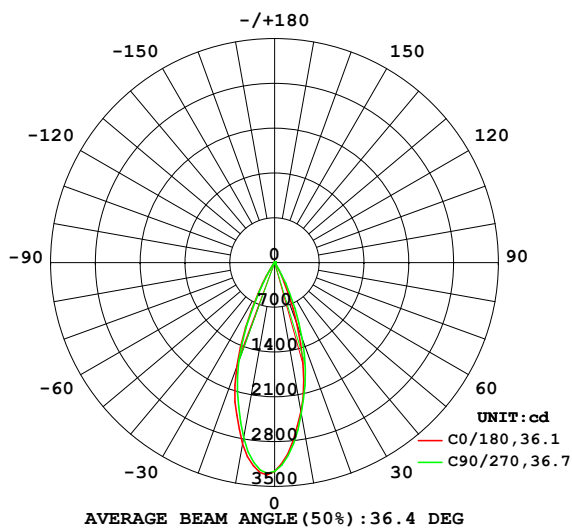


LUMINAIRE PHOTOMETRIC TEST REPORT

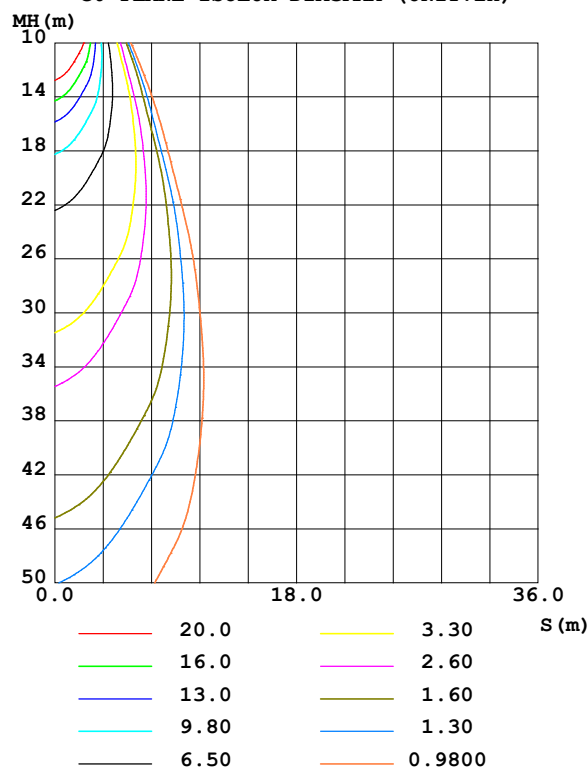
| | | |
|---|---------------|------------------|
| Test:U:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 95.20 lm/W | | | |
|------------------|-----------------------|----------------------------------|--------|-------------------|----------|
| MODEL | DL6105 3000K RA90 40D | I _{max} (cd) | 3342 | S/MH(C0/180) | 0.64 |
| NOMINAL POWER(W) | 13 | LOR(%) | 100.0 | S/MH(C90/270) | 0.63 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 1256.5 | η UP,DN(C0-180) | 0.5,44.7 |
| NOMINAL FLUX(lm) | 1256.49 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.5,54.3 |
| LAMPS INSIDE | 1 | η up (%) | 1.0 | CIBSE SHR NOM | 0.50 |
| TEST VOLTAGE(V) | 220 | η down (%) | 99.0 | CIBSE SHR MAX | 0.60 |

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: 2025-04-25

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 | 2371 | 2327 | 2401 | 2648 | 2880 | 2964 | 2790 | 2554 | 0- 10 | 278.8 | 278.8 | 22.2,22.2 |
| 20 | 1034 | 1028 | 1271 | 1461 | 1729 | 1764 | 1640 | 1326 | 10- 20 | 558.2 | 836.9 | 66.6,66.6 |
| 30 | 126.9 | 102.3 | 238.1 | 280.7 | 384.4 | 453.9 | 347.9 | 194.8 | 20- 30 | 337.8 | 1175 | 93.5,93.5 |
| 40 | 17.10 | 13.98 | 20.15 | 17.58 | 23.74 | 20.44 | 23.51 | 15.57 | 30- 40 | 52.78 | 1228 | 97.7,97.7 |
| 50 | 8.211 | 6.607 | 10.41 | 8.288 | 12.05 | 9.271 | 12.66 | 7.322 | 40- 50 | 10.33 | 1238 | 98.5,98.5 |
| 60 | 1.655 | 2.199 | 2.399 | 3.266 | 3.898 | 4.000 | 3.585 | 2.639 | 50- 60 | 5.019 | 1243 | 98.9,98.9 |
| 70 | 0.3714 | 0.3252 | 0.4640 | 0.4368 | 0.4733 | 0.6231 | 0.5798 | 0.3381 | 60- 70 | 1.236 | 1244 | 99,99 |
| 80 | 0.1193 | 0.1029 | 0.1336 | 0.1389 | 0.1825 | 0.1607 | 0.2078 | 0.0996 | 70- 80 | 0.2985 | 1244 | 99,99 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80- 90 | 0.0531 | 1244 | 99,99 |
| 100 | 0 | 0 | 0 | 0 | 0.0000 | 0 | 0.0028 | 0 | 90-100 | 0.0003 | 1244 | 99,99 |
| 110 | 0.0497 | 0.0470 | 0.0332 | 0.0055 | 0.0222 | 0.0167 | 0.0334 | 0.0390 | 100-110 | 0.0101 | 1244 | 99,99 |
| 120 | 0.5612 | 0.5901 | 0.4794 | 0.3072 | 0.2304 | 0.2198 | 0.3171 | 0.4031 | 110-120 | 0.1540 | 1245 | 99.1,99.1 |
| 130 | 2.094 | 2.126 | 1.858 | 1.471 | 1.207 | 1.154 | 1.354 | 1.636 | 120-130 | 0.8086 | 1245 | 99.1,99.1 |
| 140 | 4.497 | 4.518 | 4.142 | 3.620 | 3.221 | 3.123 | 3.359 | 3.803 | 130-140 | 2.012 | 1247 | 99.3,99.3 |
| 150 | 6.789 | 6.751 | 6.472 | 6.061 | 5.816 | 5.681 | 5.832 | 6.241 | 140-150 | 3.121 | 1251 | 99.5,99.5 |
| 160 | 7.530 | 7.427 | 7.484 | 7.386 | 7.583 | 7.500 | 7.477 | 7.403 | 150-160 | 3.208 | 1254 | 99.8,99.8 |
| 170 | 6.576 | 6.667 | 6.908 | 7.127 | 7.302 | 7.404 | 7.197 | 6.879 | 160-170 | 2.081 | 1256 | 99.9,99.9 |
| 180 | 6.605 | 6.878 | 6.721 | 6.846 | 6.636 | 6.891 | 6.749 | 6.827 | 170-180 | 0.6541 | 1256 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 1234.4 lm

