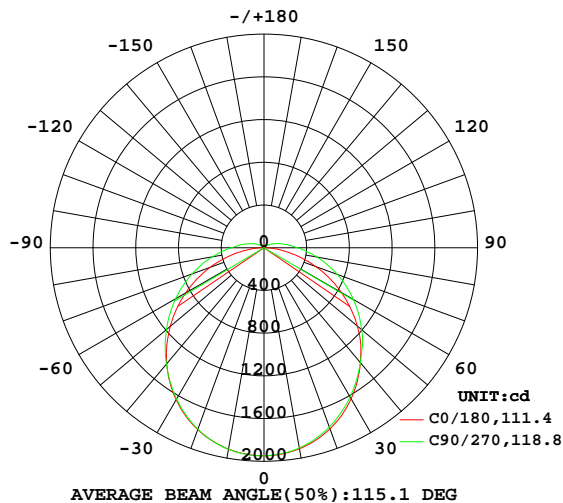


LUMINAIRE PHOTOMETRIC TEST REPORT

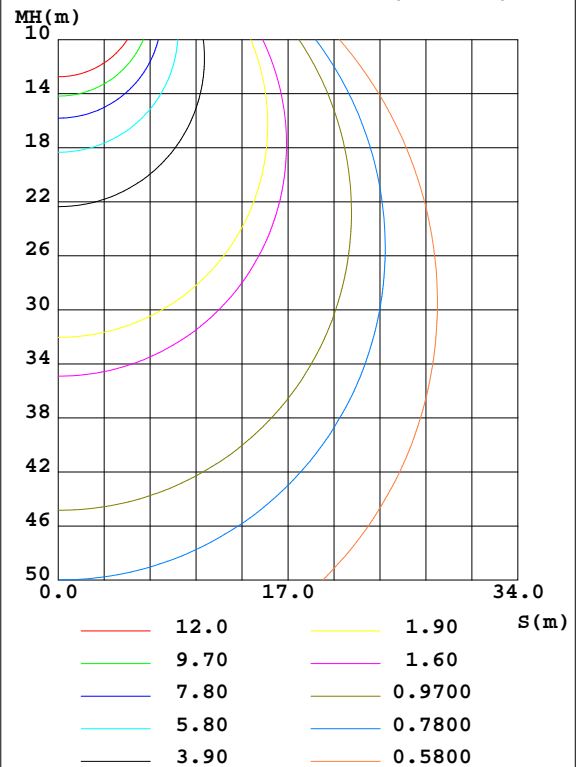
| | | |
|---|-----------|---------------------|
| Test:U:120.0V I:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 lm | | |
| NAME: Linear_Ambient | TYPE:N/A | WEIGHT:N/A |
| SPEC.:N/A | DIM.: N/A | SERIAL No.:N/A |
| MFR.: Best Lighting Products Inc. | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 142.91 lm/W | | | |
|------------------|---------------------|-----------------------------------|--------|-------------------|----------|
| MODEL | DG3221102-51158E-EE | I _{max} (cd) | 1949 | S/MH(C0/180) | 1.25 |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 6308.1 | η UP,DN(C0-180) | 2.5,47.6 |
| NOMINAL FLUX(lm) | 6308.12 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 2.5,47.4 |
| 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 | 1915 | 1916 | 1917 | 1916 | 1911 | 1906 | 1903 | 1906 | 0- 10 | 184.2 | 184.2 | 2.92,2.92 |
| 20 | 1813 | 1812 | 1809 | 1812 | 1805 | 1793 | 1788 | 1794 | 10- 20 | 526.5 | 710.6 | 11.3,11.3 |
| 30 | 1644 | 1642 | 1637 | 1641 | 1633 | 1619 | 1613 | 1621 | 20- 30 | 794.6 | 1505 | 23.9,23.9 |
| 40 | 1417 | 1421 | 1423 | 1420 | 1404 | 1398 | 1404 | 1402 | 30- 40 | 954.6 | 2460 | 39,39 |
| 50 | 1147 | 1168 | 1192 | 1167 | 1140 | 1161 | 1194 | 1166 | 40- 50 | 997.5 | 3457 | 54.8,54.8 |
| 60 | 846.7 | 904.3 | 955.2 | 903.6 | 836.4 | 902.8 | 965.4 | 910.3 | 50- 60 | 926.9 | 4384 | 69.5,69.5 |
| 70 | 537.4 | 642.4 | 716.2 | 639.7 | 518.1 | 645.1 | 730.2 | 655.4 | 60- 70 | 762.0 | 5146 | 81.6,81.6 |
| 80 | 228.3 | 401.8 | 492.0 | 402.1 | 211.6 | 402.9 | 502.9 | 413.9 | 70- 80 | 536.9 | 5683 | 90.1,90.1 |
| 90 | 30.70 | 213.3 | 307.0 | 216.2 | 32.08 | 215.3 | 315.1 | 223.9 | 80- 90 | 306.1 | 5989 | 94.9,94.9 |
| 100 | 16.05 | 116.0 | 192.1 | 118.5 | 16.88 | 116.9 | 197.0 | 122.0 | 90-100 | 162.8 | 6152 | 97.5,97.5 |
| 110 | 4.627 | 55.82 | 113.5 | 57.93 | 4.754 | 57.02 | 116.0 | 60.01 | 100-110 | 86.41 | 6239 | 98.9,98.9 |
| 120 | 2.462 | 20.15 | 59.56 | 21.48 | 2.498 | 21.09 | 61.55 | 22.84 | 110-120 | 40.84 | 6279 | 99.5,99.5 |
| 130 | 2.173 | 7.351 | 23.80 | 7.634 | 2.043 | 7.305 | 24.84 | 7.210 | 120-130 | 15.94 | 6295 | 99.8,99.8 |
| 140 | 2.968 | 5.960 | 9.378 | 6.188 | 2.297 | 5.095 | 8.558 | 5.300 | 130-140 | 5.691 | 6301 | 99.9,99.9 |
| 150 | 4.116 | 5.494 | 7.470 | 5.616 | 2.657 | 3.637 | 5.742 | 4.312 | 140-150 | 3.300 | 6304 | 99.9,99.9 |
| 160 | 4.820 | 5.281 | 6.107 | 5.254 | 3.123 | 3.224 | 4.057 | 3.833 | 150-160 | 2.154 | 6307 | 100,100 |
| 170 | 4.675 | 4.844 | 4.972 | 4.555 | 3.454 | 3.508 | 3.722 | 3.841 | 160-170 | 1.223 | 6308 | 100,100 |
| 180 | 4.350 | 4.241 | 4.229 | 4.213 | 4.329 | 4.293 | 4.030 | 4.064 | 170-180 | 0.4002 | 6308 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 2960.2 lm

