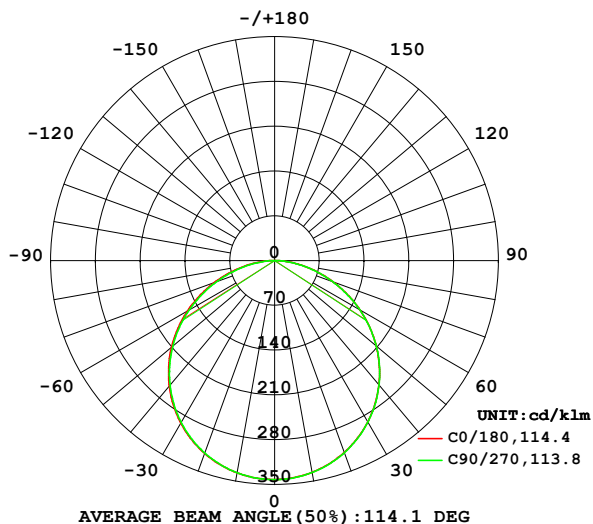


LUMINAIRE PHOTOMETRIC TEST REPORT

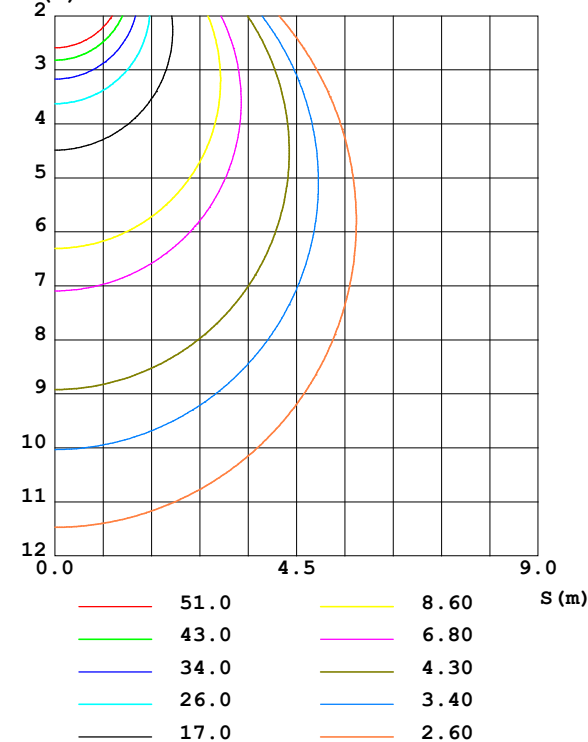
| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 66.14 lm/W | | | |
|-------------------|---------|----------------------------------|--------|---------------------|-----------|
| MODEL | LB76312 | I _{max} (cd/klm) | 342.6 | S/MH (C0/180) | 1.27 |
| NOMINAL POWER (W) | 15 | LOR (%) | 100.0 | S/MH (C90/270) | 1.27 |
| RATED VOLTAGE (V) | 120.0 | TOTAL FLUX (lm/klm) | 1000.0 | η UP, DN (C0-180) | 0.0, 50.0 |
| NOMINAL FLUX (lm) | 1003.61 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.0, 50.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120 | η down (%) | 100.0 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT: lx/klm)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

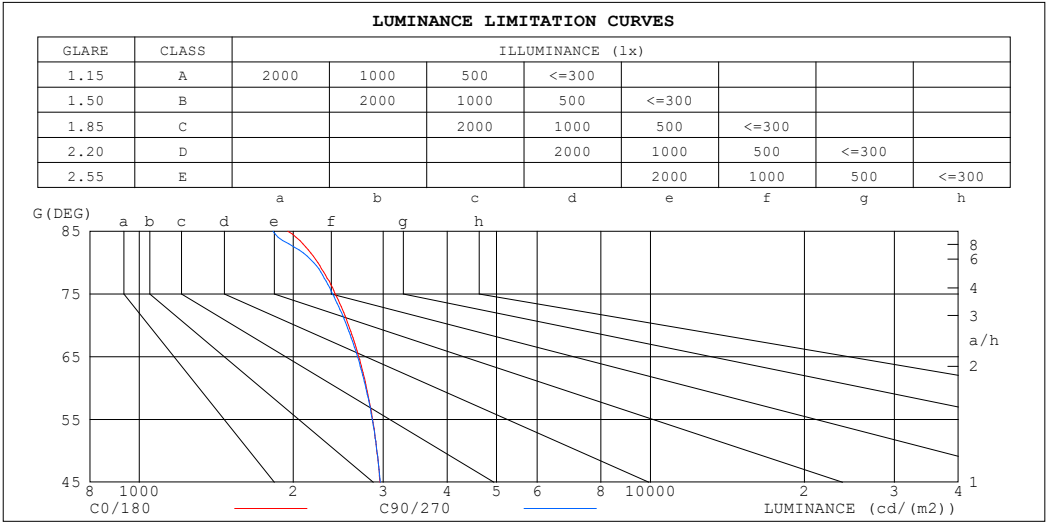
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|---------------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 336.1 | 336.3 | 336.5 | 336.9 | 336.9 | 337.0 | 336.8 | 336.7 | 0- 10 | 32.41 | 32.41 | 3.24,3.24 |
| 20 | 319.0 | 319.0 | 319.4 | 320.2 | 320.6 | 320.5 | 319.9 | 319.6 | 10- 20 | 93.05 | 125.5 | 12.5,12.5 |
| 30 | 291.3 | 291.2 | 291.6 | 292.5 | 293.5 | 293.1 | 292.1 | 291.9 | 20- 30 | 141.6 | 267.1 | 26.7,26.7 |
| 40 | 253.8 | 253.6 | 254.0 | 255.1 | 256.3 | 255.5 | 254.4 | 254.0 | 30- 40 | 171.7 | 438.8 | 43.9,43.9 |
| 50 | 207.5 | 207.2 | 207.5 | 208.8 | 210.3 | 209.2 | 207.9 | 207.6 | 40- 50 | 179.2 | 618.1 | 61.8,61.8 |
| 60 | 154.1 | 153.5 | 153.7 | 155.3 | 157.1 | 155.6 | 154.0 | 153.9 | 50- 60 | 162.8 | 780.9 | 78.1,78.1 |
| 70 | 97.18 | 96.43 | 96.32 | 98.17 | 100.1 | 98.18 | 96.20 | 96.73 | 60- 70 | 124.8 | 905.7 | 90.6,90.6 |
| 80 | 42.95 | 42.63 | 42.17 | 43.71 | 44.96 | 43.00 | 41.01 | 42.05 | 70- 80 | 73.40 | 979.1 | 97.9,97.9 |
| 90 | 0.8578 | 0.8648 | 0.9754 | 0.8648 | 0.6503 | 0.6157 | 0.6088 | 0.6226 | 80- 90 | 20.92 | 1000 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd/klm | | | | | | | | | UNIT:lm/klm | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 1952 | 1827 |
| 80 | 2234 | 2193 |
| 75 | 2417 | 2387 |
| 70 | 2566 | 2544 |
| 65 | 2686 | 2671 |
| 60 | 2784 | 2776 |
| 55 | 2861 | 2856 |
| 50 | 2915 | 2916 |
| 45 | 2958 | 2961 |

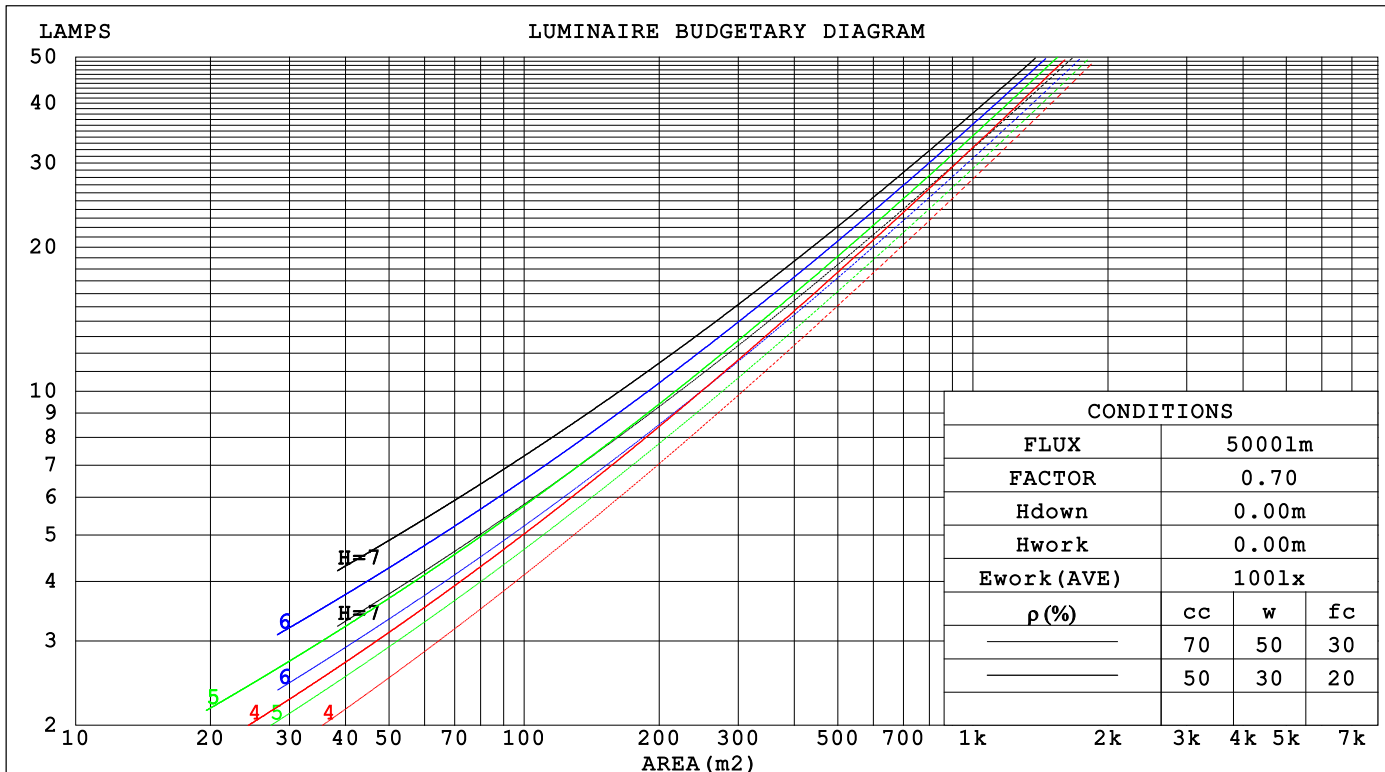
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | | | | | | | | | | | | | | |
|-----------------|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| p _w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | | | | | | | | | | | | | | |
| p _{fc} | 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 | 1.02 | 1.02 | 1.02 | 1.00 | | | | | | | | | | | | | | |
| 1.0 | 1.04 | .99 | .95 | 1.01 | .97 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .90 | .87 | .85 | .83 | | | | | | | | | | | | | | |
| 2.0 | .90 | .83 | .77 | .88 | .82 | .76 | .85 | .79 | .75 | .81 | .77 | .73 | .78 | .75 | .71 | .69 | | | | | | | | | | | | | | |
| 3.0 | .79 | .71 | .64 | .77 | .70 | .63 | .74 | .68 | .62 | .72 | .66 | .61 | .69 | .64 | .60 | .58 | | | | | | | | | | | | | | |
| 4.0 | .70 | .61 | .54 | .69 | .60 | .54 | .66 | .59 | .53 | .64 | .57 | .52 | .61 | .56 | .52 | .49 | | | | | | | | | | | | | | |
| 5.0 | .62 | .53 | .46 | .61 | .53 | .46 | .59 | .51 | .46 | .57 | .50 | .45 | .55 | .49 | .45 | .43 | | | | | | | | | | | | | | |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .40 | .53 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .39 | .37 | | | | | | | | | | | | | | |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .48 | .41 | .35 | .47 | .40 | .35 | .46 | .39 | .35 | .33 | | | | | | | | | | | | | | |
| 8.0 | .46 | .38 | .32 | .46 | .37 | .32 | .44 | .37 | .32 | .43 | .36 | .31 | .42 | .36 | .31 | .29 | | | | | | | | | | | | | | |
| 9.0 | .42 | .34 | .29 | .42 | .34 | .29 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .33 | .28 | .26 | | | | | | | | | | | | | | |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .25 | .24 | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | 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 | .314 | .179 | .057 | .307 | .175 | .056 | .294 | .169 | .054 | .282 | .163 | .052 | .271 | .157 | .051 | | |
| 2.0 | .295 | .162 | .050 | .289 | .159 | .049 | .277 | .154 | .048 | .266 | .149 | .047 | .256 | .145 | .046 | | |
| 3.0 | .273 | .145 | .043 | .267 | .143 | .043 | .257 | .139 | .042 | .247 | .135 | .042 | .238 | .132 | .041 | | |
| 4.0 | .251 | .131 | .038 | .246 | .129 | .038 | .237 | .126 | .038 | .229 | .123 | .037 | .221 | .120 | .037 | | |
| 5.0 | .232 | .118 | .034 | .228 | .117 | .034 | .219 | .114 | .034 | .212 | .112 | .033 | .205 | .109 | .033 | | |
| 6.0 | .215 | .108 | .031 | .211 | .107 | .031 | .204 | .104 | .030 | .197 | .102 | .030 | .191 | .100 | .030 | | |
| 7.0 | .200 | .099 | .028 | .196 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .178 | .093 | .027 | | |
| 8.0 | .187 | .091 | .026 | .184 | .090 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | | |
| 9.0 | .175 | .085 | .024 | .172 | .084 | .024 | .167 | .082 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | | |
| 10.0 | .164 | .079 | .022 | .162 | .078 | .022 | .157 | .077 | .022 | .153 | .076 | .022 | .148 | .075 | .021 | | |

| 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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | | |
| 1.0 | .181 | .156 | .134 | .155 | .134 | .115 | .106 | .092 | .080 | .061 | .053 | .046 | .019 | .017 | .015 | | |
| 2.0 | .173 | .132 | .098 | .148 | .114 | .084 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 | | |
| 3.0 | .165 | .114 | .074 | .141 | .099 | .064 | .097 | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | | |
| 4.0 | .157 | .101 | .058 | .135 | .087 | .050 | .093 | .061 | .035 | .054 | .036 | .021 | .017 | .012 | .007 | | |
| 5.0 | .150 | .091 | .047 | .129 | .078 | .041 | .089 | .055 | .029 | .051 | .032 | .017 | .017 | .010 | .006 | | |
| 6.0 | .143 | .082 | .039 | .123 | .071 | .034 | .085 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | | |
| 7.0 | .136 | .075 | .033 | .117 | .065 | .029 | .081 | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 | | |
| 8.0 | .129 | .070 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .003 | | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .074 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | | |
| 10.0 | .117 | .060 | .022 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.6lx1 lm | | | | | | | | | | |
| NAME: LB76312 | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: 4000K | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: LB | | | | | SUR.: | | | 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 | 16.5 | 18.1 | 16.8 | 18.3 | 18.5 | 16.5 | 18.0 | 16.8 | 18.2 | 18.4 |
| 3H | 18.1 | 19.5 | 18.4 | 19.7 | 20.0 | 18.0 | 19.5 | 18.3 | 19.7 | 19.9 |
| 4H | 18.7 | 20.1 | 19.0 | 20.3 | 20.6 | 18.7 | 20.0 | 19.0 | 20.3 | 20.5 |
| 6H | 19.2 | 20.4 | 19.5 | 20.7 | 21.0 | 19.1 | 20.4 | 19.5 | 20.7 | 20.9 |
| 8H | 19.3 | 20.6 | 19.7 | 20.8 | 21.1 | 19.3 | 20.5 | 19.6 | 20.8 | 21.1 |
| 12H | 19.4 | 20.6 | 19.8 | 20.9 | 21.2 | 19.4 | 20.5 | 19.7 | 20.8 | 21.1 |
| 4H 2H | 17.1 | 18.5 | 17.4 | 18.7 | 19.0 | 17.1 | 18.5 | 17.4 | 18.7 | 19.0 |
| 3H | 18.9 | 20.1 | 19.2 | 20.3 | 20.7 | 18.8 | 20.0 | 19.2 | 20.3 | 20.6 |
| 4H | 19.6 | 20.7 | 20.0 | 21.0 | 21.4 | 19.6 | 20.7 | 20.0 | 21.0 | 21.3 |
| 6H | 20.2 | 21.2 | 20.6 | 21.6 | 21.9 | 20.2 | 21.1 | 20.6 | 21.5 | 21.9 |
| 8H | 20.5 | 21.4 | 20.9 | 21.7 | 22.1 | 20.4 | 21.3 | 20.8 | 21.7 | 22.0 |
| 12H | 20.6 | 21.4 | 21.0 | 21.8 | 22.2 | 20.5 | 21.3 | 21.0 | 21.7 | 22.1 |
| 8H 4H | 19.9 | 20.8 | 20.3 | 21.2 | 21.6 | 19.9 | 20.8 | 20.3 | 21.1 | 21.5 |
| 6H | 20.7 | 21.4 | 21.1 | 21.8 | 22.3 | 20.6 | 21.4 | 21.1 | 21.8 | 22.2 |
| 8H | 21.0 | 21.7 | 21.5 | 22.1 | 22.5 | 20.9 | 21.6 | 21.4 | 22.0 | 22.5 |
| 12H | 21.2 | 21.8 | 21.7 | 22.2 | 22.7 | 21.1 | 21.7 | 21.6 | 22.2 | 22.6 |
| 12H 4H | 19.9 | 20.8 | 20.4 | 21.1 | 21.5 | 19.9 | 20.7 | 20.3 | 21.1 | 21.5 |
| 6H | 20.7 | 21.4 | 21.2 | 21.8 | 22.3 | 20.7 | 21.4 | 21.2 | 21.8 | 22.2 |
| 8H | 21.1 | 21.7 | 21.6 | 22.1 | 22.6 | 21.0 | 21.6 | 21.5 | 22.1 | 22.5 |
| 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 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 1004 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.0)
Area: 0.111111 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |

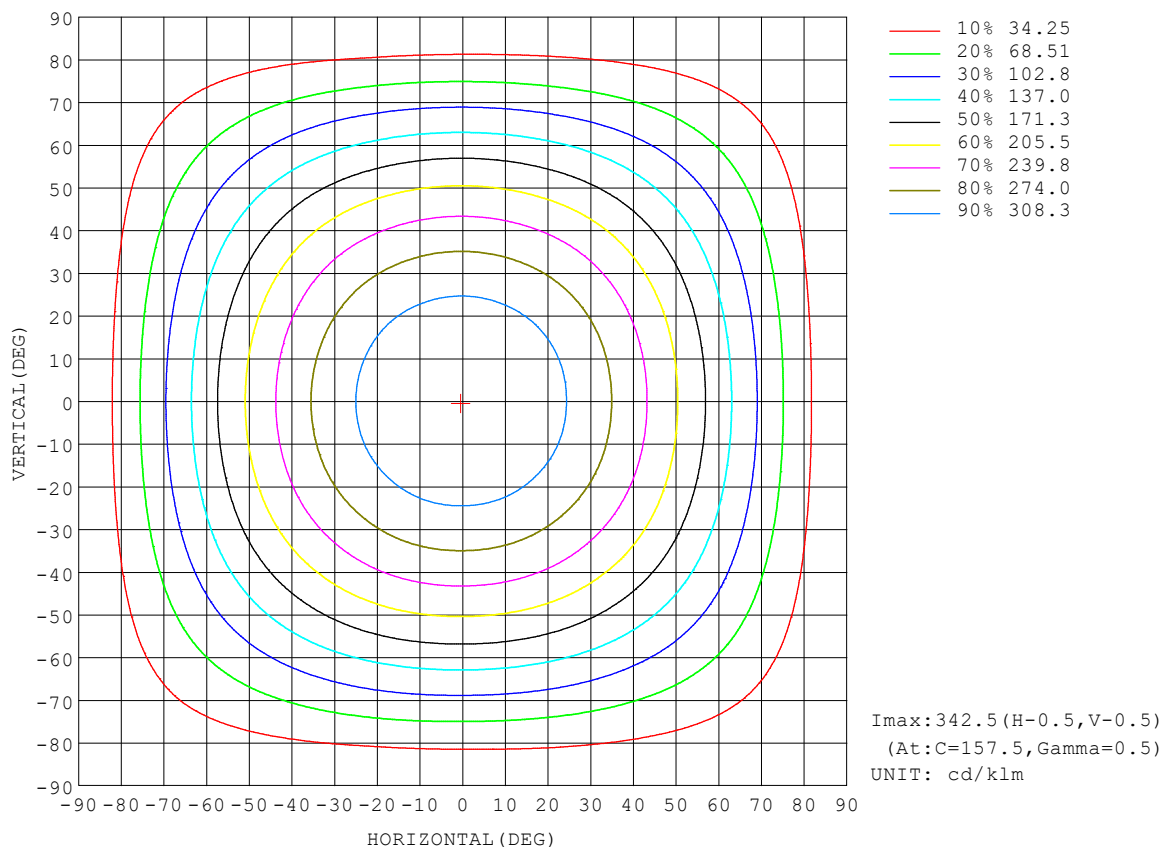
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 55 | 48 | 66 | 55 | 48 | 64 | 54 | 47 | 40 |
| 1.00 | 76 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 83 | 72 | 65 | 81 | 71 | 64 | 79 | 70 | 64 | 56 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 70 | 83 | 75 | 69 | 61 |
| 2.00 | 95 | 86 | 79 | 93 | 85 | 79 | 89 | 83 | 77 | 69 |
| 2.50 | 99 | 91 | 85 | 97 | 89 | 84 | 93 | 87 | 82 | 73 |
| 3.00 | 102 | 95 | 89 | 100 | 93 | 88 | 96 | 91 | 86 | 78 |
| 4.00 | 106 | 100 | 96 | 104 | 98 | 94 | 99 | 95 | 91 | 83 |
| 5.00 | 108 | 104 | 99 | 106 | 102 | 98 | 101 | 98 | 95 | 86 |
| 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:
 Test Date: 2024-03-14

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |

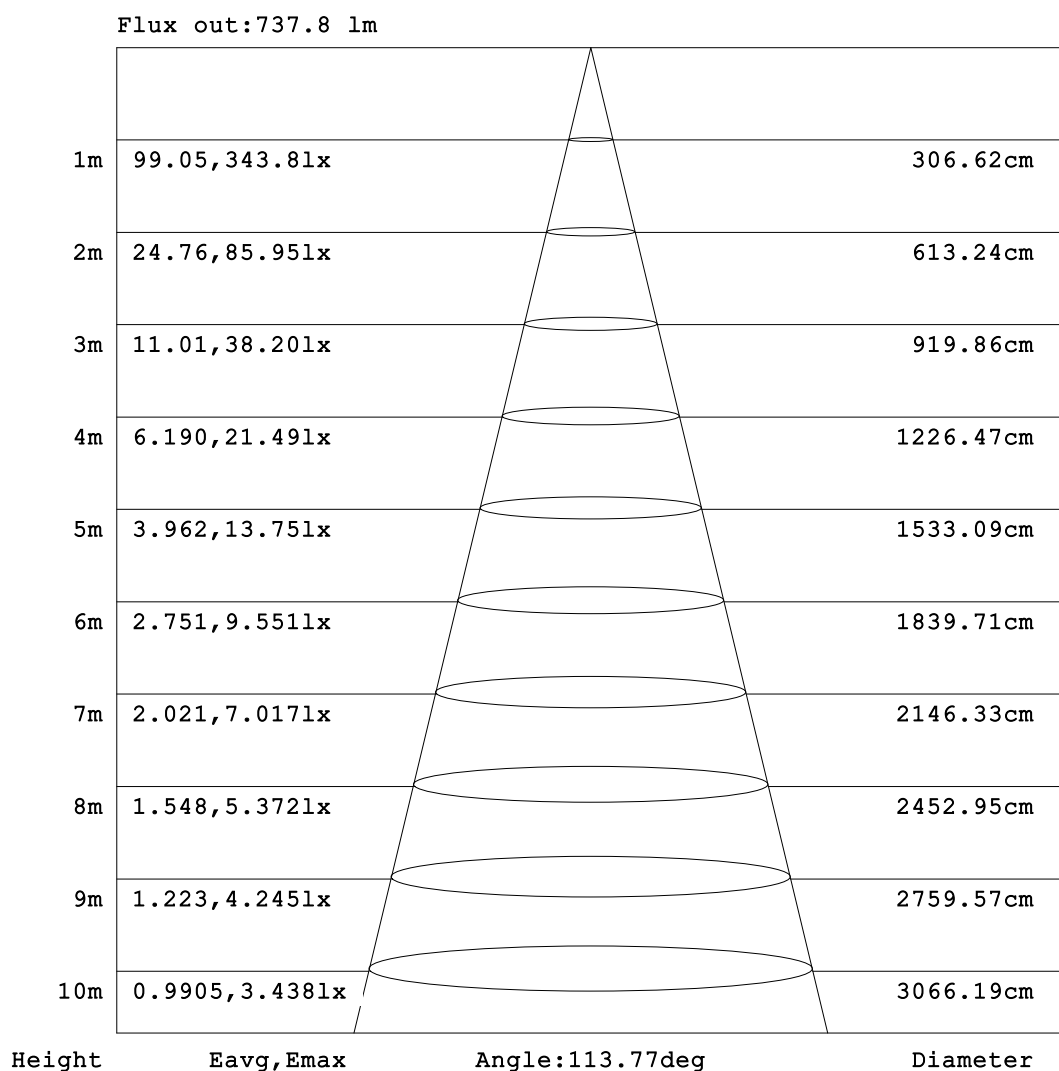


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |



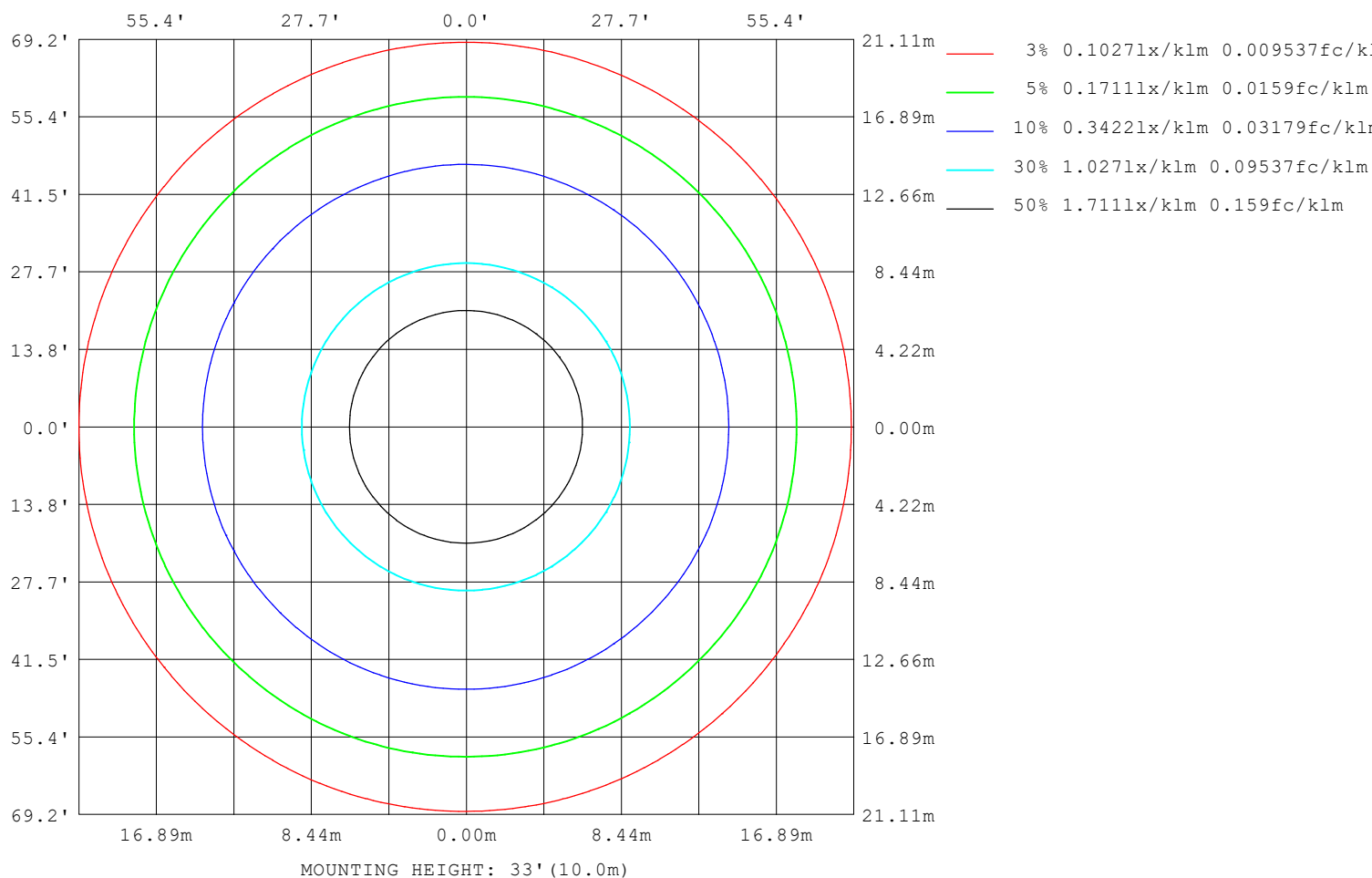
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
Operators:
Test Date: 2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------|------------------|
| Test:U:120.73V I:0.1322A P:15.175W PF:0.9505 Freq:59.98Hz Lamp Flux:1003.61x1 lm | | |
| NAME: LB76312 | TYPE: | WEIGHT: |
| SPEC.: 4000K | DIM.: | SERIAL No.: |
| MFR.: LB | SUR.: | Shielding Angle: |

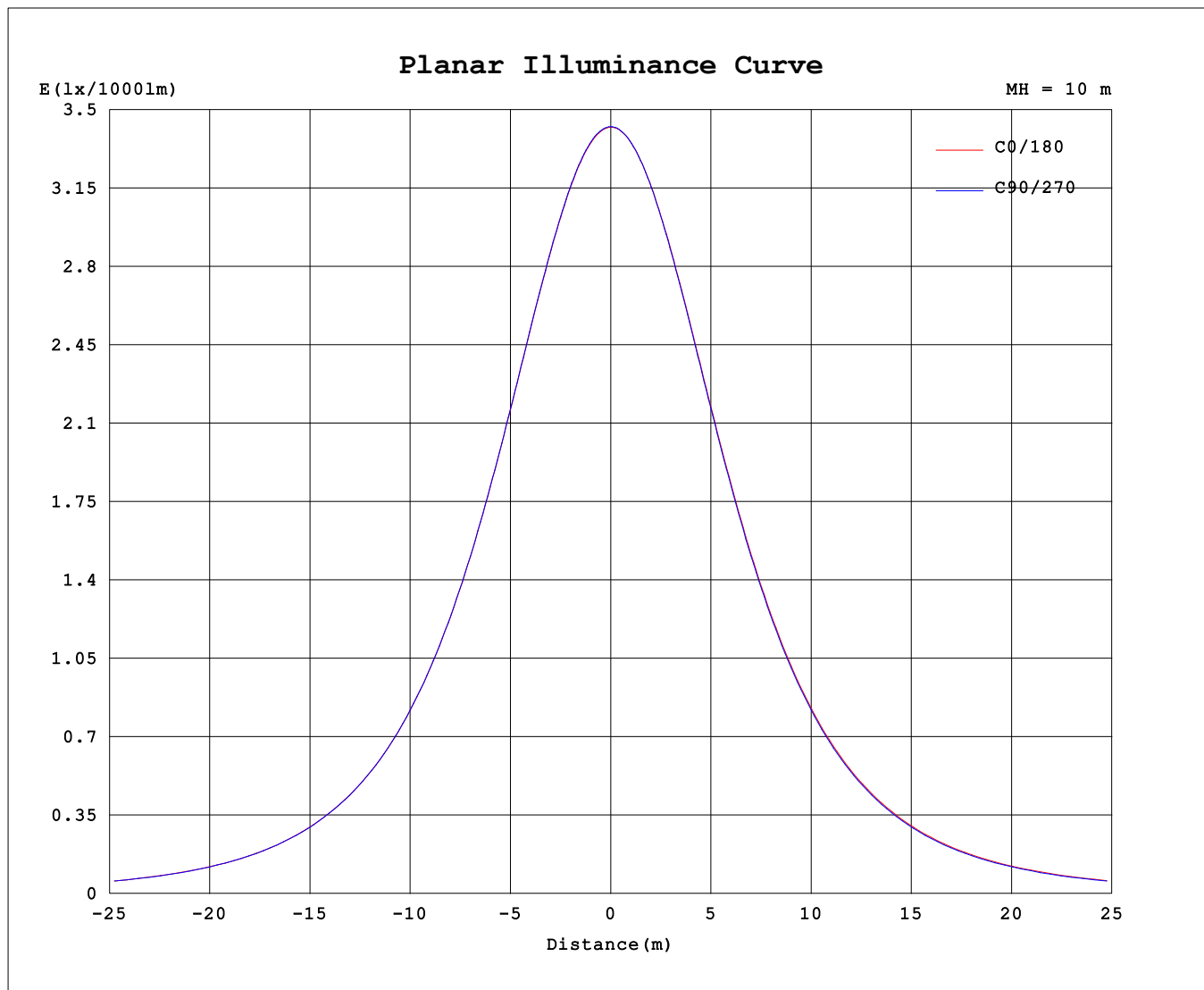
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 2719 |
| L_0~180 (75) av | 2461 |
| L_0~180 (85) av | 2026 |
| L_90~270 (65) av | 2673 |
| L_90~270 (75) av | 2377 |
| L_90~270 (85) av | 1732 |
| L_45 (65) av | 2694 |
| L_45 (75) av | 2419 |
| L_45 (85) av | 1900 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity:65.0%
Test Distance:10.000m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators:
Test Date: 2024-03-14

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.479
Humidity: 65.0%
Test Distance: 10.000m [K=1.0000]
Remarks:

C:\IES原始文件\LB76312 ADS7R-Tunable-5CCTWH-4000K-2024-3-14.GOS