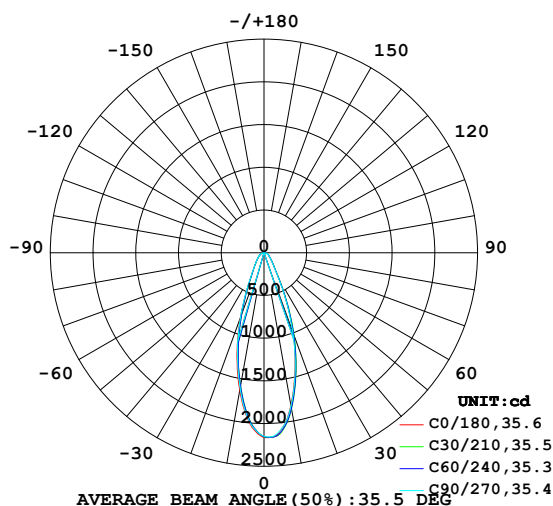


LUMINAIRE PHOTOMETRIC TEST REPORT

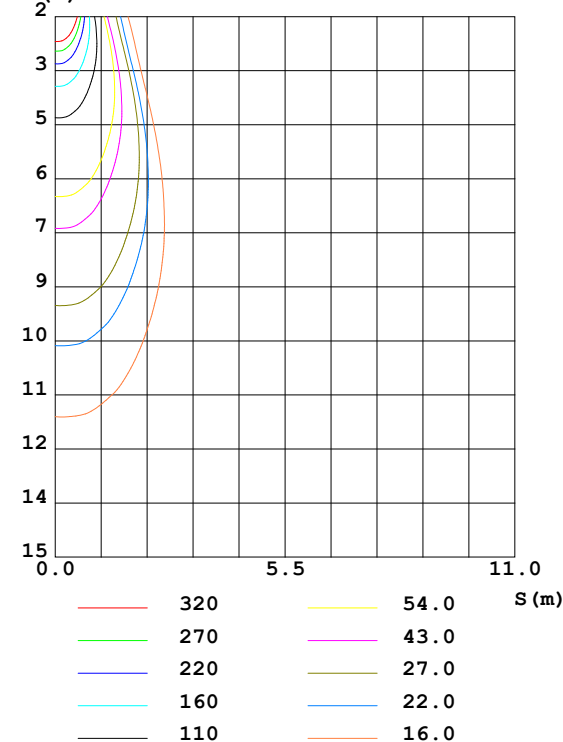
|  |                           |             |
|--|---------------------------|-------------|
| Test:U:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                           |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight            | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi$ 77mm*H39mm*2 |             |
| MFR.: NEKO LIGHTING AG   |                           |             |

| DATA OF LAMP      |         | PHOTOMETRIC DATA Eff: 86.25 lm/W |        |                          |           |
|-------------------|---------|----------------------------------|--------|--------------------------|-----------|
| MODEL             | 2700K   | I <sub>max</sub> (cd)            | 2165   | S/MH (C0/180)            | 0.55      |
| NOMINAL POWER (W) | 14      | LOR (%)                          | 100.0  | S/MH (C90/270)           | 0.54      |
| RATED VOLTAGE (V) | 220     | TOTAL FLUX (lm)                  | 1181.3 | $\eta$ UP, DN (C0-180)   | 0.0, 52.5 |
| NOMINAL FLUX (lm) | 1181.27 | CIE CLASS                        | DIRECT | $\eta$ UP, DN (C180-360) | 0.0, 47.5 |
| LAMPS INSIDE      | 1       | $\eta$ up (%)                    | 0.0    | CIBSE SHR NOM            | 0.50      |
| TEST VOLTAGE (V)  | 220     | $\eta$ down (%)                  | 100.0  | CIBSE SHR MAX            | 0.60      |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: Jasoan  
 Test Date: 2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:

| $\gamma$ | C0                    | C45   | C90   | C135   | C180   | C225   | C270   | C315  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|--------|--------|--------|--------|-------|----------|-------------|--------------|------------|
| 10       | 1815                  | 1853  | 1822  | 1704   | 1635   | 1582   | 1612   | 1724  | 0- 10    | 184.3       | 184.3        | 15.6,15.6  |
| 20       | 994.1                 | 1024  | 981.2 | 868.7  | 808.5  | 768.3  | 807.2  | 908.9 | 10- 20   | 357.6       | 542.0        | 45.9,45.9  |
| 30       | 345.5                 | 354.4 | 339.8 | 302.2  | 281.5  | 273.0  | 285.8  | 318.3 | 20- 30   | 251.4       | 793.4        | 67.2,67.2  |
| 40       | 158.7                 | 158.0 | 156.4 | 151.0  | 146.4  | 145.7  | 147.7  | 155.9 | 30- 40   | 133.2       | 926.6        | 78.4,78.4  |
| 50       | 96.53                 | 95.14 | 95.42 | 93.17  | 91.04  | 90.59  | 93.45  | 97.15 | 40- 50   | 91.98       | 1019         | 86.2,86.2  |
| 60       | 67.44                 | 66.50 | 66.07 | 62.75  | 59.92  | 59.57  | 62.64  | 66.75 | 50- 60   | 69.49       | 1088         | 92.1,92.1  |
| 70       | 45.65                 | 45.80 | 44.28 | 40.01  | 36.87  | 36.15  | 38.82  | 43.36 | 60- 70   | 51.88       | 1140         | 96.5,96.5  |
| 80       | 23.93                 | 24.94 | 22.75 | 15.89  | 12.61  | 11.78  | 13.74  | 19.29 | 70- 80   | 32.00       | 1172         | 99.2,99.2  |
| 90       | 4.074                 | 4.488 | 2.881 | 0.1988 | 0.2614 | 0.2832 | 0.2560 | 1.422 | 80- 90   | 9.281       | 1181         | 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): 976.16 lm

%lum = 82.6%

%lamp = 82.6%

Conical surface Flux(120deg): 1088.1 lm

%lum = 92.1%

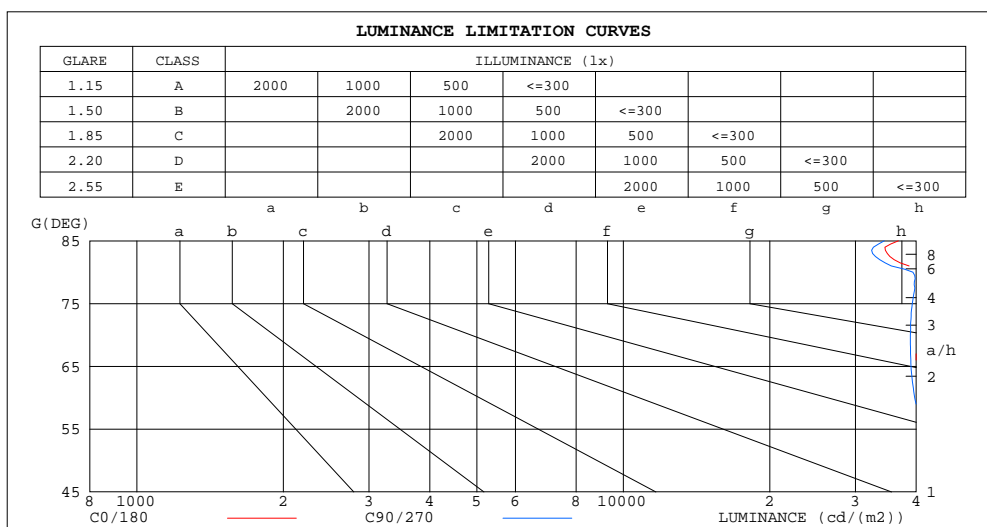
%lamp = 92.1%

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |   |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight  | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi 77\text{mm} \times H39\text{mm} \times 2$ |             |
| MFR.: NEKO LIGHTING AG   |   |             |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 36760  | 34381   |
| 80                | 41429  | 39389   |
| 75                | 40735  | 39271   |
| 70                | 40119  | 38920   |
| 65                | 40017  | 39019   |
| 60                | 40548  | 39719   |
| 55                | 41856  | 41297   |
| 50                | 45144  | 44622   |
| 45                | 51405  | 50829   |

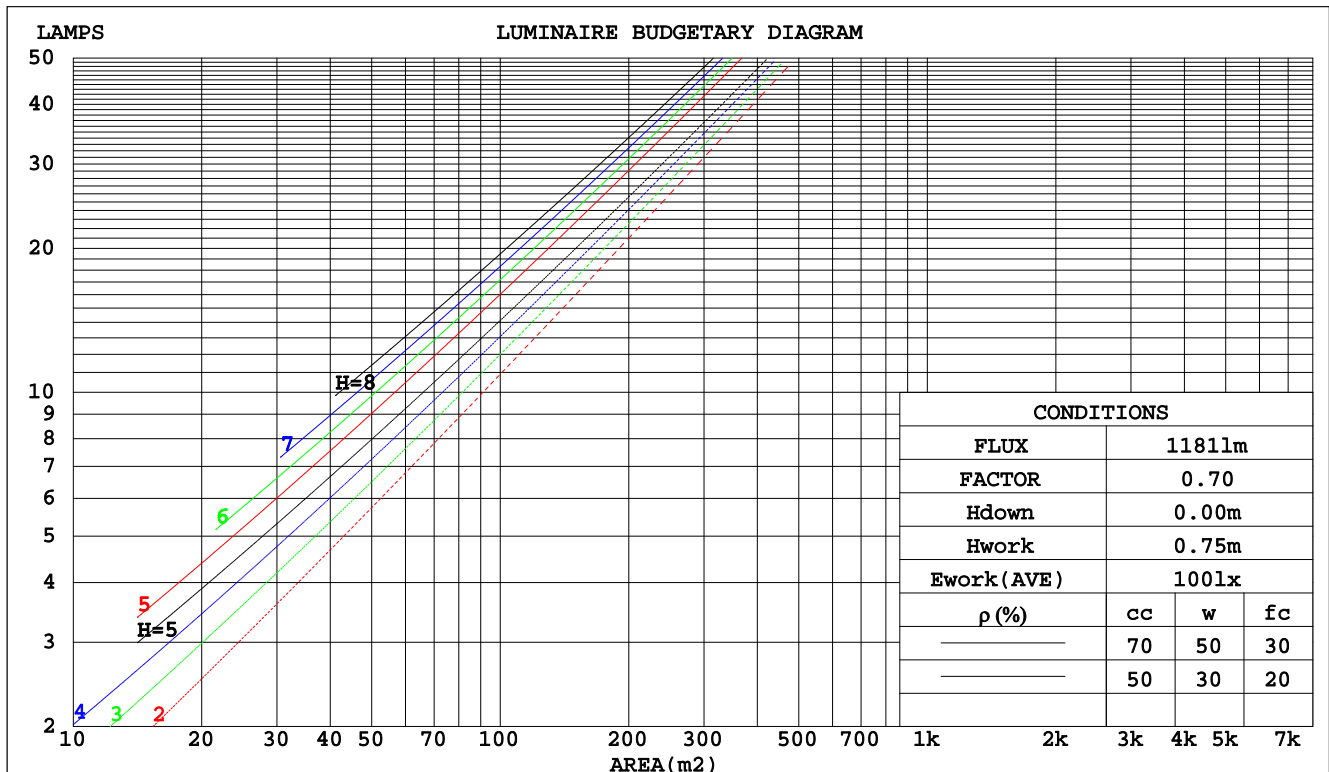
C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                     |             |
| NAME: VIBES-V1SR-14W-927-36°   | TYPE:Downlight      | SERIAL No.: |
| SPEC.:2700K  | DIM.: φ77mm*H39mm*2 |             |
| 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  | 1.09                  | 1.06 | 1.04 | 1.07 | 1.04 | 1.02 | 1.03                            | 1.01 | .99  | .99  | .97  | .96  | .96  | .94  | .93  | .91  |
| 2.0  | 1.00                  | .96  | .92  | .99  | .94  | .91  | .95                             | .92  | .89  | .92  | .89  | .87  | .89  | .87  | .85  | .83  |
| 3.0  | .93                   | .87  | .83  | .91  | .86  | .82  | .89                             | .84  | .81  | .86  | .83  | .79  | .84  | .81  | .78  | .77  |
| 4.0  | .86                   | .80  | .76  | .85  | .80  | .75  | .83                             | .78  | .74  | .81  | .77  | .73  | .79  | .76  | .73  | .71  |
| 5.0  | .81                   | .75  | .70  | .80  | .74  | .70  | .78                             | .73  | .69  | .76  | .72  | .68  | .75  | .71  | .68  | .66  |
| 6.0  | .76                   | .70  | .65  | .75  | .69  | .65  | .74                             | .68  | .65  | .72  | .68  | .64  | .71  | .67  | .64  | .62  |
| 7.0  | .72                   | .66  | .61  | .71  | .65  | .61  | .70                             | .65  | .61  | .69  | .64  | .60  | .68  | .63  | .60  | .59  |
| 8.0  | .68                   | .62  | .58  | .68  | .62  | .58  | .66                             | .61  | .57  | .65  | .61  | .57  | .64  | .60  | .57  | .55  |
| 9.0  | .65                   | .59  | .55  | .64  | .58  | .55  | .63                             | .58  | .54  | .62  | .58  | .54  | .62  | .57  | .54  | .53  |
| 10.0 | .62                   | .56  | .52  | .61  | .56  | .52  | .60                             | .55  | .52  | .60  | .55  | .52  | .59  | .55  | .51  | .50  |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                     |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight      | SERIAL No.: |
| SPEC.:2700K  | DIM.: φ77mm*H39mm*2 |             |
| 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  | .210                  | .119 | .038 | .203 | .116 | .037 | .190                            | .109 | .035 | .179 | .103 | .033 | .168 | .097 | .031 |   |  |
| 2.0  | .197                  | .108 | .033 | .191 | .105 | .032 | .180                            | .100 | .031 | .170 | .096 | .030 | .161 | .091 | .029 |   |  |
| 3.0  | .184                  | .098 | .029 | .179 | .096 | .029 | .169                            | .092 | .028 | .161 | .088 | .027 | .153 | .085 | .026 |   |  |
| 4.0  | .171                  | .089 | .026 | .167 | .087 | .026 | .159                            | .084 | .025 | .151 | .081 | .025 | .144 | .078 | .024 |   |  |
| 5.0  | .160                  | .082 | .024 | .156 | .080 | .023 | .149                            | .078 | .023 | .143 | .075 | .022 | .137 | .073 | .022 |   |  |
| 6.0  | .150                  | .075 | .022 | .147 | .074 | .021 | .141                            | .072 | .021 | .135 | .070 | .021 | .130 | .068 | .020 |   |  |
| 7.0  | .142                  | .070 | .020 | .139 | .069 | .020 | .133                            | .067 | .019 | .128 | .066 | .019 | .123 | .064 | .019 |   |  |
| 8.0  | .134                  | .065 | .018 | .131 | .065 | .018 | .126                            | .063 | .018 | .122 | .062 | .018 | .118 | .060 | .018 |   |  |
| 9.0  | .127                  | .061 | .017 | .125 | .061 | .017 | .120                            | .059 | .017 | .116 | .058 | .017 | .112 | .057 | .016 |   |  |
| 10.0 | .121                  | .058 | .016 | .119 | .057 | .016 | .115                            | .056 | .016 | .111 | .055 | .016 | .108 | .054 | .016 |   |  |

| 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  | .173                  | .157 | .142 | .148 | .135 | .122 | .101                                       | .093 | .085 | .058 | .054 | .049 | .019 | .017 | .016 |   |
| 2.0  | .160                  | .132 | .109 | .137 | .114 | .095 | .094                                       | .079 | .066 | .054 | .046 | .039 | .017 | .015 | .013 |   |
| 3.0  | .148                  | .114 | .087 | .127 | .098 | .075 | .087                                       | .068 | .053 | .050 | .040 | .031 | .016 | .013 | .010 |   |
| 4.0  | .138                  | .099 | .070 | .118 | .086 | .061 | .081                                       | .060 | .043 | .047 | .035 | .025 | .015 | .011 | .008 |   |
| 5.0  | .129                  | .088 | .058 | .111 | .076 | .050 | .076                                       | .053 | .035 | .044 | .031 | .021 | .014 | .010 | .007 |   |
| 6.0  | .121                  | .079 | .048 | .104 | .068 | .042 | .072                                       | .048 | .030 | .042 | .028 | .018 | .013 | .009 | .006 |   |
| 7.0  | .114                  | .071 | .041 | .098 | .062 | .036 | .068                                       | .043 | .025 | .039 | .025 | .015 | .013 | .008 | .005 |   |
| 8.0  | .108                  | .065 | .035 | .093 | .056 | .031 | .064                                       | .039 | .022 | .037 | .023 | .013 | .012 | .008 | .004 |   |
| 9.0  | .102                  | .059 | .031 | .088 | .052 | .027 | .061                                       | .036 | .019 | .035 | .021 | .011 | .011 | .007 | .004 |   |
| 10.0 | .097                  | .055 | .027 | .084 | .048 | .024 | .058                                       | .034 | .017 | .034 | .020 | .010 | .011 | .007 | .003 |   |

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                  |      |      |      |   |                |      |             |      |      |
| NAME: VIBES-VISR-14W-927-36°   |                  |      |      |      | TYPE:Downlight  |                |      | SERIAL No.: |      |      |
| SPEC.:2700K  |                  |      |      |      | DIM.: $\phi 77\text{mm} \times H39\text{mm} \times 2$ |                |      |             |      |      |
| 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  | 22.5             | 23.5 | 22.7 | 23.7 | 23.9  | 22.4           | 23.4 | 22.6        | 23.6 | 23.8 |
| 3H   | 24.0             | 25.0 | 24.3 | 25.2 | 25.4  | 23.9           | 24.8 | 24.2        | 25.0 | 25.2 |
| 4H   | 24.7             | 25.6 | 25.0 | 25.9 | 26.1  | 24.6           | 25.5 | 24.9        | 25.7 | 26.0 |
| 6H   | 25.4             | 26.2 | 25.7 | 26.5 | 26.7  | 25.2           | 26.1 | 25.5        | 26.3 | 26.6 |
| 8H   | 25.6             | 26.4 | 25.9 | 26.7 | 26.9  | 25.4           | 26.2 | 25.7        | 26.5 | 26.7 |
| 12H  | 25.7             | 26.5 | 26.0 | 26.8 | 27.1  | 25.5           | 26.3 | 25.8        | 26.6 | 26.9 |
| 4H 2H  | 23.1             | 24.0 | 23.3 | 24.2 | 24.4  | 23.0           | 23.9 | 23.3        | 24.1 | 24.4 |
| 3H   | 24.8             | 25.6 | 25.1 | 25.9 | 26.2  | 24.7           | 25.5 | 25.0        | 25.8 | 26.1 |
| 4H   | 25.7             | 26.4 | 26.1 | 26.7 | 27.1  | 25.6           | 26.3 | 25.9        | 26.6 | 26.9 |
| 6H   | 26.5             | 27.2 | 26.9 | 27.5 | 27.9  | 26.4           | 27.0 | 26.7        | 27.3 | 27.7 |
| 8H   | 26.8             | 27.4 | 27.2 | 27.7 | 28.1  | 26.6           | 27.2 | 27.0        | 27.5 | 27.9 |
| 12H  | 26.9             | 27.5 | 27.4 | 27.9 | 28.3  | 26.7           | 27.3 | 27.2        | 27.7 | 28.1 |
| 8H 4H  | 26.1             | 26.7 | 26.5 | 27.0 | 27.4  | 25.9           | 26.5 | 26.3        | 26.9 | 27.3 |
| 6H   | 27.1             | 27.6 | 27.5 | 28.0 | 28.4  | 26.9           | 27.4 | 27.3        | 27.8 | 28.2 |
| 8H   | 27.4             | 27.8 | 27.9 | 28.3 | 28.7  | 27.2           | 27.7 | 27.7        | 28.1 | 28.5 |
| 12H  | 27.7             | 28.0 | 28.1 | 28.5 | 29.0  | 27.5           | 27.8 | 27.9        | 28.3 | 28.8 |
| 12H 4H   | 26.1             | 26.6 | 26.5 | 27.0 | 27.4  | 26.0           | 26.5 | 26.4        | 26.9 | 27.3 |
| 6H   | 27.1             | 27.6 | 27.6 | 28.0 | 28.4  | 27.0           | 27.4 | 27.4        | 27.9 | 28.3 |
| 8H   | 27.5             | 27.9 | 28.0 | 28.3 | 28.8  | 27.4           | 27.7 | 27.8        | 28.2 | 28.6 |
| Variations with the observer position at spacings:                             |                  |      |      |      |   |                |      |             |      |      |
| S = 1.0H   | + 0.2 / - 0.3    |      |      |      |   | + 0.2 / - 0.3  |      |             |      |      |
| 1.5H   | + 0.1 / - 0.2    |      |      |      |   | + 0.1 / - 0.2  |      |             |      |      |
| 2.0H   | + 0.1 / - 0.2    |      |      |      |   | + 0.1 / - 0.2  |      |             |      |      |

CIE Pub.117, 1181 lm Total Lamp Luminous Flux Correct ( $8\log(F/F_0) = 0.6$ )

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |  |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight   | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\varnothing 77\text{mm} \times H39\text{mm} \times 2$ |             |
| MFR.: NEKO LIGHTING AG   |  |             |

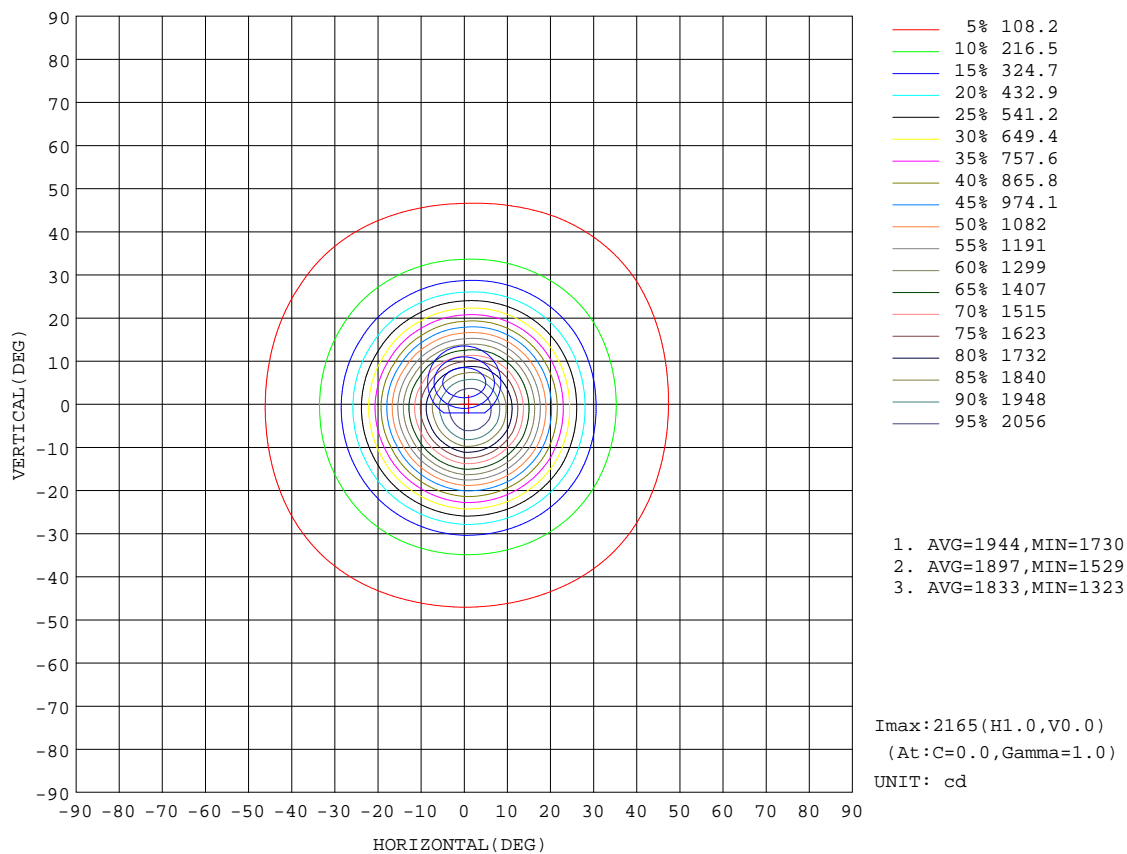
| REFLECTANCE                      |   |     |           |     |     |     |     |               |     |        |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling                          | 0.8   | 0.8 | 0.8       | 0.7 | 0.7 | 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 78  | 70  | 66        | 78  | 70  | 66  | 77  | 70            | 65  | 61     |
| 0.80                             | 86  | 79  | 74        | 86  | 78  | 74  | 84  | 78            | 73  | 69     |
| 1.00                             | 92  | 85  | 80        | 91  | 84  | 80  | 89  | 85            | 79  | 74     |
| 1.25                             | 97  | 90  | 85        | 96  | 89  | 85  | 94  | 88            | 84  | 79     |
| 1.50                             | 100   | 94  | 89        | 99  | 93  | 89  | 96  | 92            | 88  | 82     |
| 2.00                             | 104   | 99  | 94        | 103 | 98  | 94  | 100 | 96            | 92  | 86     |
| 2.50                             | 107   | 102 | 98        | 105 | 100 | 97  | 102 | 98            | 95  | 88     |
| 3.00                             | 109   | 104 | 101       | 107 | 103 | 99  | 103 | 100           | 97  | 90     |
| 4.00                             | 111   | 108 | 105       | 109 | 106 | 103 | 105 | 103           | 101 | 93     |
| 5.00                             | 113   | 110 | 107       | 111 | 108 | 106 | 107 | 105           | 103 | 95     |
| ROOM INDEX                       | UF(total)   |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |   |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:Jasoan  
 Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:58%  
 Test Distance:8.967m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|  |                           |             |
|--|---------------------------|-------------|
| Test:U:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                           |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight            | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi$ 77mm*H39mm*2 |             |
| MFR.: NEKO LIGHTING AG   |                           |             |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

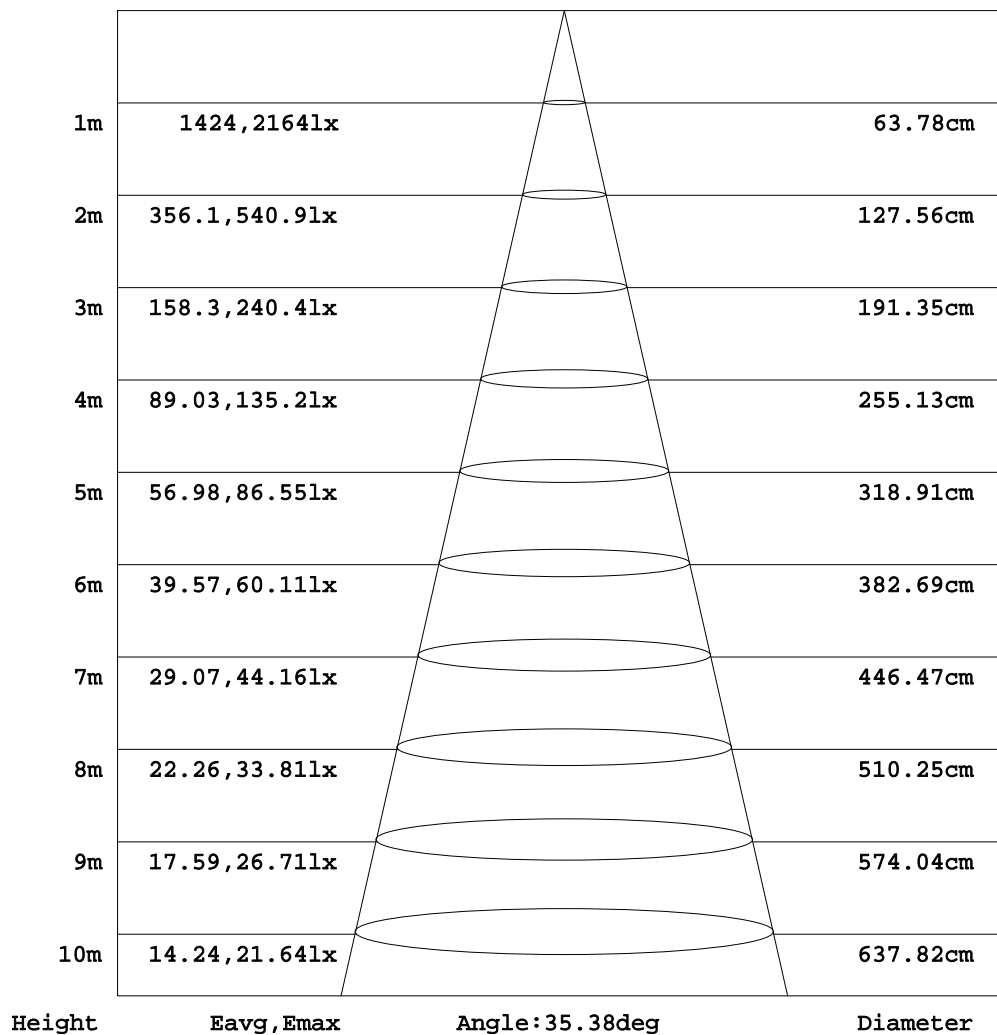
$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
Humidity:58%  
Test Distance:8.967m [K=1.0000]  
Remarks:



**AAI Figure**

|  |   |             |
|--|---|-------------|
| Test:U:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |   |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight  | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi 77\text{mm} \times H39\text{mm} \times 2$ |             |
| MFR.: NEKO LIGHTING AG   |   |             |

Flux out:472.4 lm



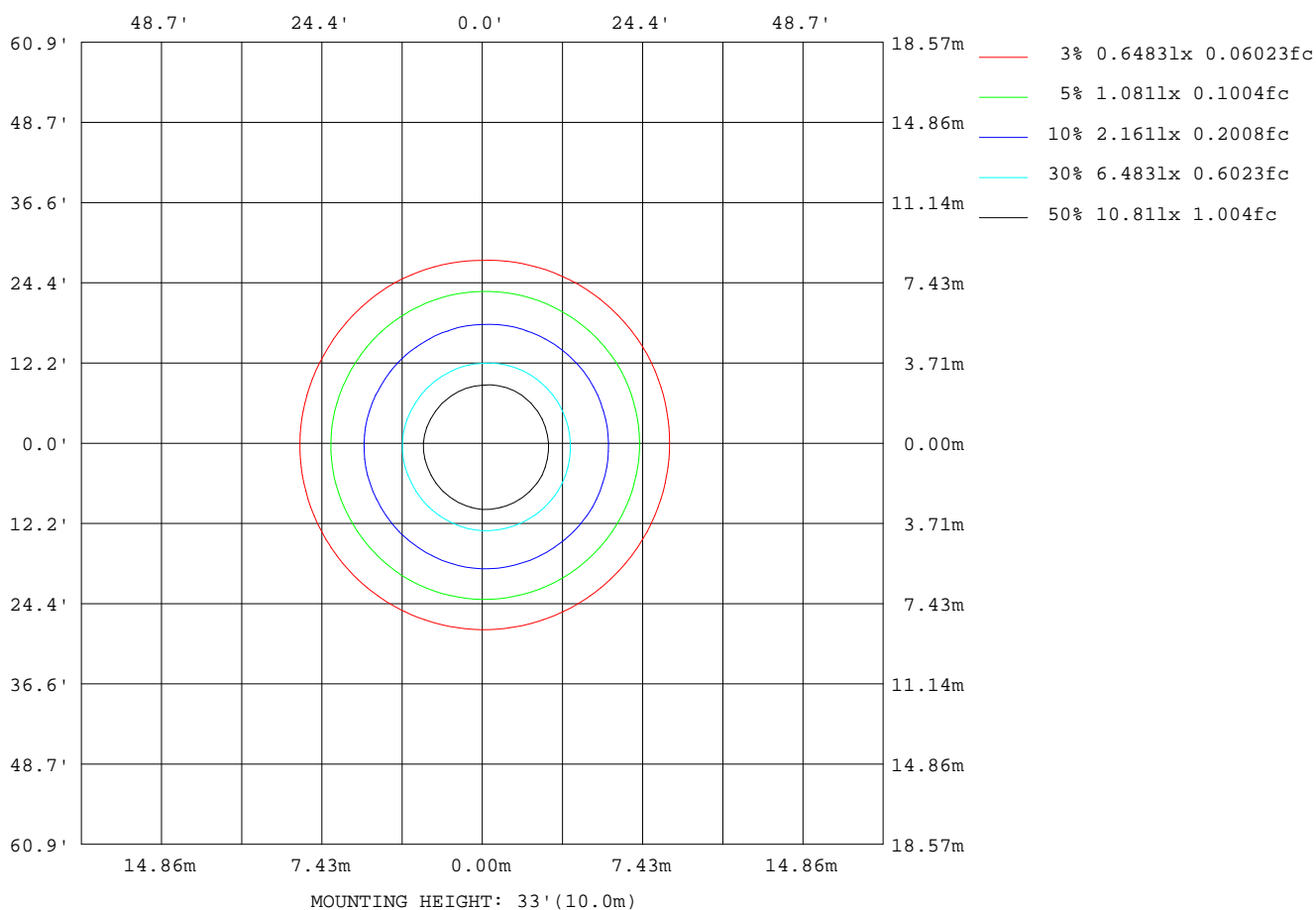
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |   |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight  | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi 77\text{mm} \times H39\text{mm} \times 2$ |             |
| MFR.: NEKO LIGHTING AG   |   |             |



C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:221.0V I:0.1071A P:13.70W PF:0.5786 Freq:49.99Hz Lamp Flux:1181.27x1 lm |                           |             |
| NAME: VIBES-VISR-14W-927-36°   | TYPE:Downlight            | SERIAL No.: |
| SPEC.:2700K  | DIM.: $\phi$ 77mm*H39mm*2 |             |
| MFR.: NEKO LIGHTING AG   |                           |             |

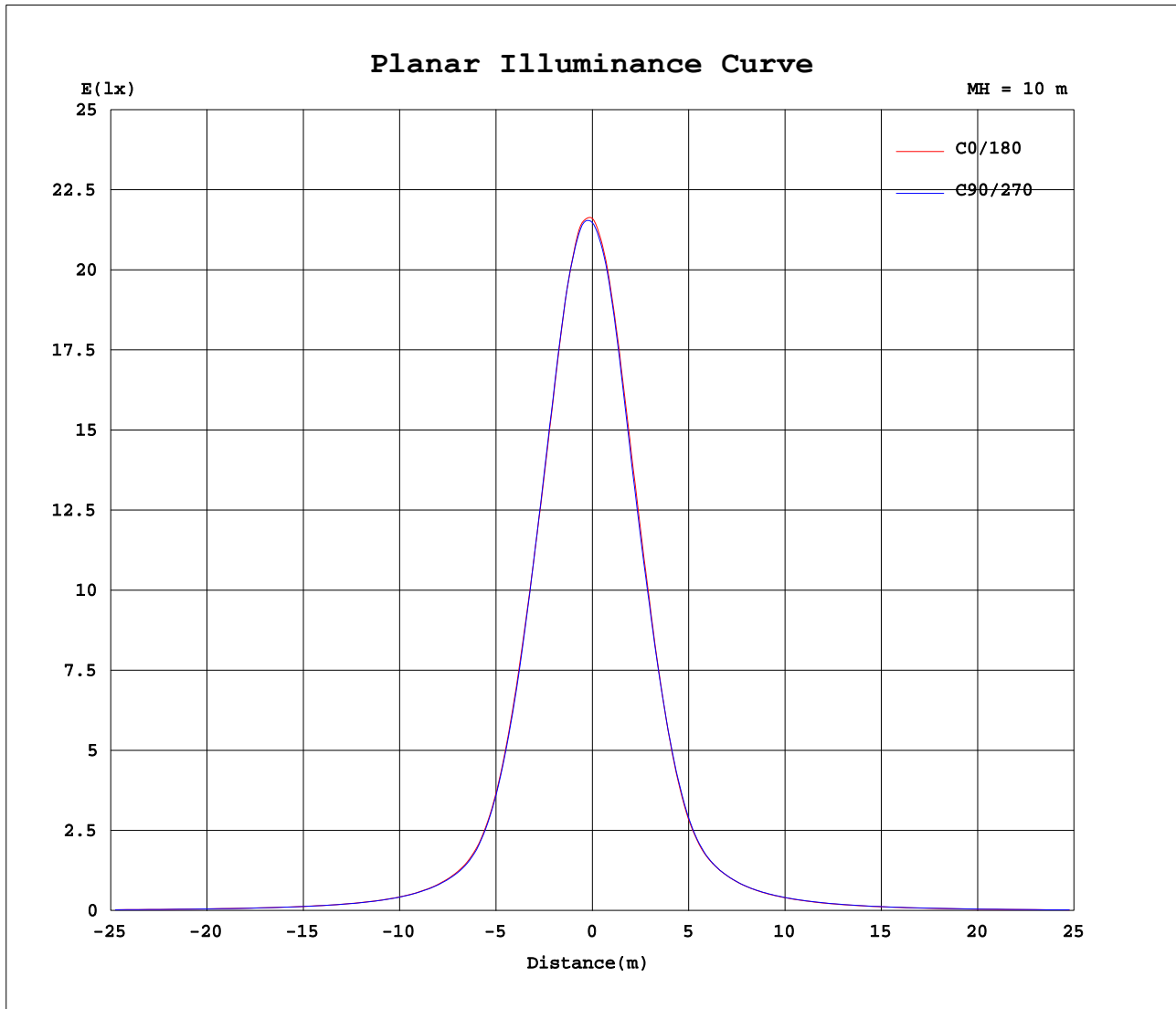
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 37047 |
| L_0~180 (75) av  | 35629 |
| L_0~180 (85) av  | 28289 |
| L_90~270 (65) av | 37463 |
| L_90~270 (75) av | 35781 |
| L_90~270 (85) av | 27904 |
| L_45 (65) av     | 37167 |
| L_45 (75) av     | 35708 |
| L_45 (85) av     | 27706 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 30.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:Jasoan  
Test Date:2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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: 30.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators: Jasoan  
Test Date: 2022-11-28

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:

```