%lum = 46.9%

%lamp = 46.9%

Conical surface Flux(120deg): 4384.3 lm

%lum = 69.5%

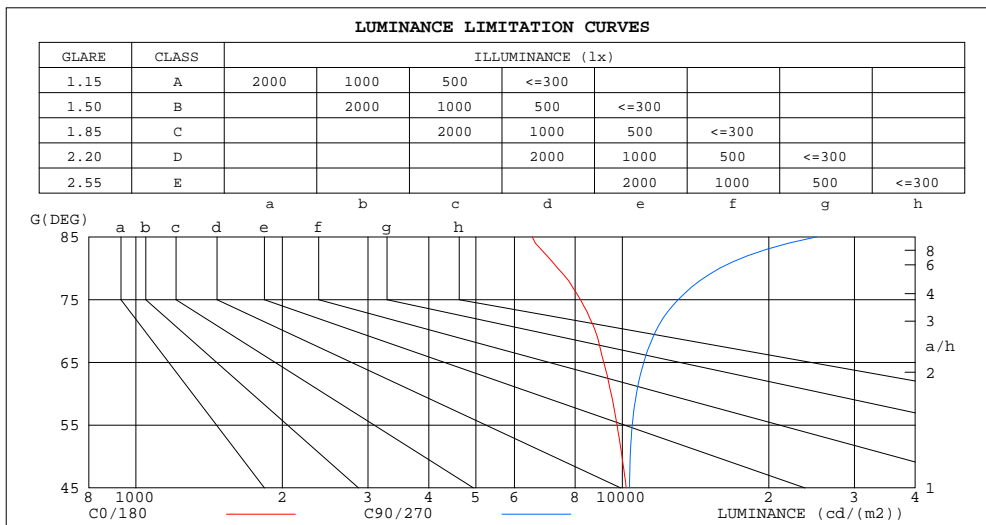
%lamp = 69.5%

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 | 6527 | 25096 |
| 80 | 7363 | 15852 |
| 75 | 8201 | 13031 |
| 70 | 8798 | 11716 |
| 65 | 9158 | 11072 |
| 60 | 9483 | 10689 |
| 55 | 9754 | 10485 |
| 50 | 9988 | 10379 |
| 45 | 10185 | 10349 |

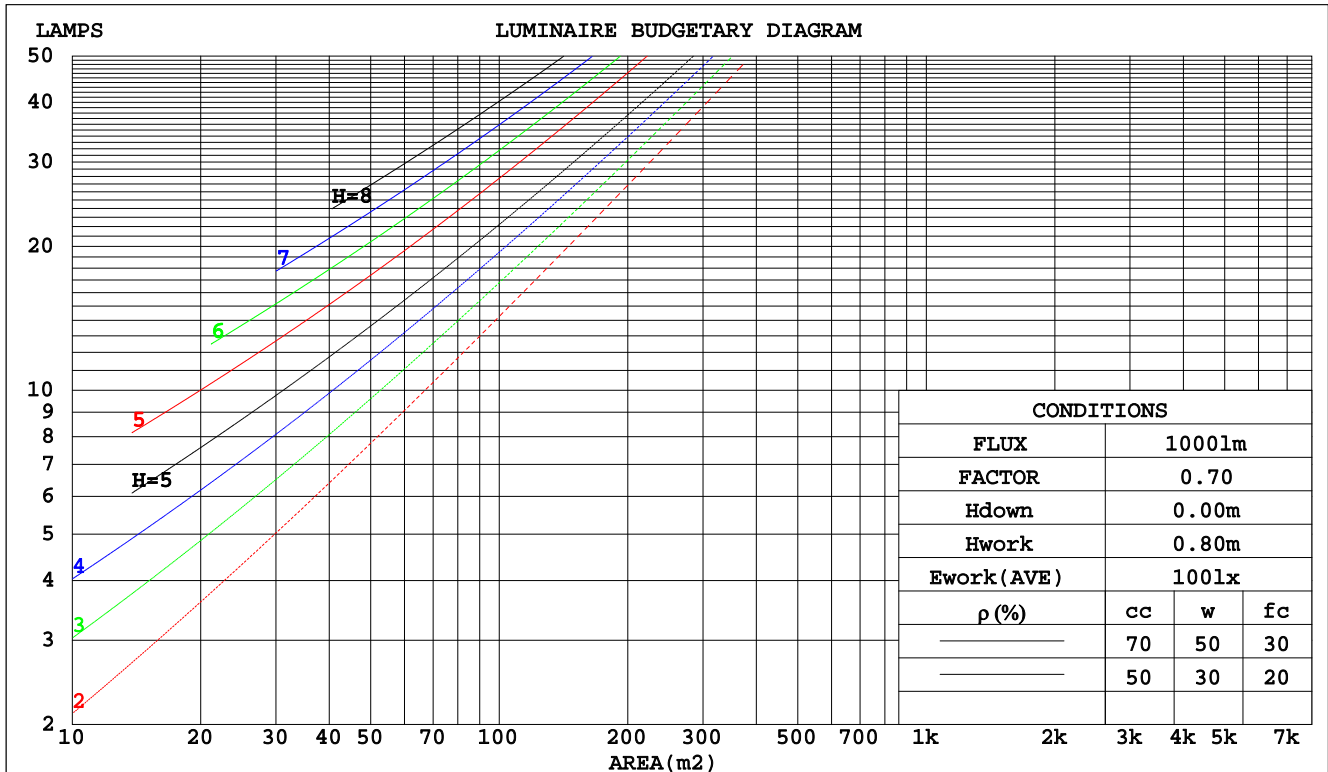
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 | 1.15 | 1.15 | 1.15 | 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 | .55 | .52 |
| 4.0 | .67 | .58 | .51 | .65 | .57 | .50 | .62 | .55 | .49 | .59 | .53 | .48 | .56 | .51 | .47 | .44 |
| 5.0 | .60 | .50 | .44 | .58 | .50 | .43 | .56 | .48 | .42 | .53 | .46 | .41 | .51 | .45 | .40 | .38 |
| 6.0 | .54 | .45 | .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 | .36 | .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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 | .340 | .194 | .062 | .324 | .186 | .059 | .309 | .178 | .057 | .295 | .171 | .055 | | |
| 2.0 | .314 | .172 | .053 | .306 | .169 | .052 | .292 | .162 | .050 | .278 | .156 | .049 | .266 | .150 | .047 | | |
| 3.0 | .284 | .151 | .045 | .277 | .148 | .045 | .264 | .143 | .044 | .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 | .219 | .110 | .031 | .214 | .108 | .031 | .204 | .105 | .030 | .195 | .102 | .030 | .187 | .099 | .029 | | |
| 7.0 | .202 | .100 | .028 | .198 | .099 | .028 | .190 | .096 | .028 | .182 | .093 | .027 | .174 | .090 | .027 | | |
| 8.0 | .188 | .092 | .026 | .184 | .091 | .026 | .177 | .088 | .025 | .170 | .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 | .156 | .076 | .021 | .150 | .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 | .229 | .229 | .229 | .196 | .196 | .196 | .134 | .134 | .134 | .077 | .077 | .077 | .025 | .025 | .025 | |
| 1.0 | .222 | .195 | .170 | .190 | .167 | .146 | .130 | .115 | .101 | .075 | .066 | .059 | .024 | .021 | .019 | |
| 2.0 | .214 | .171 | .134 | .184 | .147 | .116 | .126 | .102 | .081 | .073 | .059 | .048 | .023 | .019 | .015 | |
| 3.0 | .206 | .154 | .112 | .177 | .133 | .097 | .122 | .092 | .068 | .070 | .054 | .040 | .023 | .017 | .013 | |
| 4.0 | .199 | .141 | .096 | .170 | .122 | .084 | .117 | .085 | .059 | .068 | .050 | .035 | .022 | .016 | .011 | |
| 5.0 | .191 | .130 | .086 | .164 | .113 | .075 | .113 | .079 | .053 | .065 | .046 | .031 | .021 | .015 | .010 | |
| 6.0 | .184 | .122 | .078 | .158 | .106 | .068 | .109 | .074 | .048 | .063 | .044 | .029 | .020 | .014 | .009 | |
| 7.0 | .177 | .115 | .073 | .152 | .100 | .063 | .105 | .070 | .045 | .061 | .041 | .027 | .020 | .014 | .009 | |
| 8.0 | .170 | .110 | .068 | .146 | .095 | .060 | .101 | .067 | .042 | .059 | .039 | .025 | .019 | .013 | .008 | |
| 9.0 | .164 | .105 | .065 | .141 | .091 | .057 | .098 | .064 | .040 | .057 | .038 | .024 | .018 | .012 | .008 | |
| 10.0 | .158 | .100 | .062 | .136 | .087 | .054 | .094 | .061 | .039 | .055 | .036 | .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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 | 2H | 20.3 | 21.8 | 20.7 | 22.1 | 22.4 | 20.8 | 22.3 | 21.1 | 22.6 | 22.9 |
| | 3H | 21.9 | 23.3 | 22.3 | 23.6 | 23.9 | 22.8 | 24.2 | 23.2 | 24.5 | 24.9 |
| | 4H | 22.5 | 23.9 | 22.9 | 24.2 | 24.6 | 23.8 | 25.2 | 24.2 | 25.5 | 25.9 |
| | 6H | 23.0 | 24.3 | 23.4 | 24.6 | 25.0 | 24.9 | 26.2 | 25.3 | 26.5 | 26.9 |
| | 8H | 23.2 | 24.4 | 23.6 | 24.7 | 25.1 | 25.5 | 26.7 | 25.9 | 27.1 | 27.5 |
| | 12H | 23.3 | 24.4 | 23.7 | 24.8 | 25.2 | 26.1 | 27.3 | 26.6 | 27.7 | 28.1 |
| 4H | 2H | 21.0 | 22.4 | 21.4 | 22.7 | 23.1 | 21.4 | 22.7 | 21.8 | 23.1 | 23.4 |
| | 3H | 22.8 | 24.0 | 23.3 | 24.4 | 24.8 | 23.6 | 24.8 | 24.1 | 25.2 | 25.6 |
| | 4H | 23.6 | 24.7 | 24.1 | 25.1 | 25.6 | 24.9 | 25.9 | 25.3 | 26.3 | 26.8 |
| | 6H | 24.3 | 25.2 | 24.7 | 25.7 | 26.1 | 26.1 | 27.1 | 26.6 | 27.5 | 28.0 |
| | 8H | 24.5 | 25.4 | 25.0 | 25.8 | 26.3 | 26.8 | 27.7 | 27.3 | 28.2 | 28.7 |
| | 12H | 24.7 | 25.5 | 25.2 | 26.0 | 26.5 | 27.6 | 28.4 | 28.1 | 28.9 | 29.4 |
| 8H | 4H | 24.2 | 25.1 | 24.7 | 25.5 | 26.0 | 25.2 | 26.1 | 25.7 | 26.6 | 27.1 |
| | 6H | 25.0 | 25.8 | 25.6 | 26.3 | 26.8 | 26.7 | 27.5 | 27.3 | 28.0 | 28.5 |
| | 8H | 25.4 | 26.1 | 25.9 | 26.6 | 27.2 | 27.6 | 28.3 | 28.1 | 28.8 | 29.3 |
| | 12H | 25.7 | 26.3 | 26.3 | 26.8 | 27.4 | 28.6 | 29.2 | 29.1 | 29.7 | 30.3 |
| 12H | 4H | 24.3 | 25.1 | 24.8 | 25.6 | 26.1 | 25.2 | 26.1 | 25.7 | 26.5 | 27.1 |
| | 6H | 25.3 | 26.0 | 25.8 | 26.5 | 27.0 | 26.9 | 27.5 | 27.4 | 28.0 | 28.6 |
| | 8H | 25.8 | 26.3 | 26.3 | 26.9 | 27.5 | 27.8 | 28.4 | 28.4 | 28.9 | 29.5 |
| 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 | + 0.1 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117 Corrected 6308 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.4)

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 |

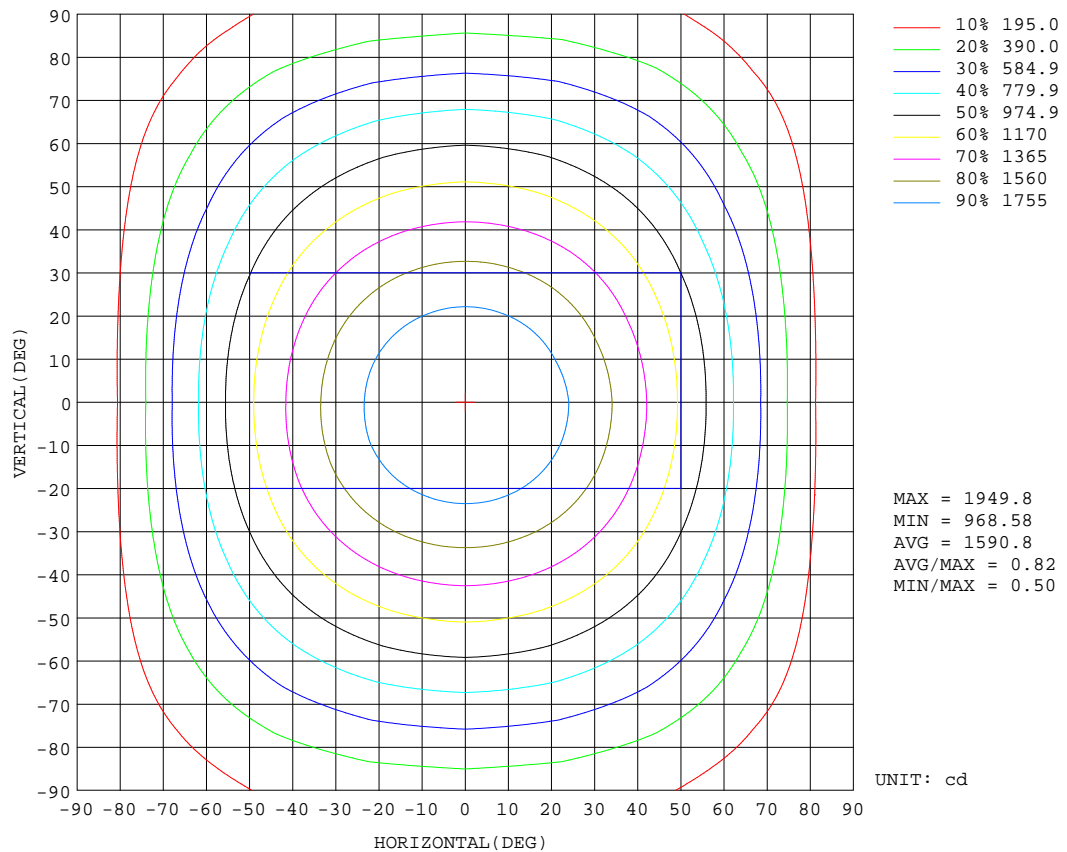
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) k(RI) x 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 | 67 | 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 | 93 | 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 | | | | | | | | | | |
| SHRNM = 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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 |

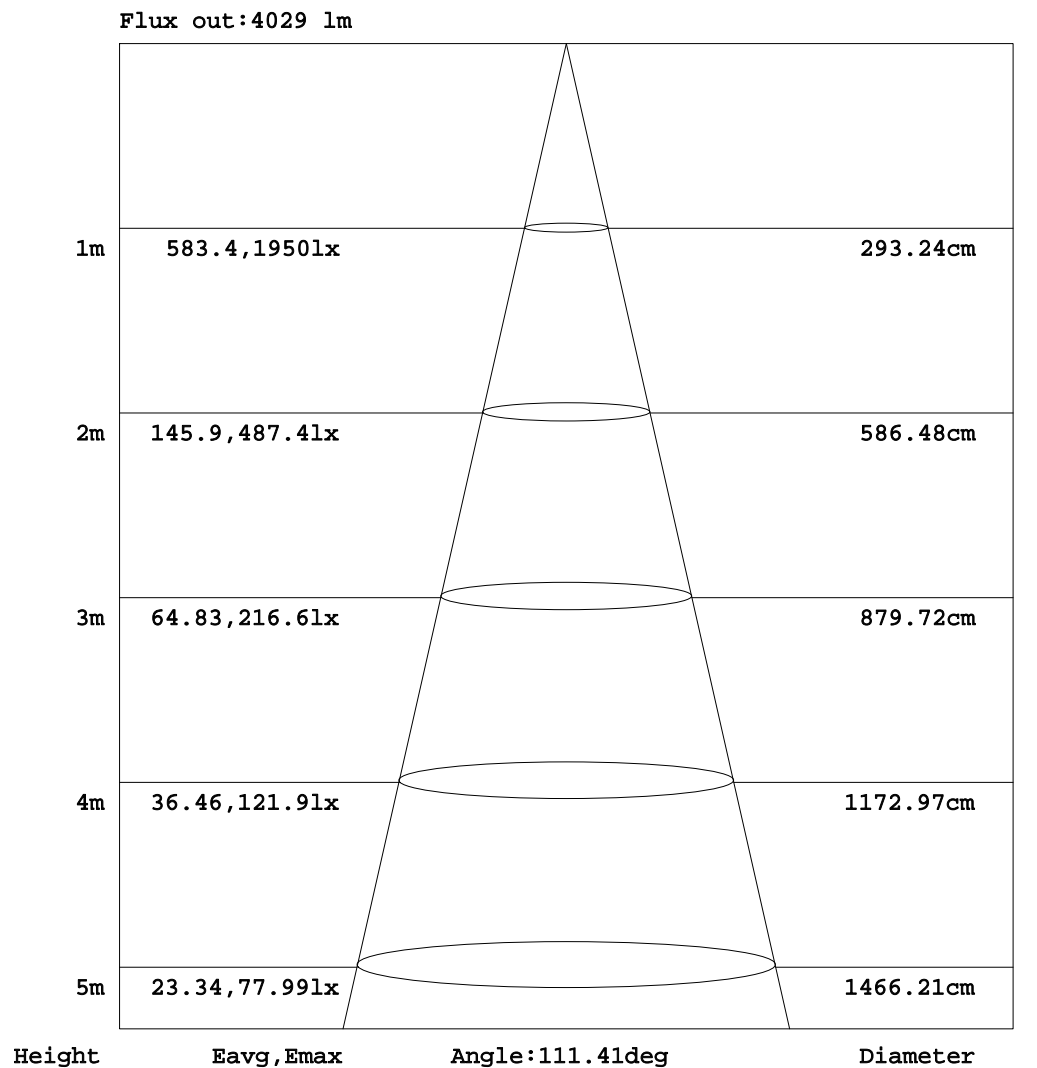


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.5DEG
Operators:Carl
Test Date:2022-11-04

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 |



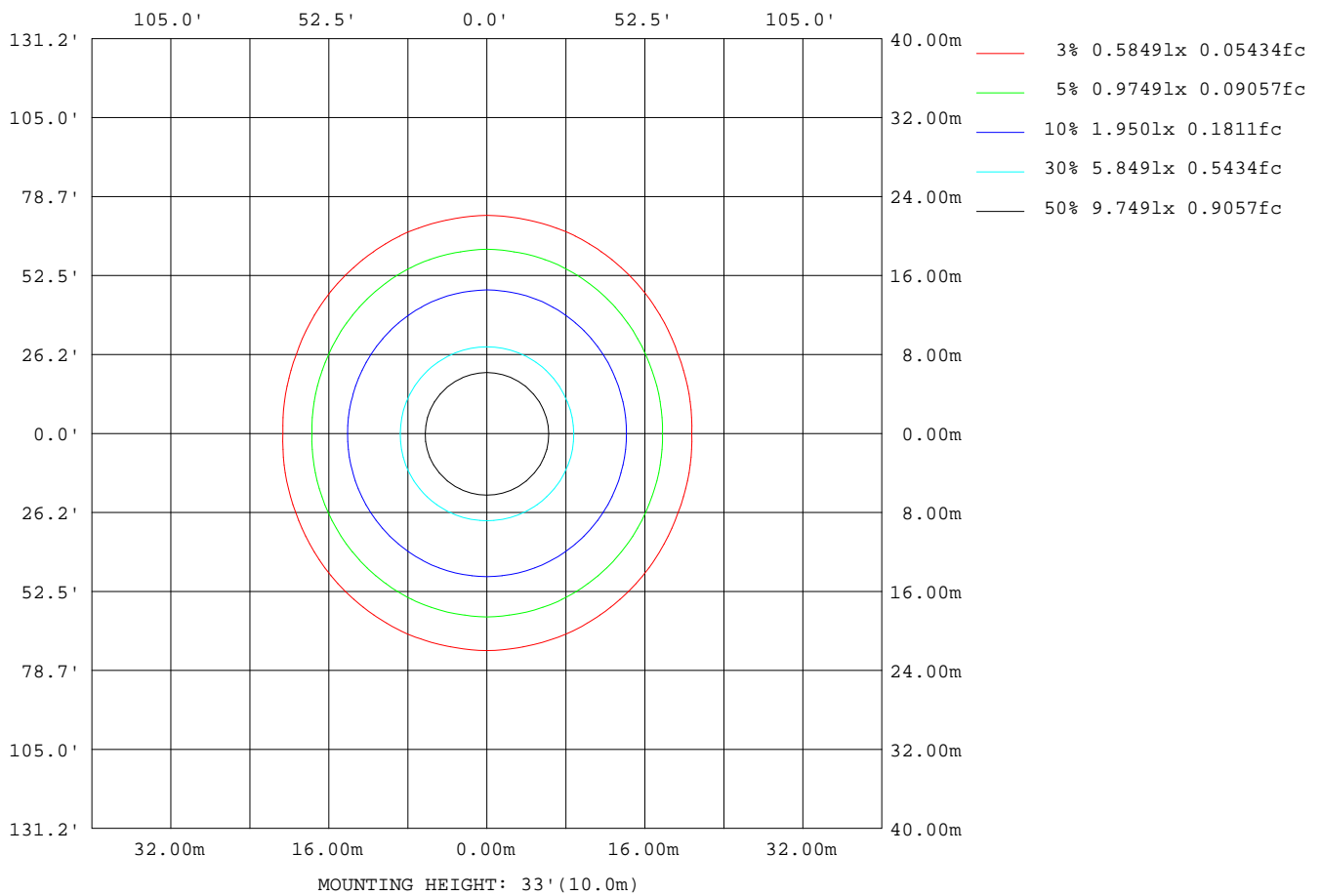
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 |

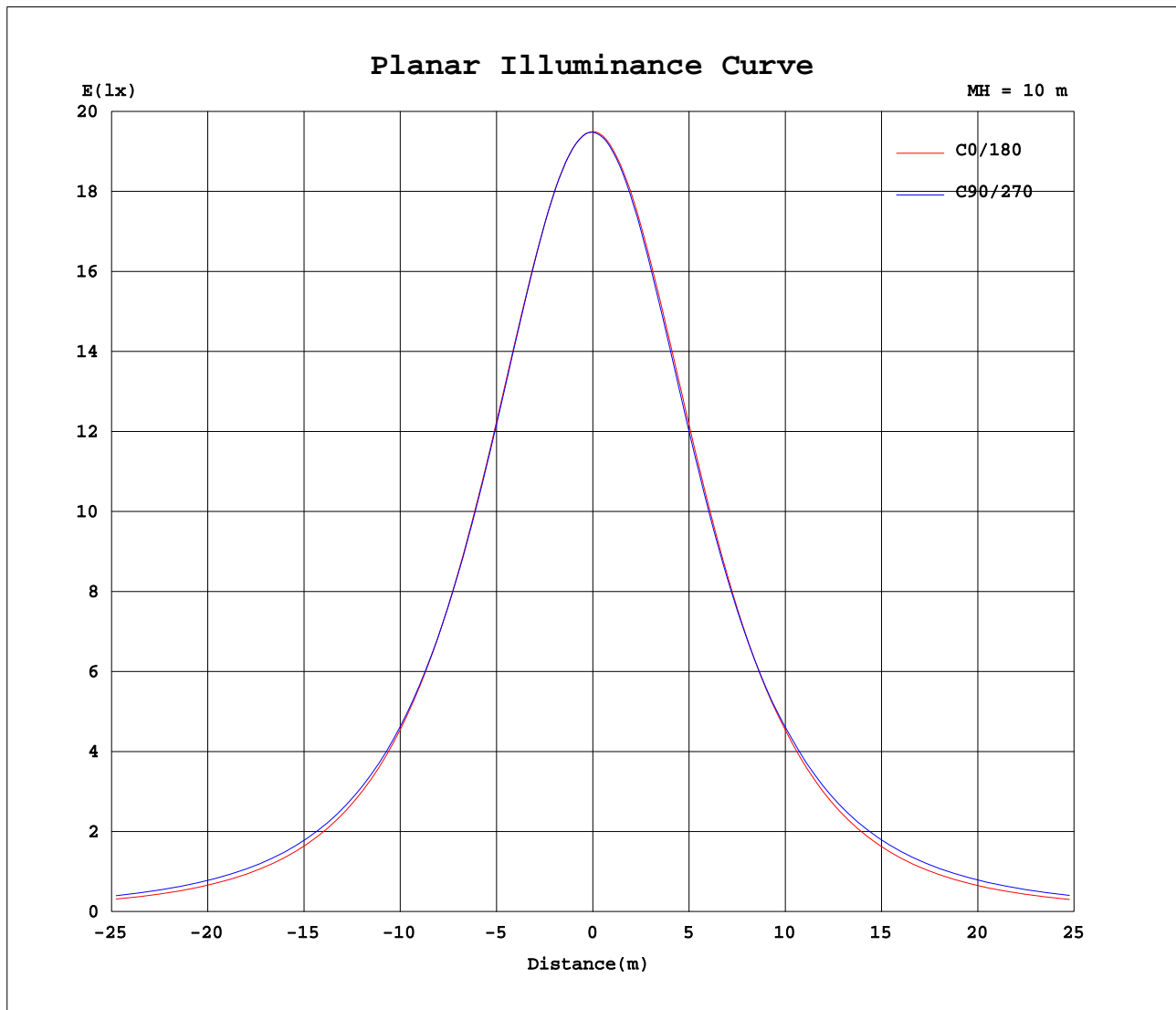
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 9062 |
| L_0~180(75)av | 7988 |
| L_0~180(85)av | 6144 |
| L_90~270(65)av | 11149 |
| L_90~270(75)av | 13155 |
| L_90~270(85)av | 25428 |
| L_45(65)av | 10258 |
| L_45(75)av | 11321 |
| L_45(85)av | 19236 |

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:0.3692A P:44.14W PF:0.9960 Lamp Flux:6308.12x1 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 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | 1948 | | | |
| 5 | 1940 | 1942 | 1941 | 1941 | 1941 | 1941 | 1941 | 1941 | 1939 | 1937 | 1936 | 1935 | 1935 | 1936 | 1936 | 1937 | | | |
| 10 | 1915 | 1916 | 1916 | 1916 | 1917 | 1916 | 1916 | 1915 | 1911 | 1909 | 1906 | 1903 | 1903 | 1904 | 1906 | 1909 | | | |
| 15 | 1871 | 1874 | 1874 | 1872 | 1872 | 1872 | 1873 | 1874 | 1867 | 1863 | 1858 | 1855 | 1854 | 1856 | 1859 | 1864 | | | |
| 20 | 1813 | 1814 | 1812 | 1810 | 1809 | 1809 | 1812 | 1814 | 1805 | 1800 | 1793 | 1789 | 1788 | 1789 | 1794 | 1801 | | | |
| 25 | 1737 | 1738 | 1735 | 1731 | 1729 | 1731 | 1734 | 1737 | 1728 | 1721 | 1713 | 1708 | 1706 | 1709 | 1716 | 1722 | | | |
| 30 | 1644 | 1645 | 1642 | 1638 | 1637 | 1637 | 1641 | 1645 | 1633 | 1626 | 1619 | 1614 | 1613 | 1615 | 1621 | 1628 | | | |
| 35 | 1537 | 1539 | 1535 | 1534 | 1533 | 1534 | 1535 | 1538 | 1525 | 1518 | 1513 | 1510 | 1512 | 1513 | 1516 | 1521 | | | |
| 40 | 1417 | 1420 | 1421 | 1422 | 1423 | 1421 | 1420 | 1419 | 1404 | 1399 | 1398 | 1402 | 1404 | 1404 | 1402 | 1402 | | | |
| 45 | 1286 | 1290 | 1296 | 1304 | 1308 | 1304 | 1296 | 1290 | 1283 | 1282 | 1289 | 1296 | 1303 | 1299 | 1295 | 1286 | | | |
| 50 | 1147 | 1151 | 1168 | 1185 | 1192 | 1185 | 1167 | 1152 | 1140 | 1144 | 1161 | 1184 | 1194 | 1187 | 1166 | 1149 | | | |
| 55 | 999 | 1010 | 1036 | 1064 | 1075 | 1063 | 1035 | 1009 | 991 | 1002 | 1032 | 1066 | 1081 | 1071 | 1039 | 1008 | | | |
| 60 | 847 | 864 | 904 | 941 | 955 | 941 | 904 | 862 | 836 | 856 | 903 | 947 | 965 | 952 | 910 | 863 | | | |
| 65 | 691 | 716 | 773 | 819 | 836 | 819 | 772 | 715 | 678 | 709 | 773 | 826 | 848 | 833 | 782 | 717 | | | |
| 70 | 537 | 574 | 642 | 698 | 716 | 697 | 640 | 573 | 518 | 563 | 645 | 707 | 730 | 714 | 655 | 573 | | | |
| 75 | 379 | 431 | 521 | 582 | 603 | 583 | 521 | 431 | 360 | 423 | 521 | 589 | 614 | 596 | 532 | 434 | | | |
| 80 | 228 | 297 | 402 | 470 | 492 | 470 | 402 | 299 | 212 | 292 | 403 | 476 | 503 | 484 | 414 | 303 | | | |
| 85 | 102 | 183 | 295 | 368 | 391 | 369 | 297 | 186 | 89.9 | 180 | 297 | 374 | 401 | 381 | 308 | 190 | | | |
| 90 | 30.7 | 104 | 213 | 285 | 307 | 285 | 216 | 109 | 32.1 | 104 | 215 | 289 | 315 | 295 | 224 | 110 | | | |
| 95 | 21.8 | 64.9 | 158 | 223 | 244 | 224 | 161 | 69.7 | 23.3 | 65.7 | 160 | 226 | 249 | 231 | 167 | 69.3 | | | |
| 100 | 16.0 | 39.1 | 116 | 173 | 192 | 174 | 119 | 43.0 | 16.9 | 40.6 | 117 | 176 | 197 | 180 | 122 | 42.9 | | | |
| 105 | 7.67 | 22.1 | 82.2 | 132 | 149 | 133 | 84.4 | 24.8 | 6.63 | 23.1 | 83.3 | 134 | 153 | 136 | 87.2 | 24.8 | | | |
| 110 | 4.63 | 11.4 | 55.8 | 98.4 | 113 | 99.1 | 57.9 | 12.9 | 4.75 | 12.6 | 57.0 | 99.9 | 116 | 102 | 60.0 | 13.1 | | | |
| 115 | 3.29 | 7.59 | 35.2 | 71.0 | 84.3 | 71.7 | 36.9 | 8.21 | 3.38 | 8.01 | 36.5 | 72.3 | 86.3 | 74.1 | 38.8 | 7.65 | | | |
| 120 | 2.46 | 5.49 | 20.1 | 48.1 | 59.6 | 48.8 | 21.5 | 5.94 | 2.50 | 5.75 | 21.1 | 49.6 | 61.5 | 51.0 | 22.8 | 5.52 | | | |
| 125 | 2.06 | 4.10 | 10.2 | 30.4 | 39.6 | 31.1 | 11.0 | 4.47 | 2.04 | 4.17 | 11.2 | 31.6 | 41.1 | 32.6 | 12.0 | 4.11 | | | |
| 130 | 2.17 | 3.52 | 7.35 | 17.0 | 23.8 | 17.5 | 7.63 | 3.89 | 2.04 | 3.46 | 7.31 | 18.1 | 24.8 | 18.6 | 7.21 | 3.41 | | | |
| 135 | 2.49 | 3.39 | 6.46 | 9.82 | 12.7 | 10.0 | 6.70 | 3.74 | 2.17 | 3.10 | 6.09 | 9.83 | 13.7 | 10.0 | 6.10 | 3.09 | | | |
| 140 | 2.97 | 3.49 | 5.96 | 8.39 | 9.38 | 8.49 | 6.19 | 3.81 | 2.30 | 2.86 | 5.09 | 7.50 | 8.56 | 7.61 | 5.30 | 2.89 | | | |
| 145 | 3.61 | 3.83 | 5.69 | 7.59 | 8.36 | 7.68 | 5.88 | 4.05 | 2.48 | 2.82 | 4.31 | 6.14 | 7.04 | 6.46 | 4.74 | 2.94 | | | |
| 150 | 4.12 | 4.20 | 5.49 | 6.89 | 7.47 | 6.96 | 5.62 | 4.25 | 2.66 | 2.87 | 3.64 | 4.96 | 5.74 | 5.48 | 4.31 | 3.05 | | | |
| 155 | 4.54 | 4.60 | 5.39 | 6.34 | 6.73 | 6.37 | 5.45 | 4.55 | 2.87 | 3.00 | 3.22 | 4.17 | 4.80 | 4.76 | 4.05 | 3.28 | | | |
| 160 | 4.82 | 4.85 | 5.28 | 5.87 | 6.11 | 5.86 | 5.25 | 4.68 | 3.12 | 3.13 | 3.22 | 3.65 | 4.06 | 4.13 | 3.83 | 3.48 | | | |
| 165 | 4.81 | 4.81 | 5.10 | 5.35 | 5.45 | 5.28 | 4.83 | 4.60 | 3.32 | 3.28 | 3.37 | 3.36 | 3.69 | 3.77 | 3.72 | 3.63 | | | |
| 170 | 4.68 | 4.63 | 4.84 | 4.97 | 4.97 | 4.81 | 4.55 | 4.57 | 3.45 | 3.45 | 3.51 | 3.55 | 3.72 | 3.77 | 3.84 | 3.82 | | | |
| 175 | 4.53 | 4.46 | 4.51 | 4.57 | 4.50 | 4.32 | 4.43 | 4.55 | 3.87 | 3.87 | 3.82 | 3.82 | 3.75 | 4.09 | 4.14 | 3.99 | | | |
| 180 | 4.35 | 4.33 | 4.24 | 3.98 | 4.23 | 4.00 | 4.21 | 4.31 | 4.33 | 4.32 | 4.29 | 4.22 | 4.03 | 3.91 | 4.06 | 4.17 | | | |

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Operators:Carl
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