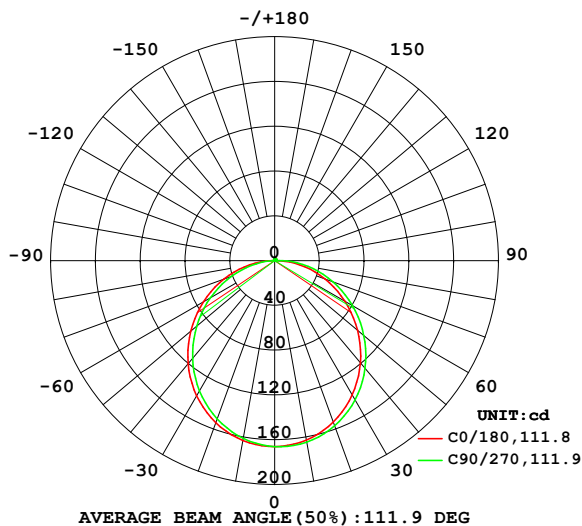


LUMINAIRE PHOTOMETRIC TEST REPORT

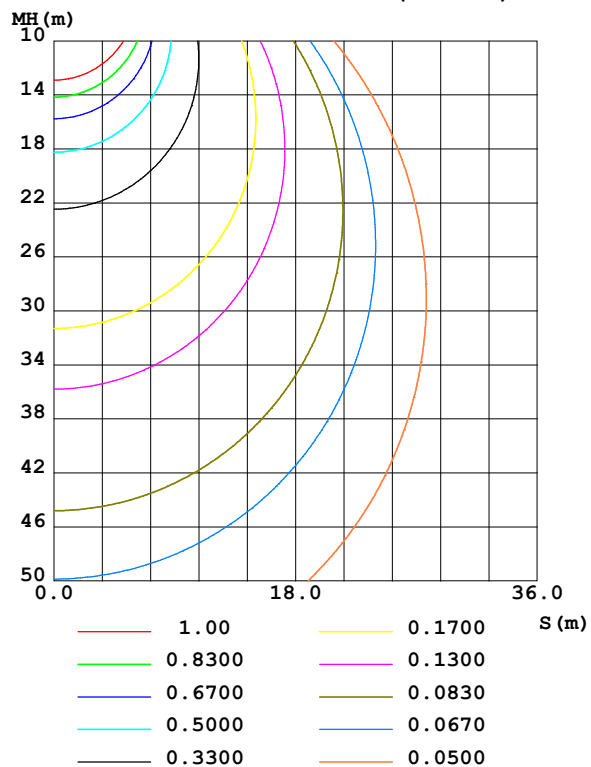
| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 46.39 lm/W | | | |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL | | I _{max} (cd) | 166.4 | S/MH(C0/180) | 1.25 |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 1.21 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 489.45 | □ UP,DN(C0-180) | 1.0,51.6 |
| NOMINAL FLUX(lm) | 2.03939 | CIE CLASS | DIRECT | □ UP,DN(C180-360) | 0.8,46.6 |
| LAMPS INSIDE | 240 | □ up (%) | 1.8 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 24 | □ down (%) | 98.2 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | zone | total | %lum, lamp |
|-----|-----------------------|-------|--------|-------|--------|--------|--------|-------|---------|---------|-------|------------|
| 10 | 162.8 | 163.7 | 164.6 | 164.6 | 163.1 | 162.3 | 161.3 | 161.3 | 0- 10 | 15.71 | 15.71 | 3.21,3.21 |
| 20 | 153.4 | 155.2 | 156.9 | 156.9 | 154.0 | 152.4 | 150.4 | 150.6 | 10- 20 | 44.88 | 60.59 | 12.4,12.4 |
| 30 | 138.5 | 141.2 | 143.7 | 143.5 | 139.4 | 137.1 | 134.3 | 134.6 | 20- 30 | 67.74 | 128.3 | 26.2,26.2 |
| 40 | 119.2 | 122.6 | 125.6 | 125.3 | 120.3 | 117.4 | 114.1 | 114.3 | 30- 40 | 81.27 | 209.6 | 42.8,42.8 |
| 50 | 96.76 | 100.7 | 104.1 | 103.6 | 97.80 | 94.55 | 90.88 | 91.20 | 40- 50 | 84.05 | 293.7 | 60,60 |
| 60 | 72.55 | 76.58 | 80.20 | 79.55 | 73.33 | 69.90 | 66.14 | 66.52 | 50- 60 | 76.38 | 370.0 | 75.6,75.6 |
| 70 | 47.74 | 51.82 | 55.42 | 54.57 | 48.07 | 44.64 | 41.05 | 41.52 | 60- 70 | 60.02 | 430.0 | 87.9,87.9 |
| 80 | 23.24 | 27.06 | 30.48 | 29.43 | 22.81 | 19.74 | 16.57 | 17.13 | 70- 80 | 37.61 | 467.7 | 95.5,95.5 |
| 90 | 1.155 | 4.576 | 7.322 | 5.977 | 0.7716 | 1.394 | 1.193 | 1.255 | 80- 90 | 13.17 | 480.8 | 98.2,98.2 |
| 100 | 0.4645 | 1.176 | 0.9914 | 1.037 | 0.4153 | 0.9050 | 0.8343 | 1.058 | 90-100 | 1.506 | 482.3 | 98.5,98.5 |
| 110 | 0.7610 | 1.285 | 1.038 | 1.118 | 0.6667 | 1.015 | 1.013 | 1.166 | 100-110 | 1.030 | 483.4 | 98.8,98.8 |
| 120 | 1.055 | 1.440 | 1.226 | 1.208 | 0.9395 | 1.145 | 1.215 | 1.287 | 110-120 | 1.118 | 484.5 | 99,99 |
| 130 | 1.340 | 1.587 | 1.438 | 1.399 | 1.205 | 1.309 | 1.398 | 1.426 | 120-130 | 1.165 | 485.7 | 99.2,99.2 |
| 140 | 1.572 | 1.734 | 1.630 | 1.573 | 1.437 | 1.464 | 1.545 | 1.590 | 130-140 | 1.144 | 486.8 | 99.5,99.5 |
| 150 | 1.781 | 1.870 | 1.811 | 1.687 | 1.668 | 1.639 | 1.690 | 1.759 | 140-150 | 1.034 | 487.8 | 99.7,99.7 |
| 160 | 1.982 | 2.007 | 1.972 | 1.911 | 1.902 | 1.844 | 1.863 | 1.938 | 150-160 | 0.8439 | 488.7 | 99.8,99.8 |
| 170 | 2.191 | 2.178 | 2.120 | 2.124 | 2.139 | 2.072 | 2.070 | 2.119 | 160-170 | 0.5704 | 489.2 | 100,100 |
| 180 | 2.338 | 2.300 | 2.286 | 2.310 | 2.341 | 2.300 | 2.286 | 2.310 | 170-180 | 0.2096 | 489.5 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 260.4 lm

%lum = 53.2%

%lamp = 53.2%

Conical surface Flux(120deg): 370.03 lm

%lum = 75.6%

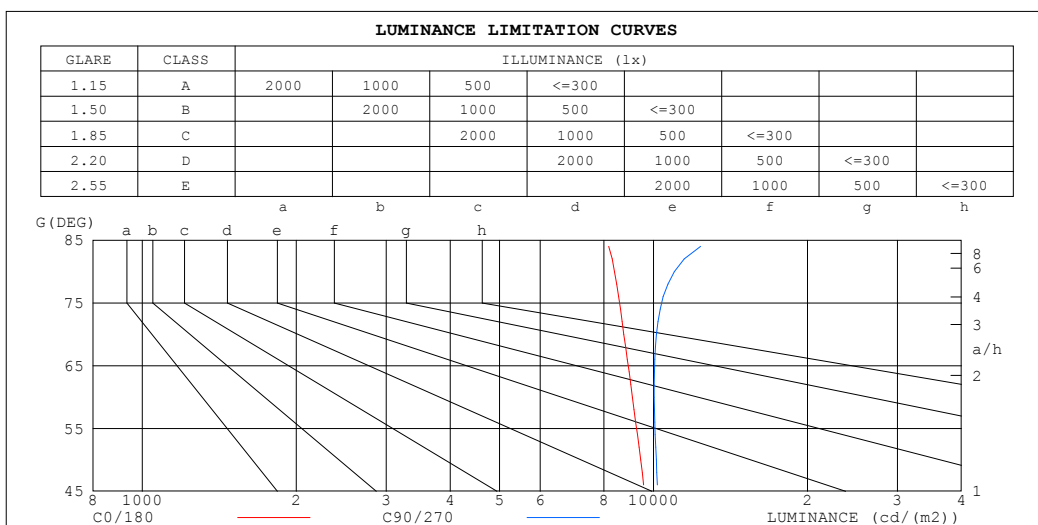
%lamp = 75.6%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 9795 | 14831 |
| 80 | 8386 | 10976 |
| 75 | 9179 | 10976 |
| 70 | 8748 | 10134 |
| 65 | 9289 | 10417 |
| 60 | 9094 | 10032 |
| 55 | 9530 | 10324 |
| 50 | 9433 | 10124 |
| 45 | 9796 | 10379 |

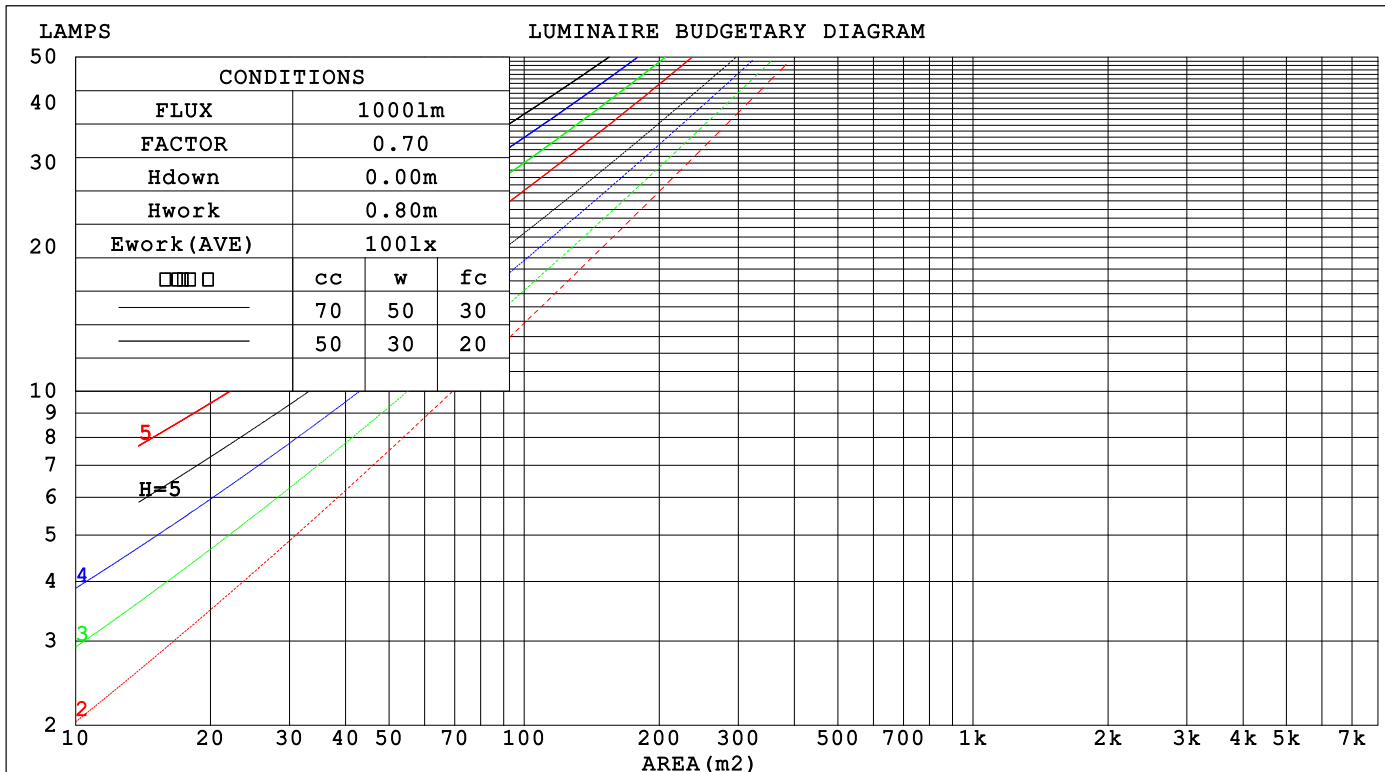
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

| <input type="checkbox"/> cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-----------------------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| <input type="checkbox"/> w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| <input type="checkbox"/> fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .322 | .183 | .058 | .314 | .179 | .057 | .300 | .172 | .055 | .287 | .165 | .053 | .275 | .159 | .051 | | |
| 2.0 | .299 | .164 | .050 | .292 | .161 | .050 | .279 | .155 | .048 | .268 | .150 | .047 | .257 | .145 | .046 | | |
| 3.0 | .274 | .146 | .044 | .268 | .144 | .043 | .257 | .139 | .042 | .247 | .135 | .041 | .237 | .131 | .041 | | |
| 4.0 | .252 | .131 | .039 | .247 | .129 | .038 | .237 | .126 | .038 | .228 | .122 | .037 | .219 | .119 | .036 | | |
| 5.0 | .232 | .118 | .034 | .228 | .117 | .034 | .219 | .114 | .034 | .210 | .111 | .033 | .203 | .108 | .033 | | |
| 6.0 | .215 | .108 | .031 | .211 | .107 | .031 | .203 | .104 | .030 | .195 | .102 | .030 | .188 | .099 | .029 | | |
| 7.0 | .200 | .099 | .028 | .196 | .098 | .028 | .189 | .096 | .028 | .182 | .093 | .027 | .176 | .091 | .027 | | |
| 8.0 | .186 | .091 | .026 | .183 | .090 | .025 | .177 | .088 | .025 | .171 | .086 | .025 | .165 | .085 | .025 | | |
| 9.0 | .175 | .084 | .024 | .172 | .084 | .023 | .166 | .082 | .023 | .160 | .080 | .023 | .155 | .079 | .023 | | |
| 10.0 | .164 | .079 | .022 | .161 | .078 | .022 | .156 | .076 | .022 | .151 | .075 | .021 | .146 | .074 | .021 | | |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | .204 | .204 | .204 | .174 | .174 | .174 | .119 | .119 | .119 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .195 | .170 | .147 | .167 | .146 | .126 | .114 | .100 | .087 | .066 | .058 | .051 | .021 | .019 | .016 | |
| 2.0 | .187 | .145 | .111 | .160 | .125 | .096 | .110 | .087 | .067 | .063 | .050 | .039 | .020 | .016 | .013 | |
| 3.0 | .179 | .128 | .087 | .153 | .110 | .076 | .105 | .077 | .053 | .061 | .045 | .031 | .020 | .015 | .010 | |
| 4.0 | .171 | .115 | .072 | .147 | .099 | .062 | .101 | .069 | .044 | .058 | .040 | .026 | .019 | .013 | .009 | |
| 5.0 | .164 | .104 | .061 | .141 | .090 | .053 | .097 | .063 | .037 | .056 | .037 | .022 | .018 | .012 | .007 | |
| 6.0 | .157 | .096 | .053 | .135 | .083 | .046 | .093 | .058 | .033 | .054 | .034 | .019 | .017 | .011 | .006 | |
| 7.0 | .150 | .089 | .047 | .129 | .077 | .041 | .089 | .054 | .029 | .052 | .032 | .017 | .017 | .010 | .006 | |
| 8.0 | .143 | .083 | .043 | .123 | .072 | .037 | .085 | .051 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 9.0 | .137 | .079 | .039 | .118 | .068 | .034 | .082 | .048 | .024 | .048 | .028 | .014 | .015 | .009 | .005 | |
| 10.0 | .131 | .074 | .036 | .113 | .065 | .032 | .079 | .045 | .023 | .046 | .027 | .013 | .015 | .009 | .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|--|------------------|------|------|--------------------|------|----------------|------------------|------|------|------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | | | | | | | | | | |
| NAME: NS-T1615-W22+60-10 | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: 1000*16*15MM | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.: 0.016*1 | | | Shielding 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 | | 23.1 | 24.6 | 23.4 | 24.8 | 25.1 | 23.5 | 25.0 | 23.8 | 25.2 | 25.4 |
| 3H | | 24.7 | 26.1 | 25.1 | 26.4 | 26.7 | 25.3 | 26.7 | 25.6 | 26.9 | 27.2 |
| 4H | | 25.4 | 26.8 | 25.8 | 27.1 | 27.4 | 26.1 | 27.4 | 26.4 | 27.7 | 28.0 |
| 6H | | 26.0 | 27.3 | 26.4 | 27.6 | 27.9 | 26.8 | 28.1 | 27.2 | 28.4 | 28.7 |
| 8H | | 26.2 | 27.4 | 26.6 | 27.8 | 28.1 | 27.1 | 28.4 | 27.5 | 28.7 | 29.0 |
| 12H | | 26.4 | 27.6 | 26.8 | 27.9 | 28.2 | 27.4 | 28.6 | 27.8 | 28.9 | 29.3 |
| 4H 2H | | 23.8 | 25.1 | 24.1 | 25.4 | 25.7 | 24.1 | 25.4 | 24.4 | 25.7 | 26.0 |
| 3H | | 25.6 | 26.8 | 26.0 | 27.1 | 27.5 | 26.1 | 27.2 | 26.5 | 27.6 | 27.9 |
| 4H | | 26.5 | 27.6 | 26.9 | 27.9 | 28.3 | 27.1 | 28.1 | 27.5 | 28.5 | 28.9 |
| 6H | | 27.2 | 28.2 | 27.7 | 28.6 | 29.0 | 28.0 | 28.9 | 28.4 | 29.3 | 29.7 |
| 8H | | 27.5 | 28.4 | 27.9 | 28.8 | 29.2 | 28.4 | 29.2 | 28.8 | 29.6 | 30.1 |
| 12H | | 27.7 | 28.5 | 28.2 | 29.0 | 29.4 | 28.7 | 29.5 | 29.2 | 30.0 | 30.4 |
| 8H 4H | | 26.9 | 27.8 | 27.3 | 28.2 | 28.6 | 27.4 | 28.3 | 27.8 | 28.7 | 29.1 |
| 6H | | 27.8 | 28.6 | 28.3 | 29.0 | 29.5 | 28.5 | 29.2 | 28.9 | 29.7 | 30.1 |
| 8H | | 28.2 | 28.9 | 28.7 | 29.3 | 29.8 | 29.0 | 29.7 | 29.5 | 30.1 | 30.6 |
| 12H | | 28.5 | 29.1 | 29.0 | 29.6 | 30.1 | 29.5 | 30.1 | 30.0 | 30.6 | 31.1 |
| 12H 4H | | 26.9 | 27.8 | 27.4 | 28.2 | 28.6 | 27.4 | 28.2 | 27.9 | 28.6 | 29.1 |
| 6H | | 27.9 | 28.6 | 28.4 | 29.1 | 29.5 | 28.6 | 29.2 | 29.1 | 29.7 | 30.2 |
| 8H | | 28.4 | 29.0 | 28.9 | 29.5 | 30.0 | 29.2 | 29.7 | 29.7 | 30.2 | 30.7 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | | + 0.1 / - 0.3 | | | | | + 0.1 / - 0.3 | | | | |

CIE Pub.117, 489.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.5)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

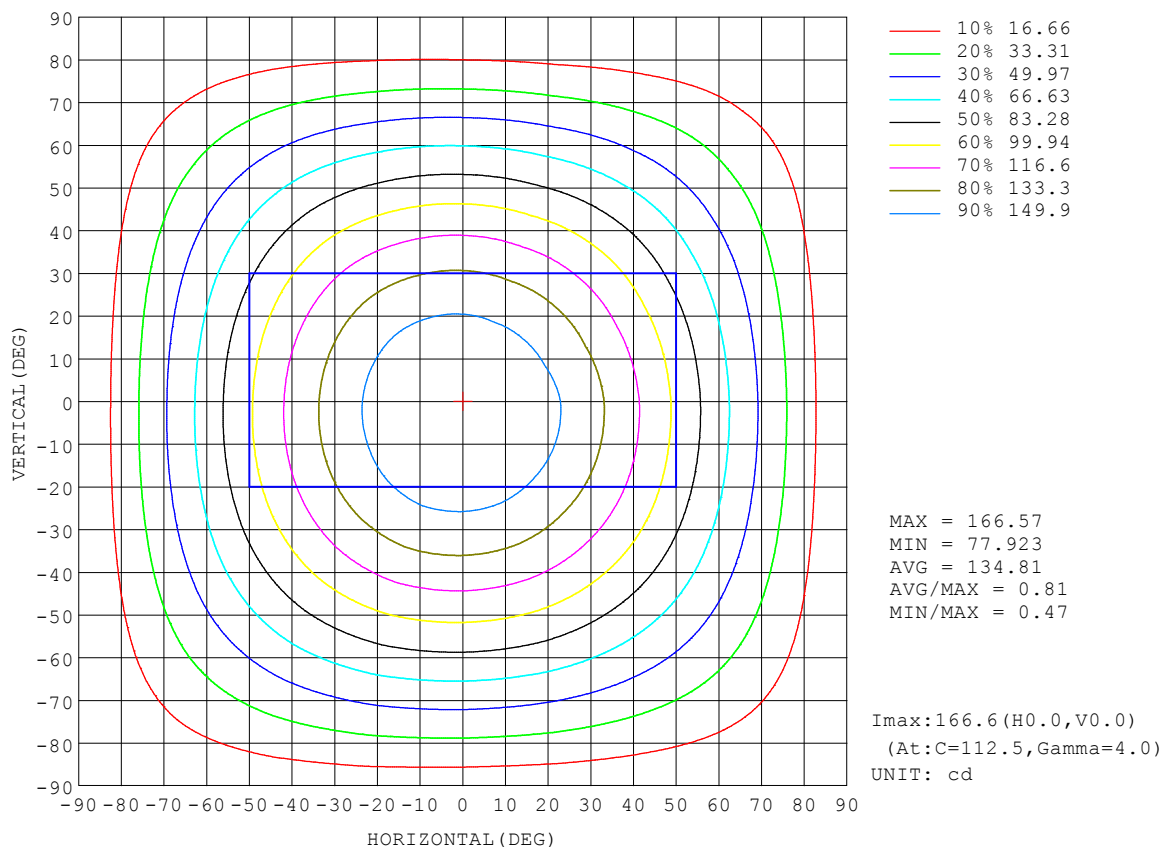
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 57 | 45 | 38 | 56 | 45 | 38 | 54 | 44 | 37 | 31 |
| 0.80 | 66 | 55 | 47 | 65 | 54 | 47 | 63 | 53 | 47 | 39 |
| 1.00 | 75 | 63 | 56 | 73 | 63 | 56 | 71 | 64 | 55 | 48 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 63 | 77 | 69 | 62 | 55 |
| 1.50 | 87 | 77 | 69 | 85 | 76 | 69 | 82 | 74 | 68 | 60 |
| 2.00 | 94 | 85 | 78 | 92 | 83 | 77 | 88 | 81 | 76 | 67 |
| 2.50 | 98 | 90 | 83 | 95 | 88 | 82 | 91 | 85 | 80 | 71 |
| 3.00 | 101 | 94 | 88 | 99 | 92 | 87 | 94 | 89 | 85 | 76 |
| 4.00 | 105 | 99 | 94 | 103 | 97 | 93 | 98 | 94 | 90 | 80 |
| 5.00 | 108 | 103 | 98 | 105 | 100 | 97 | 100 | 97 | 93 | 83 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

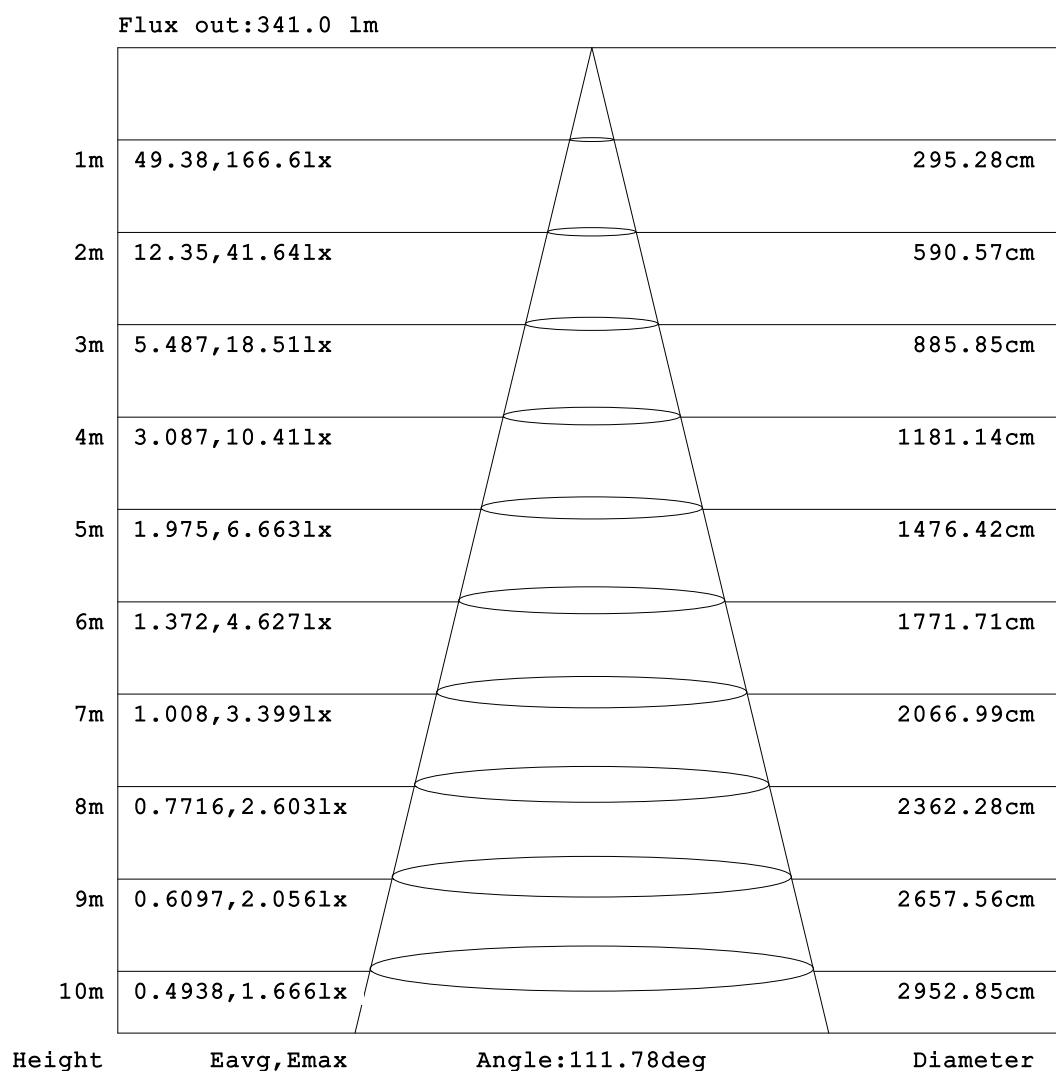


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |



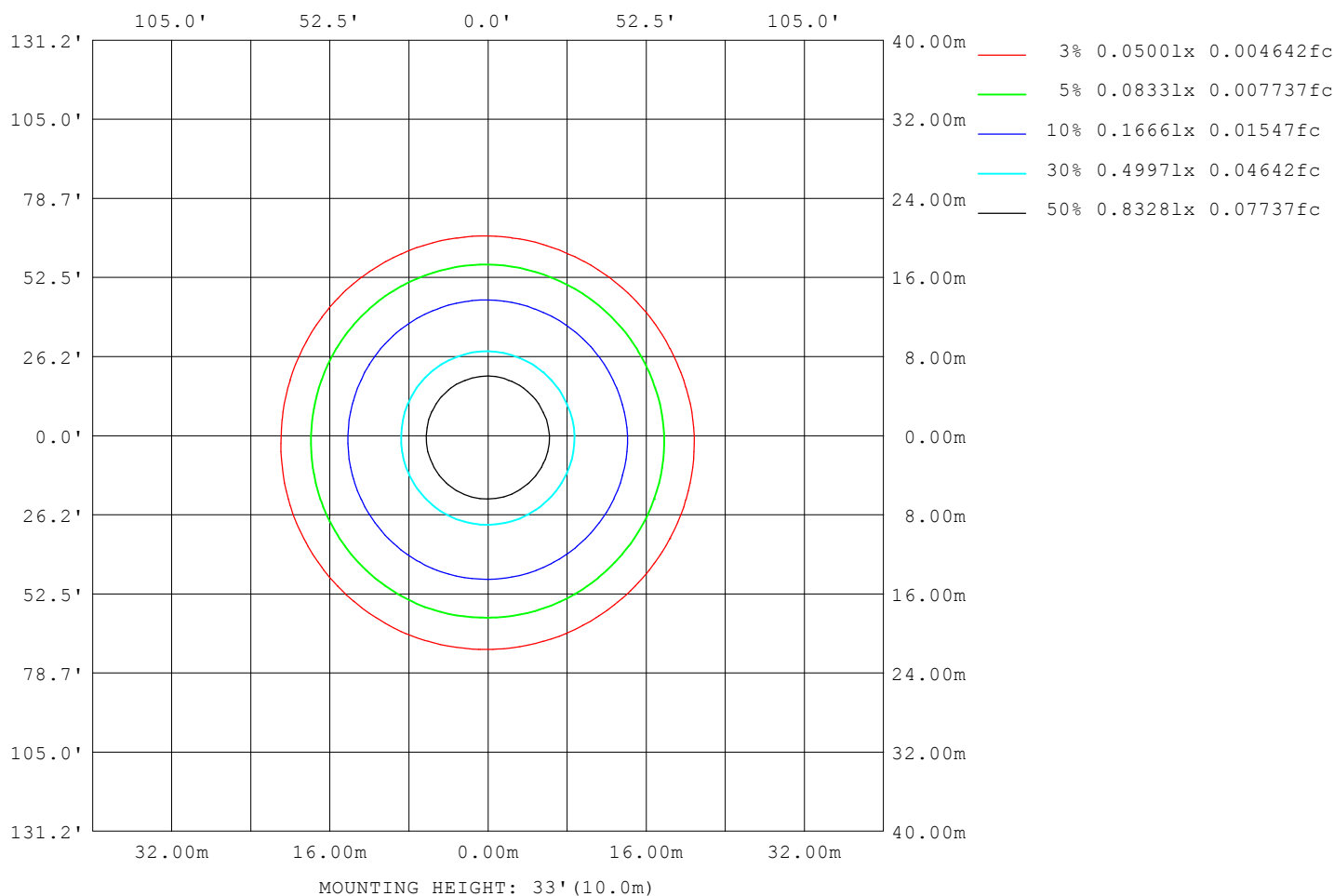
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|--------------------|------------------|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | |
| NAME: NS-T1615-W22+60-10 | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 1000*16*15MM | SERIAL No.: |
| MFR.: | SUR.: 0.016*1 | Shielding Angle: |

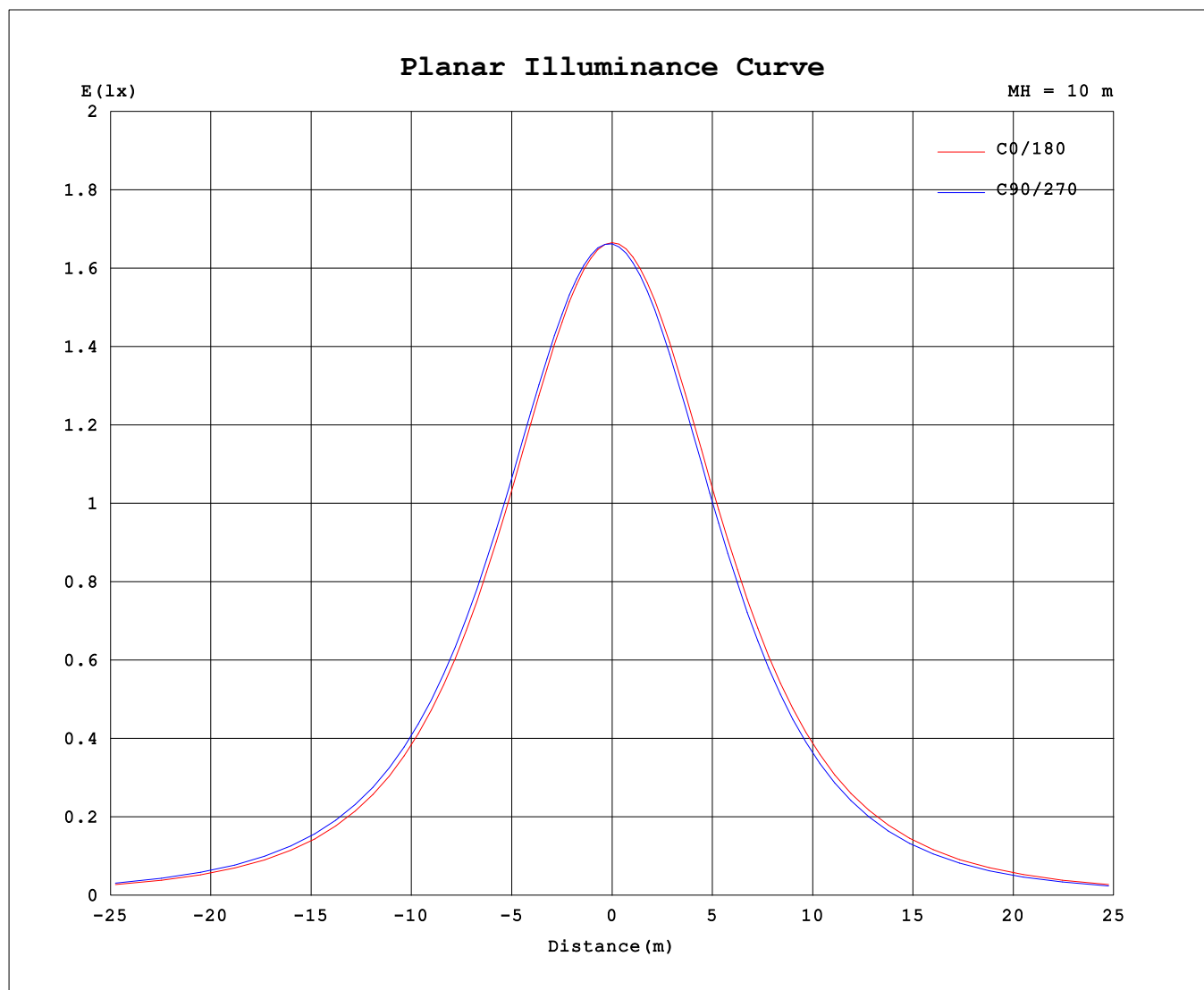
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 8940 |
| L_0~180 (75) av | 8555 |
| L_0~180 (85) av | 7749 |
| L_90~270 (65) av | 8984 |
| L_90~270 (75) av | 8643 |
| L_90~270 (85) av | 8735 |
| L_45 (65) av | 8976 |
| L_45 (75) av | 8613 |
| L_45 (85) av | 8316 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YSL
Test Date: 2021-07-07

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|--|------------------|--|--|
| Test:U:23.998V I:0.4397A P:10.552W PF:1.0000 Freq:0Hz Lamp Flux:2.03939x240 lm | | | | | | | | | | | | | | | | | |
| NAME: NS-T1615-W22+60-10 | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: 1000*16*15MM | | | | | | SERIAL No.: | | |
| MFR.: | | | | | | | | | SUR.: 0.016*1 | | | | | | Shielding Angle: | | |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | | | |
| 5 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 166 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | | | |
| 10 | 163 | 163 | 164 | 164 | 165 | 165 | 165 | 164 | 163 | 163 | 162 | 162 | 161 | 161 | 161 | 162 | | | |
| 15 | 160 | 160 | 161 | 162 | 162 | 163 | 162 | 161 | 160 | 160 | 159 | 158 | 158 | 157 | 158 | 158 | | | |
| 20 | 153 | 154 | 155 | 156 | 157 | 157 | 157 | 156 | 154 | 153 | 152 | 151 | 150 | 150 | 151 | 152 | | | |
| 25 | 148 | 149 | 150 | 152 | 152 | 153 | 152 | 151 | 149 | 148 | 147 | 145 | 145 | 144 | 145 | 146 | | | |
| 30 | 139 | 140 | 141 | 143 | 144 | 144 | 143 | 142 | 139 | 138 | 137 | 135 | 134 | 134 | 135 | 136 | | | |
| 35 | 131 | 133 | 134 | 136 | 137 | 138 | 137 | 135 | 132 | 131 | 130 | 128 | 127 | 126 | 127 | 128 | | | |
| 40 | 119 | 121 | 123 | 125 | 126 | 126 | 125 | 123 | 120 | 119 | 117 | 115 | 114 | 113 | 114 | 116 | | | |
| 45 | 111 | 113 | 114 | 116 | 117 | 118 | 117 | 115 | 112 | 110 | 109 | 106 | 105 | 104 | 105 | 107 | | | |
| 50 | 96.8 | 99.0 | 101 | 103 | 104 | 105 | 104 | 101 | 97.8 | 95.9 | 94.5 | 92.3 | 90.9 | 90.0 | 91.2 | 93.3 | | | |
| 55 | 87.2 | 89.5 | 91.3 | 93.5 | 94.7 | 95.5 | 94.1 | 91.8 | 88.2 | 86.3 | 84.8 | 82.5 | 81.1 | 80.2 | 81.5 | 83.6 | | | |
| 60 | 72.6 | 74.8 | 76.6 | 79.0 | 80.2 | 81.0 | 79.6 | 77.1 | 73.3 | 71.5 | 69.9 | 67.6 | 66.1 | 65.3 | 66.5 | 68.8 | | | |
| 65 | 62.6 | 64.9 | 66.8 | 69.1 | 70.4 | 71.1 | 69.7 | 67.1 | 63.3 | 61.4 | 59.8 | 57.6 | 56.1 | 55.3 | 56.5 | 58.8 | | | |
| 70 | 47.7 | 49.9 | 51.8 | 54.1 | 55.4 | 56.0 | 54.6 | 51.9 | 48.1 | 46.2 | 44.6 | 42.4 | 41.0 | 40.3 | 41.5 | 43.9 | | | |
| 75 | 37.9 | 40.0 | 41.9 | 44.1 | 45.4 | 46.0 | 44.5 | 41.8 | 37.9 | 36.0 | 34.6 | 32.5 | 31.1 | 30.4 | 31.7 | 33.9 | | | |
| 80 | 23.2 | 25.2 | 27.1 | 29.3 | 30.5 | 31.0 | 29.4 | 26.7 | 22.8 | 21.0 | 19.7 | 17.8 | 16.6 | 15.9 | 17.1 | 19.3 | | | |
| 85 | 13.6 | 15.5 | 17.4 | 19.5 | 20.7 | 21.1 | 19.6 | 16.8 | 12.9 | 11.3 | 10.2 | 8.75 | 7.91 | 7.34 | 8.09 | 9.93 | | | |
| 90 | 1.15 | 2.84 | 4.58 | 6.41 | 7.32 | 7.52 | 5.98 | 3.43 | 0.77 | 1.05 | 1.39 | 1.35 | 1.19 | 1.14 | 1.26 | 1.35 | | | |
| 95 | 0.30 | 1.27 | 1.46 | 2.10 | 2.45 | 2.46 | 1.69 | 1.05 | 0.32 | 0.70 | 0.90 | 0.86 | 0.77 | 0.90 | 1.05 | 1.15 | | | |
| 100 | 0.46 | 1.22 | 1.18 | 1.09 | 0.99 | 1.04 | 1.04 | 0.92 | 0.42 | 0.71 | 0.91 | 0.90 | 0.83 | 0.94 | 1.06 | 1.08 | | | |
| 105 | 0.58 | 1.25 | 1.20 | 1.08 | 0.97 | 1.02 | 1.00 | 0.99 | 0.51 | 0.80 | 0.95 | 0.95 | 0.90 | 0.99 | 1.10 | 1.05 | | | |
| 110 | 0.76 | 1.29 | 1.29 | 1.16 | 1.04 | 1.09 | 1.12 | 1.03 | 0.67 | 0.93 | 1.01 | 1.05 | 1.01 | 1.09 | 1.17 | 1.03 | | | |
| 115 | 0.88 | 1.32 | 1.35 | 1.22 | 1.11 | 1.16 | 1.18 | 1.10 | 0.77 | 0.97 | 1.10 | 1.12 | 1.09 | 1.16 | 1.21 | 1.04 | | | |
| 120 | 1.06 | 1.38 | 1.44 | 1.33 | 1.23 | 1.27 | 1.21 | 1.22 | 0.94 | 1.04 | 1.15 | 1.22 | 1.21 | 1.27 | 1.29 | 1.12 | | | |
| 125 | 1.17 | 1.44 | 1.50 | 1.41 | 1.31 | 1.35 | 1.28 | 1.29 | 1.05 | 1.01 | 1.21 | 1.29 | 1.29 | 1.34 | 1.34 | 1.19 | | | |
| 130 | 1.34 | 1.53 | 1.59 | 1.52 | 1.44 | 1.43 | 1.40 | 1.41 | 1.21 | 1.18 | 1.31 | 1.35 | 1.40 | 1.44 | 1.43 | 1.31 | | | |
| 135 | 1.44 | 1.60 | 1.65 | 1.59 | 1.51 | 1.45 | 1.47 | 1.48 | 1.30 | 1.31 | 1.37 | 1.39 | 1.46 | 1.50 | 1.49 | 1.40 | | | |
| 140 | 1.57 | 1.70 | 1.73 | 1.69 | 1.63 | 1.55 | 1.57 | 1.49 | 1.44 | 1.43 | 1.46 | 1.49 | 1.54 | 1.59 | 1.59 | 1.53 | | | |
| 145 | 1.66 | 1.77 | 1.79 | 1.75 | 1.70 | 1.63 | 1.57 | 1.57 | 1.53 | 1.51 | 1.53 | 1.55 | 1.61 | 1.65 | 1.66 | 1.61 | | | |
| 150 | 1.78 | 1.86 | 1.87 | 1.84 | 1.81 | 1.73 | 1.69 | 1.70 | 1.67 | 1.63 | 1.64 | 1.66 | 1.69 | 1.73 | 1.76 | 1.73 | | | |
| 155 | 1.87 | 1.92 | 1.92 | 1.90 | 1.88 | 1.79 | 1.76 | 1.81 | 1.76 | 1.72 | 1.71 | 1.73 | 1.75 | 1.79 | 1.83 | 1.81 | | | |
| 160 | 1.98 | 2.03 | 2.01 | 1.97 | 1.97 | 1.89 | 1.91 | 1.94 | 1.90 | 1.86 | 1.84 | 1.84 | 1.86 | 1.89 | 1.94 | 1.94 | | | |
| 165 | 2.07 | 2.09 | 2.07 | 2.03 | 2.05 | 1.96 | 1.99 | 2.03 | 1.99 | 1.94 | 1.93 | 1.92 | 1.95 | 1.96 | 2.01 | 2.03 | | | |
| 170 | 2.19 | 2.20 | 2.18 | 2.14 | 2.12 | 2.09 | 2.12 | 2.16 | 2.14 | 2.10 | 2.07 | 2.06 | 2.07 | 2.07 | 2.12 | 2.16 | | | |
| 175 | 2.27 | 2.27 | 2.25 | 2.22 | 2.20 | 2.20 | 2.21 | 2.24 | 2.23 | 2.19 | 2.16 | 2.15 | 2.15 | 2.15 | 2.21 | 2.24 | | | |
| 180 | 2.34 | 2.32 | 2.30 | 2.28 | 2.29 | 2.27 | 2.31 | 2.35 | 2.34 | 2.32 | 2.30 | 2.28 | 2.29 | 2.27 | 2.31 | 2.35 | | | |

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