%lum = 98.2%

%lamp = 98.2%

Conical surface Flux(130deg): 1243.8 lm

%lum = 99.0%

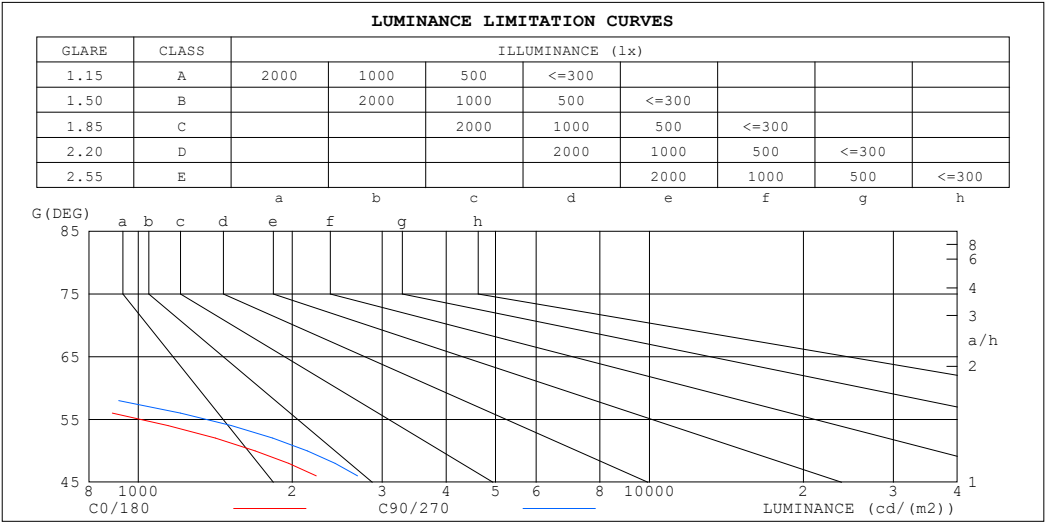
%lamp = 99.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 68 | 55 |
| 80 | 91 | 102 |
| 75 | 135 | 166 |
| 70 | 144 | 179 |
| 65 | 186 | 263 |
| 60 | 439 | 634 |
| 55 | 1172 | 1558 |
| 50 | 1692 | 2140 |
| 45 | 2515 | 2969 |

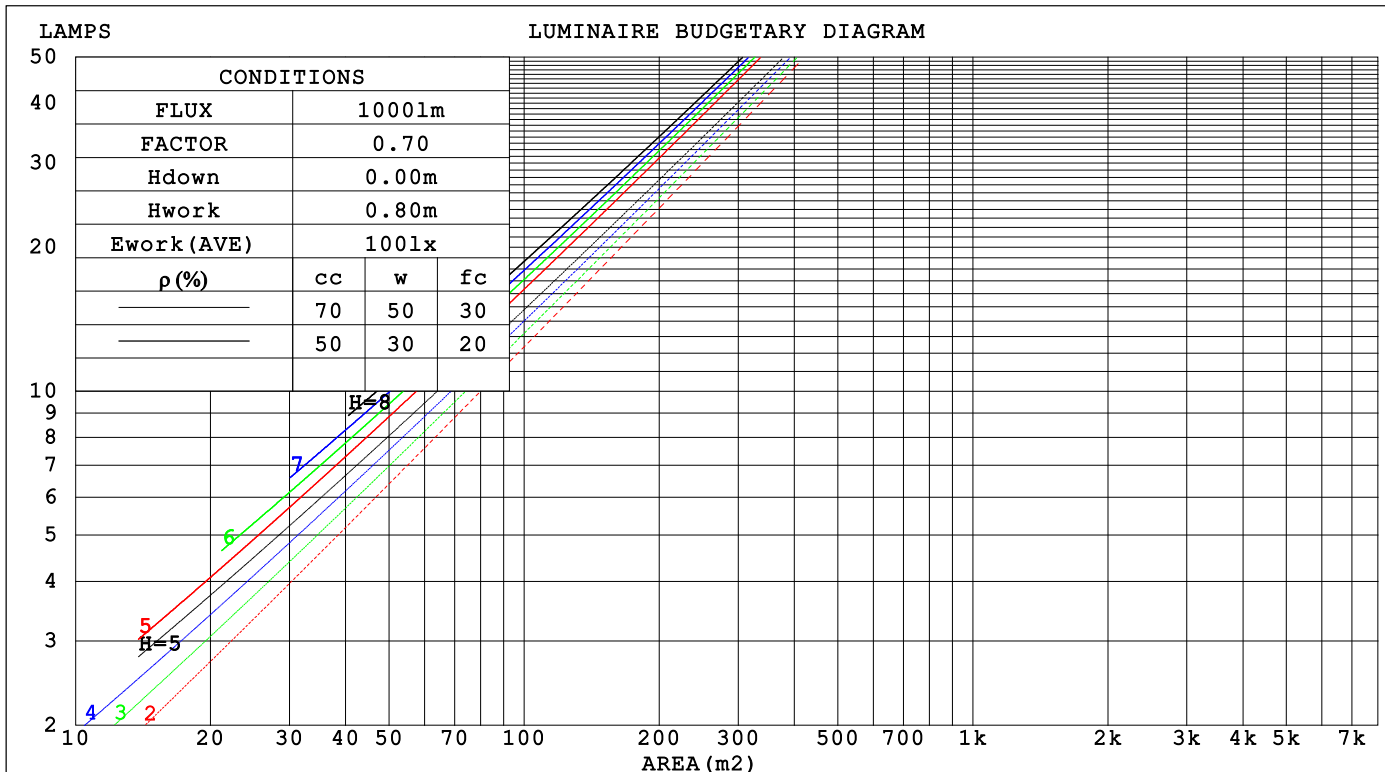
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | 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 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 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.12 | 1.10 | 1.08 | 1.10 | 1.08 | 1.06 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | .00 | .98 | .97 | .97 | .95 |
| 2.0 | 1.06 | 1.03 | .00 | 1.04 | 1.01 | .99 | 1.01 | .99 | .97 | .98 | .96 | .94 | .95 | .94 | .92 | .91 |
| 3.0 | 1.01 | .97 | .94 | .99 | .96 | .93 | .97 | .94 | .91 | .94 | .92 | .90 | .92 | .90 | .88 | .87 |
| 4.0 | .96 | .92 | .88 | .95 | .91 | .88 | .93 | .89 | .87 | .91 | .88 | .86 | .89 | .86 | .84 | .83 |
| 5.0 | .92 | .87 | .84 | .91 | .87 | .83 | .89 | .85 | .83 | .87 | .84 | .82 | .86 | .83 | .81 | .80 |
| 6.0 | .88 | .83 | .80 | .87 | .83 | .79 | .86 | .82 | .79 | .84 | .81 | .78 | .83 | .80 | .78 | .77 |
| 7.0 | .84 | .80 | .76 | .84 | .79 | .76 | .82 | .78 | .76 | .81 | .78 | .75 | .80 | .77 | .75 | .74 |
| 8.0 | .81 | .76 | .73 | .80 | .76 | .73 | .79 | .75 | .73 | .78 | .75 | .72 | .77 | .74 | .72 | .71 |
| 9.0 | .78 | .73 | .70 | .77 | .73 | .70 | .77 | .73 | .70 | .76 | .72 | .69 | .75 | .72 | .69 | .68 |
| 10.0 | .75 | .71 | .67 | .75 | .70 | .67 | .74 | .70 | .67 | .73 | .70 | .67 | .72 | .69 | .67 | .66 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VJC lighting | | | SUR.: 29*29*9 | | | 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 | .149 | .085 | .027 | .142 | .081 | .026 | .129 | .074 | .024 | .118 | .068 | .022 | .107 | .062 | .020 | | |
| 2.0 | .140 | .077 | .024 | .134 | .074 | .023 | .123 | .069 | .021 | .113 | .064 | .020 | .104 | .059 | .019 | | |
| 3.0 | .131 | .070 | .021 | .127 | .068 | .020 | .117 | .064 | .019 | .109 | .060 | .018 | .101 | .056 | .017 | | |
| 4.0 | .124 | .064 | .019 | .120 | .063 | .019 | .112 | .059 | .018 | .105 | .056 | .017 | .098 | .053 | .016 | | |
| 5.0 | .118 | .060 | .017 | .114 | .059 | .017 | .107 | .056 | .016 | .101 | .053 | .016 | .095 | .051 | .015 | | |
| 6.0 | .112 | .056 | .016 | .109 | .055 | .016 | .103 | .053 | .015 | .097 | .051 | .015 | .092 | .049 | .014 | | |
| 7.0 | .107 | .053 | .015 | .104 | .052 | .015 | .099 | .050 | .014 | .094 | .048 | .014 | .089 | .046 | .014 | | |
| 8.0 | .102 | .050 | .014 | .100 | .049 | .014 | .095 | .047 | .014 | .091 | .046 | .013 | .087 | .045 | .013 | | |
| 9.0 | .098 | .047 | .013 | .096 | .047 | .013 | .092 | .045 | .013 | .088 | .044 | .013 | .084 | .043 | .012 | | |
| 10.0 | .094 | .045 | .013 | .092 | .045 | .012 | .088 | .043 | .012 | .085 | .042 | .012 | .082 | .041 | .012 | | |

| 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 | .198 | .198 | .198 | .169 | .169 | .169 | .115 | .115 | .115 | .066 | .066 | .066 | .021 | .021 | .021 | |
| 1.0 | .177 | .165 | .154 | .151 | .142 | .133 | .103 | .097 | .092 | .059 | .056 | .053 | .019 | .018 | .017 | |
| 2.0 | .159 | .140 | .124 | .137 | .121 | .107 | .094 | .083 | .075 | .054 | .049 | .044 | .017 | .016 | .014 | |
| 3.0 | .145 | .121 | .101 | .125 | .104 | .088 | .085 | .072 | .062 | .049 | .042 | .036 | .016 | .014 | .012 | |
| 4.0 | .133 | .106 | .084 | .115 | .091 | .073 | .079 | .064 | .052 | .046 | .037 | .031 | .015 | .012 | .010 | |
| 5.0 | .124 | .094 | .071 | .106 | .081 | .062 | .073 | .057 | .044 | .042 | .033 | .026 | .014 | .011 | .009 | |
| 6.0 | .115 | .084 | .061 | .099 | .073 | .053 | .068 | .051 | .038 | .040 | .030 | .022 | .013 | .010 | .007 | |
| 7.0 | .108 | .076 | .053 | .093 | .066 | .046 | .064 | .046 | .033 | .037 | .027 | .020 | .012 | .009 | .006 | |
| 8.0 | .102 | .069 | .047 | .088 | .060 | .041 | .061 | .042 | .029 | .035 | .025 | .017 | .011 | .008 | .006 | |
| 9.0 | .097 | .064 | .042 | .083 | .055 | .036 | .058 | .039 | .026 | .034 | .023 | .015 | .011 | .008 | .005 | |
| 10.0 | .092 | .059 | .038 | .079 | .052 | .033 | .055 | .036 | .023 | .032 | .021 | .014 | .010 | .007 | .005 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0Lamp Flux:1256.49x1 lm | | | | | | | | | | |
| NAME: DL6105 3000K RA90 40D | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VJC lighting | | | | | SUR.: 29*29*9 | | | 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 | 0.9 | 1.6 | 1.1 | 1.8 | 2.0 | 4.1 | 4.8 | 4.3 | 5.0 | 5.2 |
| 3H | 0.8 | 1.4 | 1.0 | 1.6 | 1.8 | 4.0 | 4.6 | 4.2 | 4.8 | 5.0 |
| 4H | 0.7 | 1.3 | 1.0 | 1.6 | 1.8 | 3.9 | 4.5 | 4.2 | 4.8 | 5.0 |
| 6H | 0.6 | 1.2 | 0.9 | 1.5 | 1.7 | 3.8 | 4.4 | 4.1 | 4.7 | 4.9 |
| 8H | 0.6 | 1.1 | 0.9 | 1.4 | 1.7 | 3.8 | 4.3 | 4.1 | 4.6 | 4.9 |
| 12H | 0.5 | 1.1 | 0.8 | 1.4 | 1.6 | 3.7 | 4.3 | 4.0 | 4.5 | 4.8 |
| 4H 2H | 0.8 | 1.4 | 1.0 | 1.6 | 1.9 | 3.9 | 4.5 | 4.2 | 4.8 | 5.0 |
| 3H | 0.6 | 1.2 | 0.9 | 1.5 | 1.7 | 3.7 | 4.3 | 4.1 | 4.6 | 4.9 |
| 4H | 0.5 | 1.0 | 0.9 | 1.4 | 1.7 | 3.7 | 4.2 | 4.0 | 4.5 | 4.8 |
| 6H | 0.4 | 0.9 | 0.8 | 1.2 | 1.6 | 3.6 | 4.0 | 3.9 | 4.4 | 4.7 |
| 8H | 0.4 | 0.8 | 0.8 | 1.2 | 1.6 | 3.5 | 3.9 | 3.9 | 4.3 | 4.7 |
| 12H | 0.3 | 0.7 | 0.8 | 1.1 | 1.5 | 3.4 | 3.8 | 3.9 | 4.2 | 4.6 |
| 8H 4H | 0.4 | 0.8 | 0.8 | 1.2 | 1.6 | 3.5 | 3.9 | 3.9 | 4.3 | 4.7 |
| 6H | 0.3 | 0.6 | 0.7 | 1.0 | 1.5 | 3.4 | 3.7 | 3.8 | 4.1 | 4.6 |
| 8H | 0.2 | 0.5 | 0.7 | 1.0 | 1.4 | 3.3 | 3.6 | 3.8 | 4.1 | 4.5 |
| 12H | 0.2 | 0.4 | 0.7 | 0.9 | 1.4 | 3.3 | 3.5 | 3.8 | 4.0 | 4.5 |
| 12H 4H | 0.3 | 0.7 | 0.8 | 1.1 | 1.5 | 3.4 | 3.8 | 3.9 | 4.2 | 4.6 |
| 6H | 0.2 | 0.5 | 0.7 | 1.0 | 1.4 | 3.3 | 3.6 | 3.8 | 4.1 | 4.5 |
| 8H | 0.2 | 0.4 | 0.7 | 0.9 | 1.4 | 3.3 | 3.5 | 3.8 | 4.0 | 4.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 2.2 / - 3.9 | | | | | + 2.8 / - 3.5 | | | | |
| 1.5H | + 2.4 / - 2.7 | | | | | + 3.2 / - 2.9 | | | | |
| 2.0H | + 4.8 / - 7.7 | | | | | + 4.9 / - 7.7 | | | | |

CIE Pub.117, 1256 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.8)
Area: 0.00756 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |

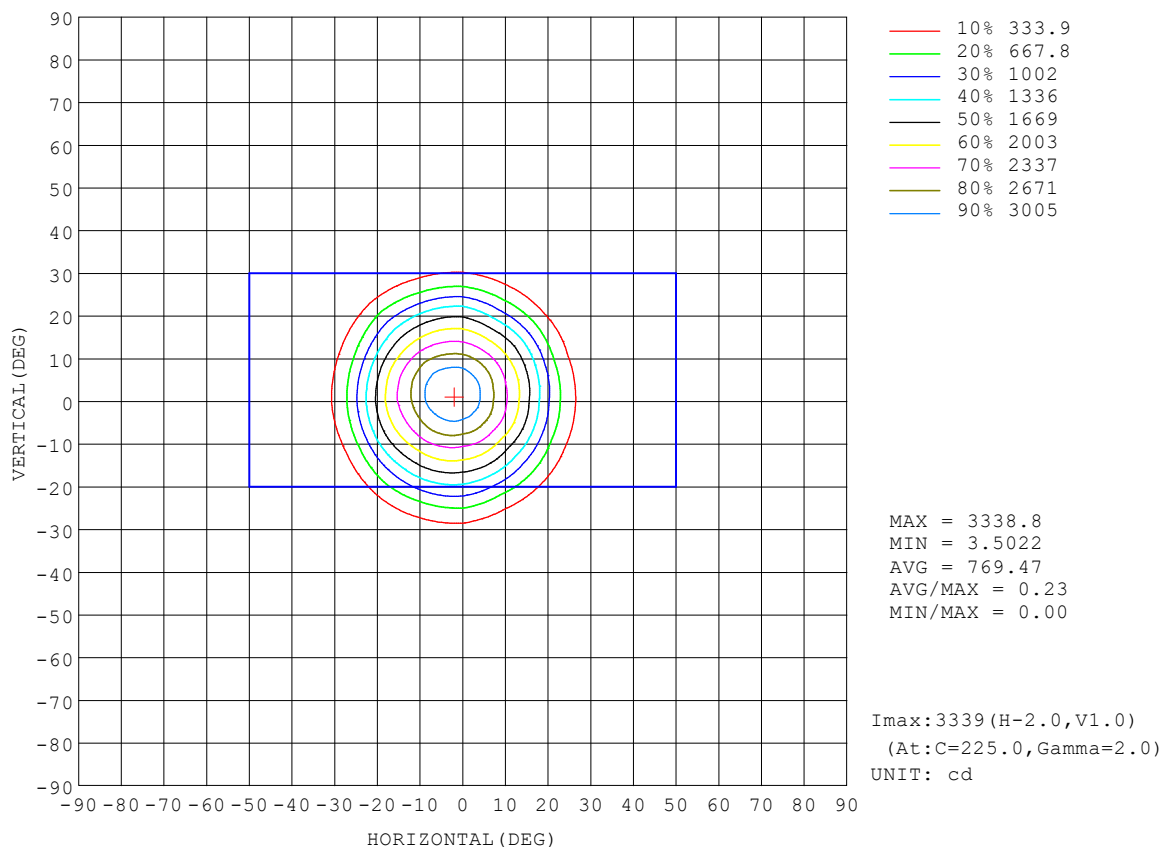
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 90 | 84 | 81 | 90 | 84 | 81 | 89 | 84 | 81 | 77 |
| 0.80 | 97 | 92 | 88 | 96 | 91 | 88 | 95 | 91 | 88 | 84 |
| 1.00 | 101 | 96 | 93 | 100 | 95 | 92 | 99 | 95 | 92 | 88 |
| 1.25 | 105 | 100 | 97 | 104 | 99 | 96 | 102 | 98 | 95 | 91 |
| 1.50 | 107 | 103 | 100 | 106 | 102 | 99 | 104 | 100 | 98 | 94 |
| 2.00 | 109 | 105 | 103 | 108 | 104 | 102 | 105 | 102 | 100 | 95 |
| 2.50 | 111 | 107 | 105 | 109 | 106 | 104 | 106 | 104 | 102 | 96 |
| 3.00 | 112 | 109 | 107 | 110 | 108 | 105 | 107 | 105 | 103 | 97 |
| 4.00 | 114 | 112 | 110 | 112 | 110 | 108 | 108 | 107 | 105 | 98 |
| 5.00 | 115 | 113 | 112 | 113 | 111 | 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℃
Operators: 001
Test Date: 2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |

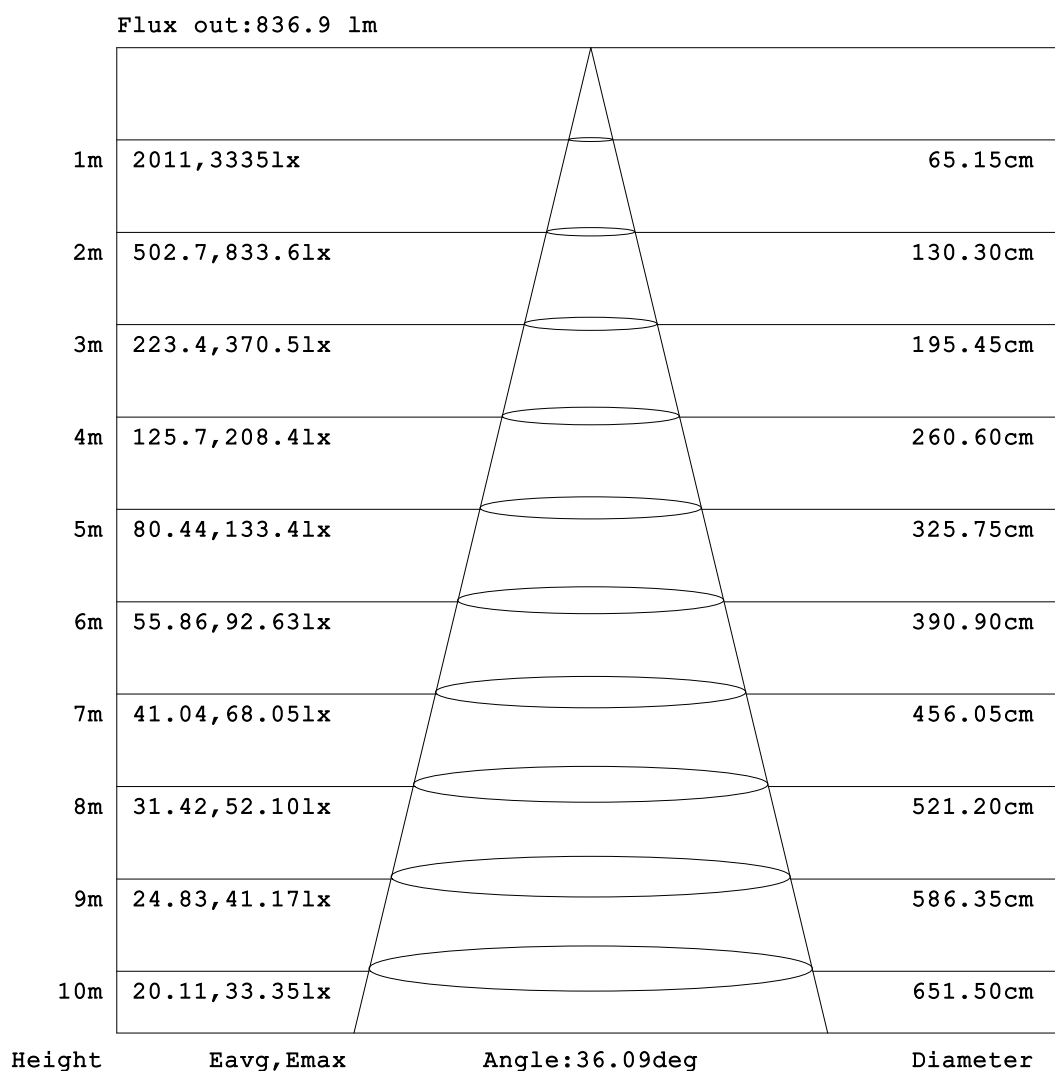


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |



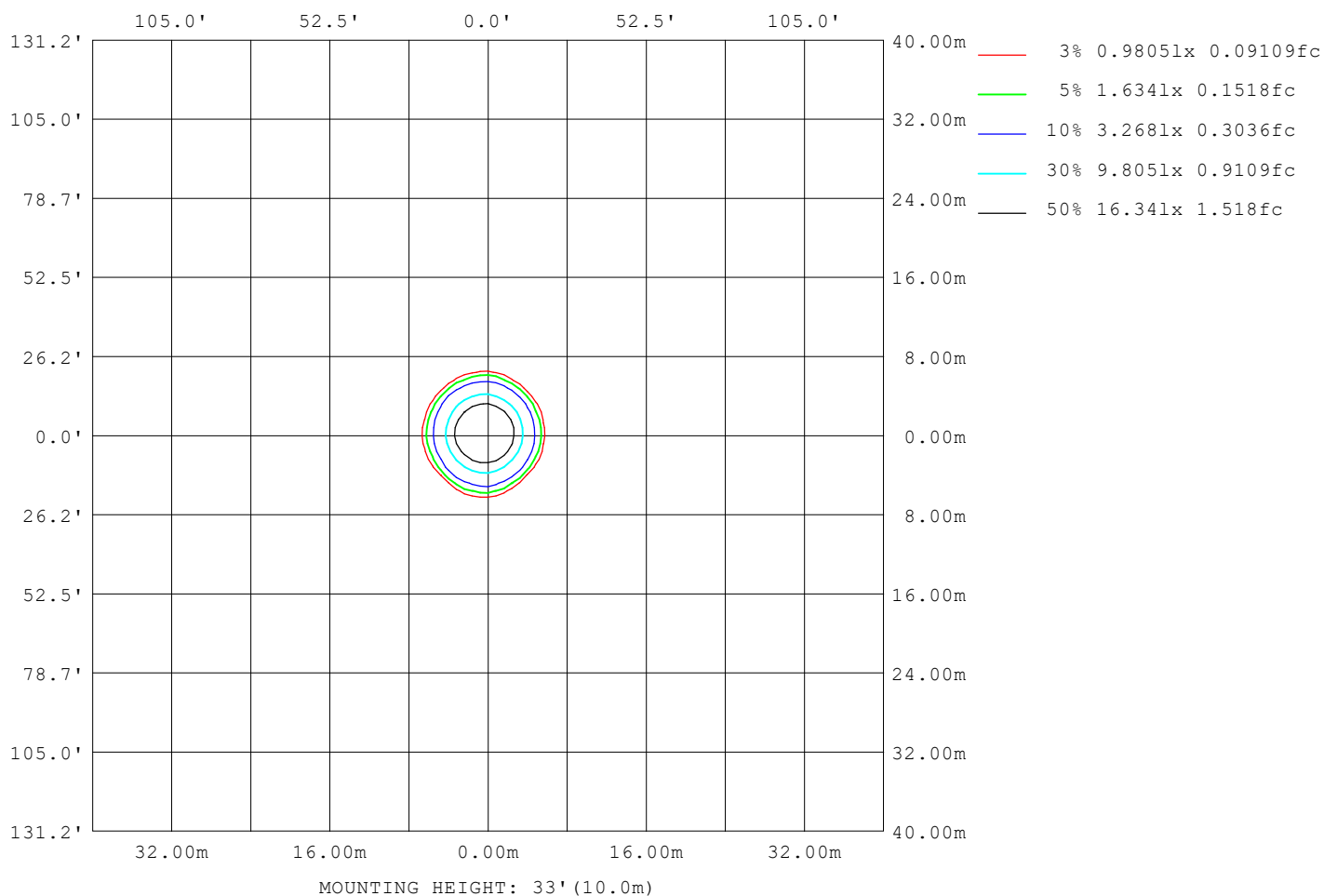
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | |
| NAME: DL6105 3000K RA90 40D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC lighting | SUR.: 29*29*9 | Shielding Angle: |

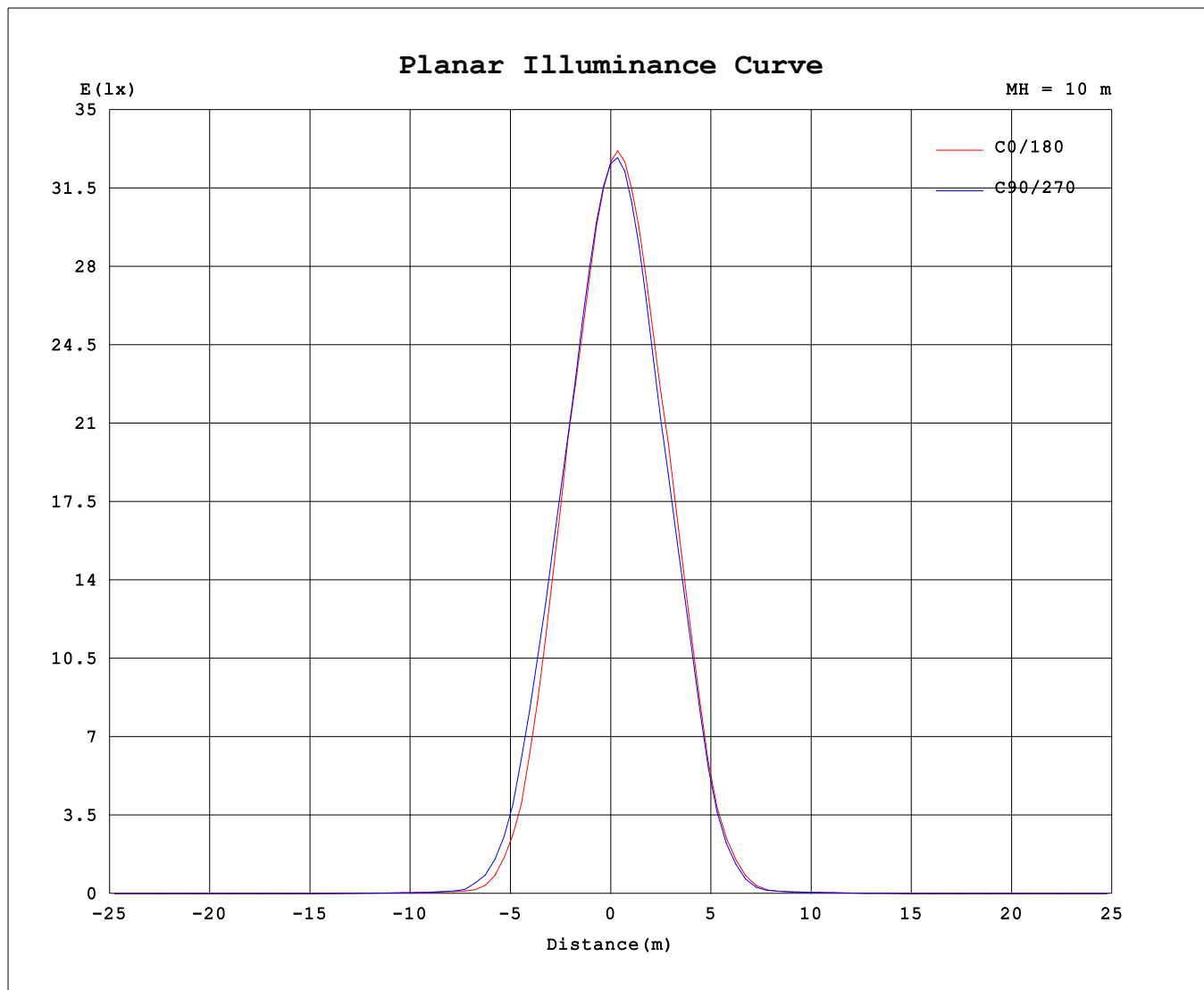
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 292 |
| L_0~180 (75) av | 143 |
| L_0~180 (85) av | 72 |
| L_90~270 (65) av | 281 |
| L_90~270 (75) av | 174 |
| L_90~270 (85) av | 49 |
| L_45 (65) av | 405 |
| L_45 (75) av | 123 |
| L_45 (85) av | 36 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2025-04-25

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: 2025-04-25

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:220.72V I:0.0679A P:13.198W PF:0.8810 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1256.49x1 lm | | | | | | | | | | | | | | | | | |
| NAME: DL6105 3000K RA90 40D | | | | | | | | | TYPE: | | | | | | WEIGHT: | | |
| SPEC.: | | | | | | | | | DIM.: | | | | | | SERIAL No.: | | |
| MFR.: VJC lighting | | | | | | | | | SUR.: 29*29*9 | | | | | | 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 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | 3264 | | | |
| 5 | 2998 | 2985 | 2978 | 2994 | 3025 | 3093 | 3152 | 3222 | 3288 | 3319 | 3337 | 3299 | 3252 | 3174 | 3113 | 3048 | | | |
| 10 | 2371 | 2355 | 2327 | 2367 | 2401 | 2516 | 2648 | 2763 | 2880 | 2947 | 2964 | 2863 | 2790 | 2670 | 2554 | 2427 | | | |
| 15 | 1890 | 1863 | 1827 | 1904 | 1977 | 2083 | 2191 | 2327 | 2458 | 2518 | 2523 | 2410 | 2328 | 2195 | 2098 | 2005 | | | |
| 20 | 1034 | 1011 | 1028 | 1129 | 1271 | 1363 | 1461 | 1621 | 1729 | 1762 | 1764 | 1702 | 1640 | 1425 | 1326 | 1163 | | | |
| 25 | 523 | 511 | 568 | 611 | 789 | 839 | 923 | 1012 | 1121 | 1148 | 1197 | 1135 | 1072 | 852 | 745 | 585 | | | |
| 30 | 127 | 119 | 102 | 170 | 238 | 265 | 281 | 300 | 384 | 397 | 454 | 370 | 348 | 248 | 195 | 159 | | | |
| 35 | 32.4 | 35.3 | 25.7 | 46.0 | 87.2 | 86.2 | 87.1 | 113 | 140 | 141 | 124 | 129 | 113 | 88.3 | 37.6 | 40.6 | | | |
| 40 | 17.1 | 15.8 | 14.0 | 16.4 | 20.2 | 20.0 | 17.6 | 20.5 | 23.7 | 24.4 | 20.4 | 23.1 | 23.5 | 18.8 | 15.6 | 16.6 | | | |
| 45 | 13.4 | 11.4 | 10.4 | 12.4 | 15.9 | 14.5 | 13.0 | 15.4 | 17.4 | 16.3 | 14.6 | 16.3 | 18.1 | 14.1 | 11.6 | 12.1 | | | |
| 50 | 8.21 | 6.62 | 6.61 | 7.54 | 10.4 | 8.73 | 8.29 | 9.49 | 12.1 | 9.94 | 9.27 | 10.2 | 12.7 | 8.71 | 7.32 | 7.12 | | | |
| 55 | 5.07 | 4.36 | 4.67 | 5.01 | 6.76 | 5.91 | 6.03 | 6.60 | 8.54 | 6.95 | 6.91 | 7.23 | 8.68 | 5.96 | 5.26 | 4.66 | | | |
| 60 | 1.66 | 1.75 | 2.20 | 2.07 | 2.40 | 2.66 | 3.27 | 3.23 | 3.90 | 3.53 | 4.00 | 3.50 | 3.58 | 2.65 | 2.64 | 1.84 | | | |
| 65 | 0.59 | 0.71 | 1.00 | 0.88 | 0.84 | 1.16 | 1.74 | 1.61 | 1.76 | 1.82 | 2.32 | 1.72 | 1.41 | 1.21 | 1.27 | 0.77 | | | |
| 70 | 0.37 | 0.33 | 0.33 | 0.37 | 0.46 | 0.42 | 0.44 | 0.44 | 0.47 | 0.50 | 0.62 | 0.55 | 0.58 | 0.49 | 0.34 | 0.36 | | | |
| 75 | 0.26 | 0.23 | 0.24 | 0.25 | 0.33 | 0.29 | 0.28 | 0.31 | 0.35 | 0.36 | 0.30 | 0.41 | 0.43 | 0.37 | 0.23 | 0.27 | | | |
| 80 | 0.12 | 0.09 | 0.10 | 0.09 | 0.13 | 0.11 | 0.14 | 0.15 | 0.18 | 0.21 | 0.16 | 0.22 | 0.21 | 0.18 | 0.10 | 0.13 | | | |
| 85 | 0.04 | 0.01 | 0.03 | 0.00 | 0.04 | 0.01 | 0.04 | 0.06 | 0.09 | 0.12 | 0.07 | 0.12 | 0.08 | 0.06 | 0.01 | 0.04 | | | |
| 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 | 0.01 | 0.00 | 0.01 | 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 | 0.02 | 0.00 | 0.02 | 0.00 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | | | |
| 110 | 0.05 | 0.07 | 0.05 | 0.07 | 0.03 | 0.05 | 0.01 | 0.03 | 0.02 | 0.00 | 0.02 | 0.00 | 0.03 | 0.01 | 0.04 | 0.02 | | | |
| 115 | 0.16 | 0.19 | 0.16 | 0.18 | 0.12 | 0.11 | 0.06 | 0.07 | 0.06 | 0.02 | 0.05 | 0.03 | 0.09 | 0.07 | 0.11 | 0.09 | | | |
| 120 | 0.56 | 0.60 | 0.59 | 0.57 | 0.48 | 0.40 | 0.31 | 0.28 | 0.23 | 0.19 | 0.22 | 0.24 | 0.32 | 0.35 | 0.40 | 0.43 | | | |
| 125 | 1.04 | 1.08 | 1.07 | 1.02 | 0.90 | 0.79 | 0.65 | 0.58 | 0.50 | 0.45 | 0.48 | 0.52 | 0.62 | 0.69 | 0.78 | 0.85 | | | |
| 130 | 2.09 | 2.14 | 2.13 | 2.01 | 1.86 | 1.66 | 1.47 | 1.33 | 1.21 | 1.14 | 1.15 | 1.23 | 1.35 | 1.48 | 1.64 | 1.78 | | | |
| 135 | 2.98 | 3.02 | 3.02 | 2.87 | 2.68 | 2.45 | 2.23 | 2.05 | 1.90 | 1.82 | 1.83 | 1.92 | 2.05 | 2.22 | 2.41 | 2.60 | | | |
| 140 | 4.50 | 4.53 | 4.52 | 4.34 | 4.14 | 3.85 | 3.62 | 3.40 | 3.22 | 3.13 | 3.12 | 3.22 | 3.36 | 3.58 | 3.80 | 4.06 | | | |
| 145 | 5.52 | 5.54 | 5.52 | 5.35 | 5.15 | 4.87 | 4.63 | 4.40 | 4.24 | 4.15 | 4.12 | 4.22 | 4.35 | 4.59 | 4.82 | 5.09 | | | |
| 150 | 6.79 | 6.78 | 6.75 | 6.61 | 6.47 | 6.26 | 6.06 | 5.89 | 5.82 | 5.70 | 5.68 | 5.74 | 5.83 | 6.01 | 6.24 | 6.43 | | | |
| 155 | 7.33 | 7.32 | 7.26 | 7.18 | 7.06 | 6.95 | 6.79 | 6.70 | 6.71 | 6.60 | 6.60 | 6.60 | 6.66 | 6.77 | 6.94 | 7.05 | | | |
| 160 | 7.53 | 7.43 | 7.43 | 7.44 | 7.48 | 7.46 | 7.39 | 7.43 | 7.58 | 7.49 | 7.50 | 7.47 | 7.48 | 7.42 | 7.40 | 7.41 | | | |
| 165 | 7.20 | 7.09 | 7.15 | 7.23 | 7.36 | 7.38 | 7.44 | 7.49 | 7.68 | 7.65 | 7.64 | 7.62 | 7.56 | 7.47 | 7.30 | 7.26 | | | |
| 170 | 6.58 | 6.53 | 6.67 | 6.80 | 6.91 | 6.98 | 7.13 | 7.21 | 7.30 | 7.47 | 7.40 | 7.29 | 7.20 | 7.09 | 6.88 | 6.80 | | | |
| 175 | 6.39 | 6.43 | 6.60 | 6.62 | 6.65 | 6.75 | 6.95 | 6.95 | 6.94 | 7.17 | 7.18 | 6.98 | 6.87 | 6.86 | 6.77 | 6.60 | | | |
| 180 | 6.61 | 6.73 | 6.88 | 6.77 | 6.72 | 6.75 | 6.85 | 6.71 | 6.64 | 6.74 | 6.89 | 6.76 | 6.75 | 6.77 | 6.83 | 6.68 | | | |

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Operators:001

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γ Range: 0 - 180DEG

γ Interval: 2.0DEG

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Remarks: