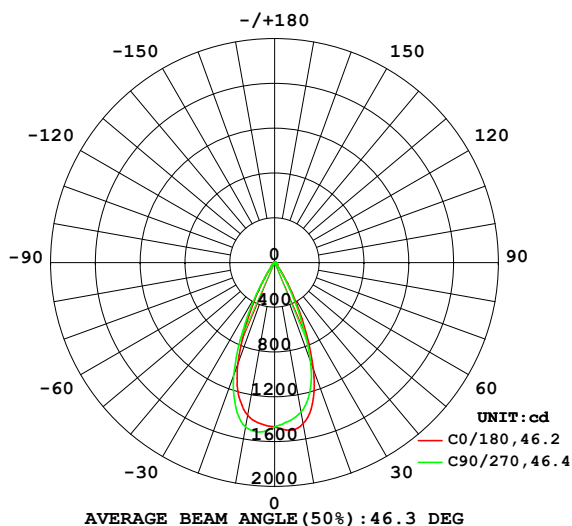


LUMINAIRE PHOTOMETRIC TEST REPORT

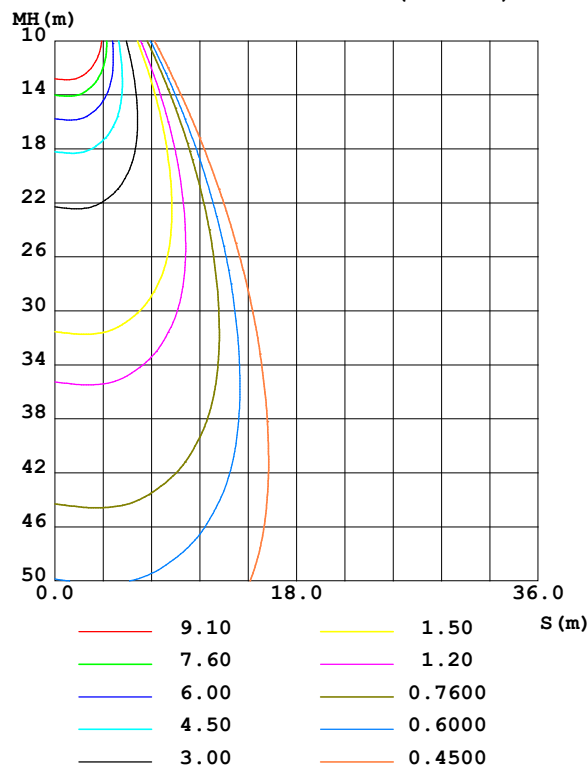
| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 88.94 lm/W | | | |
|------------------|-----------------------|----------------------------------|--------|-------------------|----------|
| MODEL | DL3232 4000K RA90 36D | I _{max} (cd) | 1535 | S/MH(C0/180) | 0.70 |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | S/MH(C90/270) | 0.73 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 915.91 | η UP,DN(C0-180) | 0.3,48.0 |
| NOMINAL FLUX(lm) | 915.908 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.4,51.3 |
| LAMPS INSIDE | 1 | η up (%) | 0.7 | CIBSE SHR NOM | 0.75 |
| TEST VOLTAGE(V) | 220 | η down (%) | 99.3 | CIBSE SHR MAX | 0.75 |

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: 2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [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 | 1461 | 1410 | 1357 | 1339 | 1386 | 1450 | 1493 | 1501 | 0- 10 | 139.0 | 139.0 | 15.2,15.2 |
| 20 | 1012 | 979.9 | 936.7 | 918.2 | 961.0 | 1042 | 1070 | 1067 | 10- 20 | 348.7 | 487.7 | 53.2,53.2 |
| 30 | 315.8 | 291.3 | 264.3 | 269.7 | 285.1 | 315.2 | 329.5 | 341.9 | 20- 30 | 281.8 | 769.5 | 84,84 |
| 40 | 45.10 | 46.33 | 48.74 | 55.31 | 51.65 | 51.00 | 47.57 | 47.92 | 30- 40 | 81.31 | 850.8 | 92.9,92.9 |
| 50 | 22.86 | 24.29 | 22.89 | 25.32 | 26.40 | 26.98 | 24.35 | 25.10 | 40- 50 | 26.47 | 877.3 | 95.8,95.8 |
| 60 | 15.63 | 14.92 | 14.34 | 14.92 | 14.84 | 15.50 | 14.84 | 15.46 | 50- 60 | 17.34 | 894.6 | 97.7,97.7 |
| 70 | 6.343 | 5.826 | 5.263 | 5.100 | 5.697 | 6.183 | 6.010 | 6.322 | 60- 70 | 10.51 | 905.1 | 98.8,98.8 |
| 80 | 1.109 | 1.347 | 1.383 | 1.315 | 0.9672 | 1.654 | 1.300 | 1.739 | 70- 80 | 3.632 | 908.8 | 99.2,99.2 |
| 90 | 0.0112 | 0.0136 | 0.0229 | 0.0208 | 0.0202 | 0.0136 | 0.0160 | 0.0138 | 80- 90 | 0.3534 | 909.1 | 99.3,99.3 |
| 100 | 0.0358 | 0.0340 | 0.0365 | 0.0322 | 0.0493 | 0.0432 | 0.0435 | 0.0460 | 90-100 | 0.0270 | 909.1 | 99.3,99.3 |
| 110 | 0.0917 | 0.0907 | 0.0914 | 0.0874 | 0.1098 | 0.0999 | 0.1031 | 0.1105 | 100-110 | 0.0702 | 909.2 | 99.3,99.3 |
| 120 | 0.1968 | 0.1949 | 0.1942 | 0.1953 | 0.3743 | 0.3543 | 0.3459 | 0.3525 | 110-120 | 0.1647 | 909.4 | 99.3,99.3 |
| 130 | 0.6036 | 0.6320 | 0.6442 | 0.6388 | 1.147 | 1.092 | 1.060 | 1.055 | 120-130 | 0.4639 | 909.8 | 99.3,99.3 |
| 140 | 1.521 | 1.589 | 1.627 | 1.609 | 2.397 | 2.297 | 2.237 | 2.213 | 130-140 | 1.040 | 910.9 | 99.5,99.5 |
| 150 | 2.696 | 2.786 | 2.867 | 2.845 | 3.735 | 3.633 | 3.577 | 3.533 | 140-150 | 1.597 | 912.5 | 99.6,99.6 |
| 160 | 3.677 | 3.749 | 3.835 | 3.805 | 4.616 | 4.587 | 4.603 | 4.533 | 150-160 | 1.711 | 914.2 | 99.8,99.8 |
| 170 | 4.449 | 4.463 | 4.519 | 4.506 | 4.976 | 4.993 | 5.008 | 4.970 | 160-170 | 1.257 | 915.4 | 99.9,99.9 |
| 180 | 5.085 | 5.149 | 5.115 | 5.156 | 5.126 | 5.174 | 5.147 | 5.174 | 170-180 | 0.4671 | 915.9 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 865.78 lm

%lum = 94.5%

%lamp = 94.5%

Conical surface Flux(130deg): 900.92 lm

%lum = 98.4%

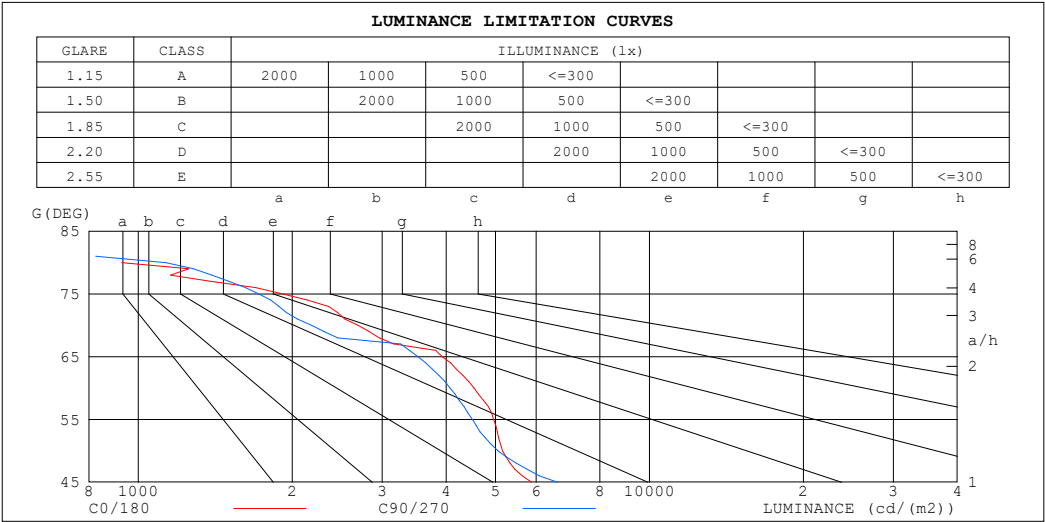
%lamp = 98.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |



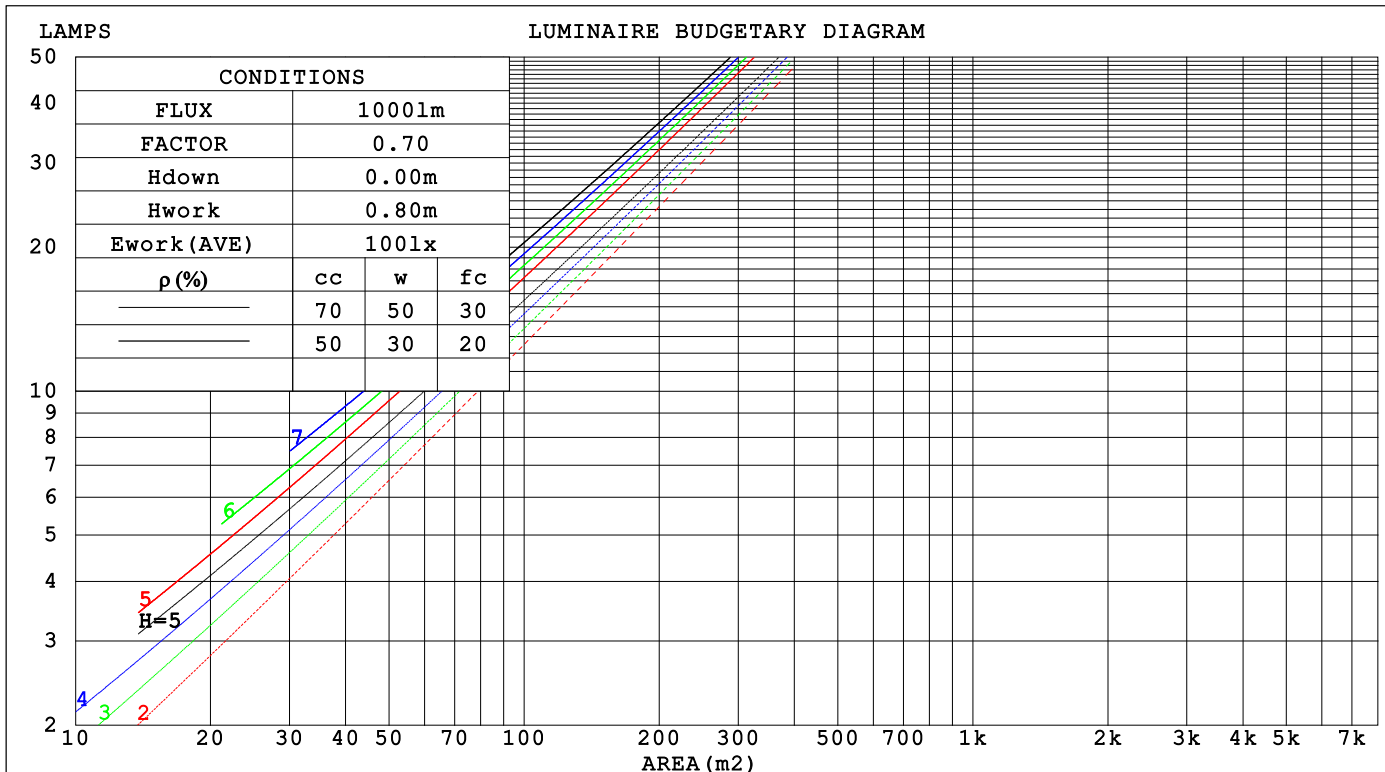
| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 71 | 143 |
| 80 | 927 | 1131 |
| 75 | 1917 | 1721 |
| 70 | 2692 | 2185 |
| 65 | 3936 | 3527 |
| 60 | 4539 | 4075 |
| 55 | 4956 | 4506 |
| 50 | 5162 | 5057 |
| 45 | 5883 | 6614 |

| | |
|----------------------|---|
| C Range: 0 - 360DEG | γ Range: 0 - 180DEG |
| C Interval: 22.5DEG | γ Interval: 1.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456 |
| Temperature:25.3℃ | Humidity:65.0% |
| Operators:001 | Test Distance:7.580m [K=1.0000] |
| Test Date:2024-03-18 | Remarks: |

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | 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:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|---|--|--|---------------------------------|--|--|------------------------|--|--|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz | | | UTHDi:0.00% ITHDi:0.00% KDisp:0 | | | Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | DIM.: | | | SERIAL No.: | | |
| MFR.: VJC Lighting | | | SUR.: 84*84 | | | 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 | .169 | .096 | .030 | .162 | .092 | .029 | .149 | .085 | .027 | .137 | .079 | .025 | .126 | .073 | .023 | | |
| 2.0 | .160 | .087 | .027 | .154 | .085 | .026 | .143 | .079 | .025 | .133 | .075 | .023 | .124 | .070 | .022 | | |
| 3.0 | .151 | .080 | .024 | .146 | .078 | .024 | .137 | .074 | .022 | .128 | .070 | .022 | .120 | .066 | .021 | | |
| 4.0 | .143 | .074 | .022 | .138 | .072 | .021 | .130 | .069 | .021 | .123 | .066 | .020 | .116 | .063 | .019 | | |
| 5.0 | .135 | .069 | .020 | .131 | .068 | .020 | .125 | .065 | .019 | .118 | .062 | .019 | .112 | .060 | .018 | | |
| 6.0 | .128 | .064 | .018 | .125 | .063 | .018 | .119 | .061 | .018 | .114 | .059 | .017 | .108 | .057 | .017 | | |
| 7.0 | .122 | .061 | .017 | .120 | .060 | .017 | .114 | .058 | .017 | .109 | .056 | .016 | .104 | .054 | .016 | | |
| 8.0 | .117 | .057 | .016 | .114 | .056 | .016 | .110 | .055 | .016 | .105 | .053 | .015 | .101 | .052 | .015 | | |
| 9.0 | .112 | .054 | .015 | .110 | .053 | .015 | .105 | .052 | .015 | .101 | .051 | .015 | .098 | .050 | .014 | | |
| 10.0 | .107 | .051 | .014 | .105 | .051 | .014 | .101 | .050 | .014 | .098 | .049 | .014 | .094 | .047 | .014 | | |

| 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 | .196 | .196 | .196 | .168 | .168 | .168 | .114 | .114 | .114 | .066 | .066 | .066 | .021 | .021 | .021 | | |
| 1.0 | .176 | .163 | .151 | .151 | .140 | .130 | .103 | .096 | .090 | .059 | .056 | .052 | .019 | .018 | .017 | | |
| 2.0 | .160 | .138 | .120 | .137 | .119 | .104 | .094 | .082 | .072 | .054 | .048 | .042 | .017 | .015 | .014 | | |
| 3.0 | .147 | .119 | .097 | .126 | .103 | .084 | .087 | .071 | .059 | .050 | .042 | .035 | .016 | .014 | .011 | | |
| 4.0 | .136 | .104 | .080 | .117 | .090 | .069 | .080 | .063 | .049 | .047 | .037 | .029 | .015 | .012 | .010 | | |
| 5.0 | .127 | .093 | .067 | .109 | .080 | .058 | .075 | .056 | .041 | .044 | .033 | .024 | .014 | .011 | .008 | | |
| 6.0 | .119 | .083 | .057 | .102 | .072 | .050 | .071 | .050 | .035 | .041 | .030 | .021 | .013 | .010 | .007 | | |
| 7.0 | .112 | .075 | .049 | .097 | .065 | .043 | .067 | .046 | .031 | .039 | .027 | .018 | .013 | .009 | .006 | | |
| 8.0 | .106 | .069 | .043 | .092 | .060 | .038 | .063 | .042 | .027 | .037 | .025 | .016 | .012 | .008 | .005 | | |
| 9.0 | .101 | .064 | .038 | .087 | .055 | .033 | .060 | .039 | .024 | .035 | .023 | .014 | .011 | .008 | .005 | | |
| 10.0 | .097 | .059 | .034 | .083 | .051 | .030 | .058 | .036 | .021 | .034 | .021 | .013 | .011 | .007 | .004 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------------------|------|------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | | | | | | | | | |
| NAME: DL3232 4000K RA90 36D | | | | | | TYPE: | | WEIGHT: | | |
| SPEC.: | | | | | | DIM.: | | SERIAL No.: | | |
| MFR.: VJC Lighting | | | | | | SUR.: 84*84 | | 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 | 13.6 | 14.4 | 13.8 | 14.6 | 14.8 | 13.0 | 13.9 | 13.3 | 14.1 | 14.2 |
| 3H | 13.9 | 14.7 | 14.2 | 14.9 | 15.1 | 13.4 | 14.2 | 13.6 | 14.4 | 14.6 |
| 4H | 14.0 | 14.8 | 14.3 | 15.0 | 15.2 | 13.4 | 14.2 | 13.7 | 14.4 | 14.6 |
| 6H | 14.0 | 14.7 | 14.3 | 14.9 | 15.2 | 13.4 | 14.1 | 13.7 | 14.4 | 14.6 |
| 8H | 13.9 | 14.6 | 14.3 | 14.9 | 15.2 | 13.4 | 14.1 | 13.7 | 14.3 | 14.6 |
| 12H | 13.9 | 14.5 | 14.2 | 14.8 | 15.1 | 13.3 | 14.0 | 13.7 | 14.3 | 14.5 |
| 4H 2H | 13.7 | 14.4 | 14.0 | 14.7 | 14.9 | 13.2 | 14.0 | 13.5 | 14.2 | 14.4 |
| 3H | 14.1 | 14.8 | 14.5 | 15.1 | 15.4 | 13.6 | 14.3 | 13.9 | 14.5 | 14.8 |
| 4H | 14.3 | 14.8 | 14.6 | 15.2 | 15.5 | 13.7 | 14.3 | 14.1 | 14.6 | 14.9 |
| 6H | 14.2 | 14.8 | 14.6 | 15.1 | 15.5 | 13.7 | 14.2 | 14.1 | 14.6 | 14.9 |
| 8H | 14.2 | 14.7 | 14.6 | 15.0 | 15.4 | 13.7 | 14.2 | 14.1 | 14.5 | 14.9 |
| 12H | 14.1 | 14.6 | 14.6 | 15.0 | 15.4 | 13.6 | 14.1 | 14.1 | 14.5 | 14.9 |
| 8H 4H | 14.2 | 14.7 | 14.6 | 15.0 | 15.4 | 13.7 | 14.2 | 14.1 | 14.5 | 14.9 |
| 6H | 14.2 | 14.6 | 14.6 | 15.0 | 15.4 | 13.7 | 14.1 | 14.1 | 14.5 | 14.9 |
| 8H | 14.2 | 14.5 | 14.6 | 14.9 | 15.4 | 13.7 | 14.0 | 14.1 | 14.5 | 14.9 |
| 12H | 14.1 | 14.4 | 14.6 | 14.9 | 15.4 | 13.6 | 13.9 | 14.1 | 14.4 | 14.9 |
| 12H 4H | 14.2 | 14.6 | 14.6 | 15.0 | 15.4 | 13.6 | 14.1 | 14.0 | 14.5 | 14.9 |
| 6H | 14.2 | 14.5 | 14.6 | 14.9 | 15.4 | 13.7 | 14.0 | 14.1 | 14.4 | 14.9 |
| 8H | 14.1 | 14.4 | 14.6 | 14.9 | 15.4 | 13.6 | 13.9 | 14.1 | 14.4 | 14.9 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.4 / - 1.1 | | | | | + 1.1 / - 1.2 | | | | |
| 1.5H | + 2.5 / - 0.7 | | | | | + 2.0 / - 1.0 | | | | |
| 2.0H | + 0.5 / - 0.6 | | | | | + 0.9 / - 0.8 | | | | |

CIE Pub.117, 915.9 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.3)
Area: 0.007 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |

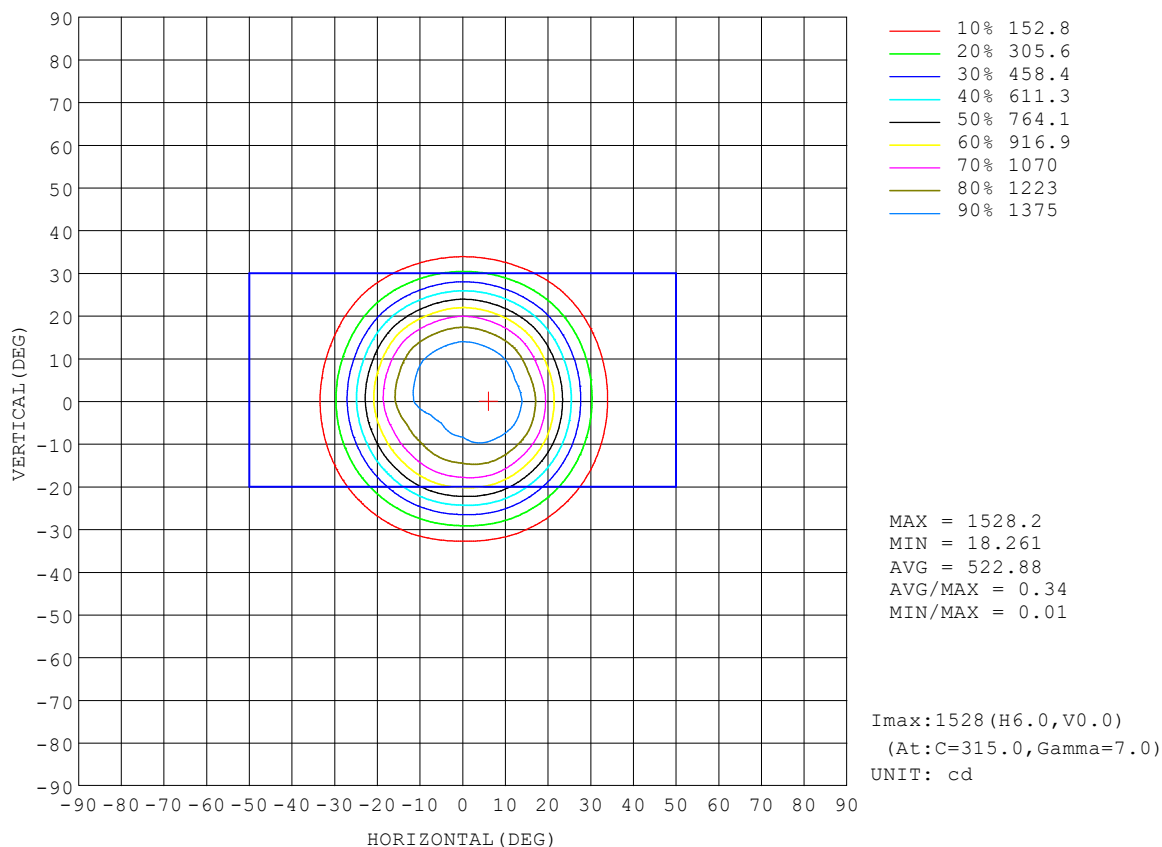
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 87 | 81 | 77 | 87 | 81 | 77 | 86 | 80 | 77 | 73 |
| 0.80 | 94 | 89 | 85 | 94 | 88 | 85 | 93 | 88 | 84 | 81 |
| 1.00 | 99 | 93 | 90 | 98 | 93 | 89 | 96 | 93 | 89 | 85 |
| 1.25 | 103 | 98 | 94 | 102 | 97 | 94 | 100 | 96 | 93 | 88 |
| 1.50 | 106 | 101 | 97 | 104 | 100 | 97 | 102 | 98 | 96 | 91 |
| 2.00 | 108 | 104 | 101 | 107 | 103 | 100 | 104 | 101 | 98 | 93 |
| 2.50 | 110 | 106 | 103 | 108 | 105 | 102 | 105 | 102 | 100 | 94 |
| 3.00 | 111 | 108 | 105 | 110 | 107 | 104 | 106 | 104 | 102 | 95 |
| 4.00 | 114 | 111 | 109 | 111 | 109 | 107 | 108 | 106 | 104 | 97 |
| 5.00 | 115 | 113 | 111 | 113 | 111 | 109 | 109 | 107 | 106 | 98 |
| 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: 2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |

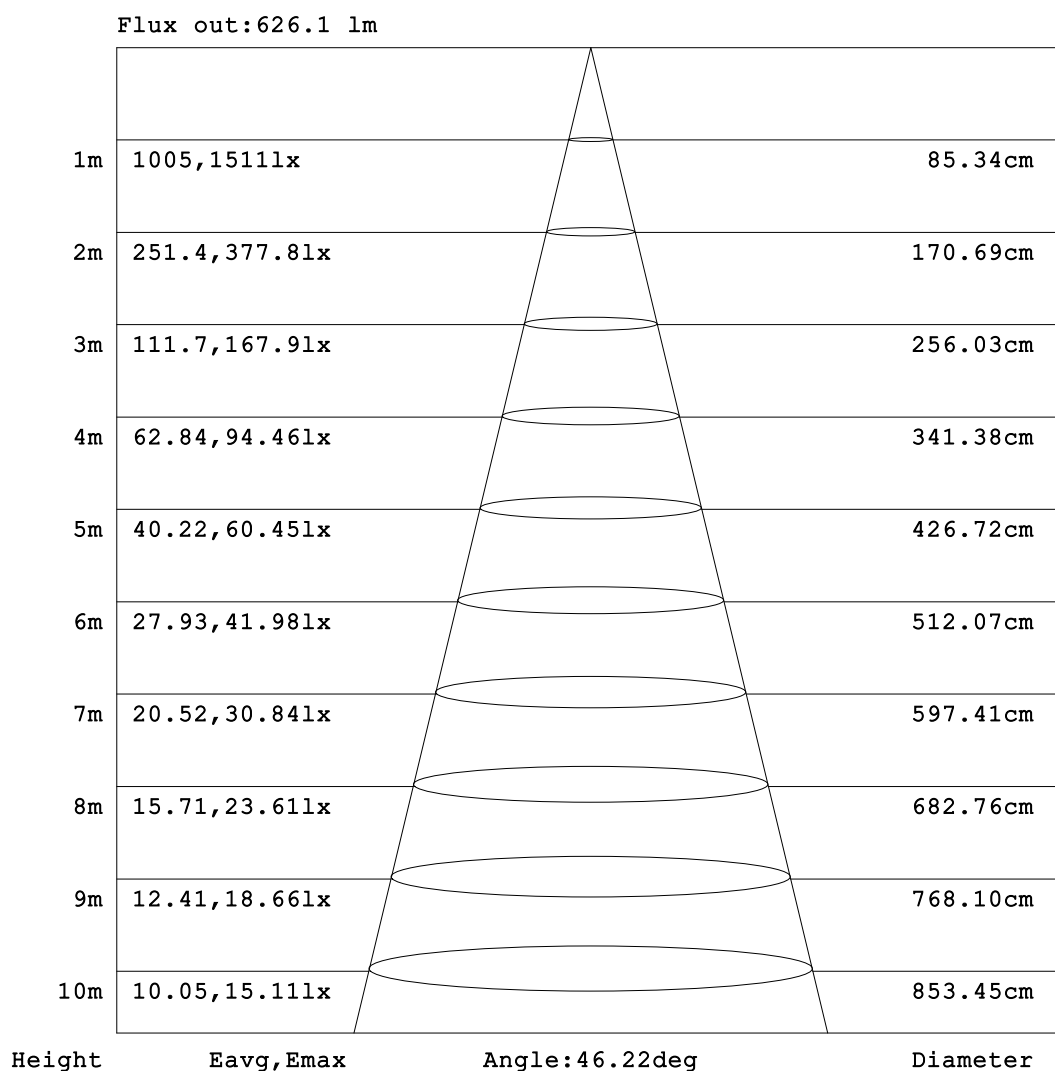


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |



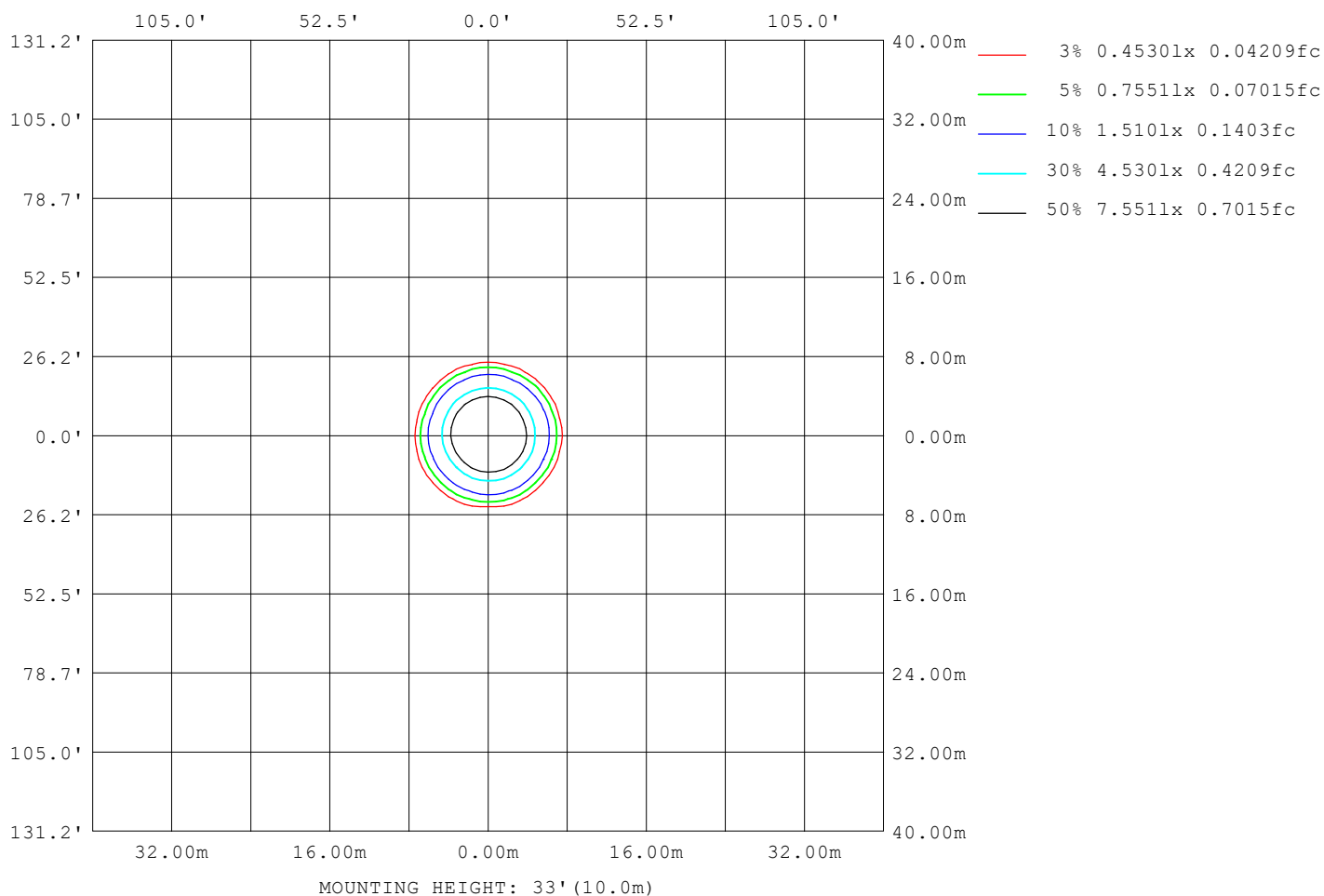
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators: 001
Test Date: 2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: 001
Test Date: 2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | Shielding Angle: |

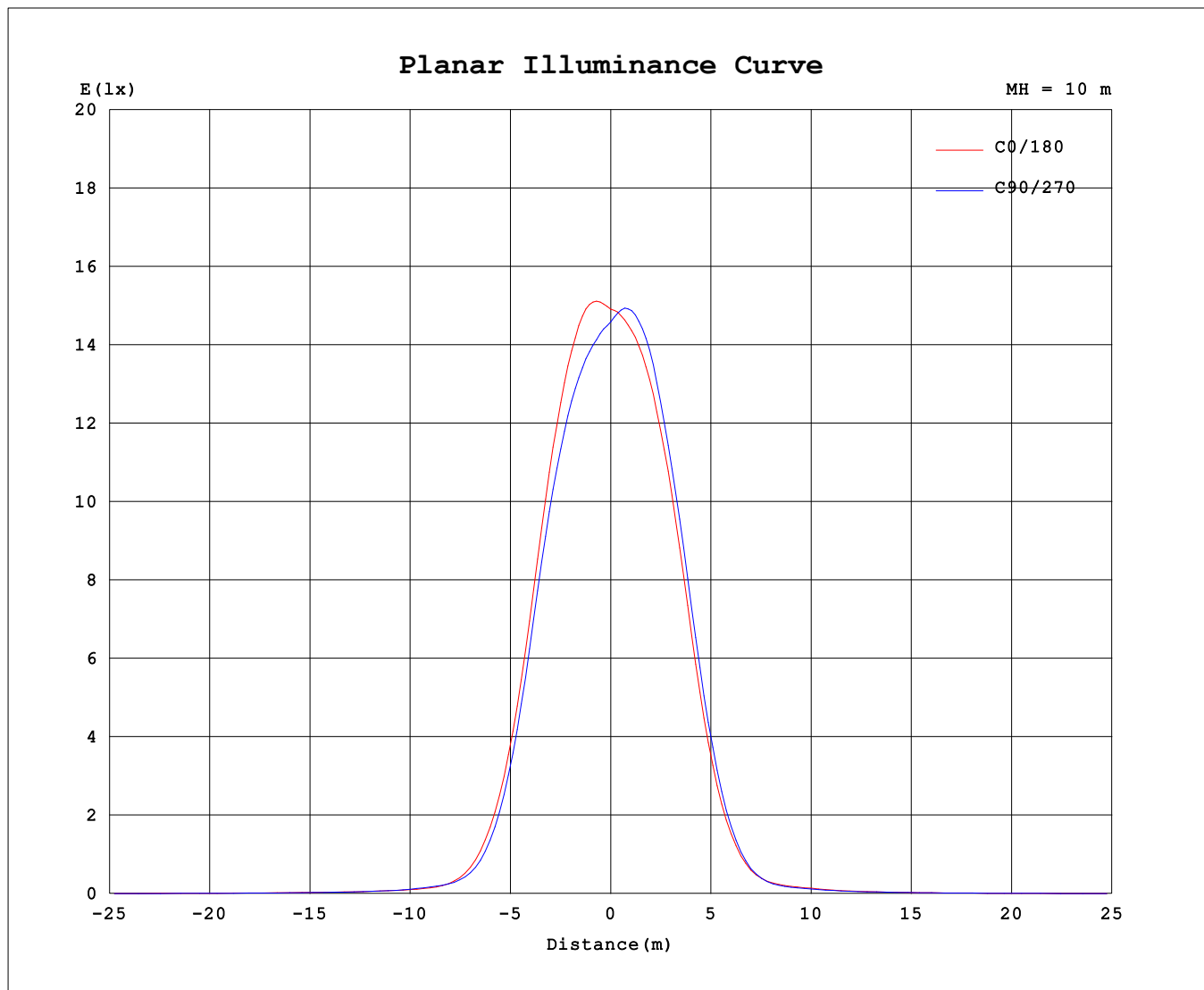
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 3800 |
| L_0~180 (75) av | 1892 |
| L_0~180 (85) av | 70 |
| L_90~270 (65) av | 3635 |
| L_90~270 (75) av | 1840 |
| L_90~270 (85) av | 102 |
| L_45 (65) av | 3756 |
| L_45 (75) av | 1902 |
| L_45 (85) av | 167 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:001
Test Date:2024-03-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [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: 2024-03-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------|------------------|
| Test:U:230.74V I:0.0783A P:10.299W PF:0.5697 Freq:49.99Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:915.908x1 lm | | |
| NAME: DL3232 4000K RA90 36D | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: VJC Lighting | SUR.: 84*84 | 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 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | 1468 | | | |
| 5 | 1502 | 1482 | 1457 | 1440 | 1424 | 1413 | 1416 | 1425 | 1444 | 1460 | 1484 | 1496 | 1518 | 1522 | 1529 | 1515 | | | |
| 10 | 1461 | 1449 | 1410 | 1383 | 1357 | 1346 | 1339 | 1352 | 1386 | 1411 | 1450 | 1459 | 1493 | 1492 | 1501 | 1476 | | | |
| 15 | 1307 | 1300 | 1266 | 1241 | 1212 | 1196 | 1187 | 1198 | 1237 | 1267 | 1310 | 1313 | 1341 | 1335 | 1350 | 1317 | | | |
| 20 | 1012 | 1012 | 980 | 965 | 937 | 928 | 918 | 934 | 961 | 989 | 1042 | 1041 | 1070 | 1057 | 1067 | 1030 | | | |
| 25 | 634 | 626 | 607 | 591 | 567 | 561 | 562 | 573 | 592 | 610 | 655 | 659 | 682 | 676 | 686 | 658 | | | |
| 30 | 316 | 304 | 291 | 281 | 264 | 264 | 270 | 280 | 285 | 291 | 315 | 318 | 329 | 331 | 342 | 335 | | | |
| 35 | 121 | 113 | 107 | 104 | 97.8 | 104 | 109 | 109 | 108 | 107 | 115 | 115 | 116 | 118 | 131 | 125 | | | |
| 40 | 45.1 | 43.9 | 46.3 | 48.4 | 48.7 | 53.4 | 55.3 | 54.9 | 51.7 | 49.4 | 51.0 | 49.9 | 47.6 | 47.4 | 47.9 | 45.2 | | | |
| 45 | 28.7 | 28.1 | 30.8 | 32.1 | 32.9 | 35.5 | 36.2 | 37.2 | 38.6 | 37.9 | 37.8 | 35.5 | 34.1 | 33.0 | 32.5 | 29.2 | | | |
| 50 | 22.9 | 22.3 | 24.3 | 23.6 | 22.9 | 23.9 | 25.3 | 25.5 | 26.4 | 26.1 | 27.0 | 24.5 | 24.3 | 24.2 | 25.1 | 23.6 | | | |
| 55 | 19.6 | 19.2 | 19.3 | 18.6 | 18.2 | 18.5 | 19.1 | 19.0 | 19.5 | 19.3 | 20.2 | 19.4 | 18.9 | 19.0 | 20.1 | 20.0 | | | |
| 60 | 15.6 | 15.3 | 14.9 | 14.4 | 14.3 | 14.4 | 14.9 | 14.7 | 14.8 | 14.9 | 15.5 | 15.0 | 14.8 | 14.7 | 15.5 | 15.6 | | | |
| 65 | 11.5 | 11.1 | 10.8 | 10.7 | 10.5 | 10.5 | 10.9 | 10.9 | 11.0 | 10.9 | 11.3 | 11.1 | 11.0 | 10.9 | 11.4 | 11.5 | | | |
| 70 | 6.34 | 6.10 | 5.83 | 5.50 | 5.26 | 5.01 | 5.10 | 5.40 | 5.70 | 5.88 | 6.18 | 6.11 | 6.01 | 5.94 | 6.32 | 6.33 | | | |
| 75 | 3.42 | 3.56 | 3.37 | 3.20 | 3.14 | 2.98 | 3.02 | 3.26 | 3.44 | 3.50 | 3.60 | 3.56 | 3.53 | 3.47 | 3.79 | 3.73 | | | |
| 80 | 1.11 | 1.39 | 1.35 | 1.35 | 1.38 | 1.30 | 1.31 | 1.38 | 0.97 | 1.47 | 1.65 | 1.59 | 1.30 | 1.45 | 1.74 | 1.41 | | | |
| 85 | 0.04 | 0.04 | 0.09 | 0.07 | 0.09 | 0.10 | 0.15 | 0.08 | 0.04 | 0.09 | 0.13 | 0.08 | 0.04 | 0.06 | 0.04 | 0.06 | | | |
| 90 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.01 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | | | |
| 95 | 0.01 | 0.03 | 0.01 | 0.03 | 0.02 | 0.03 | 0.02 | 0.04 | 0.03 | 0.02 | 0.03 | 0.02 | 0.03 | 0.01 | 0.03 | 0.01 | | | |
| 100 | 0.04 | 0.06 | 0.03 | 0.06 | 0.04 | 0.06 | 0.03 | 0.06 | 0.05 | 0.02 | 0.04 | 0.02 | 0.04 | 0.03 | 0.05 | 0.02 | | | |
| 105 | 0.06 | 0.08 | 0.06 | 0.09 | 0.06 | 0.08 | 0.06 | 0.08 | 0.07 | 0.04 | 0.06 | 0.04 | 0.07 | 0.04 | 0.07 | 0.05 | | | |
| 110 | 0.09 | 0.12 | 0.09 | 0.12 | 0.09 | 0.12 | 0.09 | 0.11 | 0.11 | 0.08 | 0.10 | 0.08 | 0.10 | 0.08 | 0.11 | 0.08 | | | |
| 115 | 0.13 | 0.15 | 0.13 | 0.15 | 0.13 | 0.15 | 0.13 | 0.15 | 0.20 | 0.16 | 0.18 | 0.16 | 0.18 | 0.16 | 0.19 | 0.17 | | | |
| 120 | 0.20 | 0.22 | 0.19 | 0.22 | 0.19 | 0.21 | 0.20 | 0.22 | 0.37 | 0.34 | 0.35 | 0.33 | 0.35 | 0.32 | 0.35 | 0.33 | | | |
| 125 | 0.34 | 0.37 | 0.35 | 0.37 | 0.35 | 0.37 | 0.35 | 0.36 | 0.69 | 0.66 | 0.66 | 0.63 | 0.64 | 0.62 | 0.64 | 0.63 | | | |
| 130 | 0.60 | 0.63 | 0.63 | 0.65 | 0.64 | 0.65 | 0.64 | 0.64 | 1.15 | 1.11 | 1.09 | 1.06 | 1.06 | 1.04 | 1.05 | 1.05 | | | |
| 135 | 1.00 | 1.04 | 1.04 | 1.07 | 1.07 | 1.07 | 1.06 | 1.05 | 1.73 | 1.69 | 1.65 | 1.60 | 1.60 | 1.58 | 1.59 | 1.58 | | | |
| 140 | 1.52 | 1.56 | 1.59 | 1.61 | 1.63 | 1.62 | 1.61 | 1.60 | 2.40 | 2.34 | 2.30 | 2.24 | 2.24 | 2.20 | 2.21 | 2.21 | | | |
| 145 | 2.10 | 2.16 | 2.19 | 2.23 | 2.25 | 2.24 | 2.23 | 2.21 | 3.08 | 3.03 | 2.98 | 2.92 | 2.92 | 2.87 | 2.88 | 2.87 | | | |
| 150 | 2.70 | 2.76 | 2.79 | 2.83 | 2.87 | 2.86 | 2.84 | 2.83 | 3.73 | 3.67 | 3.63 | 3.57 | 3.58 | 3.52 | 3.53 | 3.51 | | | |
| 155 | 3.23 | 3.29 | 3.31 | 3.36 | 3.40 | 3.40 | 3.37 | 3.36 | 4.27 | 4.20 | 4.19 | 4.15 | 4.17 | 4.10 | 4.11 | 4.06 | | | |
| 160 | 3.68 | 3.72 | 3.75 | 3.80 | 3.84 | 3.83 | 3.80 | 3.79 | 4.62 | 4.57 | 4.59 | 4.55 | 4.60 | 4.53 | 4.53 | 4.46 | | | |
| 165 | 4.07 | 4.09 | 4.11 | 4.17 | 4.19 | 4.18 | 4.17 | 4.16 | 4.83 | 4.80 | 4.82 | 4.79 | 4.86 | 4.78 | 4.79 | 4.73 | | | |
| 170 | 4.45 | 4.48 | 4.46 | 4.52 | 4.52 | 4.50 | 4.51 | 4.54 | 4.98 | 4.98 | 4.99 | 4.92 | 5.01 | 4.94 | 4.97 | 4.91 | | | |
| 175 | 4.81 | 4.87 | 4.87 | 4.87 | 4.83 | 4.85 | 4.89 | 4.89 | 5.08 | 5.10 | 5.17 | 5.07 | 5.12 | 5.09 | 5.15 | 5.04 | | | |
| 180 | 5.09 | 5.13 | 5.15 | 5.13 | 5.11 | 5.11 | 5.16 | 5.12 | 5.13 | 5.12 | 5.17 | 5.11 | 5.15 | 5.11 | 5.17 | 5.10 | | | |

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:001

Test Date:2024-03-18

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Remarks: