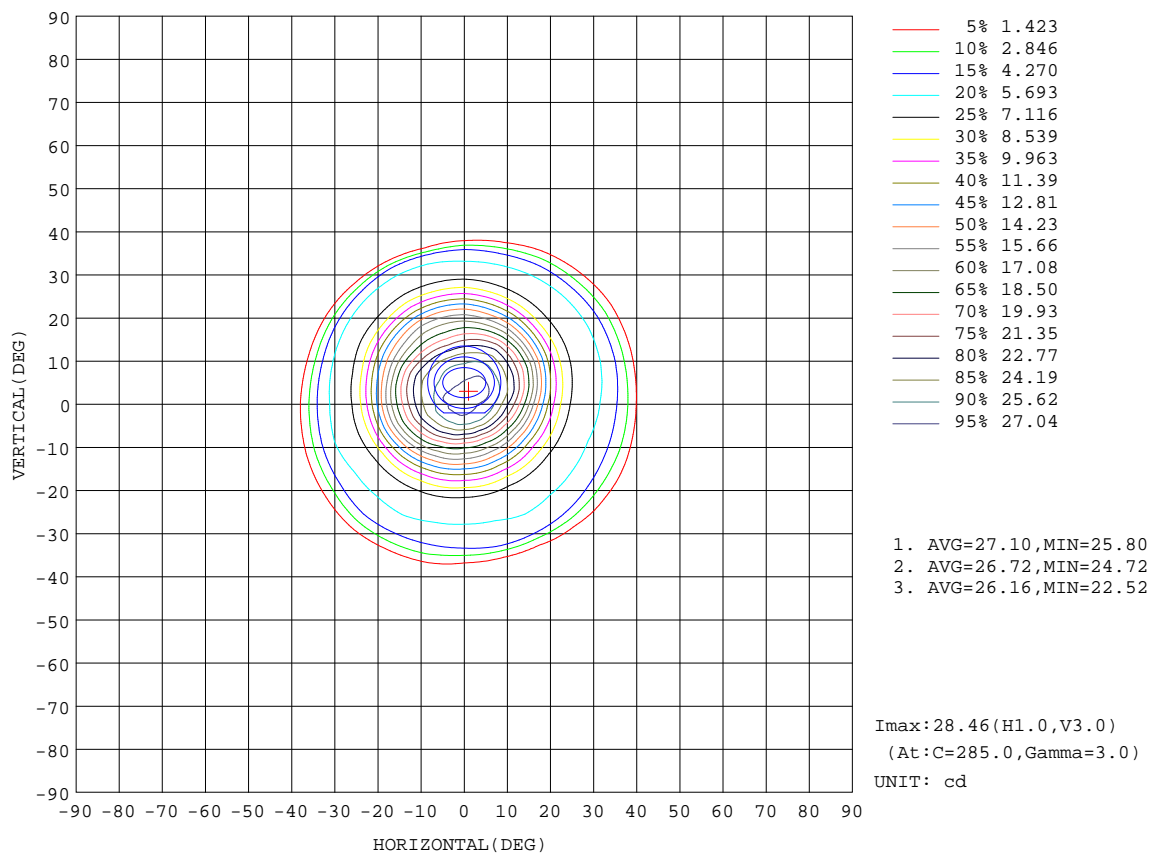
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 88 | 81 | 78 | 87 | 81 | 78 | 86 | 81 | 77 | 74 |
| 0.80 | 95 | 89 | 85 | 94 | 89 | 85 | 93 | 88 | 85 | 81 |
| 1.00 | 99 | 94 | 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 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 103 | 100 | 94 |
| 3.00 | 112 | 108 | 105 | 110 | 107 | 104 | 106 | 104 | 102 | 96 |
| 4.00 | 114 | 111 | 109 | 112 | 109 | 107 | 108 | 106 | 105 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 99 |
| 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:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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ISOCANDELA DIAGRAM

| | | |
|--|-------------------------------------|-------------|
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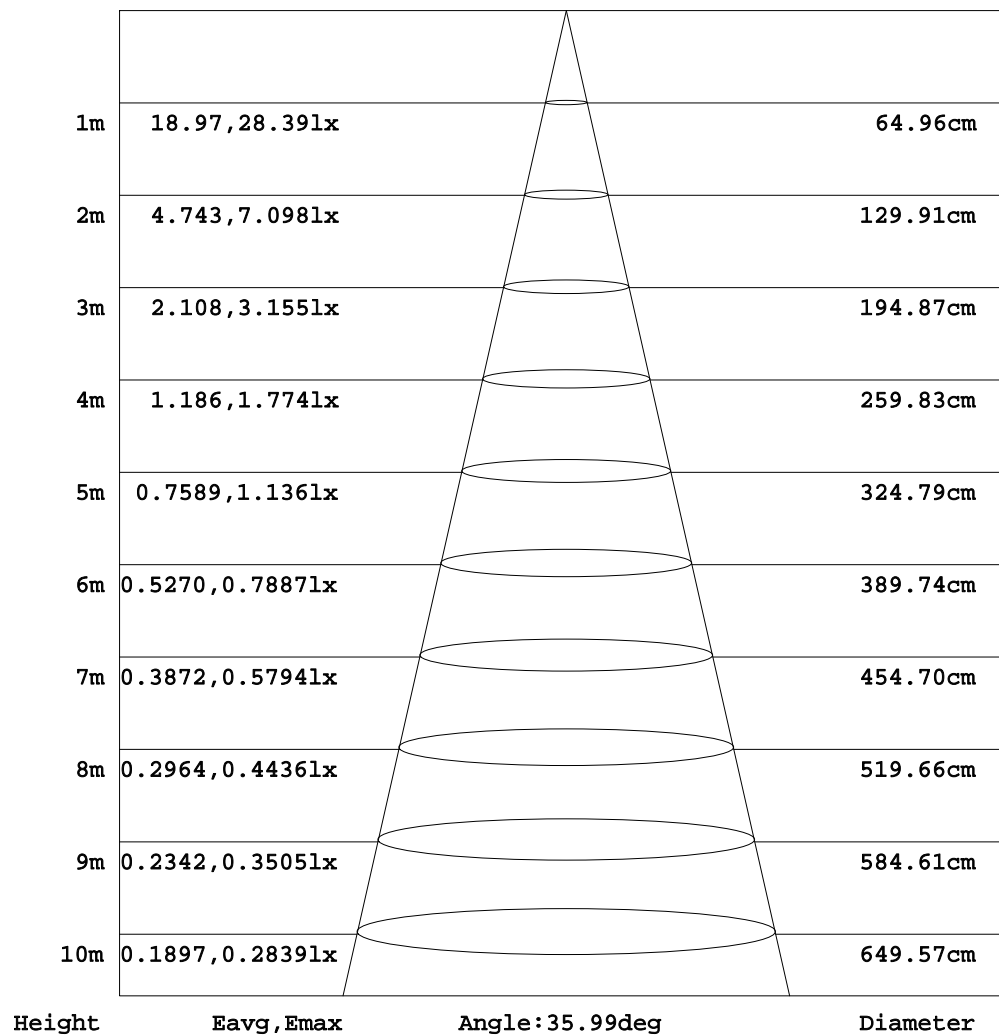
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C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|------------------------------|-------------|
| Test:U:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: $\Phi 82 \times 64$ mm | |
| MFR.: NEKO LIGHTING AG | | |

Flux out:6.293 lm



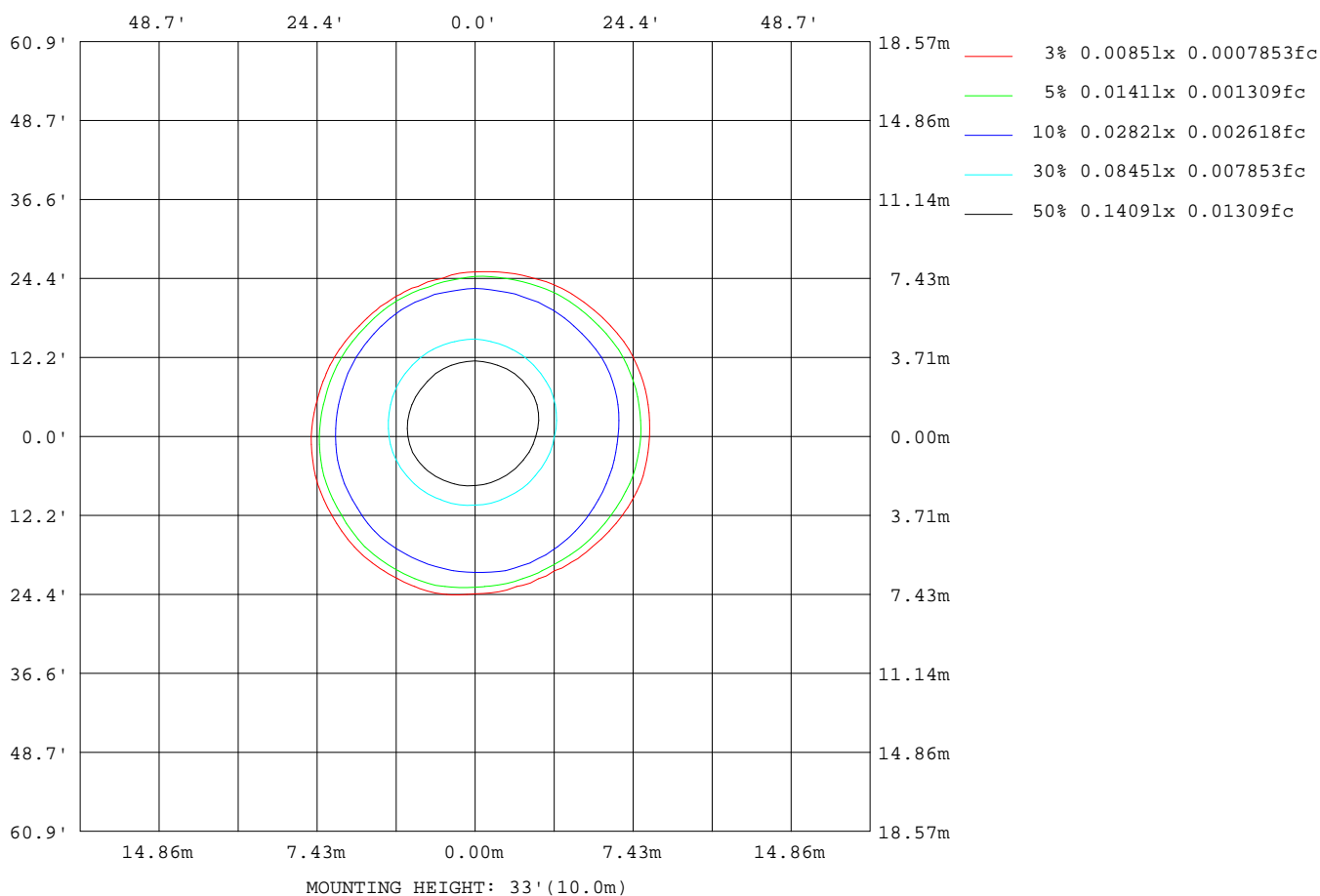
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 58%
Test Distance: 8.967m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|----------------------|-------------|
| Test:U:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.102lx 1m | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: Φ 82*64mm | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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:220.4V I:0.0060A P:1.322W PF:0.6430 Freq:49.90Hz Lamp Flux:14.1021x1 lm | | |
| NAME: SJD-DW-6W-9D18-38° | TYPE:Downlight | SERIAL No.: |
| SPEC.:1800K | DIM.: ϕ 82*64mm | |
| MFR.: NEKO LIGHTING AG | | |

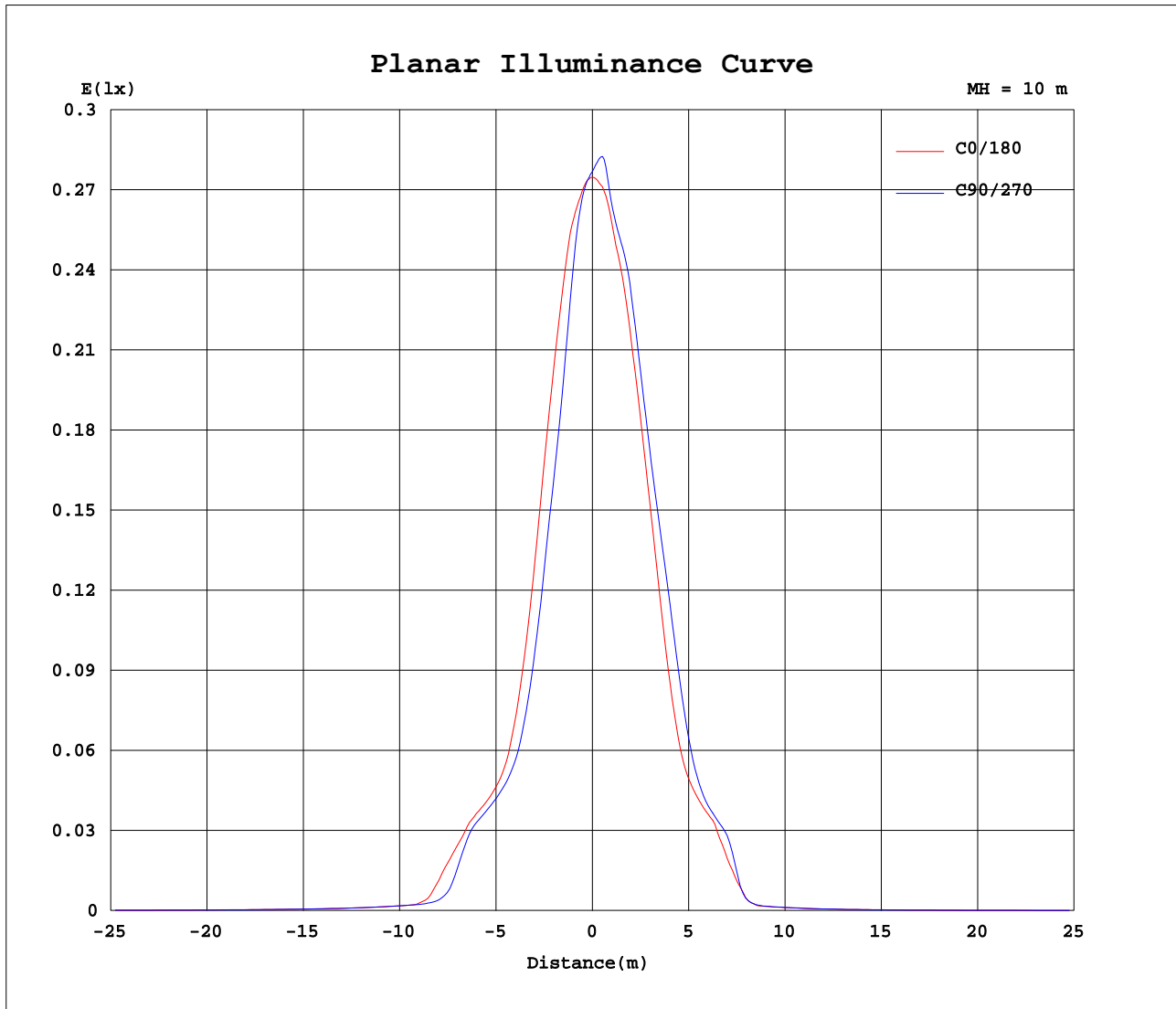
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 75 |
| L_0~180 (75) av | 62 |
| L_0~180 (85) av | 86 |
| L_90~270 (65) av | 78 |
| L_90~270 (75) av | 67 |
| L_90~270 (85) av | 108 |
| L_45 (65) av | 77 |
| L_45 (75) av | 66 |
| L_45 (85) av | 65 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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: 2021-12-15

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
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: 0.5DEG
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: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:58%
Test Distance:8.967m [K=1.0000]
Remarks:

```