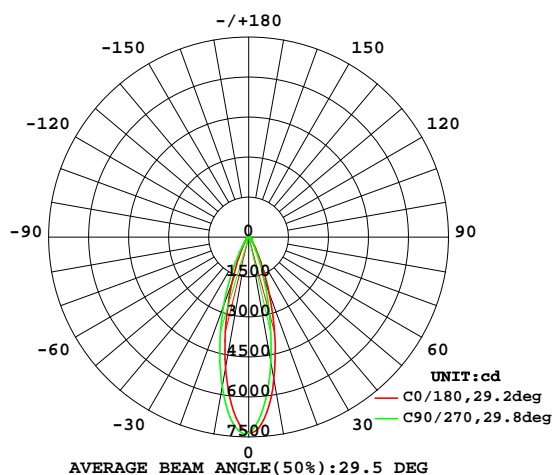


LUMINAIRE PHOTOMETRIC TEST REPORT

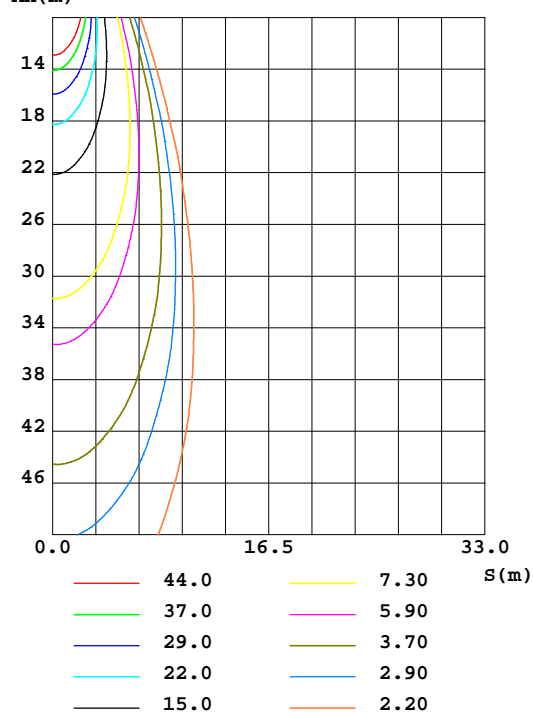
| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 78.03 lm/W | | | |
|------------------|-----------------------|----------------------------------|--------|-------------------|----------|
| MODEL | TL-812-35W-2CCT-RC-WH | I _{max} (cd) | 7418 | S/MH(C0/180) | 0.51 |
| NOMINAL POWER(W) | 34 | LOR(%) | 100.0 | S/MH(C90/270) | 0.44 |
| RATED VOLTAGE(V) | 228 | TOTAL FLUX(lm) | 2671.5 | η UP,DN(C0-180) | 0.2,46.1 |
| NOMINAL FLUX(lm) | 2671.52 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.2,53.4 |
| LAMPS INSIDE | 1 | η up(%) | 0.4 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 228.7 | η down(%) | 99.6 | CIBSE SHR MAX | 0.50 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum, lamp |
|----------|-----------------------|-------|--------|--------|-------|-------|-------|-------|----------|-------------|--------------|------------------|
| 10 | 5438 | 5207 | 4795 | 4776 | 5013 | 5383 | 5721 | 5754 | 0- 10 | 593.6 | 593.6 | 22.2,22.2 |
| 20 | 2260 | 2021 | 1715 | 1663 | 1875 | 2311 | 2774 | 2704 | 10- 20 | 982.7 | 1576 | 59,59 |
| 30 | 616.6 | 560.5 | 479.4 | 459.0 | 521.5 | 616.3 | 791.3 | 766.7 | 20- 30 | 554.2 | 2131 | 79.7,79.7 |
| 40 | 214.2 | 196.9 | 186.5 | 183.0 | 198.2 | 216.7 | 241.8 | 234.0 | 30- 40 | 217.8 | 2348 | 87.9,87.9 |
| 50 | 122.7 | 118.3 | 115.4 | 113.3 | 116.8 | 125.8 | 136.2 | 129.6 | 40- 50 | 122.0 | 2470 | 92.5,92.5 |
| 60 | 80.02 | 75.21 | 72.97 | 71.67 | 74.51 | 80.88 | 85.67 | 82.33 | 50- 60 | 87.91 | 2558 | 95.8,95.8 |
| 70 | 46.91 | 44.38 | 43.37 | 42.37 | 45.11 | 47.52 | 50.84 | 50.01 | 60- 70 | 60.73 | 2619 | 98,98 |
| 80 | 19.50 | 18.28 | 17.18 | 17.66 | 19.49 | 20.83 | 21.92 | 20.38 | 70- 80 | 34.82 | 2654 | 99.3,99.3 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 6.652 | 2660 | 99.6,99.6 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 2660 | 99.6,99.6 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 2660 | 99.6,99.6 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 2660 | 99.6,99.6 |
| 130 | 0 | 0 | 0.0428 | 0.0151 | 0 | 0 | 0 | 0 | 120-130 | 0.0003 | 2660 | 99.6,99.6 |
| 140 | 3.427 | 3.935 | 4.464 | 4.540 | 3.423 | 2.904 | 2.304 | 2.309 | 130-140 | 1.025 | 2661 | 99.6,99.6 |
| 150 | 7.085 | 7.361 | 7.595 | 7.813 | 7.059 | 6.702 | 6.325 | 6.332 | 140-150 | 3.329 | 2665 | 99.7,99.7 |
| 160 | 8.513 | 8.278 | 8.297 | 8.729 | 8.292 | 8.374 | 8.409 | 8.393 | 150-160 | 3.650 | 2668 | 99.9,99.9 |
| 170 | 7.789 | 7.293 | 7.371 | 8.076 | 7.433 | 7.775 | 8.201 | 8.403 | 160-170 | 2.334 | 2671 | 100,100 |
| 180 | 7.399 | 7.313 | 7.558 | 8.120 | 7.399 | 7.294 | 7.563 | 8.110 | 170-180 | 0.7255 | 2672 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:7.810m [K=1.0000]
 Remarks:

```

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity: 65.0%
Test Distance: 7.810m [K=1.0000]
Remarks:

```

WEC AND CCEC

| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

| 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 | .176 | .100 | .032 | .169 | .096 | .031 | .156 | .089 | .029 | .144 | .083 | .027 | .133 | .077 | .025 | |
| 2.0 | .165 | .090 | .028 | .159 | .088 | .027 | .149 | .083 | .026 | .139 | .078 | .024 | .129 | .073 | .023 | |
| 3.0 | .154 | .082 | .025 | .150 | .080 | .024 | .140 | .076 | .023 | .132 | .072 | .022 | .124 | .069 | .021 | |
| 4.0 | .145 | .075 | .022 | .141 | .074 | .022 | .133 | .070 | .021 | .125 | .067 | .020 | .119 | .064 | .020 | |
| 5.0 | .136 | .069 | .020 | .132 | .068 | .020 | .126 | .065 | .019 | .119 | .063 | .019 | .113 | .061 | .018 | |
| 6.0 | .128 | .064 | .018 | .125 | .063 | .018 | .119 | .061 | .018 | .114 | .059 | .017 | .109 | .057 | .017 | |
| 7.0 | .121 | .060 | .017 | .119 | .059 | .017 | .114 | .057 | .017 | .109 | .056 | .016 | .104 | .054 | .016 | |
| 8.0 | .115 | .056 | .016 | .113 | .056 | .016 | .108 | .054 | .015 | .104 | .053 | .015 | .100 | .051 | .015 | |
| 9.0 | .110 | .053 | .015 | .108 | .052 | .015 | .103 | .051 | .015 | .100 | .050 | .014 | .096 | .049 | .014 | |
| 10.0 | .105 | .050 | .014 | .103 | .050 | .014 | .099 | .049 | .014 | .096 | .047 | .013 | .092 | .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 | .194 | .194 | .194 | .165 | .165 | .165 | .113 | .113 | .113 | .065 | .065 | .065 | .021 | .021 | .021 | |
| 1.0 | .174 | .161 | .148 | .149 | .138 | .128 | .102 | .095 | .088 | .059 | .055 | .051 | .019 | .018 | .017 | |
| 2.0 | .159 | .136 | .117 | .136 | .117 | .101 | .093 | .081 | .070 | .054 | .047 | .041 | .017 | .015 | .013 | |
| 3.0 | .145 | .117 | .094 | .125 | .101 | .081 | .086 | .070 | .057 | .049 | .041 | .034 | .016 | .013 | .011 | |
| 4.0 | .134 | .102 | .077 | .115 | .088 | .067 | .079 | .061 | .047 | .046 | .036 | .028 | .015 | .012 | .009 | |
| 5.0 | .125 | .090 | .064 | .107 | .078 | .056 | .074 | .054 | .040 | .043 | .032 | .023 | .014 | .010 | .008 | |
| 6.0 | .117 | .081 | .055 | .100 | .070 | .048 | .069 | .049 | .034 | .040 | .029 | .020 | .013 | .009 | .007 | |
| 7.0 | .109 | .073 | .047 | .094 | .063 | .041 | .065 | .044 | .029 | .038 | .026 | .017 | .012 | .009 | .006 | |
| 8.0 | .103 | .066 | .041 | .089 | .058 | .036 | .061 | .040 | .025 | .036 | .024 | .015 | .012 | .008 | .005 | |
| 9.0 | .098 | .061 | .036 | .084 | .053 | .031 | .058 | .037 | .022 | .034 | .022 | .013 | .011 | .007 | .004 | |
| 10.0 | .093 | .056 | .032 | .080 | .049 | .028 | .055 | .034 | .020 | .032 | .020 | .012 | .010 | .007 | .004 | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:7.810m [K=1.0000]
Remarks:

Uncorrected UGR Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|--------|---------------|----------------|-------------------|------|------|------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | | | | | | | | | | |
| NAME: S1-CN002(180528) | | | | | TYPE: | | | WEIGHT: | | | |
| DIM.: | | | | | SPEC.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.: | | | PROTECTION ANGLE: | | | |
| 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 | 2H | 14.2 | 15.0 | 14.4 | 15.2 | 15.4 | 13.7 | 14.6 | 13.9 | 14.7 | 14.9 |
| | 3H | 15.3 | 16.0 | 15.5 | 16.3 | 16.5 | 14.8 | 15.6 | 15.1 | 15.8 | 16.0 |
| | 4H | 15.7 | 16.5 | 16.0 | 16.7 | 16.9 | 15.3 | 16.0 | 15.5 | 16.2 | 16.5 |
| | 6H | 16.1 | 16.8 | 16.4 | 17.1 | 17.3 | 15.6 | 16.3 | 15.9 | 16.6 | 16.8 |
| | 8H | 16.2 | 16.9 | 16.5 | 17.1 | 17.4 | 15.7 | 16.3 | 16.0 | 16.6 | 16.9 |
| | 12H | 16.2 | 16.9 | 16.5 | 17.1 | 17.4 | 15.6 | 16.3 | 16.0 | 16.6 | 16.9 |
| 4H | 2H | 14.6 | 15.3 | 14.8 | 15.5 | 15.8 | 14.2 | 14.9 | 14.5 | 15.2 | 15.4 |
| | 3H | 15.8 | 16.5 | 16.2 | 16.8 | 17.1 | 15.5 | 16.1 | 15.8 | 16.4 | 16.7 |
| | 4H | 16.5 | 17.1 | 16.8 | 17.4 | 17.7 | 16.1 | 16.7 | 16.4 | 17.0 | 17.3 |
| | 6H | 16.9 | 17.5 | 17.3 | 17.8 | 18.2 | 16.5 | 17.0 | 16.9 | 17.4 | 17.7 |
| | 8H | 17.1 | 17.6 | 17.5 | 17.9 | 18.3 | 16.6 | 17.1 | 17.0 | 17.4 | 17.8 |
| | 12H | 17.1 | 17.5 | 17.5 | 17.9 | 18.3 | 16.6 | 17.0 | 17.0 | 17.4 | 17.8 |
| 8H | 4H | 16.6 | 17.1 | 17.0 | 17.5 | 17.9 | 16.3 | 16.8 | 16.7 | 17.1 | 17.5 |
| | 6H | 17.2 | 17.6 | 17.7 | 18.0 | 18.5 | 16.8 | 17.2 | 17.3 | 17.6 | 18.1 |
| | 8H | 17.4 | 17.8 | 17.8 | 18.2 | 18.6 | 16.9 | 17.3 | 17.4 | 17.7 | 18.2 |
| | 12H | 17.4 | 17.7 | 17.9 | 18.2 | 18.7 | 16.9 | 17.3 | 17.4 | 17.7 | 18.2 |
| 12H | 4H | 16.6 | 17.1 | 17.0 | 17.5 | 17.9 | 16.3 | 16.7 | 16.7 | 17.1 | 17.5 |
| | 6H | 17.2 | 17.6 | 17.7 | 18.0 | 18.5 | 16.8 | 17.2 | 17.3 | 17.6 | 18.1 |
| | 8H | 17.4 | 17.7 | 17.9 | 18.2 | 18.7 | 17.0 | 17.3 | 17.5 | 17.8 | 18.2 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.4 | | | | | |
| 1.5H | + 0.4 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.5 / - 0.4 | | | | | + 0.4 / - 0.5 | | | | | |

CIE Pub.117 Corrected 2672 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.4)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:7.810m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

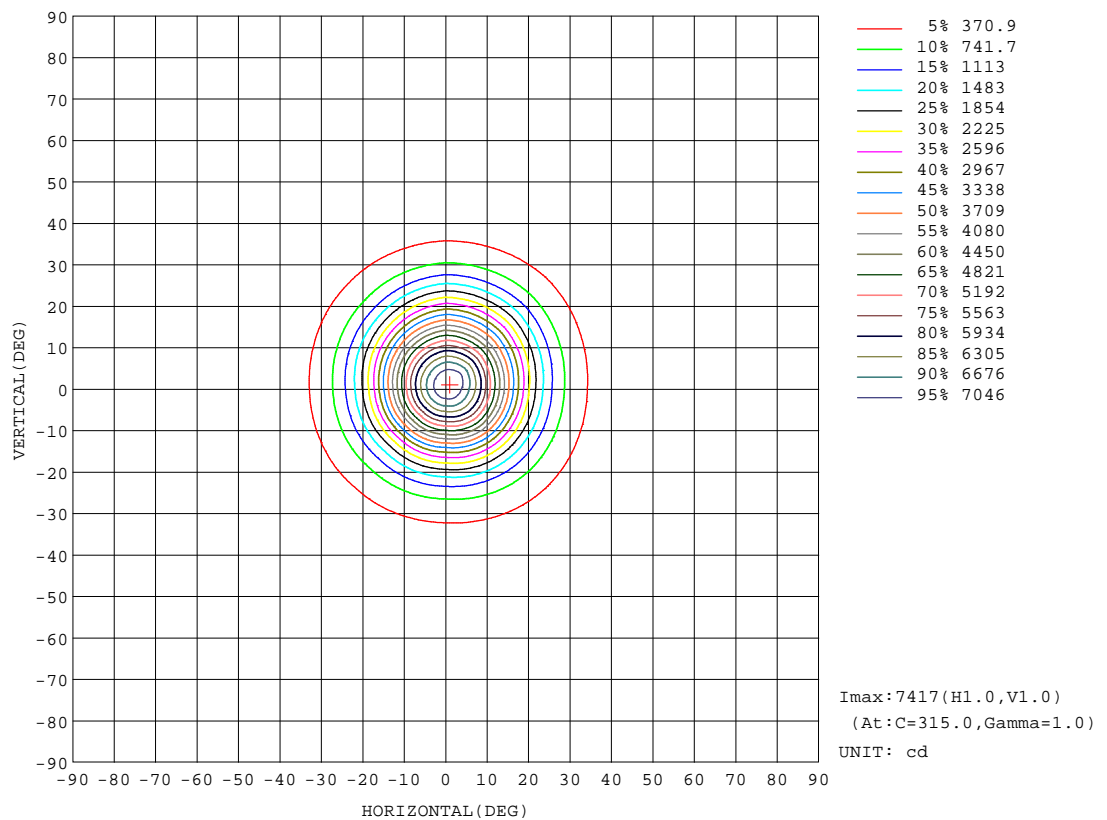
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 84 | 77 | 73 | 84 | 77 | 73 | 83 | 77 | 73 | 69 |
| 0.80 | 92 | 85 | 81 | 91 | 85 | 81 | 90 | 84 | 81 | 77 |
| 1.00 | 96 | 90 | 86 | 96 | 90 | 86 | 94 | 90 | 85 | 81 |
| 1.25 | 101 | 95 | 91 | 100 | 94 | 91 | 98 | 93 | 90 | 85 |
| 1.50 | 104 | 98 | 95 | 102 | 98 | 94 | 100 | 96 | 93 | 88 |
| 2.00 | 107 | 102 | 99 | 105 | 101 | 98 | 102 | 99 | 96 | 91 |
| 2.50 | 109 | 105 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 92 |
| 3.00 | 111 | 107 | 104 | 109 | 105 | 103 | 105 | 103 | 100 | 94 |
| 4.00 | 113 | 110 | 107 | 111 | 108 | 106 | 107 | 105 | 103 | 96 |
| 5.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 106 | 105 | 97 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:7.810m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

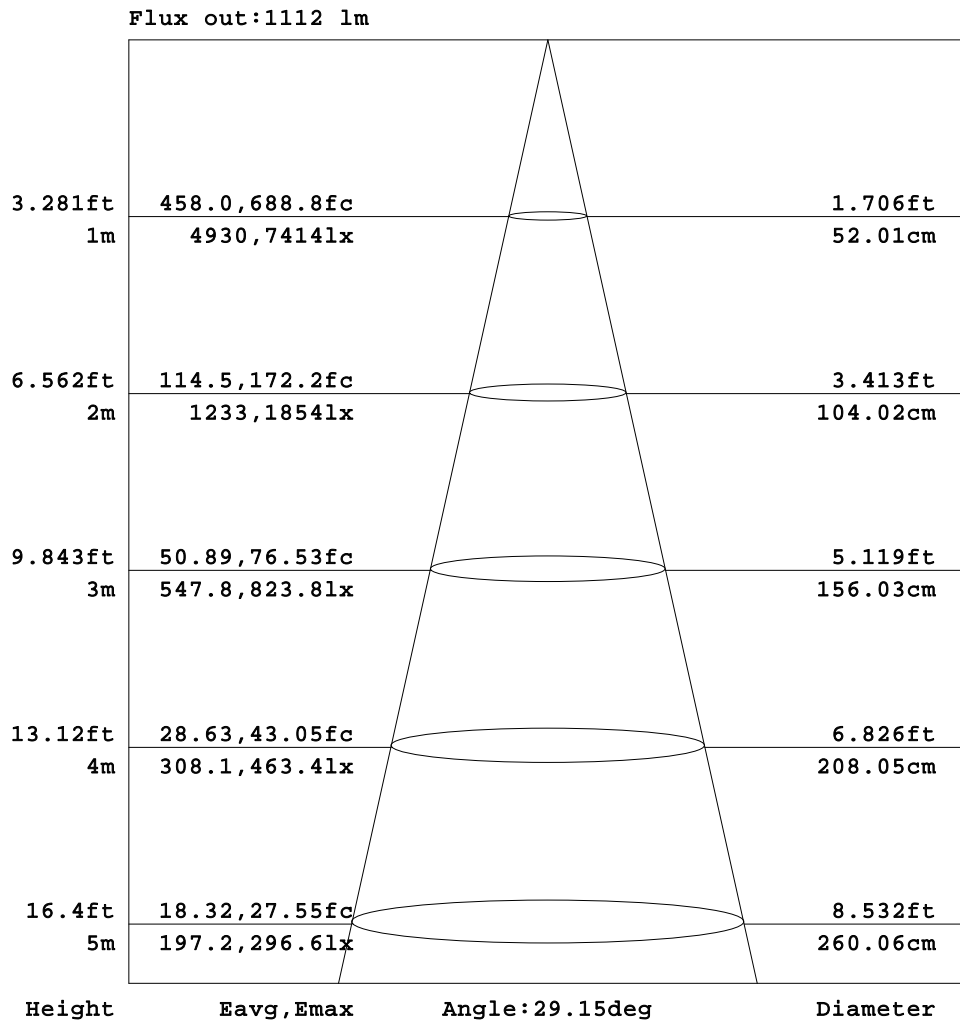


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:7.810m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



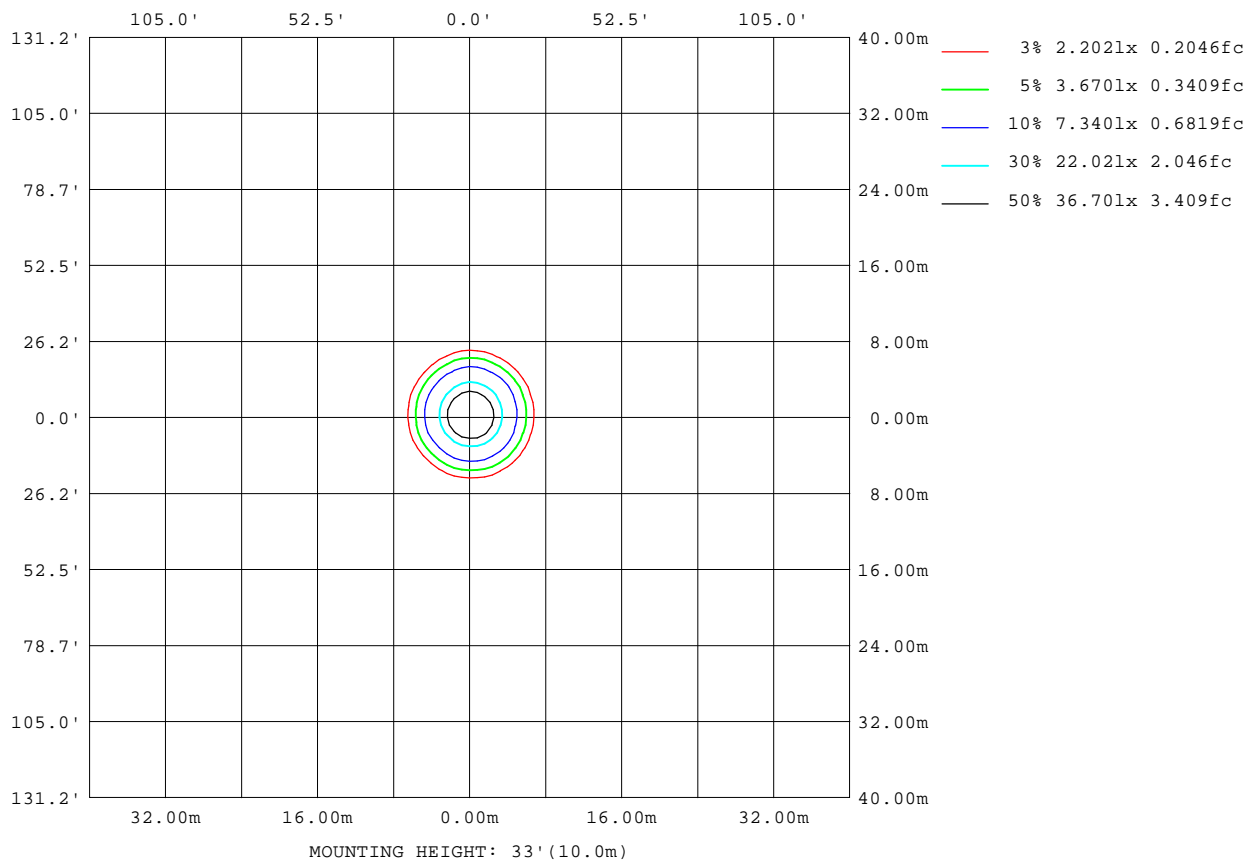
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2018-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:7.810m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

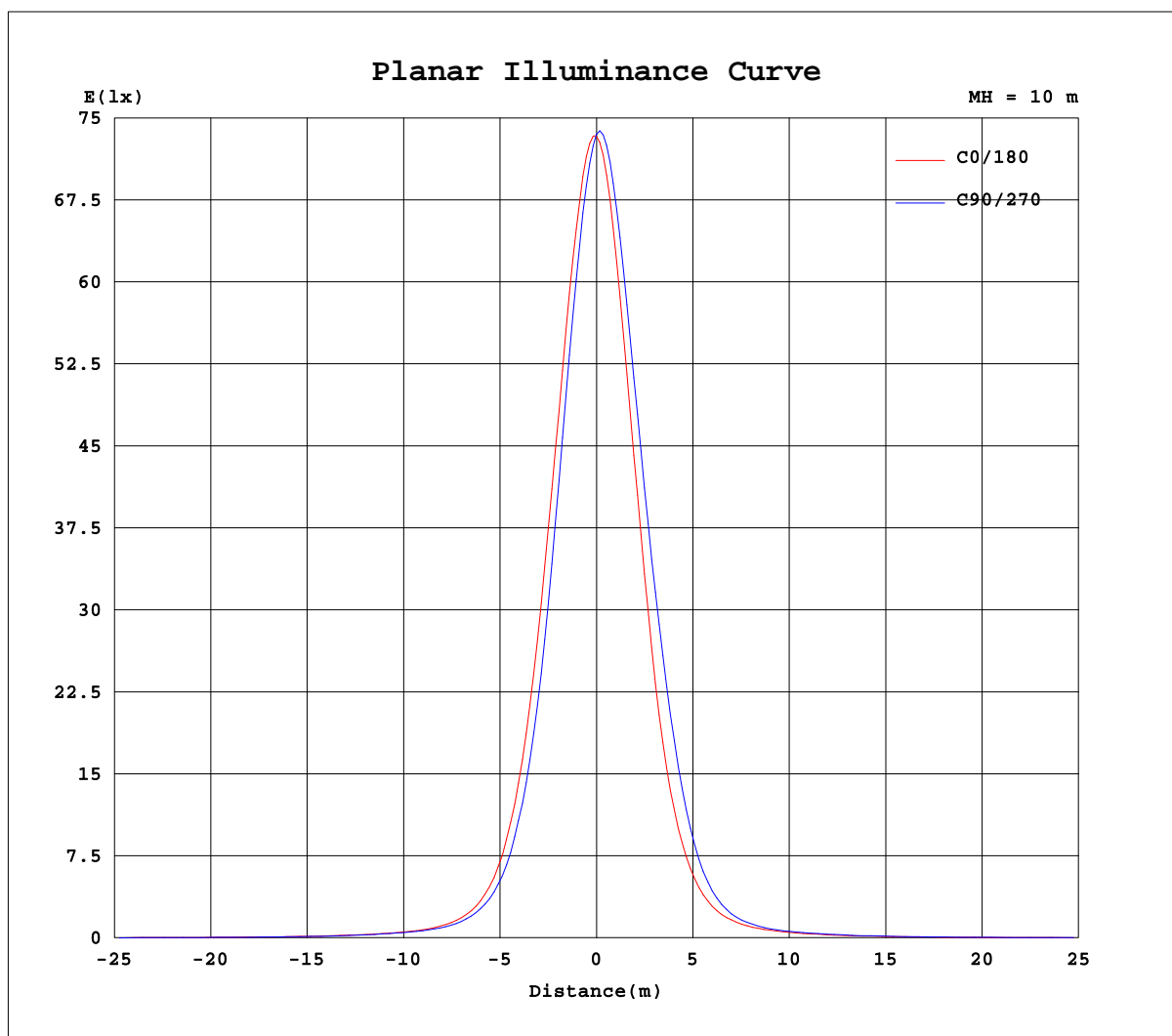
| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-08-27

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity: 65.0%
Test Distance: 7.810m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity: 65.0%
Test Distance: 7.810m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------|-------------------|
| Test:U:228.7V I:0.1504A P:34.24W PF:0.9953 Lamp Flux:2671.52x1 lm | | |
| NAME: S1-CN002(180528) | TYPE: | WEIGHT: |
| DIM.: | SPEC.: | SERIAL No.: |
| MFR.: | SUR.: | PROTECTION ANGLE: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 45 | 90 | 135 | 180 | 225 | 270 | 315 | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|
| 0 | 7340 | 7356 | 7349 | 7374 | 7340 | 7356 | 7349 | 7374 | | | | | | | | | | |
| 5 | 6818 | 6636 | 6413 | 6430 | 6566 | 6765 | 6987 | 7089 | | | | | | | | | | |
| 10 | 5438 | 5207 | 4795 | 4776 | 5013 | 5383 | 5721 | 5754 | | | | | | | | | | |
| 15 | 3775 | 3473 | 3028 | 3025 | 3318 | 3788 | 4204 | 4144 | | | | | | | | | | |
| 20 | 2260 | 2021 | 1715 | 1663 | 1875 | 2311 | 2774 | 2704 | | | | | | | | | | |
| 25 | 1219 | 1073 | 901 | 868 | 996 | 1238 | 1572 | 1523 | | | | | | | | | | |
| 30 | 617 | 560 | 479 | 459 | 522 | 616 | 791 | 767 | | | | | | | | | | |
| 35 | 340 | 314 | 278 | 272 | 302 | 336 | 405 | 394 | | | | | | | | | | |
| 40 | 214 | 197 | 186 | 183 | 198 | 217 | 242 | 234 | | | | | | | | | | |
| 45 | 158 | 149 | 144 | 142 | 148 | 161 | 175 | 166 | | | | | | | | | | |
| 50 | 123 | 118 | 115 | 113 | 117 | 126 | 136 | 130 | | | | | | | | | | |
| 55 | 98.8 | 94.3 | 90.9 | 91.0 | 93.5 | 101 | 107 | 105 | | | | | | | | | | |
| 60 | 80.0 | 75.2 | 73.0 | 71.7 | 74.5 | 80.9 | 85.7 | 82.3 | | | | | | | | | | |
| 65 | 62.4 | 58.9 | 57.6 | 55.8 | 58.3 | 62.6 | 66.8 | 65.9 | | | | | | | | | | |
| 70 | 46.9 | 44.4 | 43.4 | 42.4 | 45.1 | 47.5 | 50.8 | 50.0 | | | | | | | | | | |
| 75 | 33.5 | 33.5 | 30.1 | 30.9 | 33.9 | 42.7 | 35.6 | 33.7 | | | | | | | | | | |
| 80 | 19.5 | 18.3 | 17.2 | 17.7 | 19.5 | 20.8 | 21.9 | 20.4 | | | | | | | | | | |
| 85 | 4.17 | 3.30 | 2.10 | 2.38 | 3.59 | 4.55 | 5.92 | 5.22 | | | | | | | | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 130 | 0.00 | 0.00 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | | | | | | | | | | |
| 135 | 1.15 | 1.68 | 2.28 | 2.30 | 1.14 | 0.64 | 0.07 | 0.05 | | | | | | | | | | |
| 140 | 3.43 | 3.94 | 4.46 | 4.54 | 3.42 | 2.90 | 2.30 | 2.31 | | | | | | | | | | |
| 145 | 5.50 | 5.90 | 6.30 | 6.44 | 5.48 | 5.01 | 4.49 | 4.51 | | | | | | | | | | |
| 150 | 7.09 | 7.36 | 7.59 | 7.81 | 7.06 | 6.70 | 6.32 | 6.33 | | | | | | | | | | |
| 155 | 8.11 | 8.18 | 8.22 | 8.59 | 8.04 | 7.84 | 7.67 | 7.64 | | | | | | | | | | |
| 160 | 8.51 | 8.28 | 8.30 | 8.73 | 8.29 | 8.37 | 8.41 | 8.39 | | | | | | | | | | |
| 165 | 8.35 | 7.88 | 7.88 | 8.47 | 8.01 | 8.31 | 8.52 | 8.60 | | | | | | | | | | |
| 170 | 7.79 | 7.29 | 7.37 | 8.08 | 7.43 | 7.77 | 8.20 | 8.40 | | | | | | | | | | |
| 175 | 7.39 | 7.12 | 7.22 | 7.95 | 7.17 | 7.28 | 7.77 | 8.12 | | | | | | | | | | |
| 180 | 7.40 | 7.31 | 7.56 | 8.12 | 7.40 | 7.29 | 7.56 | 8.11 | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2018-08-27

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity: 65.0%
 Test Distance: 7.810m [K=1.0000]
 Remarks: