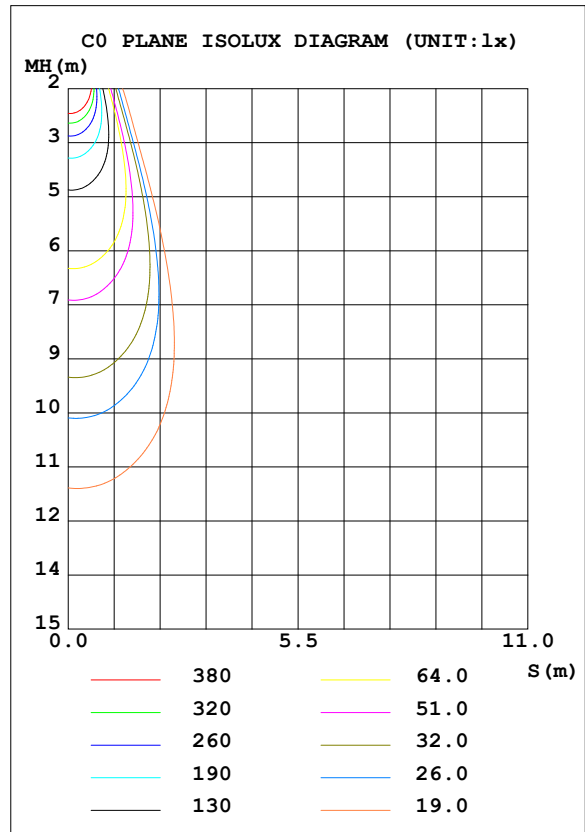
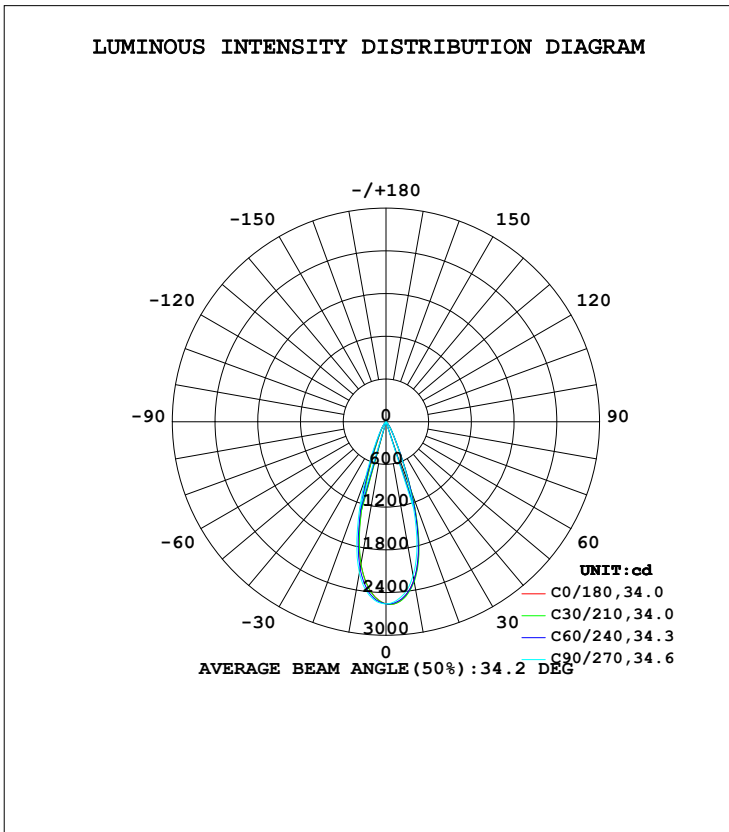


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------|-------------|
| Test:U:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 65.83 lm/W | | | |
|-------------------|---------------|----------------------------------|--------|---------------------|-----------|
| MODEL | CITIZEN-2700K | I _{max} (cd) | 2566 | S/MH (C0/180) | 0.49 |
| NOMINAL POWER (W) | 15 | LOR (%) | 100.0 | S/MH (C90/270) | 0.53 |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 912.65 | η UP, DN (C0-180) | 0.0, 51.9 |
| NOMINAL FLUX (lm) | 912.648 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 48.1 |
| 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 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jasoan
Test Date: 2022-05-10

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 | 2258 | 2270 | 2195 | 2085 | 2032 | 2060 | 2153 | 2234 | 0- 10 | 225.6 | 225.6 | 24.7,24.7 |
| 20 | 1021 | 1031 | 950.6 | 763.3 | 640.4 | 687.2 | 847.5 | 967.5 | 10- 20 | 422.9 | 648.5 | 71.1,71.1 |
| 30 | 187.8 | 194.5 | 189.1 | 156.9 | 137.4 | 151.4 | 179.4 | 193.6 | 20- 30 | 184.3 | 832.8 | 91.3,91.3 |
| 40 | 54.84 | 55.38 | 49.80 | 41.19 | 36.97 | 40.27 | 46.38 | 51.32 | 30- 40 | 59.84 | 892.7 | 97.8,97.8 |
| 50 | 8.844 | 9.113 | 8.429 | 6.854 | 5.905 | 6.738 | 7.479 | 7.953 | 40- 50 | 16.26 | 908.9 | 99.6,99.6 |
| 60 | 1.415 | 1.550 | 1.309 | 0.9068 | 0.6145 | 0.7524 | 1.027 | 1.293 | 50- 60 | 3.274 | 912.2 | 100,100 |
| 70 | 0.1253 | 0.0942 | 0.0732 | 0.0939 | 0.0626 | 0.0863 | 0.1099 | 0.0915 | 60- 70 | 0.3347 | 912.5 | 100,100 |
| 80 | 0.0627 | 0.0444 | 0.0314 | 0.0419 | 0.0366 | 0.0471 | 0.0576 | 0.0418 | 70- 80 | 0.0655 | 912.6 | 100,100 |
| 90 | 0.0366 | 0.0340 | 0.0314 | 0.0313 | 0.0366 | 0.0366 | 0.0366 | 0.0340 | 80- 90 | 0.0428 | 912.6 | 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): 904.23 lm

%lum = 99.1%
%lamp = 99.1%

Conical surface Flux(120deg): 912.21 lm

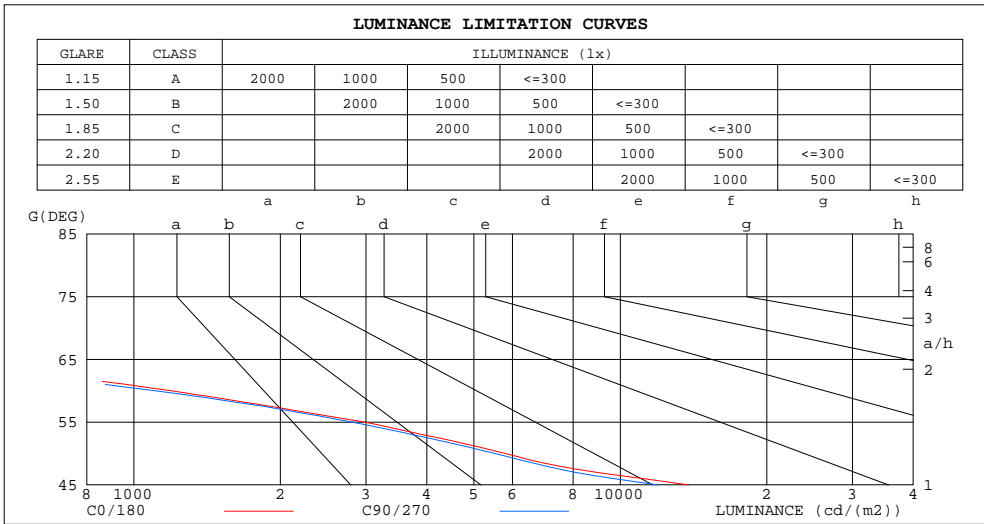
%lum = 100.0%
%lamp = 100.0%

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jasoan
Test Date:2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 228 | 152 |
| 80 | 152 | 76 |
| 75 | 128 | 51 |
| 70 | 154 | 90 |
| 65 | 288 | 182 |
| 60 | 1191 | 1102 |
| 55 | 2980 | 2805 |
| 50 | 5794 | 5523 |
| 45 | 13824 | 11931 |

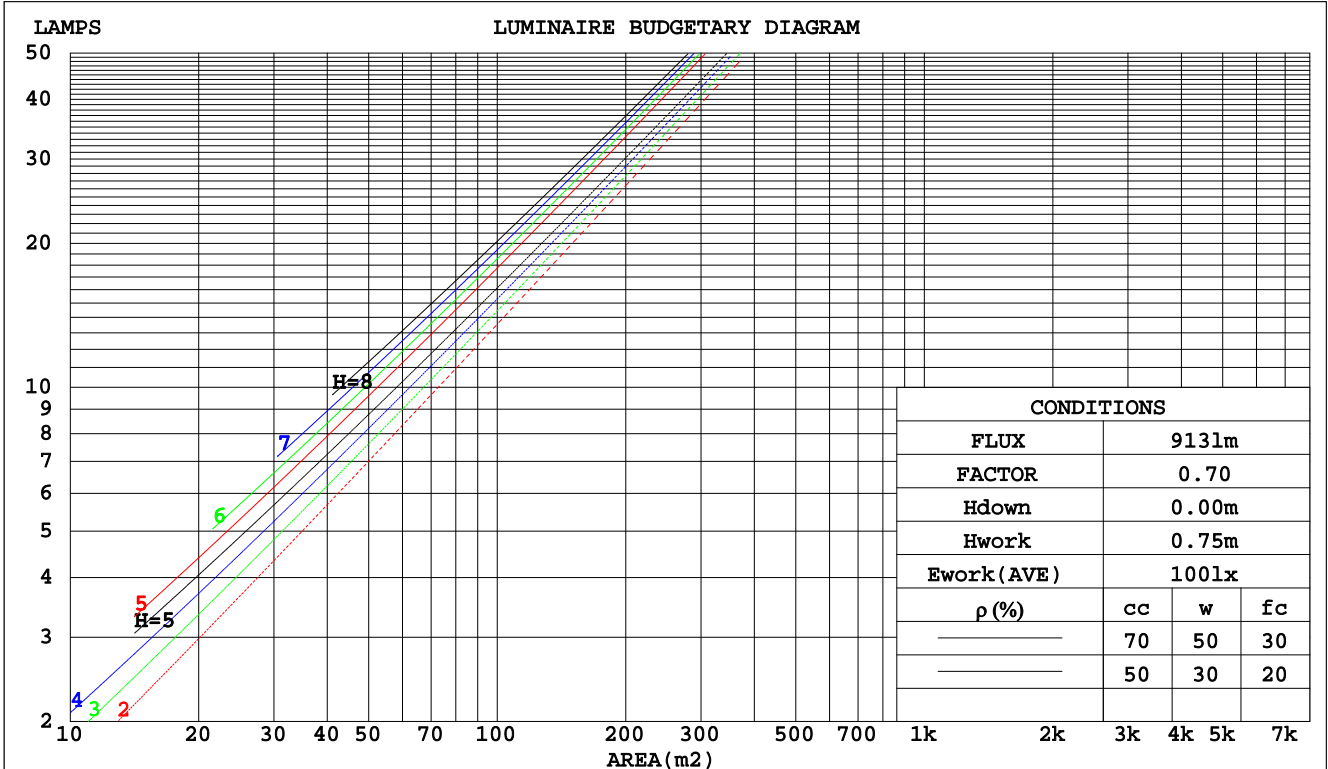
C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| 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 | | | | | | | | | | | | | | | |
| | 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 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.07 | 1.06 | 1.05 | 1.03 | 1.03 | 1.01 | 1.00 | .99 | .98 | .98 | .96 |
| 2.0 | 1.06 | 1.03 | 1.01 | 1.05 | 1.02 | .99 | 1.02 | .99 | .97 | .99 | .97 | .95 | .96 | .95 | .93 | .92 |
| 3.0 | 1.01 | .97 | .94 | .90 | .96 | .93 | .97 | .94 | .92 | .95 | .93 | .91 | .93 | .91 | .89 | .88 |
| 4.0 | .97 | .92 | .89 | .96 | .92 | .89 | .94 | .90 | .88 | .92 | .89 | .87 | .90 | .88 | .86 | .84 |
| 5.0 | .92 | .88 | .85 | .92 | .87 | .84 | .90 | .86 | .84 | .88 | .85 | .83 | .87 | .84 | .82 | .81 |
| 6.0 | .89 | .84 | .81 | .88 | .84 | .80 | .87 | .83 | .80 | .85 | .82 | .79 | .84 | .81 | .79 | .78 |
| 7.0 | .85 | .81 | .77 | .85 | .80 | .77 | .83 | .80 | .77 | .82 | .79 | .76 | .81 | .78 | .76 | .75 |
| 8.0 | .82 | .77 | .74 | .82 | .77 | .74 | .81 | .77 | .74 | .80 | .76 | .74 | .79 | .76 | .73 | .72 |
| 9.0 | .79 | .74 | .71 | .79 | .74 | .71 | .78 | .74 | .71 | .77 | .73 | .71 | .76 | .73 | .71 | .70 |
| 10.0 | .76 | .72 | .69 | .76 | .72 | .69 | .75 | .71 | .69 | .75 | .71 | .68 | .74 | .71 | .68 | .67 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| 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 | .147 | .084 | .026 | .140 | .080 | .025 | .128 | .073 | .023 | .116 | .067 | .022 | .106 | .061 | .020 | |
| 2.0 | .138 | .075 | .023 | .132 | .073 | .022 | .122 | .068 | .021 | .112 | .063 | .020 | .104 | .059 | .018 | |
| 3.0 | .129 | .069 | .021 | .125 | .067 | .020 | .116 | .063 | .019 | .108 | .059 | .018 | .101 | .056 | .017 | |
| 4.0 | .122 | .063 | .019 | .118 | .062 | .018 | .111 | .059 | .018 | .104 | .056 | .017 | .098 | .053 | .016 | |
| 5.0 | .116 | .059 | .017 | .112 | .058 | .017 | .106 | .055 | .016 | .100 | .053 | .016 | .095 | .051 | .015 | |
| 6.0 | .110 | .055 | .016 | .107 | .054 | .016 | .102 | .052 | .015 | .096 | .050 | .015 | .092 | .048 | .014 | |
| 7.0 | .105 | .052 | .015 | .102 | .051 | .015 | .097 | .049 | .014 | .093 | .048 | .014 | .089 | .046 | .014 | |
| 8.0 | .100 | .049 | .014 | .098 | .048 | .014 | .094 | .047 | .013 | .090 | .045 | .013 | .086 | .044 | .013 | |
| 9.0 | .096 | .046 | .013 | .094 | .046 | .013 | .090 | .045 | .013 | .087 | .043 | .012 | .083 | .042 | .012 | |
| 10.0 | .092 | .044 | .012 | .090 | .044 | .012 | .087 | .043 | .012 | .084 | .042 | .012 | .081 | .041 | .012 | |

| 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 | .169 | .158 | .147 | .145 | .135 | .127 | .099 | .093 | .088 | .057 | .054 | .051 | .018 | .017 | .016 | |
| 2.0 | .152 | .133 | .117 | .130 | .114 | .101 | .089 | .079 | .070 | .051 | .046 | .041 | .016 | .015 | .013 | |
| 3.0 | .137 | .113 | .094 | .118 | .098 | .082 | .081 | .068 | .057 | .047 | .040 | .034 | .015 | .013 | .011 | |
| 4.0 | .126 | .098 | .077 | .108 | .085 | .067 | .074 | .059 | .047 | .043 | .035 | .028 | .014 | .011 | .009 | |
| 5.0 | .116 | .086 | .064 | .099 | .074 | .056 | .068 | .052 | .039 | .040 | .031 | .023 | .013 | .010 | .008 | |
| 6.0 | .107 | .076 | .054 | .092 | .066 | .047 | .064 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .007 | |
| 7.0 | .100 | .068 | .046 | .086 | .059 | .040 | .059 | .041 | .028 | .034 | .024 | .017 | .011 | .008 | .006 | |
| 8.0 | .094 | .062 | .040 | .081 | .053 | .035 | .056 | .038 | .024 | .032 | .022 | .015 | .011 | .007 | .005 | |
| 9.0 | .088 | .056 | .034 | .076 | .049 | .030 | .053 | .034 | .021 | .031 | .020 | .013 | .010 | .007 | .004 | |
| 10.0 | .084 | .051 | .030 | .072 | .045 | .026 | .050 | .031 | .019 | .029 | .019 | .011 | .009 | .006 | .004 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| 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 | 14.5 | 15.3 | 14.7 | 15.4 | 15.6 | 14.3 | 15.0 | 14.5 | 15.1 | 15.3 |
| 3H | 14.4 | 15.0 | 14.6 | 15.2 | 15.4 | 14.1 | 14.8 | 14.4 | 15.0 | 15.2 |
| 4H | 14.3 | 14.9 | 14.6 | 15.1 | 15.4 | 14.0 | 14.7 | 14.3 | 14.9 | 15.1 |
| 6H | 14.2 | 14.8 | 14.5 | 15.0 | 15.3 | 13.9 | 14.5 | 14.2 | 14.8 | 15.0 |
| 8H | 14.2 | 14.7 | 14.5 | 15.0 | 15.2 | 13.9 | 14.5 | 14.2 | 14.7 | 15.0 |
| 12H | 14.1 | 14.7 | 14.4 | 14.9 | 15.2 | 13.9 | 14.4 | 14.2 | 14.7 | 14.9 |
| 4H 2H | 14.3 | 14.9 | 14.6 | 15.1 | 15.4 | 14.0 | 14.7 | 14.3 | 14.9 | 15.1 |
| 3H | 14.1 | 14.7 | 14.4 | 14.9 | 15.2 | 13.9 | 14.4 | 14.2 | 14.7 | 15.0 |
| 4H | 14.0 | 14.5 | 14.4 | 14.8 | 15.1 | 13.8 | 14.3 | 14.1 | 14.6 | 14.9 |
| 6H | 13.9 | 14.4 | 14.3 | 14.7 | 15.0 | 13.7 | 14.1 | 14.0 | 14.4 | 14.8 |
| 8H | 13.9 | 14.3 | 14.3 | 14.6 | 15.0 | 13.6 | 14.0 | 14.0 | 14.4 | 14.7 |
| 12H | 13.8 | 14.2 | 14.2 | 14.6 | 15.0 | 13.6 | 13.9 | 14.0 | 14.3 | 14.7 |
| 8H 4H | 13.9 | 14.3 | 14.3 | 14.6 | 15.0 | 13.6 | 14.0 | 14.0 | 14.4 | 14.7 |
| 6H | 13.8 | 14.1 | 14.2 | 14.5 | 14.9 | 13.5 | 13.9 | 13.9 | 14.2 | 14.7 |
| 8H | 13.7 | 14.0 | 14.1 | 14.4 | 14.9 | 13.4 | 13.8 | 13.9 | 14.2 | 14.6 |
| 12H | 13.6 | 13.9 | 14.1 | 14.3 | 14.8 | 13.4 | 13.7 | 13.9 | 14.1 | 14.6 |
| 12H 4H | 13.8 | 14.2 | 14.2 | 14.6 | 15.0 | 13.6 | 13.9 | 14.0 | 14.3 | 14.7 |
| 6H | 13.7 | 14.0 | 14.1 | 14.4 | 14.9 | 13.4 | 13.8 | 13.9 | 14.2 | 14.6 |
| 8H | 13.6 | 13.9 | 14.1 | 14.3 | 14.8 | 13.4 | 13.7 | 13.9 | 14.1 | 14.6 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 3.0 / -13.2 | | | | | + 2.8 / -13.1 | | | | |
| 1.5H | + 5.2 / - 8.9 | | | | | + 5.0 / - 8.9 | | | | |
| 2.0H | + 6.7 / -13.4 | | | | | + 6.2 / -13.3 | | | | |

CIE Pub.117, 912.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |

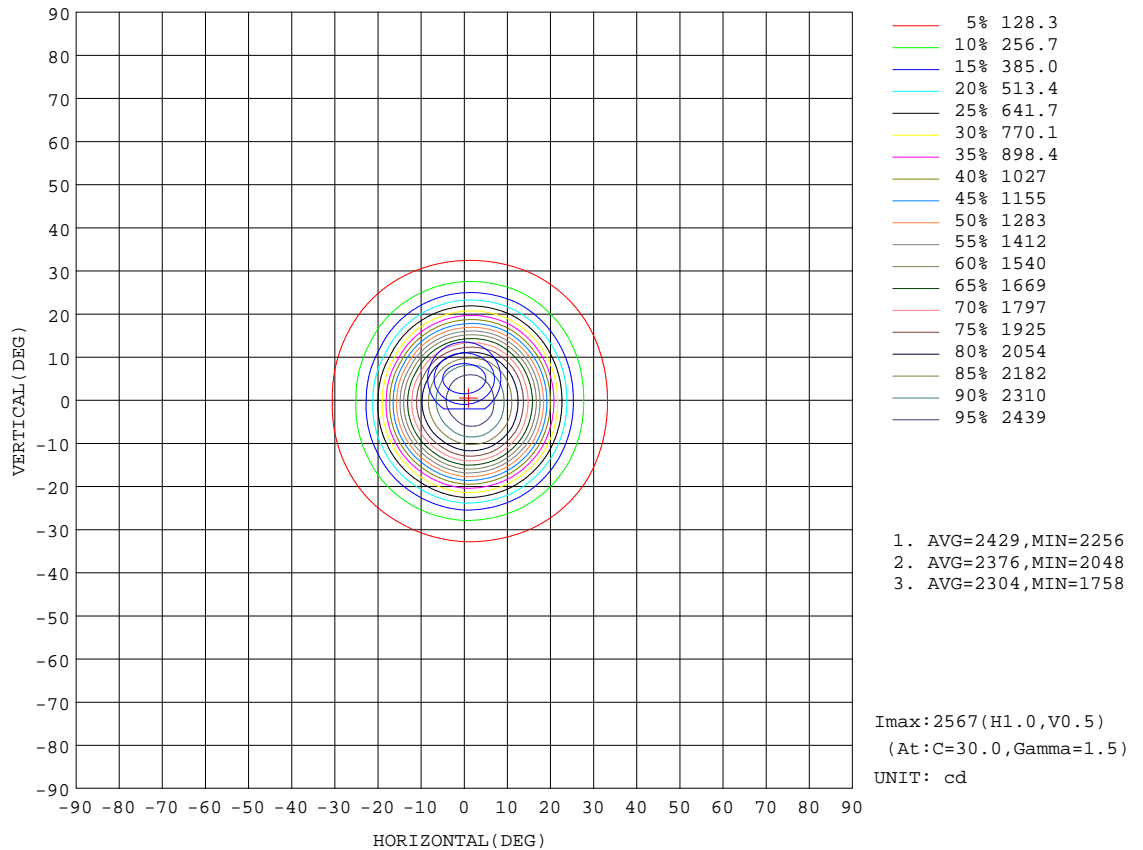
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 90 | 84 | 81 | 90 | 84 | 81 | 89 | 84 | 81 | 77 |
| 0.80 | 97 | 92 | 89 | 97 | 92 | 88 | 95 | 91 | 88 | 85 |
| 1.00 | 101 | 96 | 93 | 100 | 96 | 93 | 99 | 95 | 92 | 88 |
| 1.25 | 105 | 100 | 97 | 104 | 100 | 97 | 102 | 98 | 96 | 92 |
| 1.50 | 107 | 103 | 100 | 106 | 102 | 100 | 104 | 101 | 98 | 94 |
| 2.00 | 110 | 106 | 103 | 108 | 105 | 102 | 106 | 103 | 101 | 96 |
| 2.50 | 111 | 108 | 105 | 110 | 106 | 104 | 107 | 104 | 102 | 96 |
| 3.00 | 112 | 109 | 107 | 111 | 108 | 106 | 107 | 105 | 104 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 108 | 109 | 107 | 106 | 99 |
| 5.00 | 116 | 114 | 112 | 113 | 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: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jasoan
Test Date:2022-05-10

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:

ISOCANDELA DIAGRAM

| | | |
|--|--------------------|-------------|
| Test:U:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |

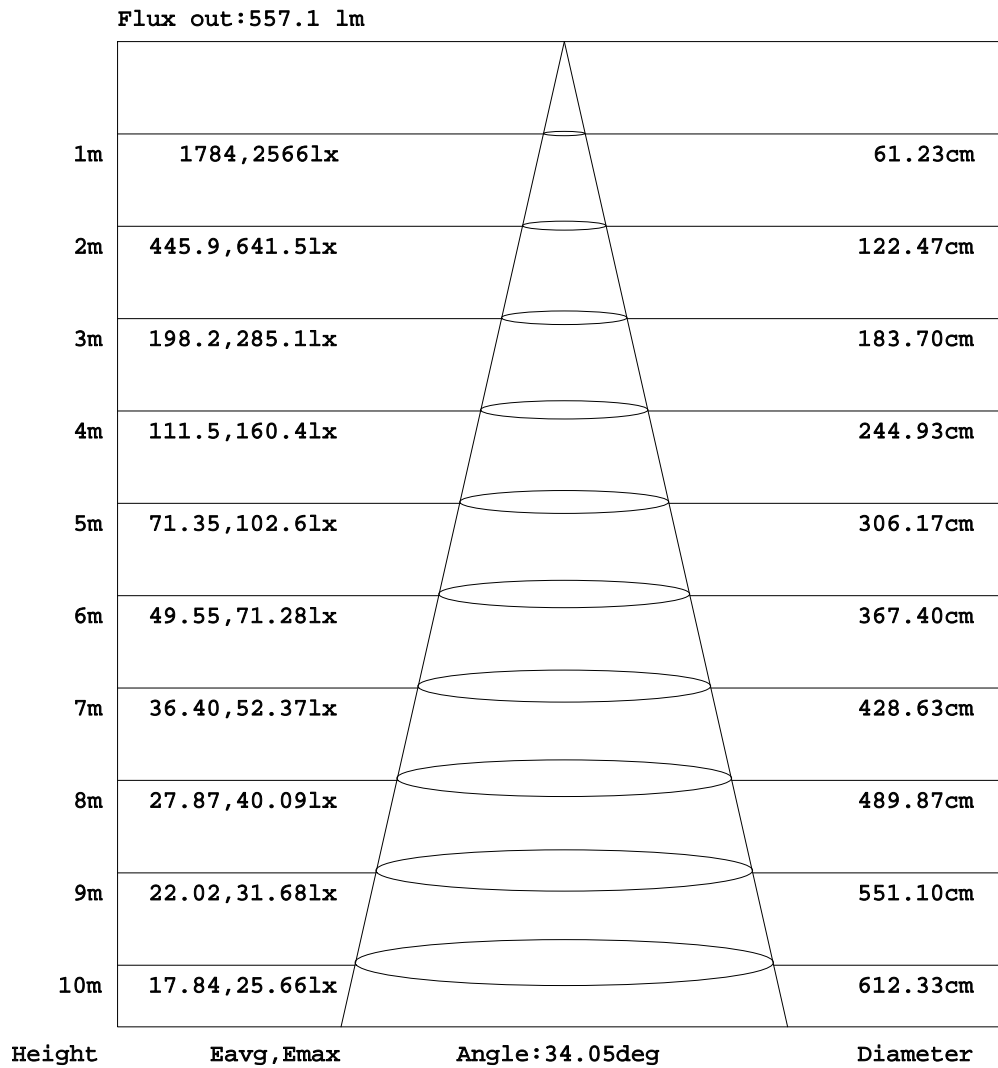


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jasoan
 Test Date: 2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |



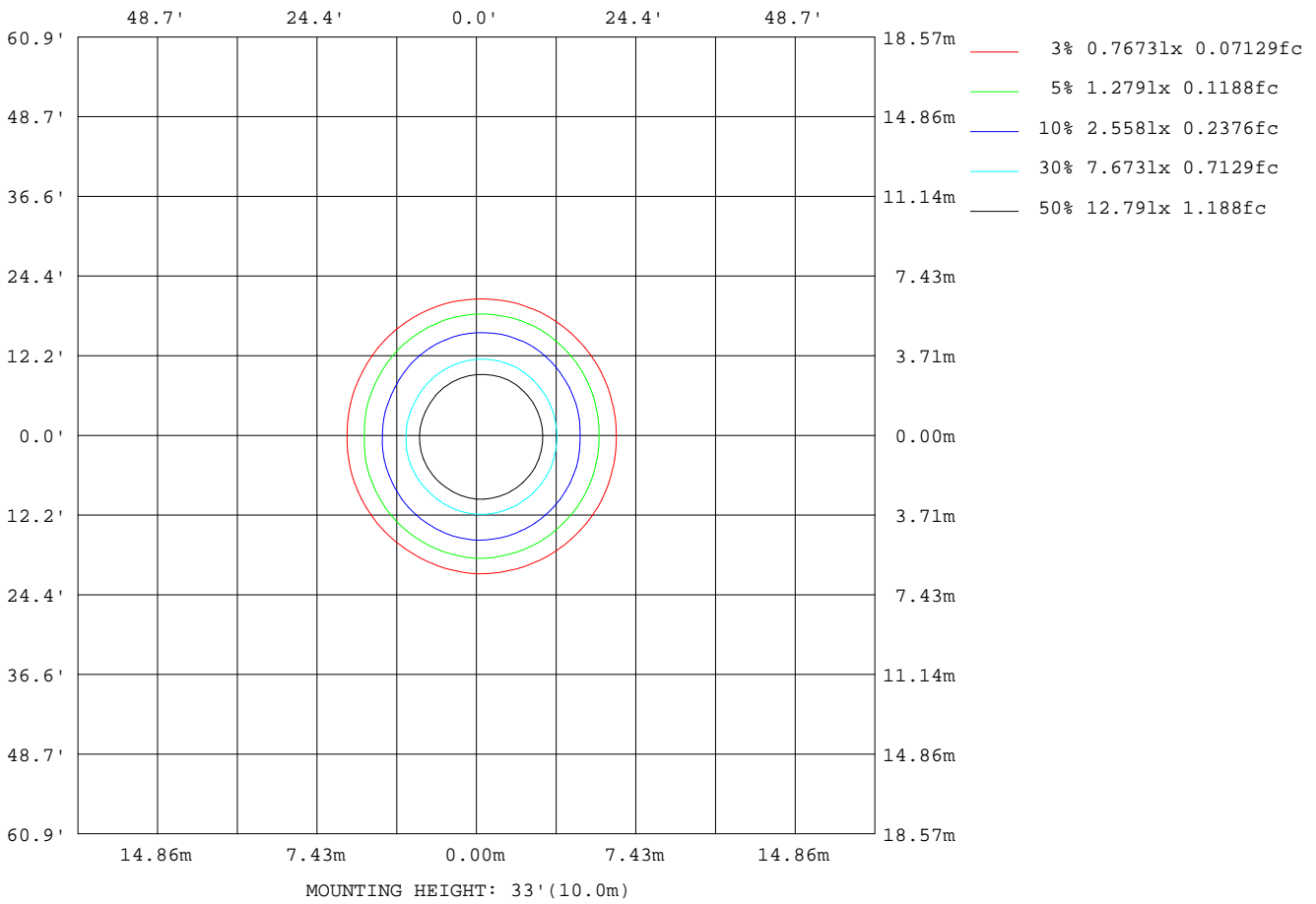
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jasoan
Test Date:2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |

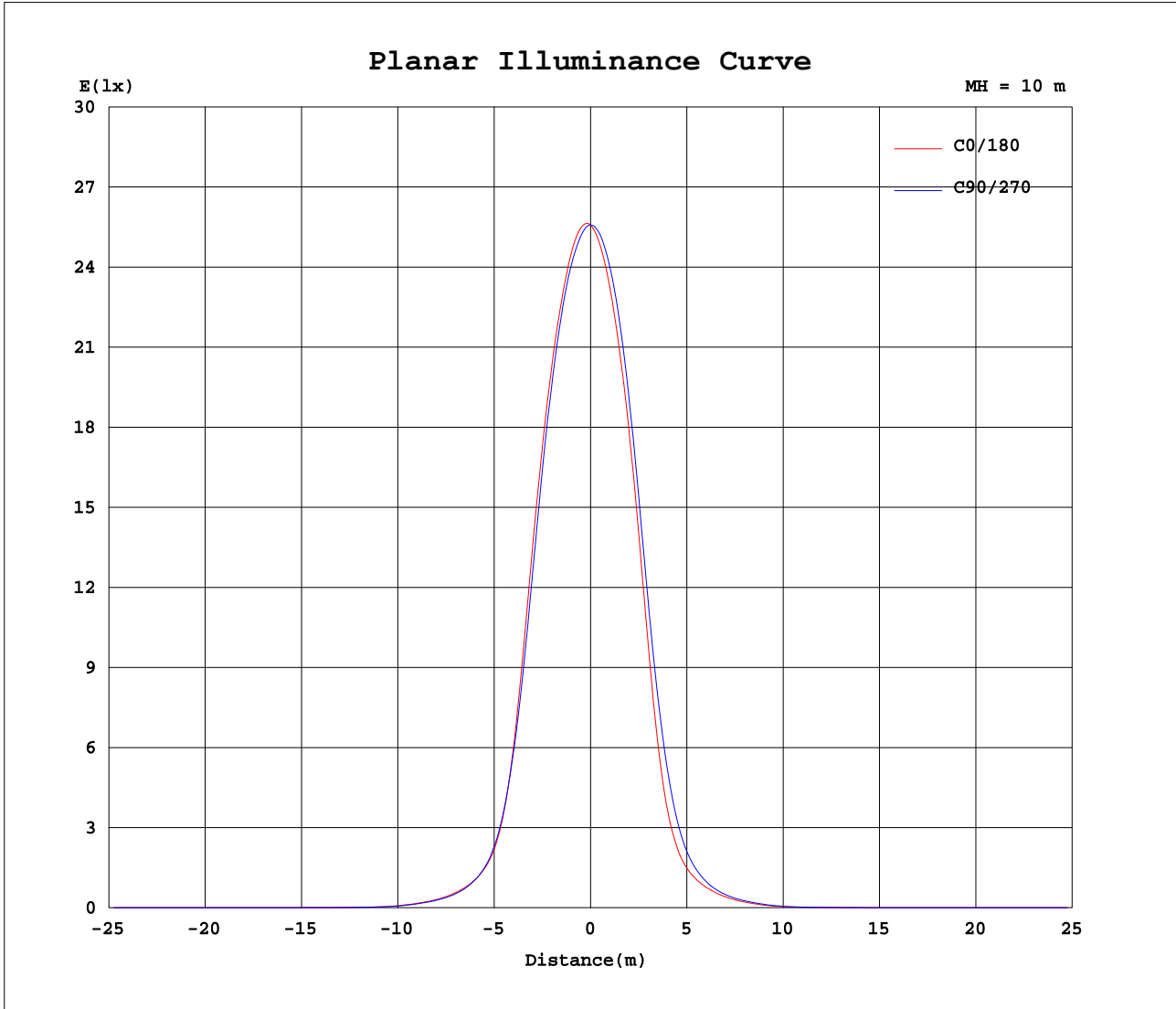
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 196 |
| L_0~180 (75) av | 94 |
| L_0~180 (85) av | 202 |
| L_90~270 (65) av | 193 |
| L_90~270 (75) av | 89 |
| L_90~270 (85) av | 189 |
| L_45 (65) av | 193 |
| L_45 (75) av | 90 |
| L_45 (85) av | 182 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jasoan
Test Date:2022-05-10

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: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jasoan
 Test Date: 2022-05-10

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------------|-------------|
| Test:U:221.0V I:0.0657A P:13.86W PF:0.9544 Freq:49.90Hz Lamp Flux:912.648x1 lm | | |
| NAME: PURE Art-15W-927-36D | TYPE:Tracklight | SERIAL No.: |
| SPEC.:2700K | DIM.: φ55mm*H150mm | |
| MFR.: NEKO LIGHTING AG | | |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|
| 0 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | 2558 | | | | | | | | |
| 5 | 2513 | 2518 | 2499 | 2468 | 2427 | 2404 | 2400 | 2405 | 2442 | 2467 | 2495 | 2502 | | | | | | | | |
| 10 | 2258 | 2280 | 2260 | 2195 | 2112 | 2059 | 2032 | 2027 | 2093 | 2153 | 2220 | 2248 | | | | | | | | |
| 15 | 1773 | 1793 | 1751 | 1669 | 1533 | 1451 | 1389 | 1359 | 1449 | 1550 | 1682 | 1739 | | | | | | | | |
| 20 | 1021 | 1046 | 1015 | 951 | 815 | 711 | 640 | 635 | 739 | 847 | 946 | 989 | | | | | | | | |
| 25 | 405 | 425 | 435 | 419 | 350 | 291 | 260 | 272 | 325 | 380 | 420 | 414 | | | | | | | | |
| 30 | 188 | 194 | 195 | 189 | 166 | 148 | 137 | 144 | 159 | 179 | 194 | 193 | | | | | | | | |
| 35 | 104 | 107 | 104 | 95.9 | 83.5 | 78.7 | 74.9 | 77.5 | 84.4 | 90.4 | 97.5 | 102 | | | | | | | | |
| 40 | 54.8 | 55.9 | 54.9 | 49.8 | 43.1 | 39.3 | 37.0 | 38.3 | 42.3 | 46.4 | 50.5 | 52.2 | | | | | | | | |
| 45 | 23.2 | 23.9 | 22.8 | 20.0 | 15.9 | 14.0 | 12.8 | 13.4 | 14.7 | 16.4 | 19.5 | 21.0 | | | | | | | | |
| 50 | 8.84 | 9.04 | 9.18 | 8.43 | 7.20 | 6.51 | 5.90 | 6.50 | 6.98 | 7.48 | 7.87 | 8.04 | | | | | | | | |
| 55 | 4.06 | 4.44 | 4.26 | 3.82 | 3.10 | 2.73 | 2.33 | 2.53 | 2.93 | 3.26 | 3.51 | 3.70 | | | | | | | | |
| 60 | 1.41 | 1.61 | 1.49 | 1.31 | 1.03 | 0.79 | 0.61 | 0.69 | 0.82 | 1.03 | 1.21 | 1.37 | | | | | | | | |
| 65 | 0.29 | 0.28 | 0.25 | 0.18 | 0.19 | 0.11 | 0.10 | 0.16 | 0.13 | 0.20 | 0.17 | 0.25 | | | | | | | | |
| 70 | 0.13 | 0.07 | 0.12 | 0.07 | 0.11 | 0.07 | 0.06 | 0.10 | 0.07 | 0.11 | 0.07 | 0.11 | | | | | | | | |
| 75 | 0.08 | 0.03 | 0.08 | 0.03 | 0.07 | 0.03 | 0.04 | 0.08 | 0.04 | 0.08 | 0.03 | 0.08 | | | | | | | | |
| 80 | 0.06 | 0.03 | 0.06 | 0.03 | 0.05 | 0.03 | 0.04 | 0.06 | 0.04 | 0.06 | 0.03 | 0.06 | | | | | | | | |
| 85 | 0.05 | 0.03 | 0.05 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | 0.03 | 0.05 | | | | | | | | |
| 90 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jasoan
 Test Date:2022-05-10

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: