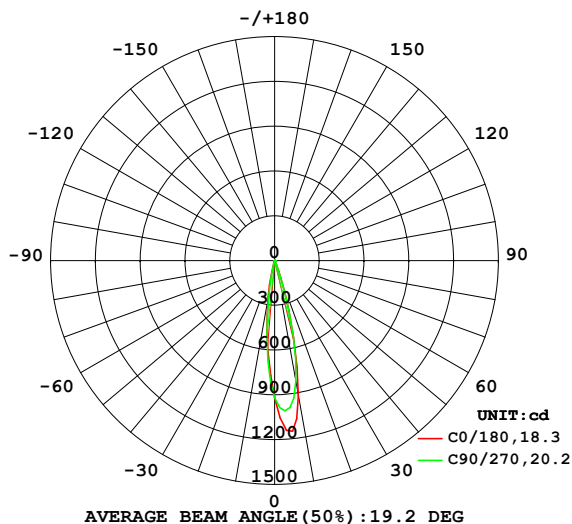


LUMINAIRE PHOTOMETRIC TEST REPORT

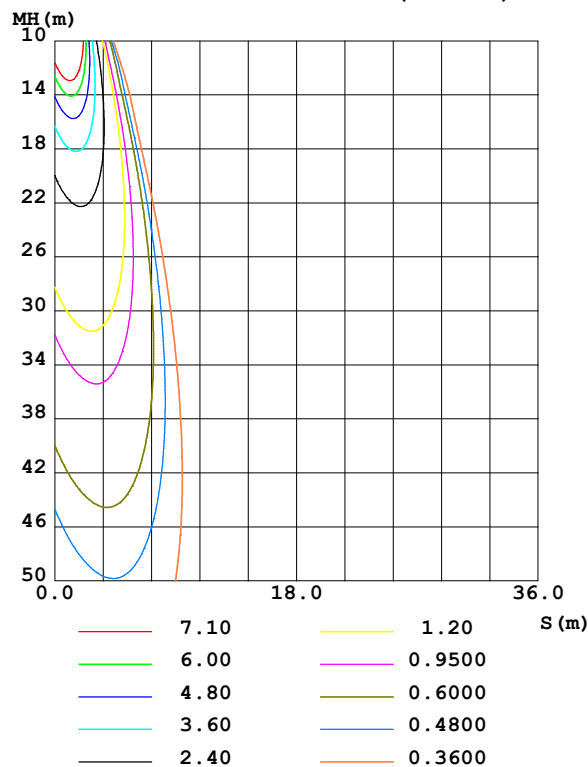
| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 40.48 lm/W | | | |
|------------------|-----------------------|----------------------------------|--------|-------------------|----------|
| MODEL | WL3374 3000K RA90 24D | I _{max} (cd) | 1289 | S/MH(C0/180) | 0.23 |
| NOMINAL POWER(W) | 3 | LOR(%) | 100.0 | S/MH(C90/270) | 0.23 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 156.32 | η UP,DN(C0-180) | 0.4,72.3 |
| NOMINAL FLUX(lm) | 156.322 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.5,26.8 |
| LAMPS INSIDE | 1 | η up (%) | 0.9 | CIBSE SHR NOM | 0.00 |
| TEST VOLTAGE(V) | 220 | η down (%) | 99.1 | CIBSE SHR MAX | 0.05 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 001
Test Date: 2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 8.370m [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 | 921.3 | 1146 | 824.6 | 459.8 | 247.8 | 202.1 | 219.7 | 441.6 | 0- 10 | 70.77 | 70.77 | 45.3,45.3 |
| 20 | 124.0 | 209.3 | 118.1 | 42.88 | 13.58 | 8.552 | 9.330 | 31.02 | 10- 20 | 71.71 | 142.5 | 91.1,91.1 |
| 30 | 5.427 | 7.845 | 4.747 | 3.411 | 3.556 | 2.375 | 2.406 | 3.333 | 20- 30 | 10.06 | 152.5 | 97.6,97.6 |
| 40 | 1.471 | 1.729 | 1.402 | 1.255 | 1.183 | 0.7934 | 0.8672 | 1.202 | 30- 40 | 1.477 | 154.0 | 98.5,98.5 |
| 50 | 0.6912 | 0.6540 | 0.5544 | 0.4781 | 0.3288 | 0.2314 | 0.3247 | 0.5507 | 40- 50 | 0.6190 | 154.6 | 98.9,98.9 |
| 60 | 0.2475 | 0.3017 | 0.1939 | 0.1035 | 0 | 0 | 0 | 0.0586 | 50- 60 | 0.2541 | 154.9 | 99.1,99.1 |
| 70 | 0 | 0.0000 | 0 | 0 | 0 | 0 | 0 | 0 | 60- 70 | 0.0362 | 154.9 | 99.1,99.1 |
| 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70- 80 | 0.0000 | 154.9 | 99.1,99.1 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0 | 154.9 | 99.1,99.1 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90-100 | 0 | 154.9 | 99.1,99.1 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 0 | 154.9 | 99.1,99.1 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 154.9 | 99.1,99.1 |
| 130 | 0 | 0 | 0 | 0.0088 | 0.1040 | 0.1792 | 0.1295 | 0.0445 | 120-130 | 0.0110 | 154.9 | 99.1,99.1 |
| 140 | 0.1722 | 0.1435 | 0.2226 | 0.4651 | 0.5797 | 0.7016 | 0.6404 | 0.4666 | 130-140 | 0.1651 | 155.1 | 99.2,99.2 |
| 150 | 0.6821 | 0.6578 | 0.7656 | 0.9755 | 0.9752 | 1.037 | 1.035 | 1.006 | 140-150 | 0.4216 | 155.5 | 99.5,99.5 |
| 160 | 0.9880 | 0.9888 | 1.029 | 1.129 | 1.009 | 0.9805 | 1.035 | 1.126 | 150-160 | 0.4654 | 156.0 | 99.8,99.8 |
| 170 | 0.8769 | 0.9066 | 0.9089 | 0.8850 | 0.5973 | 0.5167 | 0.5692 | 0.8248 | 160-170 | 0.2717 | 156.3 | 100,100 |
| 180 | 0.4914 | 0.4798 | 0.4301 | 0.4865 | 0.4649 | 0.4585 | 0.4274 | 0.4629 | 170-180 | 0.0598 | 156.3 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 154.44 lm

%lum = 98.8%

%lamp = 98.8%

Conical surface Flux(130deg): 154.92 lm

%lum = 99.1%

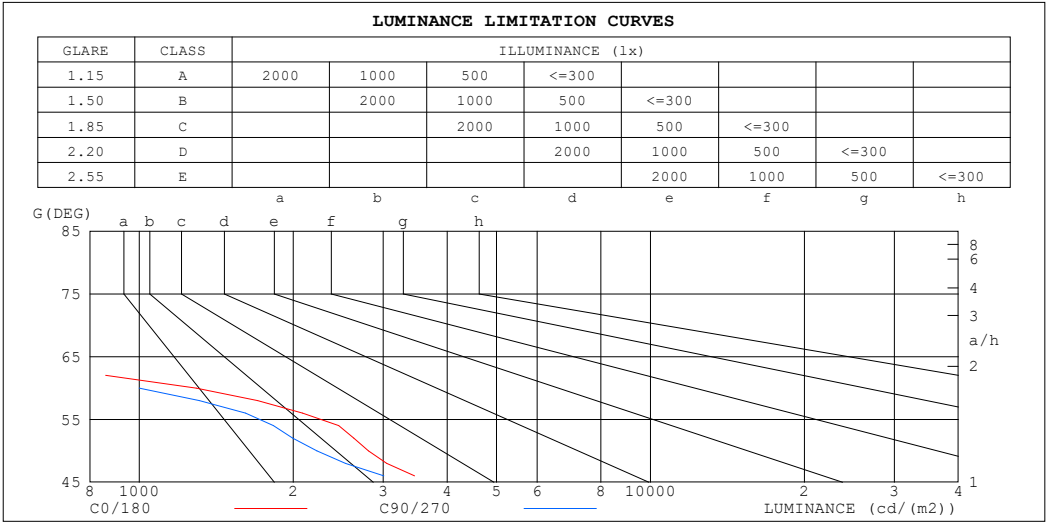
%lamp = 99.1%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 0 | 0 |
| 80 | 0 | 0 |
| 75 | 0 | 0 |
| 70 | 0 | 0 |
| 65 | 446 | 478 |
| 60 | 1292 | 1000 |
| 55 | 2516 | 1875 |
| 50 | 2806 | 2224 |
| 45 | 4004 | 3524 |

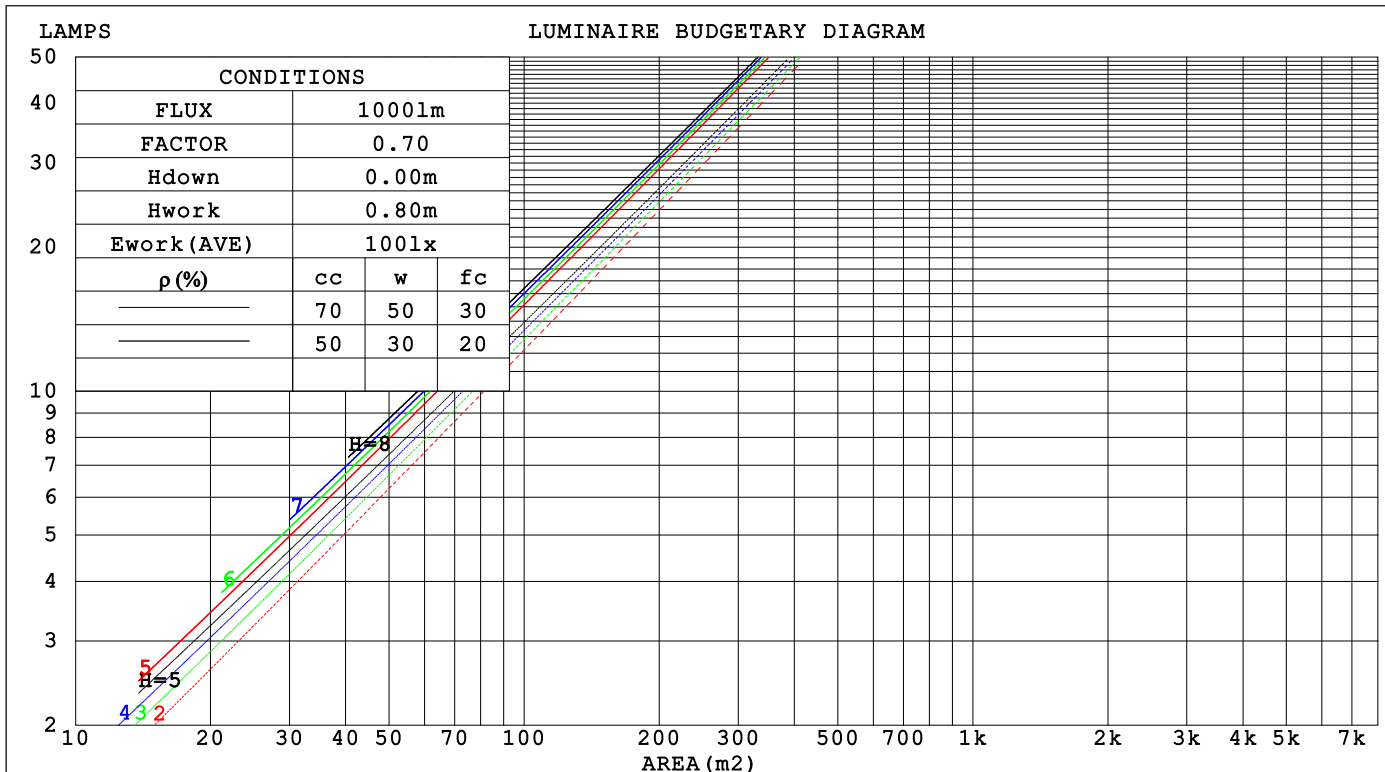
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding 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 | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------------------------|--|--|------------------------|--|--|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VJC Lighting | | | SUR.: 22 | | | Shielding 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 | .126 | .072 | .023 | .119 | .068 | .022 | .106 | .061 | .019 | .094 | .054 | .017 | .083 | .048 | .016 | | |
| 2.0 | .115 | .063 | .019 | .110 | .060 | .019 | .099 | .055 | .017 | .089 | .050 | .016 | .080 | .045 | .014 | | |
| 3.0 | .106 | .057 | .017 | .102 | .054 | .016 | .093 | .050 | .015 | .085 | .046 | .014 | .077 | .043 | .013 | | |
| 4.0 | .099 | .051 | .015 | .095 | .050 | .015 | .088 | .046 | .014 | .081 | .043 | .013 | .074 | .040 | .012 | | |
| 5.0 | .093 | .047 | .014 | .089 | .046 | .013 | .083 | .043 | .013 | .077 | .041 | .012 | .072 | .038 | .011 | | |
| 6.0 | .087 | .044 | .013 | .084 | .043 | .012 | .079 | .040 | .012 | .074 | .038 | .011 | .069 | .036 | .011 | | |
| 7.0 | .082 | .041 | .012 | .080 | .040 | .011 | .075 | .038 | .011 | .071 | .036 | .011 | .067 | .035 | .010 | | |
| 8.0 | .078 | .038 | .011 | .076 | .037 | .011 | .072 | .036 | .010 | .068 | .034 | .010 | .064 | .033 | .010 | | |
| 9.0 | .075 | .036 | .010 | .073 | .035 | .010 | .069 | .034 | .010 | .066 | .033 | .009 | .062 | .032 | .009 | | |
| 10.0 | .071 | .034 | .009 | .070 | .034 | .009 | .066 | .032 | .009 | .063 | .031 | .009 | .060 | .030 | .009 | | |

| 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 | .197 | .197 | .197 | .169 | .169 | .169 | .115 | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 | | |
| 1.0 | .174 | .165 | .156 | .149 | .141 | .134 | .102 | .097 | .093 | .059 | .056 | .054 | .019 | .018 | .017 | | |
| 2.0 | .156 | .140 | .126 | .133 | .120 | .109 | .091 | .083 | .076 | .053 | .048 | .045 | .017 | .016 | .015 | | |
| 3.0 | .140 | .120 | .104 | .120 | .104 | .090 | .082 | .072 | .063 | .048 | .042 | .037 | .015 | .014 | .012 | | |
| 4.0 | .127 | .105 | .088 | .109 | .090 | .076 | .075 | .063 | .054 | .043 | .037 | .032 | .014 | .012 | .010 | | |
| 5.0 | .116 | .092 | .075 | .099 | .080 | .065 | .068 | .056 | .046 | .040 | .033 | .027 | .013 | .011 | .009 | | |
| 6.0 | .106 | .082 | .064 | .091 | .071 | .056 | .063 | .050 | .040 | .037 | .029 | .024 | .012 | .010 | .008 | | |
| 7.0 | .098 | .074 | .056 | .085 | .064 | .049 | .059 | .045 | .035 | .034 | .026 | .021 | .011 | .009 | .007 | | |
| 8.0 | .092 | .067 | .049 | .079 | .058 | .043 | .055 | .041 | .031 | .032 | .024 | .018 | .010 | .008 | .006 | | |
| 9.0 | .086 | .061 | .044 | .074 | .053 | .038 | .051 | .037 | .027 | .030 | .022 | .016 | .010 | .007 | .005 | | |
| 10.0 | .081 | .056 | .039 | .070 | .049 | .034 | .048 | .034 | .024 | .028 | .020 | .015 | .009 | .007 | .005 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|-----|------------------|------|------|------|----------|----------------|------|------------------|------|------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | | | | | | | | | | |
| NAME: WL3374 3000K RA90 24D | | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VJC Lighting | | | | | | SUR.: 22 | | | 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 | | 10.9 | 11.4 | 11.1 | 11.6 | 11.7 | 9.6 | 10.1 | 9.8 | 10.3 | 10.5 |
| 3H | | 10.7 | 11.3 | 11.0 | 11.4 | 11.6 | 9.4 | 10.0 | 9.7 | 10.2 | 10.4 |
| 4H | | 10.6 | 11.2 | 10.9 | 11.4 | 11.6 | 9.4 | 9.9 | 9.6 | 10.1 | 10.3 |
| 6H | | 10.6 | 11.0 | 10.8 | 11.3 | 11.5 | 9.3 | 9.8 | 9.6 | 10.0 | 10.2 |
| 8H | | 10.5 | 11.0 | 10.8 | 11.2 | 11.5 | 9.2 | 9.7 | 9.5 | 10.0 | 10.2 |
| 12H | | 10.5 | 10.9 | 10.8 | 11.2 | 11.5 | 9.2 | 9.6 | 9.5 | 9.9 | 10.2 |
| 4H 2H | | 10.8 | 11.3 | 11.0 | 11.5 | 11.7 | 9.6 | 10.1 | 9.8 | 10.3 | 10.5 |
| 3H | | 10.6 | 11.1 | 10.9 | 11.3 | 11.6 | 9.4 | 9.9 | 9.7 | 10.1 | 10.4 |
| 4H | | 10.5 | 10.9 | 10.9 | 11.2 | 11.5 | 9.3 | 9.7 | 9.7 | 10.0 | 10.3 |
| 6H | | 10.4 | 10.8 | 10.8 | 11.1 | 11.5 | 9.2 | 9.6 | 9.6 | 9.9 | 10.3 |
| 8H | | 10.4 | 10.7 | 10.7 | 11.1 | 11.4 | 9.1 | 9.5 | 9.5 | 9.8 | 10.2 |
| 12H | | 10.3 | 10.6 | 10.7 | 11.0 | 11.4 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| 8H 4H | | 10.4 | 10.7 | 10.7 | 11.1 | 11.4 | 9.1 | 9.5 | 9.5 | 9.8 | 10.2 |
| 6H | | 10.2 | 10.5 | 10.7 | 10.9 | 11.3 | 9.0 | 9.3 | 9.5 | 9.7 | 10.1 |
| 8H | | 10.2 | 10.4 | 10.6 | 10.8 | 11.3 | 9.0 | 9.2 | 9.4 | 9.6 | 10.1 |
| 12H | | 10.1 | 10.3 | 10.6 | 10.8 | 11.3 | 8.9 | 9.1 | 9.4 | 9.6 | 10.1 |
| 12H 4H | | 10.3 | 10.6 | 10.7 | 11.0 | 11.4 | 9.1 | 9.4 | 9.5 | 9.8 | 10.2 |
| 6H | | 10.2 | 10.4 | 10.6 | 10.8 | 11.3 | 9.0 | 9.2 | 9.4 | 9.6 | 10.1 |
| 8H | | 10.1 | 10.3 | 10.6 | 10.8 | 11.3 | 8.9 | 9.1 | 9.4 | 9.6 | 10.1 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | | + 1.5 / - 2.9 | | | | | + 2.4 / - 4.2 | | | | |
| 1.5H | | + 2.0 / - 1.4 | | | | | + 3.5 / - 2.5 | | | | |
| 2.0H | | + 2.7 / - 4.1 | | | | | + 3.1 / - 5.8 | | | | |

CIE Pub.117, 156.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.4)
Area: 0.0004 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

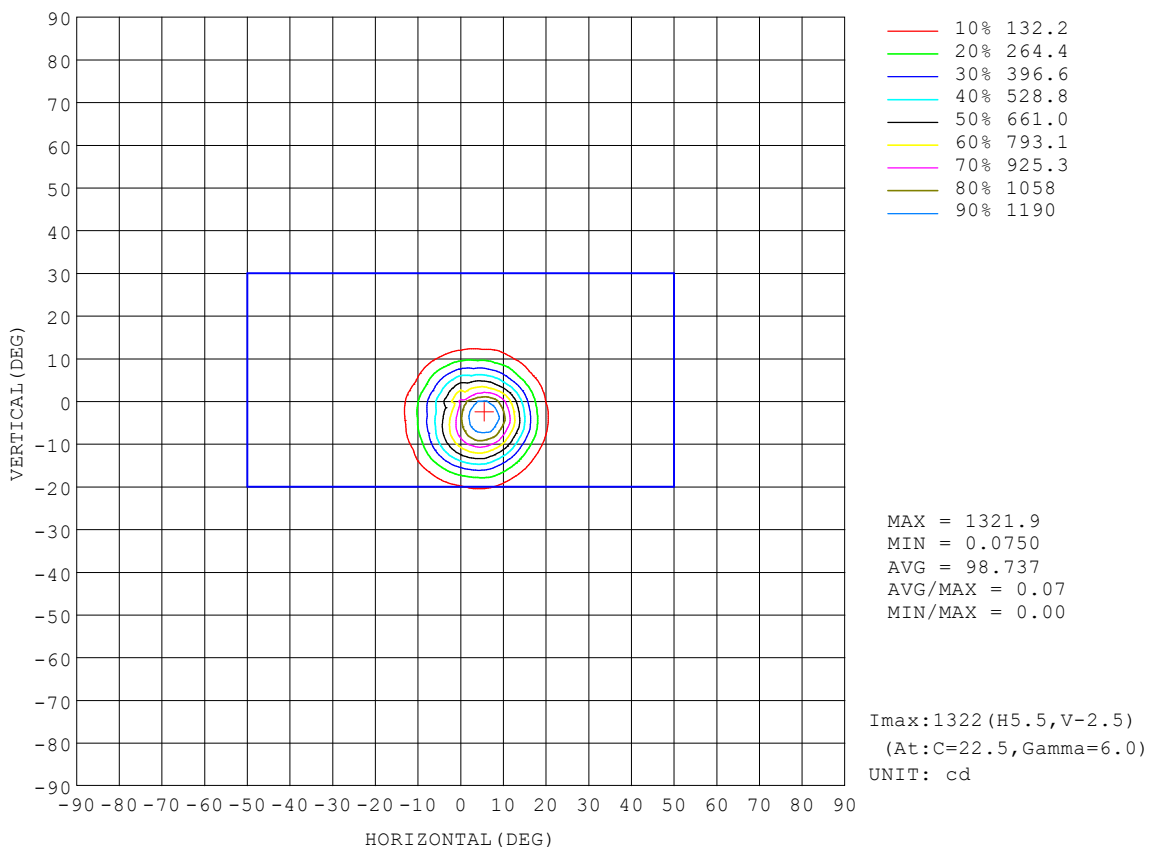
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 91 | 85 | 82 | 90 | 85 | 81 | 89 | 84 | 81 | 78 |
| 0.80 | 98 | 92 | 89 | 97 | 92 | 89 | 96 | 91 | 89 | 85 |
| 1.00 | 101 | 96 | 93 | 101 | 96 | 93 | 99 | 95 | 92 | 89 |
| 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 | 105 | 103 | 100 | 95 |
| 2.50 | 111 | 108 | 105 | 109 | 106 | 104 | 106 | 104 | 102 | 96 |
| 3.00 | 112 | 109 | 107 | 111 | 108 | 106 | 107 | 105 | 103 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 5.00 | 115 | 113 | 112 | 113 | 112 | 110 | 109 | 108 | 107 | 99 |
| 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: 25.3 °C
 Operators: 001
 Test Date: 2024-09-05

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity: 65.0%
 Test Distance: 8.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

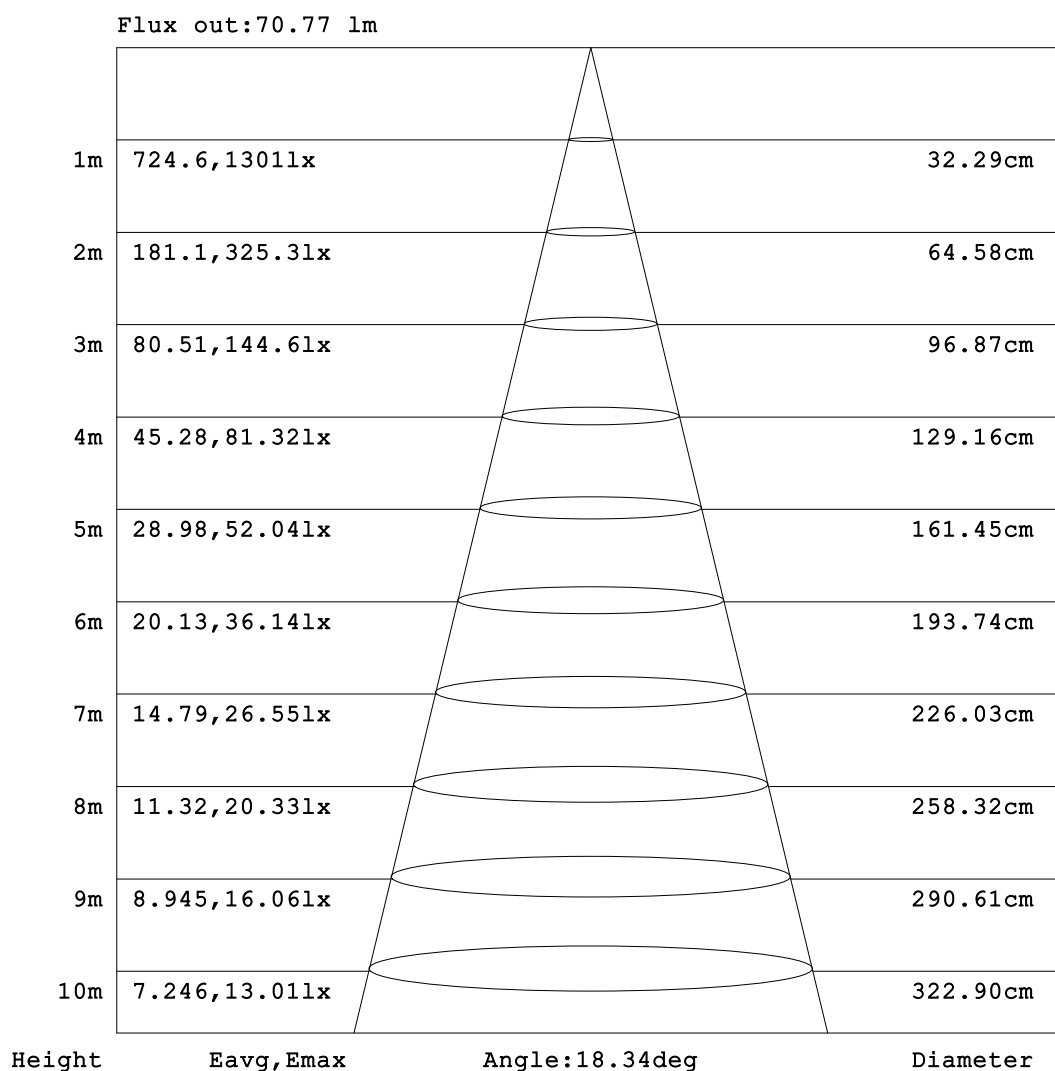


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

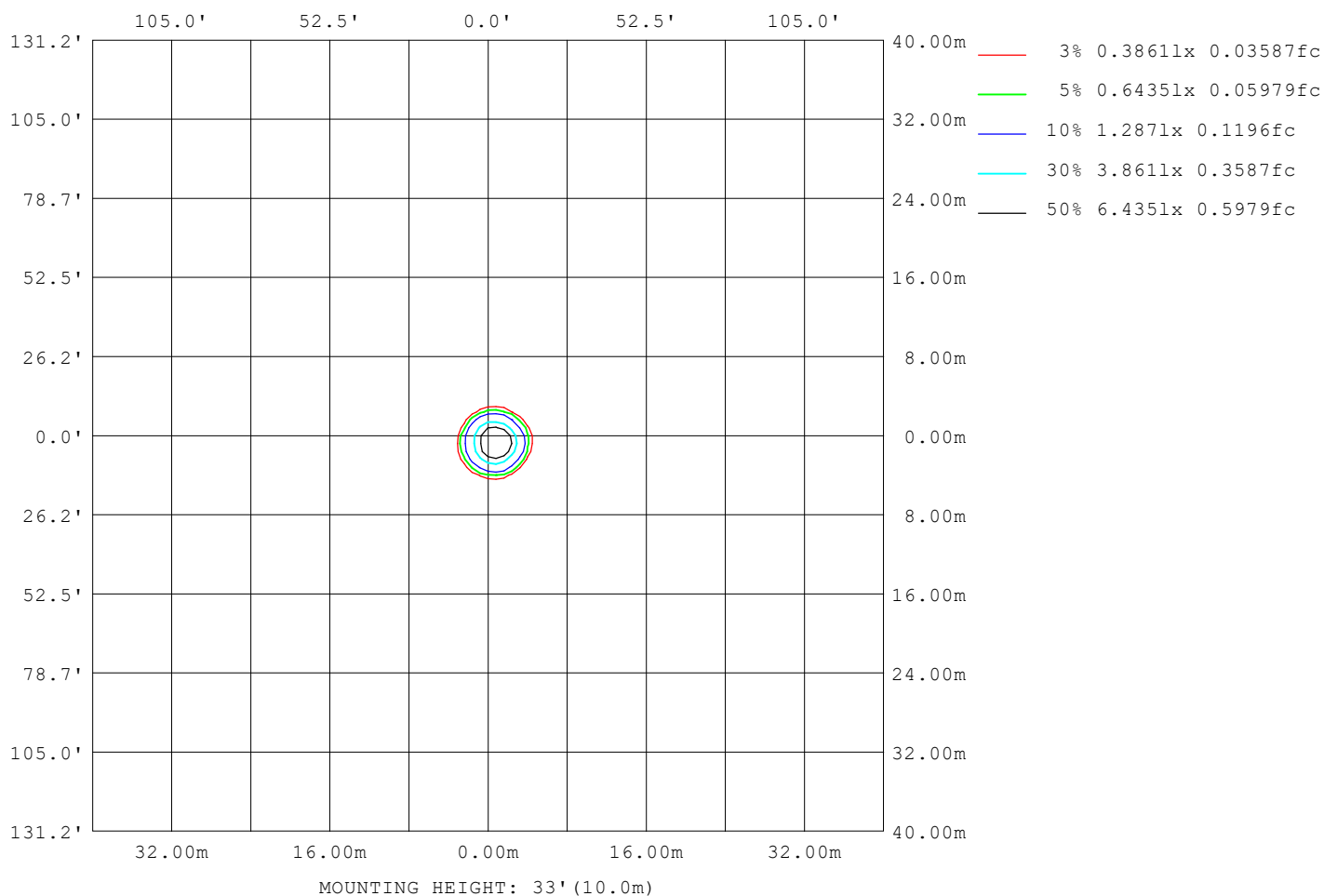


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: 001
Test Date: 2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 8.370m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

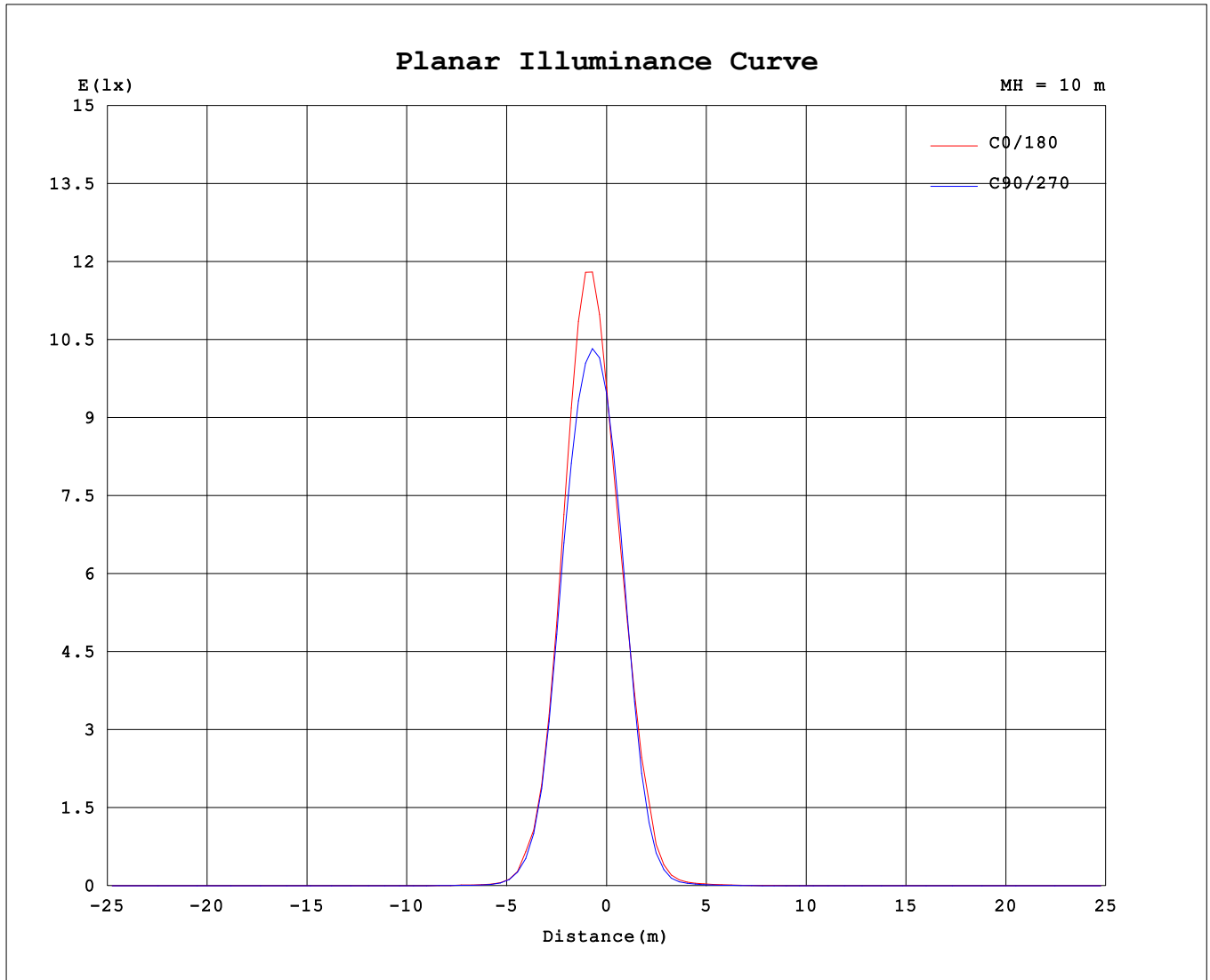
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 110 |
| L_0~180 (75) av | 0 |
| L_0~180 (85) av | 0 |
| L_90~270 (65) av | 169 |
| L_90~270 (75) av | 0 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 193 |
| L_45 (75) av | 0 |
| L_45 (85) av | 0 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:8.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: 001
Test Date: 2024-09-05

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 8.370m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|----------|------------------|
| Test:U:220.73V I:0.0202A P:3.8614W PF:0.8660 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:156.322x1 lm | | |
| NAME: WL3374 3000K RA90 24D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 22 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (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 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | 918 | | | |
| 5 | 1139 | 1219 | 1201 | 1126 | 1009 | 917 | 787 | 692 | 627 | 593 | 594 | 618 | 669 | 740 | 872 | 1014 | | | |
| 10 | 921 | 1152 | 1146 | 1021 | 825 | 673 | 460 | 333 | 248 | 193 | 202 | 189 | 220 | 295 | 442 | 661 | | | |
| 15 | 531 | 741 | 763 | 683 | 514 | 382 | 218 | 137 | 83.5 | 56.6 | 52.4 | 54.4 | 67.3 | 104 | 202 | 332 | | | |
| 20 | 124 | 198 | 209 | 207 | 118 | 83.4 | 42.9 | 24.7 | 13.6 | 10.4 | 8.55 | 8.03 | 9.33 | 15.5 | 31.0 | 68.3 | | | |
| 25 | 34.6 | 52.4 | 57.1 | 50.0 | 33.8 | 23.4 | 11.4 | 7.79 | 6.72 | 5.82 | 4.64 | 4.29 | 4.55 | 5.45 | 8.88 | 18.2 | | | |
| 30 | 5.43 | 8.24 | 7.84 | 6.68 | 4.75 | 4.05 | 3.41 | 3.30 | 3.56 | 2.98 | 2.38 | 2.20 | 2.41 | 2.86 | 3.33 | 3.84 | | | |
| 35 | 3.38 | 3.74 | 3.60 | 3.31 | 2.75 | 2.61 | 2.33 | 2.18 | 2.30 | 1.94 | 1.53 | 1.49 | 1.61 | 1.81 | 2.02 | 3.00 | | | |
| 40 | 1.47 | 1.73 | 1.73 | 1.65 | 1.40 | 1.34 | 1.25 | 1.17 | 1.18 | 0.99 | 0.79 | 0.80 | 0.87 | 1.06 | 1.20 | 1.42 | | | |
| 45 | 1.08 | 1.24 | 1.17 | 1.02 | 0.97 | 0.95 | 0.84 | 0.73 | 0.72 | 0.65 | 0.53 | 0.57 | 0.61 | 0.75 | 0.85 | 1.00 | | | |
| 50 | 0.69 | 0.73 | 0.65 | 0.57 | 0.55 | 0.52 | 0.48 | 0.42 | 0.33 | 0.29 | 0.23 | 0.28 | 0.32 | 0.46 | 0.55 | 0.65 | | | |
| 55 | 0.55 | 0.58 | 0.52 | 0.42 | 0.42 | 0.38 | 0.33 | 0.23 | 0.15 | 0.12 | 0.07 | 0.11 | 0.15 | 0.27 | 0.34 | 0.47 | | | |
| 60 | 0.25 | 0.33 | 0.30 | 0.21 | 0.19 | 0.14 | 0.10 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.06 | 0.15 | | | |
| 65 | 0.07 | 0.18 | 0.16 | 0.07 | 0.08 | 0.03 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | | | |
| 70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 75 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.11 | 0.10 | 0.13 | 0.18 | 0.14 | 0.13 | 0.07 | 0.04 | 0.00 | | | |
| 135 | 0.01 | 0.02 | 0.00 | 0.03 | 0.02 | 0.09 | 0.14 | 0.28 | 0.26 | 0.32 | 0.37 | 0.33 | 0.31 | 0.23 | 0.16 | 0.06 | | | |
| 140 | 0.17 | 0.17 | 0.14 | 0.20 | 0.22 | 0.35 | 0.47 | 0.64 | 0.58 | 0.65 | 0.70 | 0.66 | 0.64 | 0.58 | 0.47 | 0.31 | | | |
| 145 | 0.36 | 0.35 | 0.32 | 0.39 | 0.44 | 0.59 | 0.70 | 0.86 | 0.78 | 0.83 | 0.88 | 0.85 | 0.84 | 0.81 | 0.71 | 0.55 | | | |
| 150 | 0.68 | 0.68 | 0.66 | 0.72 | 0.77 | 0.92 | 0.98 | 1.07 | 0.98 | 1.00 | 1.04 | 1.02 | 1.04 | 1.05 | 1.01 | 0.90 | | | |
| 155 | 0.85 | 0.87 | 0.84 | 0.90 | 0.91 | 1.06 | 1.08 | 1.13 | 1.04 | 1.06 | 1.05 | 1.06 | 1.07 | 1.12 | 1.12 | 1.04 | | | |
| 160 | 0.99 | 1.01 | 0.99 | 1.02 | 1.03 | 1.13 | 1.13 | 1.12 | 1.01 | 1.03 | 0.98 | 1.04 | 1.03 | 1.13 | 1.13 | 1.13 | | | |
| 165 | 0.99 | 1.01 | 1.00 | 1.01 | 1.04 | 1.10 | 1.11 | 1.01 | 0.88 | 0.87 | 0.83 | 0.90 | 0.91 | 1.03 | 1.06 | 1.13 | | | |
| 170 | 0.88 | 0.89 | 0.91 | 0.89 | 0.91 | 0.94 | 0.89 | 0.74 | 0.60 | 0.58 | 0.52 | 0.56 | 0.57 | 0.72 | 0.82 | 0.94 | | | |
| 175 | 0.72 | 0.73 | 0.75 | 0.71 | 0.71 | 0.71 | 0.68 | 0.54 | 0.46 | 0.44 | 0.39 | 0.38 | 0.37 | 0.51 | 0.60 | 0.73 | | | |
| 180 | 0.49 | 0.48 | 0.48 | 0.44 | 0.43 | 0.44 | 0.49 | 0.46 | 0.46 | 0.46 | 0.46 | 0.42 | 0.43 | 0.43 | 0.46 | 0.46 | | | |

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:001

Test Date:2024-09-05

γ Range: 0 - 180DEG

γ Interval: 2.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456

Humidity:65.0%

Test Distance:8.370m [K=1.0000]

Remarks: