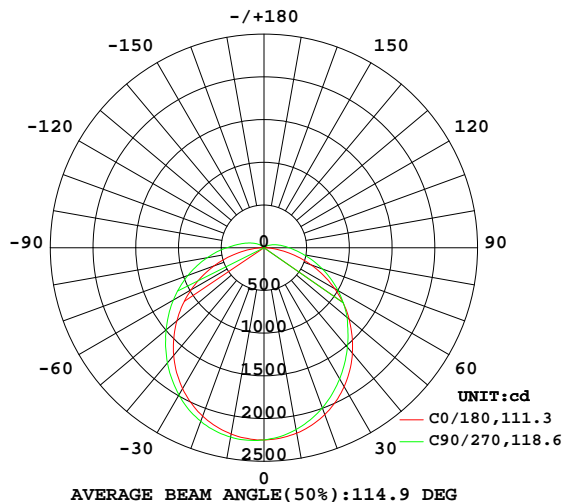


LUMINAIRE PHOTOMETRIC TEST REPORT

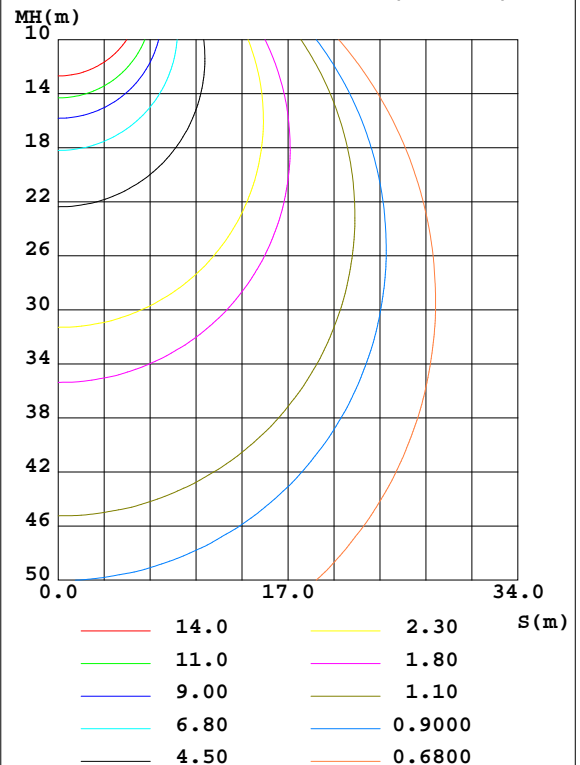
| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 138.01 lm/W | | | |
|------------------|---------------------|-----------------------------------|--------|------------------------|----------|
| MODEL | DG3221102-51158E-EE | Imax(cd) | 2261 | S/MH(C0/180) | 1.24 |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 1.18 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 7298.0 | η UP,DN(C0-180) | 3.1,50.5 |
| NOMINAL FLUX(lm) | 7298 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 2.0,44.4 |
| LAMPS INSIDE | 1 | η up(%) | 5.1 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 120 | η down(%) | 94.9 | CIBSE SHR MAX | 1.35 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.532m [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 | 2214 | 2245 | 2251 | 2237 | 2203 | 2175 | 2161 | 2177 | 0- 10 | 212.8 | 212.8 | 2.92,2.92 |
| 20 | 2098 | 2152 | 2162 | 2139 | 2079 | 2022 | 1995 | 2025 | 10- 20 | 608.3 | 821.1 | 11.3,11.3 |
| 30 | 1906 | 1979 | 1989 | 1961 | 1877 | 1802 | 1772 | 1805 | 20- 30 | 918.7 | 1740 | 23.8,23.8 |
| 40 | 1644 | 1737 | 1758 | 1716 | 1610 | 1534 | 1519 | 1541 | 30- 40 | 1104 | 2844 | 39,39 |
| 50 | 1332 | 1452 | 1496 | 1428 | 1302 | 1257 | 1271 | 1263 | 40- 50 | 1152 | 3996 | 54.8,54.8 |
| 60 | 984.9 | 1146 | 1225 | 1124 | 954.9 | 956.5 | 1000 | 964.5 | 50- 60 | 1072 | 5069 | 69.5,69.5 |
| 70 | 621.9 | 840.8 | 948.3 | 822.0 | 587.3 | 659.5 | 727.6 | 666.7 | 60- 70 | 880.5 | 5949 | 81.5,81.5 |
| 80 | 265.4 | 553.1 | 675.1 | 539.2 | 234.6 | 388.1 | 476.9 | 395.3 | 70- 80 | 618.8 | 6568 | 90,90 |
| 90 | 37.77 | 306.8 | 437.9 | 299.2 | 32.88 | 204.3 | 295.9 | 210.3 | 80- 90 | 355.7 | 6924 | 94.9,94.9 |
| 100 | 19.90 | 167.2 | 272.1 | 165.0 | 17.82 | 107.2 | 182.9 | 111.4 | 90-100 | 190.3 | 7114 | 97.5,97.5 |
| 110 | 5.599 | 86.04 | 165.2 | 85.50 | 4.907 | 48.13 | 104.4 | 50.55 | 100-110 | 101.1 | 7215 | 98.9,98.9 |
| 120 | 3.054 | 36.38 | 92.11 | 36.81 | 2.334 | 15.09 | 51.12 | 15.98 | 110-120 | 48.14 | 7263 | 99.5,99.5 |
| 130 | 2.633 | 11.04 | 42.12 | 11.28 | 1.836 | 7.284 | 17.53 | 7.673 | 120-130 | 19.35 | 7283 | 99.8,99.8 |
| 140 | 3.471 | 7.654 | 13.55 | 7.735 | 2.033 | 5.194 | 8.771 | 5.641 | 130-140 | 7.167 | 7290 | 99.9,99.9 |
| 150 | 4.603 | 7.016 | 9.346 | 7.013 | 2.438 | 3.921 | 5.910 | 4.612 | 140-150 | 3.840 | 7294 | 99.9,99.9 |
| 160 | 5.449 | 6.524 | 7.707 | 6.447 | 2.994 | 3.844 | 4.520 | 4.477 | 150-160 | 2.527 | 7296 | 100,100 |
| 170 | 5.380 | 5.662 | 5.927 | 5.233 | 3.486 | 4.007 | 4.629 | 4.832 | 160-170 | 1.446 | 7298 | 100,100 |
| 180 | 4.703 | 4.490 | 4.661 | 4.277 | 4.712 | 4.705 | 4.519 | 4.348 | 170-180 | 0.4592 | 7298 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 3422.5 lm

%lum = 46.9%

%lamp = 46.9%

Conical surface Flux(120deg): 5068.6 lm

%lum = 69.5%

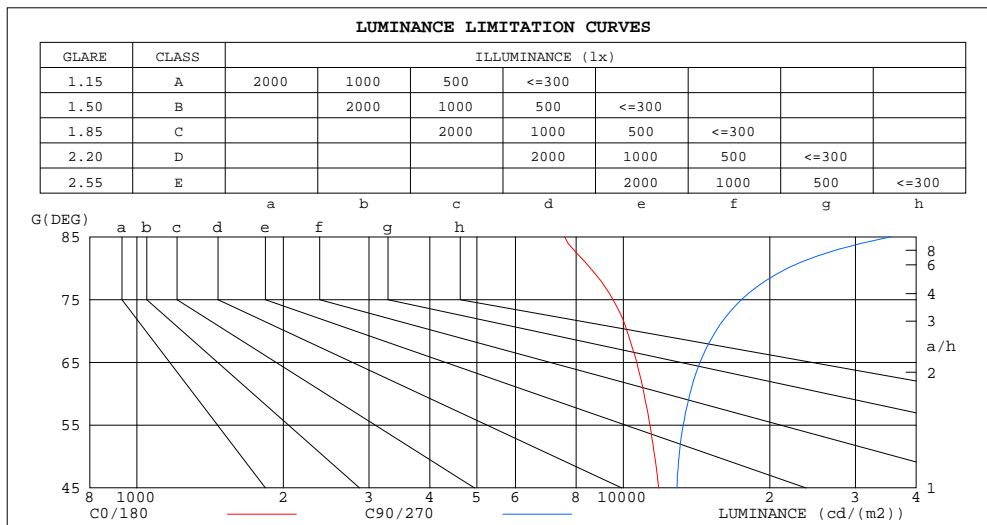
%lamp = 69.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.532m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 7579 | 35472 |
| 80 | 8557 | 21744 |
| 75 | 9523 | 17493 |
| 70 | 10180 | 15507 |
| 65 | 10655 | 14374 |
| 60 | 11029 | 13704 |
| 55 | 11344 | 13281 |
| 50 | 11601 | 13017 |
| 45 | 11820 | 12891 |

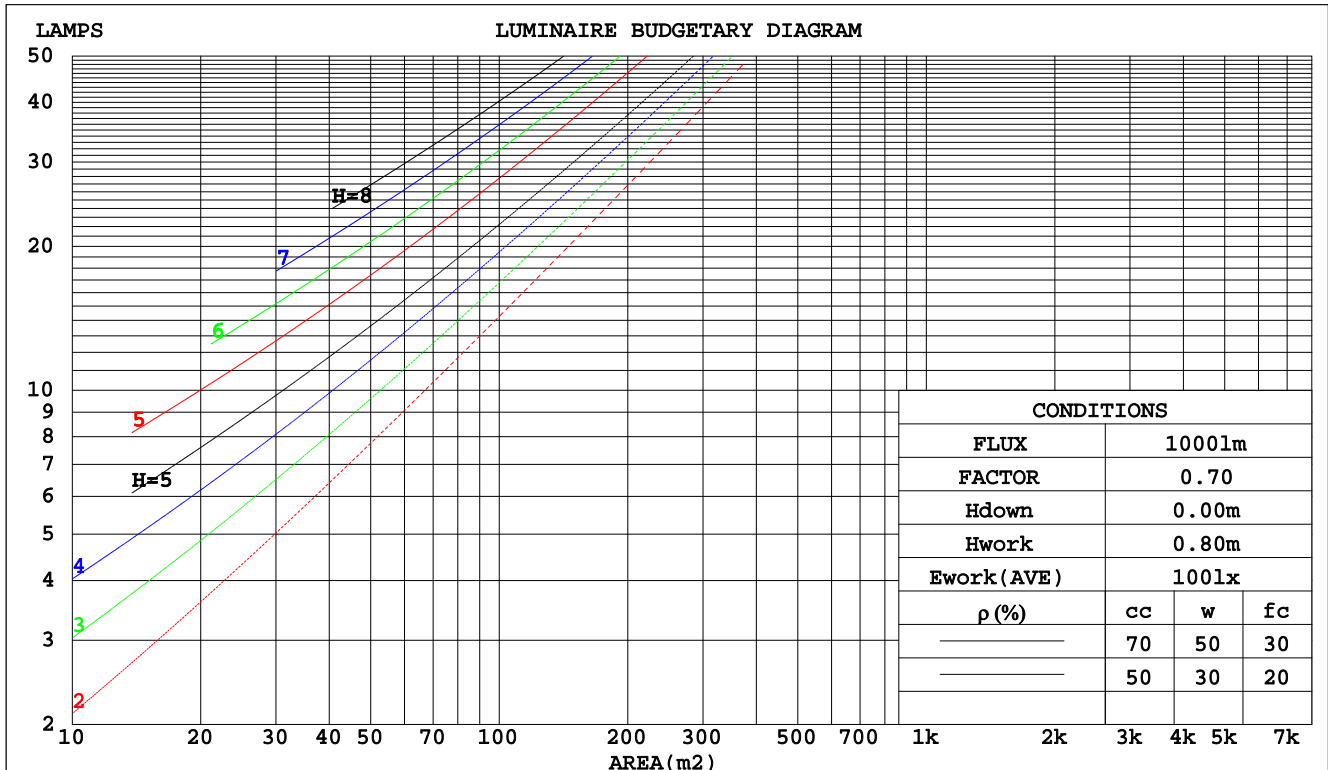
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

| 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 | 1.18 | 1.18 | 1.18 | 1.14 | 1.14 | 1.14 | 1.08 | 1.08 | 1.08 | 1.03 | 1.03 | 1.03 | .97 | .97 | .97 | .95 |
| 1.0 | 1.01 | .96 | .91 | .98 | .93 | .89 | .93 | .89 | .86 | .88 | .85 | .82 | .83 | .81 | .79 | .76 |
| 2.0 | .87 | .80 | .73 | .85 | .78 | .72 | .80 | .74 | .70 | .76 | .71 | .67 | .72 | .68 | .65 | .62 |
| 3.0 | .76 | .67 | .60 | .74 | .66 | .59 | .70 | .63 | .58 | .67 | .61 | .56 | .63 | .59 | .54 | .52 |
| 4.0 | .67 | .58 | .51 | .65 | .57 | .50 | .62 | .55 | .49 | .59 | .53 | .48 | .56 | .51 | .46 | .44 |
| 5.0 | .60 | .50 | .44 | .58 | .50 | .43 | .56 | .48 | .42 | .53 | .46 | .41 | .51 | .45 | .40 | .38 |
| 6.0 | .54 | .44 | .38 | .52 | .44 | .38 | .50 | .42 | .37 | .48 | .41 | .36 | .46 | .40 | .35 | .33 |
| 7.0 | .49 | .40 | .33 | .48 | .39 | .33 | .46 | .38 | .32 | .44 | .37 | .32 | .42 | .36 | .31 | .29 |
| 8.0 | .44 | .36 | .30 | .43 | .35 | .29 | .42 | .34 | .29 | .40 | .33 | .28 | .38 | .32 | .28 | .26 |
| 9.0 | .41 | .32 | .27 | .40 | .32 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .35 | .30 | .25 | .23 |
| 10.0 | .37 | .29 | .24 | .37 | .29 | .24 | .35 | .28 | .24 | .34 | .28 | .23 | .33 | .27 | .23 | .21 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

| 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 | .349 | .199 | .063 | .341 | .194 | .062 | .324 | .186 | .059 | .309 | .178 | .057 | .295 | .171 | .055 | | |
| 2.0 | .314 | .172 | .053 | .306 | .169 | .052 | .291 | .162 | .050 | .278 | .156 | .049 | .266 | .150 | .047 | | |
| 3.0 | .284 | .151 | .045 | .277 | .148 | .045 | .264 | .143 | .043 | .252 | .138 | .042 | .241 | .133 | .041 | | |
| 4.0 | .259 | .134 | .040 | .253 | .132 | .039 | .241 | .128 | .038 | .230 | .124 | .037 | .220 | .120 | .036 | | |
| 5.0 | .237 | .121 | .035 | .232 | .119 | .035 | .221 | .115 | .034 | .211 | .112 | .033 | .202 | .108 | .032 | | |
| 6.0 | .218 | .110 | .031 | .214 | .108 | .031 | .204 | .105 | .030 | .195 | .102 | .030 | .187 | .099 | .029 | | |
| 7.0 | .202 | .100 | .028 | .198 | .099 | .028 | .189 | .096 | .028 | .182 | .093 | .027 | .174 | .090 | .027 | | |
| 8.0 | .188 | .092 | .026 | .184 | .091 | .026 | .177 | .088 | .025 | .169 | .086 | .025 | .163 | .084 | .024 | | |
| 9.0 | .176 | .085 | .024 | .172 | .084 | .024 | .165 | .082 | .023 | .159 | .080 | .023 | .153 | .078 | .022 | | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .155 | .076 | .021 | .149 | .074 | .021 | .144 | .072 | .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 | .230 | .230 | .230 | .196 | .196 | .196 | .134 | .134 | .134 | .077 | .077 | .077 | .025 | .025 | .025 | |
| 1.0 | .222 | .195 | .171 | .190 | .168 | .147 | .130 | .115 | .102 | .075 | .067 | .059 | .024 | .021 | .019 | |
| 2.0 | .215 | .171 | .135 | .184 | .148 | .117 | .126 | .102 | .081 | .073 | .059 | .048 | .023 | .019 | .016 | |
| 3.0 | .207 | .154 | .112 | .178 | .133 | .097 | .122 | .092 | .068 | .070 | .054 | .040 | .023 | .018 | .013 | |
| 4.0 | .199 | .141 | .097 | .171 | .122 | .084 | .118 | .085 | .059 | .068 | .050 | .035 | .022 | .016 | .012 | |
| 5.0 | .192 | .131 | .086 | .165 | .113 | .075 | .113 | .079 | .053 | .066 | .047 | .031 | .021 | .015 | .010 | |
| 6.0 | .184 | .123 | .079 | .158 | .106 | .069 | .109 | .074 | .049 | .063 | .044 | .029 | .020 | .014 | .010 | |
| 7.0 | .177 | .116 | .073 | .152 | .101 | .064 | .105 | .070 | .045 | .061 | .042 | .027 | .020 | .014 | .009 | |
| 8.0 | .171 | .110 | .069 | .147 | .096 | .060 | .102 | .067 | .043 | .059 | .040 | .025 | .019 | .013 | .008 | |
| 9.0 | .164 | .105 | .066 | .142 | .091 | .057 | .098 | .064 | .041 | .057 | .038 | .024 | .019 | .012 | .008 | |
| 10.0 | .159 | .101 | .063 | .137 | .088 | .055 | .095 | .062 | .039 | .055 | .037 | .023 | .018 | .012 | .008 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-----------|----------------|------|---------------------|------|------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | | | | | | | | | |
| NAME: Linear_Ambient | | | | | TYPE:N/A | | | WEIGHT:N/A | | |
| SPEC.:N/A | | | | | DIM.: N/A | | | SERIAL No.:N/A | | |
| MFR.: Best Lighting Products Inc. | | | | | SUR.:N/A | | | Shielding Angle:N/A | | |
| 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 | 21.1 | 22.6 | 21.5 | 22.9 | 23.2 | 21.9 | 23.4 | 22.3 | 23.7 | 24.0 |
| 3H | 22.7 | 24.1 | 23.1 | 24.4 | 24.7 | 24.1 | 25.5 | 24.4 | 25.8 | 26.1 |
| 4H | 23.3 | 24.7 | 23.7 | 25.0 | 25.4 | 25.2 | 26.5 | 25.6 | 26.9 | 27.2 |
| 6H | 23.8 | 25.1 | 24.2 | 25.4 | 25.8 | 26.4 | 27.6 | 26.8 | 28.0 | 28.4 |
| 8H | 24.0 | 25.2 | 24.4 | 25.5 | 25.9 | 27.0 | 28.2 | 27.4 | 28.6 | 29.0 |
| 12H | 24.1 | 25.2 | 24.5 | 25.6 | 26.0 | 27.7 | 28.8 | 28.1 | 29.2 | 29.7 |
| 4H 2H | 22.0 | 23.3 | 22.3 | 23.6 | 24.0 | 22.5 | 23.9 | 22.9 | 24.2 | 24.6 |
| 3H | 23.8 | 24.9 | 24.2 | 25.3 | 25.7 | 24.9 | 26.1 | 25.4 | 26.5 | 26.9 |
| 4H | 24.6 | 25.6 | 25.0 | 26.1 | 26.5 | 26.2 | 27.3 | 26.7 | 27.7 | 28.2 |
| 6H | 25.2 | 26.2 | 25.7 | 26.6 | 27.1 | 27.6 | 28.6 | 28.1 | 29.0 | 29.5 |
| 8H | 25.5 | 26.3 | 25.9 | 26.8 | 27.3 | 28.3 | 29.2 | 28.8 | 29.7 | 30.2 |
| 12H | 25.6 | 26.4 | 26.1 | 26.9 | 27.4 | 29.2 | 30.0 | 29.7 | 30.5 | 31.0 |
| 8H 4H | 25.2 | 26.1 | 25.7 | 26.6 | 27.1 | 26.6 | 27.5 | 27.1 | 27.9 | 28.4 |
| 6H | 26.1 | 26.9 | 26.7 | 27.4 | 27.9 | 28.2 | 29.0 | 28.8 | 29.5 | 30.0 |
| 8H | 26.5 | 27.2 | 27.1 | 27.7 | 28.3 | 29.2 | 29.8 | 29.7 | 30.4 | 30.9 |
| 12H | 26.8 | 27.4 | 27.4 | 28.0 | 28.5 | 30.2 | 30.8 | 30.8 | 31.4 | 31.9 |
| 12H 4H | 25.4 | 26.2 | 25.9 | 26.7 | 27.2 | 26.6 | 27.4 | 27.1 | 27.9 | 28.4 |
| 6H | 26.4 | 27.1 | 27.0 | 27.6 | 28.2 | 28.4 | 29.0 | 28.9 | 29.5 | 30.1 |
| 8H | 27.0 | 27.5 | 27.5 | 28.1 | 28.7 | 29.4 | 30.0 | 29.9 | 30.5 | 31.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.1 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117 Corrected 7298 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.9)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

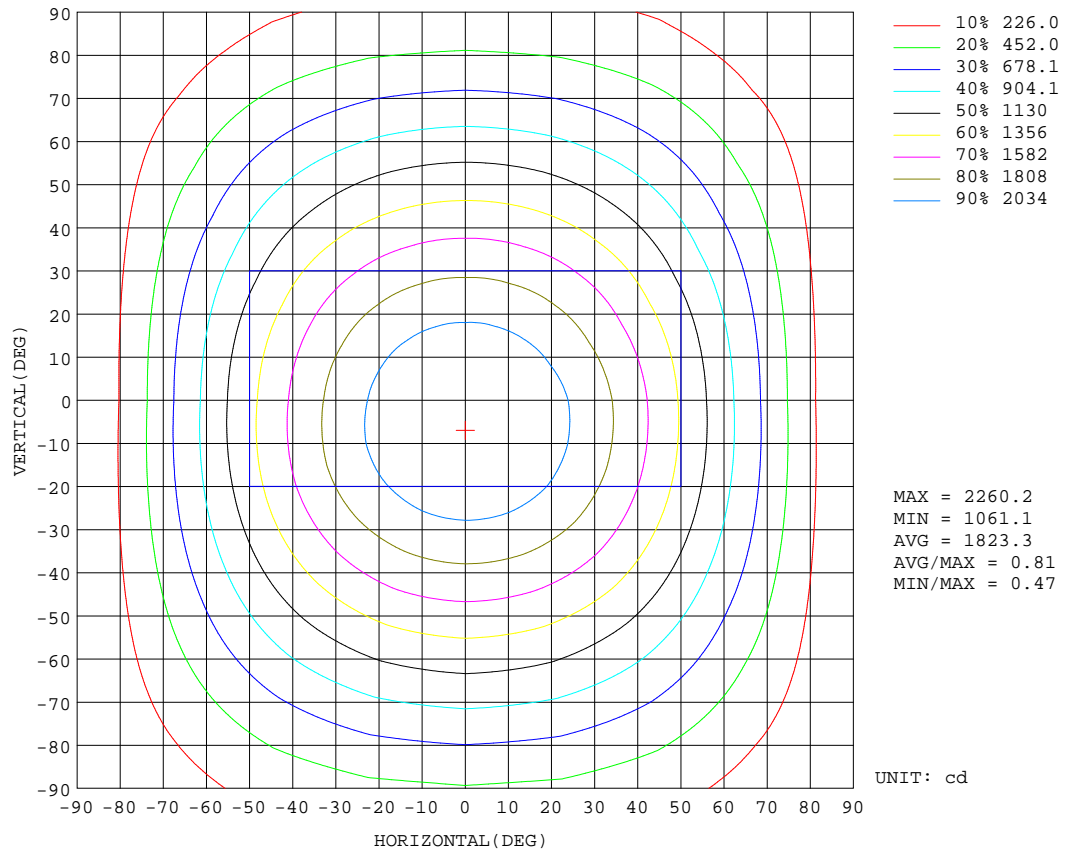
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 54 | 42 | 35 | 53 | 42 | 35 | 52 | 41 | 35 | 28 |
| 0.80 | 64 | 52 | 44 | 63 | 51 | 44 | 61 | 50 | 43 | 36 |
| 1.00 | 72 | 60 | 52 | 70 | 59 | 52 | 68 | 61 | 51 | 44 |
| 1.25 | 79 | 67 | 60 | 77 | 66 | 59 | 74 | 65 | 58 | 50 |
| 1.50 | 84 | 73 | 65 | 82 | 72 | 65 | 78 | 70 | 63 | 55 |
| 2.00 | 91 | 81 | 74 | 89 | 80 | 73 | 85 | 77 | 71 | 62 |
| 2.50 | 95 | 86 | 79 | 92 | 84 | 78 | 88 | 81 | 76 | 66 |
| 3.00 | 98 | 90 | 84 | 96 | 89 | 83 | 91 | 85 | 80 | 70 |
| 4.00 | 103 | 96 | 90 | 100 | 94 | 89 | 95 | 90 | 86 | 75 |
| 5.00 | 105 | 100 | 95 | 102 | 97 | 93 | 97 | 93 | 89 | 78 |
| 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:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |



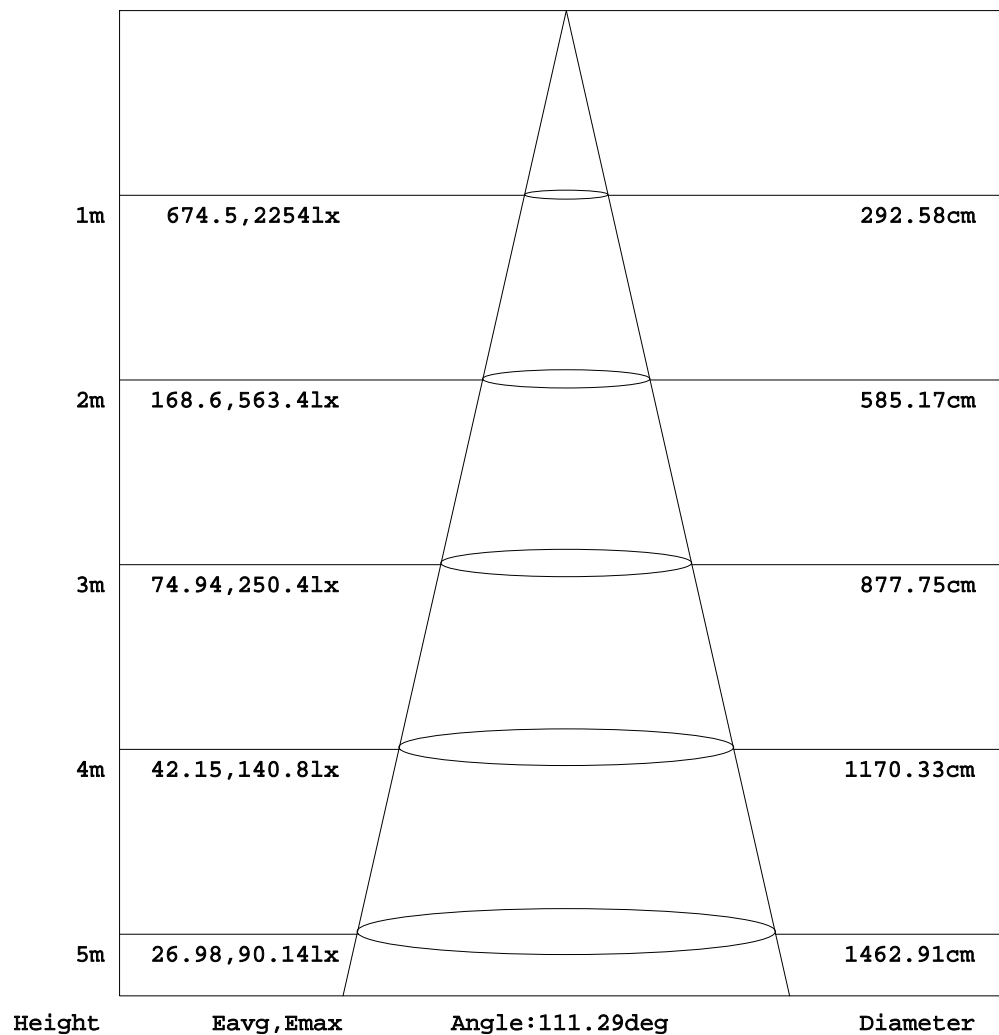
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.5DEG
 Operators:Carl
 Test Date:2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity:43%
 Test Distance:2.532m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

Flux out:4657 lm



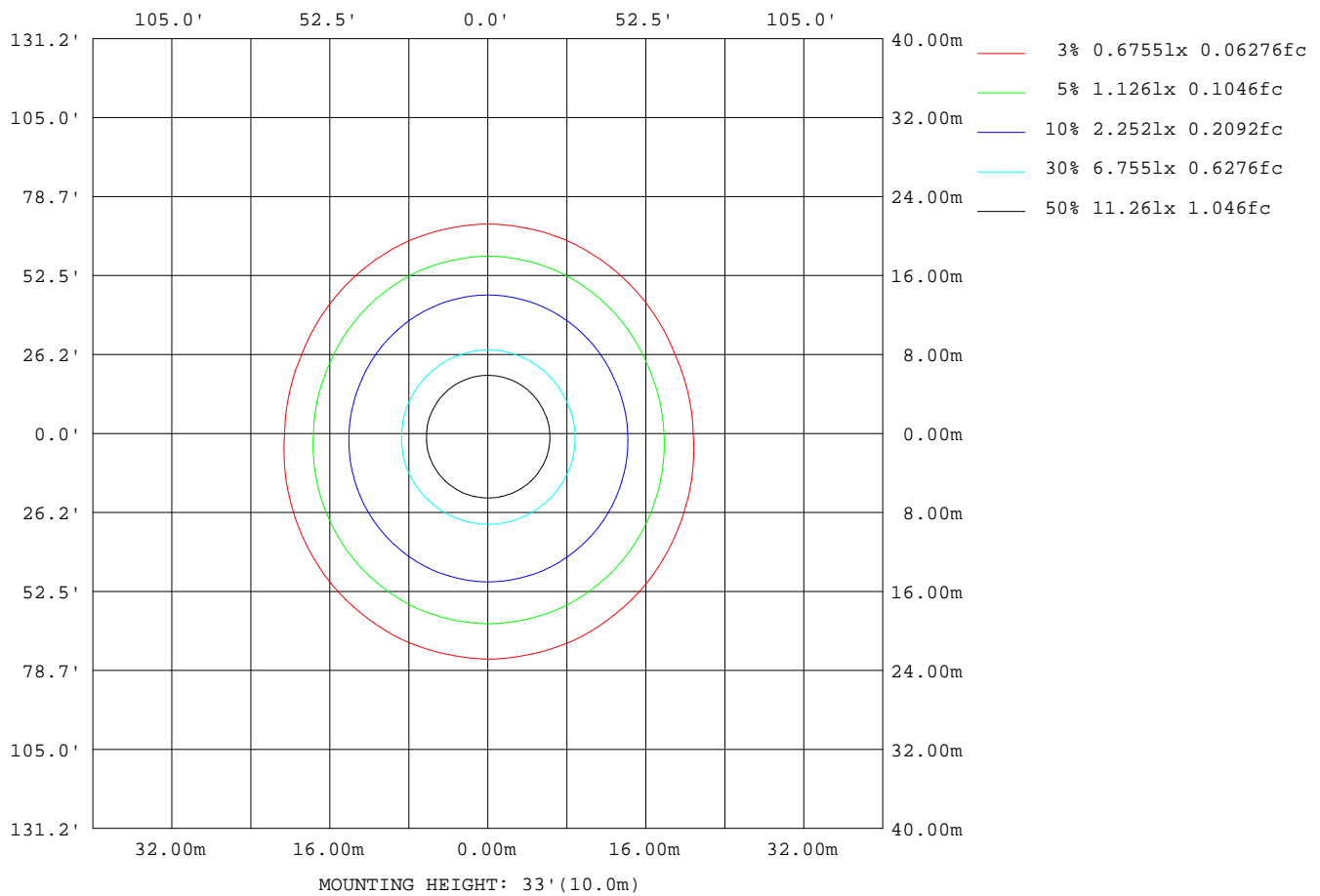
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.5DEG
 Operators: Carl
 Test Date: 2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
 Humidity: 43%
 Test Distance: 2.532m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|-----------|---------------------|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

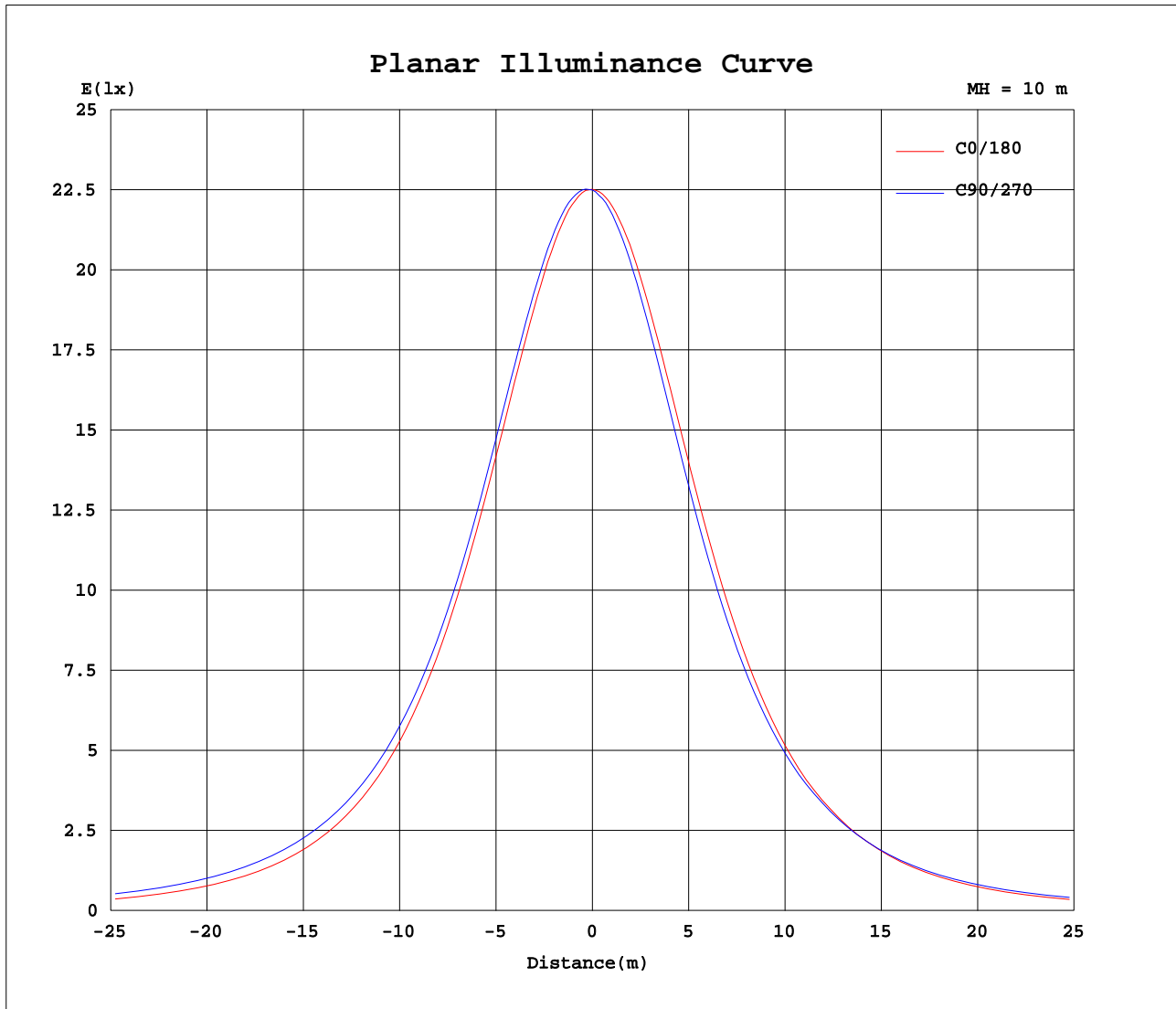
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 10430 |
| L_0~180(75)av | 9139 |
| L_0~180(85)av | 6852 |
| L_90~270(65)av | 12903 |
| L_90~270(75)av | 15207 |
| L_90~270(85)av | 29757 |
| L_45(65)av | 11864 |
| L_45(75)av | 13026 |
| L_45(85)av | 22385 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity:43%
Test Distance:2.532m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.5DEG
Operators: Carl
Test Date: 2022-11-04

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.351
Humidity: 43%
Test Distance: 2.532m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|---------------------|--|--|
| Test:U:120.0V I:0.4424A P:52.88W PF:0.9962 Lamp Flux:7298x1 lm | | | | | | | | | | | | | | | | | |
| NAME: Linear_Ambient | | | | | | | | | TYPE:N/A | | | | | | WEIGHT:N/A | | |
| SPEC.:N/A | | | | | | | | | DIM.: N/A | | | | | | SERIAL No.:N/A | | |
| MFR.: Best Lighting Products Inc. | | | | | | | | | SUR.:N/A | | | | | | Shielding Angle:N/A | | |

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 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | 2250 | | | |
| 5 | 2241 | 2251 | 2258 | 2261 | 2260 | 2259 | 2255 | 2249 | 2237 | 2230 | 2224 | 2219 | 2216 | 2218 | 2223 | 2232 | | | |
| 10 | 2214 | 2232 | 2245 | 2250 | 2251 | 2247 | 2237 | 2224 | 2203 | 2188 | 2175 | 2164 | 2161 | 2167 | 2177 | 2193 | | | |
| 15 | 2164 | 2190 | 2209 | 2217 | 2218 | 2213 | 2199 | 2180 | 2151 | 2129 | 2107 | 2092 | 2086 | 2095 | 2111 | 2134 | | | |
| 20 | 2098 | 2128 | 2152 | 2162 | 2162 | 2155 | 2139 | 2117 | 2079 | 2049 | 2022 | 2002 | 1995 | 2004 | 2025 | 2056 | | | |
| 25 | 2009 | 2048 | 2076 | 2085 | 2088 | 2079 | 2060 | 2035 | 1986 | 1952 | 1917 | 1896 | 1888 | 1898 | 1922 | 1959 | | | |
| 30 | 1906 | 1949 | 1979 | 1990 | 1989 | 1981 | 1961 | 1931 | 1877 | 1837 | 1802 | 1779 | 1772 | 1781 | 1805 | 1846 | | | |
| 35 | 1783 | 1831 | 1866 | 1879 | 1879 | 1868 | 1846 | 1811 | 1750 | 1707 | 1671 | 1652 | 1646 | 1655 | 1677 | 1716 | | | |
| 40 | 1644 | 1699 | 1737 | 1757 | 1758 | 1743 | 1716 | 1677 | 1610 | 1566 | 1534 | 1522 | 1519 | 1523 | 1541 | 1575 | | | |
| 45 | 1493 | 1553 | 1599 | 1623 | 1630 | 1611 | 1576 | 1529 | 1458 | 1414 | 1392 | 1388 | 1390 | 1391 | 1397 | 1425 | | | |
| 50 | 1332 | 1397 | 1452 | 1487 | 1496 | 1474 | 1428 | 1371 | 1302 | 1266 | 1257 | 1265 | 1271 | 1267 | 1263 | 1279 | | | |
| 55 | 1162 | 1231 | 1299 | 1348 | 1362 | 1336 | 1277 | 1206 | 1134 | 1101 | 1107 | 1128 | 1135 | 1130 | 1114 | 1114 | | | |
| 60 | 985 | 1062 | 1146 | 1206 | 1225 | 1195 | 1124 | 1037 | 955 | 931 | 956 | 988 | 1000 | 991 | 964 | 945 | | | |
| 65 | 804 | 891 | 992 | 1065 | 1086 | 1054 | 972 | 867 | 772 | 762 | 806 | 848 | 863 | 851 | 814 | 776 | | | |
| 70 | 622 | 719 | 841 | 923 | 948 | 913 | 822 | 698 | 587 | 595 | 659 | 711 | 728 | 713 | 667 | 609 | | | |
| 75 | 440 | 555 | 692 | 782 | 809 | 773 | 675 | 538 | 405 | 435 | 518 | 578 | 598 | 580 | 526 | 449 | | | |
| 80 | 265 | 396 | 553 | 647 | 675 | 643 | 539 | 383 | 235 | 287 | 388 | 456 | 477 | 458 | 395 | 301 | | | |
| 85 | 118 | 255 | 420 | 523 | 553 | 516 | 409 | 247 | 95.5 | 168 | 280 | 352 | 374 | 354 | 286 | 180 | | | |
| 90 | 37.8 | 149 | 307 | 408 | 438 | 402 | 299 | 145 | 32.9 | 97.1 | 204 | 274 | 296 | 276 | 210 | 106 | | | |
| 95 | 27.2 | 92.1 | 224 | 316 | 344 | 312 | 221 | 91.8 | 24.5 | 60.0 | 151 | 214 | 234 | 216 | 156 | 66.6 | | | |
| 100 | 19.9 | 58.6 | 167 | 247 | 272 | 244 | 165 | 58.6 | 17.8 | 35.4 | 107 | 164 | 183 | 166 | 111 | 39.7 | | | |
| 105 | 8.01 | 35.3 | 122 | 191 | 214 | 190 | 121 | 35.4 | 6.96 | 19.0 | 74.1 | 122 | 140 | 124 | 77.3 | 21.5 | | | |
| 110 | 5.60 | 19.7 | 86.0 | 145 | 165 | 144 | 85.5 | 19.7 | 4.91 | 10.9 | 48.1 | 89.3 | 104 | 90.6 | 50.6 | 12.2 | | | |
| 115 | 4.06 | 11.0 | 58.2 | 108 | 125 | 107 | 58.2 | 10.5 | 3.34 | 7.76 | 28.7 | 62.0 | 75.3 | 63.1 | 30.3 | 8.11 | | | |
| 120 | 3.05 | 7.78 | 36.4 | 76.9 | 92.1 | 76.8 | 36.8 | 7.35 | 2.33 | 5.59 | 15.1 | 40.2 | 51.1 | 41.1 | 16.0 | 5.84 | | | |
| 125 | 2.54 | 5.80 | 20.7 | 51.5 | 64.4 | 51.7 | 21.2 | 5.56 | 1.84 | 4.16 | 9.00 | 23.3 | 31.7 | 23.8 | 9.37 | 4.42 | | | |
| 130 | 2.63 | 4.79 | 11.0 | 32.2 | 42.1 | 32.5 | 11.3 | 4.76 | 1.84 | 3.64 | 7.28 | 13.0 | 17.5 | 13.3 | 7.67 | 3.91 | | | |
| 135 | 2.94 | 4.56 | 8.31 | 18.0 | 24.9 | 18.2 | 8.42 | 4.61 | 1.93 | 3.40 | 6.17 | 9.23 | 10.8 | 9.51 | 6.55 | 3.64 | | | |
| 140 | 3.47 | 4.66 | 7.65 | 10.8 | 13.6 | 11.0 | 7.74 | 4.69 | 2.03 | 3.23 | 5.19 | 7.62 | 8.77 | 7.95 | 5.64 | 3.53 | | | |
| 145 | 4.09 | 4.93 | 7.30 | 9.53 | 10.4 | 9.56 | 7.34 | 4.94 | 2.25 | 3.34 | 4.43 | 6.24 | 7.21 | 6.70 | 5.04 | 3.63 | | | |
| 150 | 4.60 | 5.19 | 7.02 | 8.70 | 9.35 | 8.69 | 7.01 | 5.09 | 2.44 | 3.45 | 3.92 | 5.10 | 5.91 | 5.69 | 4.61 | 3.77 | | | |
| 155 | 5.09 | 5.48 | 6.78 | 8.03 | 8.50 | 8.01 | 6.76 | 5.29 | 2.70 | 3.56 | 3.71 | 4.45 | 5.03 | 5.02 | 4.46 | 4.08 | | | |
| 160 | 5.45 | 5.67 | 6.52 | 7.40 | 7.71 | 7.37 | 6.45 | 5.38 | 2.99 | 3.38 | 3.84 | 4.28 | 4.52 | 4.59 | 4.48 | 4.38 | | | |
| 165 | 5.50 | 5.63 | 6.10 | 6.60 | 6.80 | 6.52 | 5.63 | 5.24 | 3.21 | 3.38 | 3.95 | 4.10 | 4.51 | 4.58 | 4.61 | 4.58 | | | |
| 170 | 5.38 | 5.42 | 5.66 | 5.87 | 5.93 | 5.63 | 5.23 | 5.04 | 3.49 | 3.53 | 4.01 | 4.20 | 4.63 | 4.73 | 4.83 | 4.79 | | | |
| 175 | 5.09 | 5.02 | 5.18 | 5.32 | 5.23 | 4.86 | 4.86 | 4.79 | 4.07 | 4.07 | 4.32 | 4.52 | 4.43 | 4.88 | 5.05 | 4.83 | | | |
| 180 | 4.70 | 4.68 | 4.49 | 4.46 | 4.66 | 4.08 | 4.28 | 4.48 | 4.71 | 4.70 | 4.71 | 4.67 | 4.52 | 4.19 | 4.35 | 4.46 | | | |

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C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

γ Range: 0 - 180DEG
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