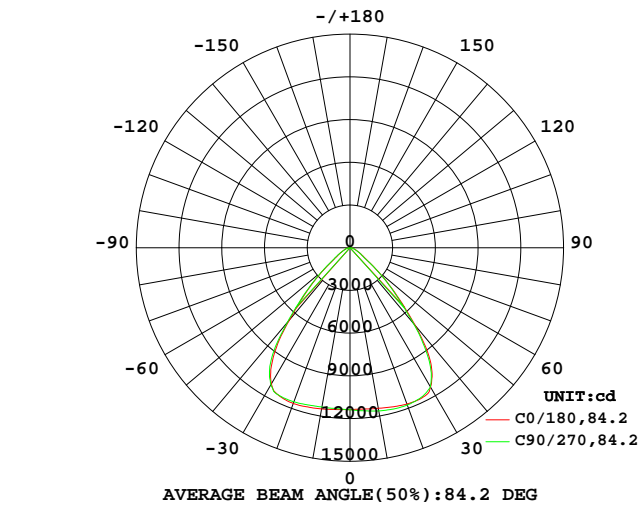


LUMINAIRE PHOTOMETRIC TEST REPORT

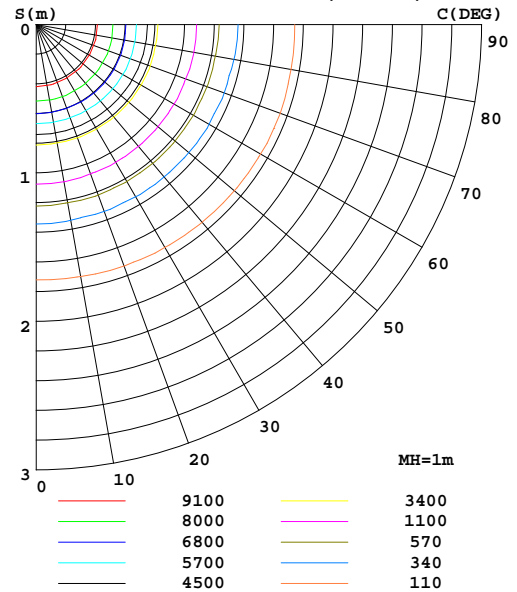
| | | | | | |
|--|--|--|--------------|--|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | | | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | | | TYPE:Highbay | | WEIGHT: |
| SPEC.:DIP120W | | | DIM.: D330 | | SERIAL No.: |
| MFR.: Eastfield | | | SUR.:D270 | | Shielding Angle: |

| DATA OF LAMP | | | PHOTOMETRIC DATA | | | Eff: 174.32 lm/W |
|------------------|---------|--|------------------|--------|------------------------|------------------|
| MODEL | 1 | | Imax(cd) | 11767 | S/MH(C0/180) | 1.23 |
| NOMINAL POWER(W) | 200 | | LOR(%) | 100.0 | S/MH(C90/270) | 1.22 |
| RATED VOLTAGE(V) | 240 | | TOTAL FLUX(lm) | 21277 | η UP,DN(C0-180) | 0.1,49.7 |
| NOMINAL FLUX(lm) | 21277.4 | | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.1,50.1 |
| LAMPS INSIDE | 1 | | η up(%) | 0.1 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 240 | | η down(%) | 99.9 | CIBSE SHR MAX | 1.25 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM(UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [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 | 1150 | 1141 | 1136 | 1139 | 1145 | 1157 | 1163 | 1161 | 0- 10 | 1092 | 1092 | 5.13,5.13 |
| 20 | 1164 | 1156 | 1151 | 1162 | 1168 | 1175 | 1176 | 1177 | 10- 20 | 3287 | 4379 | 20.6,20.6 |
| 30 | 1104 | 1114 | 1112 | 1122 | 1131 | 1136 | 1129 | 1126 | 20- 30 | 5352 | 9731 | 45.7,45.7 |
| 40 | 661.7 | 671.2 | 684.7 | 694.9 | 711.9 | 701.9 | 695.4 | 695.5 | 30- 40 | 5892 | 15623 | 73.4,73.4 |
| 50 | 243.0 | 243.5 | 250.1 | 242.5 | 253.5 | 249.4 | 250.6 | 254.1 | 40- 50 | 3389 | 19012 | 89.4,89.4 |
| 60 | 84.95 | 89.49 | 88.77 | 89.28 | 87.32 | 85.09 | 84.83 | 81.42 | 50- 60 | 1279 | 20290 | 95.4,95.4 |
| 70 | 39.38 | 40.74 | 39.48 | 39.45 | 41.16 | 39.56 | 38.88 | 37.19 | 60- 70 | 588.8 | 20879 | 98.1,98.1 |
| 80 | 14.33 | 13.68 | 11.38 | 12.14 | 14.72 | 15.45 | 17.66 | 18.63 | 70- 80 | 294.5 | 21174 | 99.5,99.5 |
| 90 | 3.228 | 3.422 | 3.150 | 3.309 | 3.039 | 2.841 | 2.864 | 3.340 | 80- 90 | 72.11 | 21246 | 99.9,99.9 |
| 100 | 2.873 | 2.839 | 2.666 | 2.291 | 2.121 | 2.154 | 2.581 | 2.658 | 90-100 | 30.09 | 21276 | 100,100 |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100-110 | 1.562 | 21277 | 100,100 |
| 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110-120 | 0 | 21277 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0 | 21277 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 21277 | 100,100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 21277 | 100,100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 21277 | 100,100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 21277 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 21277 | 100,100 |
| DEG | LUMINOUS INTENSITY:×10cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 17659 lm

%lum = 83.0%

%lamp = 83.0%

Conical surface Flux(120deg): 20290 lm

%lum = 95.4%

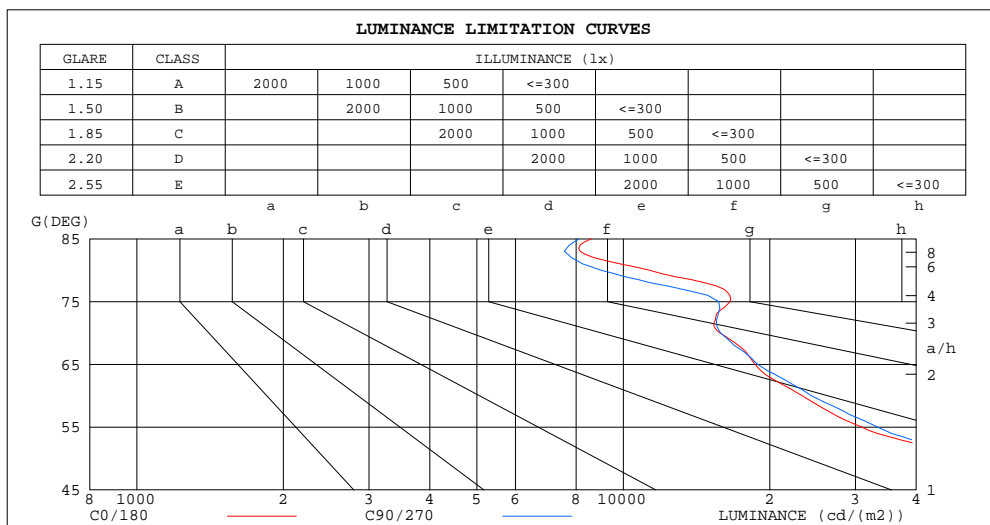
%lamp = 95.4%

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 8589 | 8118 |
| 80 | 11318 | 8991 |
| 75 | 16575 | 15692 |
| 70 | 15794 | 15836 |
| 65 | 18658 | 18867 |
| 60 | 23306 | 24355 |
| 55 | 30898 | 33296 |
| 50 | 51855 | 53383 |
| 45 | 81737 | 84409 |

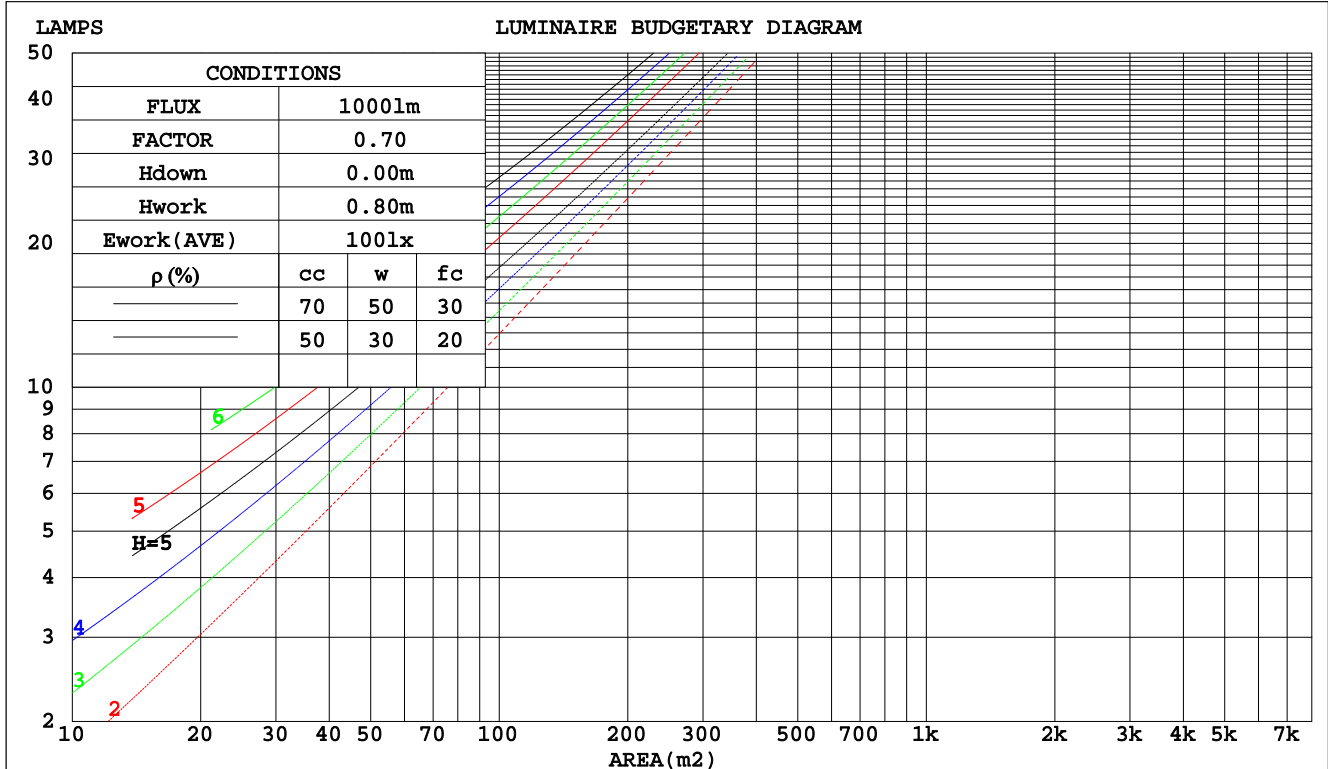
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.08 | 1.05 | 1.03 | 1.06 | 1.03 | 1.01 | 1.02 | .00 | .98 | .98 | .96 | .95 | .95 | .93 | .92 | .90 |
| 2.0 | .99 | .93 | .89 | .97 | .92 | .88 | .93 | .89 | .86 | .90 | .87 | .84 | .87 | .85 | .82 | .81 |
| 3.0 | .90 | .83 | .78 | .88 | .82 | .78 | .85 | .80 | .76 | .83 | .79 | .75 | .80 | .77 | .74 | .72 |
| 4.0 | .82 | .75 | .70 | .81 | .74 | .69 | .78 | .73 | .68 | .76 | .71 | .67 | .74 | .70 | .67 | .65 |
| 5.0 | .75 | .68 | .62 | .74 | .67 | .62 | .72 | .66 | .61 | .70 | .65 | .61 | .68 | .64 | .60 | .58 |
| 6.0 | .69 | .61 | .56 | .68 | .61 | .56 | .66 | .60 | .55 | .65 | .59 | .55 | .63 | .58 | .55 | .53 |
| 7.0 | .63 | .56 | .51 | .63 | .56 | .51 | .61 | .55 | .50 | .60 | .54 | .50 | .59 | .54 | .50 | .48 |
| 8.0 | .59 | .51 | .46 | .58 | .51 | .46 | .57 | .50 | .46 | .55 | .50 | .46 | .54 | .49 | .45 | .44 |
| 9.0 | .54 | .47 | .42 | .54 | .47 | .42 | .53 | .46 | .42 | .52 | .46 | .42 | .51 | .46 | .42 | .40 |
| 10.0 | .50 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .39 | .48 | .43 | .39 | .47 | .42 | .38 | .37 |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2023-03-02

γ Range: 0 - 100DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | | | | |
|--|--|--|--|--------------|--|--|------------------|--|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | | | | | | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | | | | TYPE:Highbay | | | WEIGHT: | |
| SPEC.:DIP120W | | | | DIM.: D330 | | | SERIAL No.: | |
| MFR.: Eastfield | | | | SUR.:D270 | | | 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 | .221 | .126 | .040 | .214 | .122 | .039 | .201 | .116 | .037 | .190 | .109 | .035 | .179 | .104 | .033 | |
| 2.0 | .214 | .117 | .036 | .208 | .115 | .035 | .197 | .110 | .034 | .187 | .105 | .033 | .177 | .100 | .032 | |
| 3.0 | .204 | .109 | .033 | .199 | .106 | .032 | .189 | .103 | .031 | .180 | .099 | .030 | .172 | .095 | .029 | |
| 4.0 | .194 | .101 | .030 | .189 | .099 | .029 | .181 | .096 | .029 | .173 | .093 | .028 | .166 | .090 | .027 | |
| 5.0 | .184 | .094 | .027 | .180 | .092 | .027 | .172 | .090 | .026 | .165 | .087 | .026 | .159 | .085 | .025 | |
| 6.0 | .174 | .087 | .025 | .171 | .086 | .025 | .164 | .084 | .024 | .158 | .082 | .024 | .152 | .080 | .024 | |
| 7.0 | .165 | .082 | .023 | .162 | .081 | .023 | .156 | .079 | .023 | .151 | .077 | .022 | .145 | .076 | .022 | |
| 8.0 | .157 | .077 | .022 | .154 | .076 | .021 | .149 | .074 | .021 | .144 | .073 | .021 | .139 | .071 | .021 | |
| 9.0 | .149 | .072 | .020 | .147 | .072 | .020 | .142 | .070 | .020 | .138 | .069 | .020 | .133 | .068 | .020 | |
| 10.0 | .142 | .068 | .019 | .140 | .068 | .019 | .136 | .066 | .019 | .132 | .065 | .019 | .128 | .064 | .018 | |

| 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 | .192 | .192 | .192 | .164 | .164 | .164 | .112 | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 | |
| 1.0 | .175 | .158 | .143 | .150 | .136 | .123 | .103 | .093 | .085 | .059 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .163 | .133 | .109 | .140 | .115 | .094 | .096 | .079 | .065 | .055 | .046 | .038 | .018 | .015 | .013 | |
| 3.0 | .153 | .115 | .085 | .131 | .099 | .074 | .090 | .069 | .052 | .052 | .040 | .030 | .017 | .013 | .010 | |
| 4.0 | .144 | .101 | .068 | .124 | .087 | .059 | .085 | .061 | .041 | .049 | .036 | .025 | .016 | .012 | .008 | |
| 5.0 | .137 | .090 | .055 | .117 | .078 | .048 | .081 | .054 | .034 | .047 | .032 | .020 | .015 | .010 | .007 | |
| 6.0 | .130 | .081 | .046 | .112 | .070 | .040 | .077 | .049 | .028 | .045 | .029 | .017 | .014 | .009 | .006 | |
| 7.0 | .124 | .074 | .039 | .107 | .064 | .034 | .074 | .045 | .024 | .043 | .026 | .014 | .014 | .009 | .005 | |
| 8.0 | .118 | .068 | .034 | .102 | .059 | .029 | .070 | .041 | .021 | .041 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .113 | .063 | .029 | .097 | .055 | .026 | .068 | .038 | .018 | .039 | .023 | .011 | .013 | .007 | .004 | |
| 10.0 | .108 | .059 | .026 | .093 | .051 | .023 | .065 | .036 | .016 | .038 | .021 | .010 | .012 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|--------------|----------------|------|------------------|------|------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | | | | | | | | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | | | | | TYPE:Highbay | | | WEIGHT: | | |
| SPEC.:DIP120W | | | | | DIM.: D330 | | | SERIAL No.: | | |
| MFR.: Eastfield | | | | | SUR.:D270 | | | 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 | 24.7 | 25.9 | 24.9 | 26.0 | 26.2 | 24.8 | 26.0 | 25.0 | 26.2 | 26.4 |
| 3H | 24.8 | 25.9 | 25.0 | 26.1 | 26.3 | 24.9 | 26.0 | 25.2 | 26.2 | 26.4 |
| 4H | 24.8 | 25.9 | 25.1 | 26.1 | 26.3 | 25.0 | 26.0 | 25.2 | 26.2 | 26.5 |
| 6H | 24.8 | 25.8 | 25.2 | 26.1 | 26.3 | 24.9 | 25.9 | 25.3 | 26.2 | 26.4 |
| 8H | 24.8 | 25.8 | 25.1 | 26.0 | 26.3 | 24.9 | 25.8 | 25.2 | 26.1 | 26.4 |
| 12H | 24.8 | 25.7 | 25.1 | 26.0 | 26.3 | 24.9 | 25.8 | 25.2 | 26.1 | 26.3 |
| 4H 2H | 24.6 | 25.6 | 24.9 | 25.9 | 26.1 | 24.7 | 25.7 | 25.0 | 26.0 | 26.2 |
| 3H | 24.8 | 25.7 | 25.1 | 26.0 | 26.2 | 24.9 | 25.8 | 25.3 | 26.1 | 26.4 |
| 4H | 24.9 | 25.7 | 25.3 | 26.0 | 26.4 | 25.1 | 25.9 | 25.4 | 26.2 | 26.5 |
| 6H | 25.0 | 25.7 | 25.4 | 26.1 | 26.4 | 25.1 | 25.8 | 25.5 | 26.2 | 26.5 |
| 8H | 25.0 | 25.7 | 25.4 | 26.0 | 26.4 | 25.1 | 25.7 | 25.5 | 26.1 | 26.5 |
| 12H | 25.0 | 25.6 | 25.4 | 26.0 | 26.4 | 25.1 | 25.7 | 25.5 | 26.0 | 26.4 |
| 8H 4H | 24.9 | 25.6 | 25.3 | 25.9 | 26.3 | 25.0 | 25.7 | 25.4 | 26.1 | 26.4 |
| 6H | 25.0 | 25.6 | 25.5 | 26.0 | 26.4 | 25.1 | 25.7 | 25.6 | 26.1 | 26.5 |
| 8H | 25.1 | 25.5 | 25.5 | 26.0 | 26.4 | 25.1 | 25.6 | 25.6 | 26.0 | 26.5 |
| 12H | 25.1 | 25.5 | 25.5 | 25.9 | 26.4 | 25.1 | 25.5 | 25.6 | 26.0 | 26.4 |
| 12H 4H | 24.9 | 25.5 | 25.3 | 25.9 | 26.3 | 25.0 | 25.6 | 25.4 | 26.0 | 26.4 |
| 6H | 25.0 | 25.5 | 25.5 | 25.9 | 26.4 | 25.1 | 25.6 | 25.5 | 26.0 | 26.4 |
| 8H | 25.0 | 25.4 | 25.5 | 25.9 | 26.4 | 25.1 | 25.5 | 25.6 | 26.0 | 26.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 1.6 / - 2.8 | | | | | + 1.6 / - 2.8 | | | | |
| 1.5H | + 2.4 / - 2.6 | | | | | + 2.5 / - 2.6 | | | | |
| 2.0H | + 3.4 / - 2.1 | | | | | + 3.5 / - 2.2 | | | | |

CIE Pub.117, 21277 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 10.6$)
Area: 0.0729 m²

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:01
Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:8.750m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

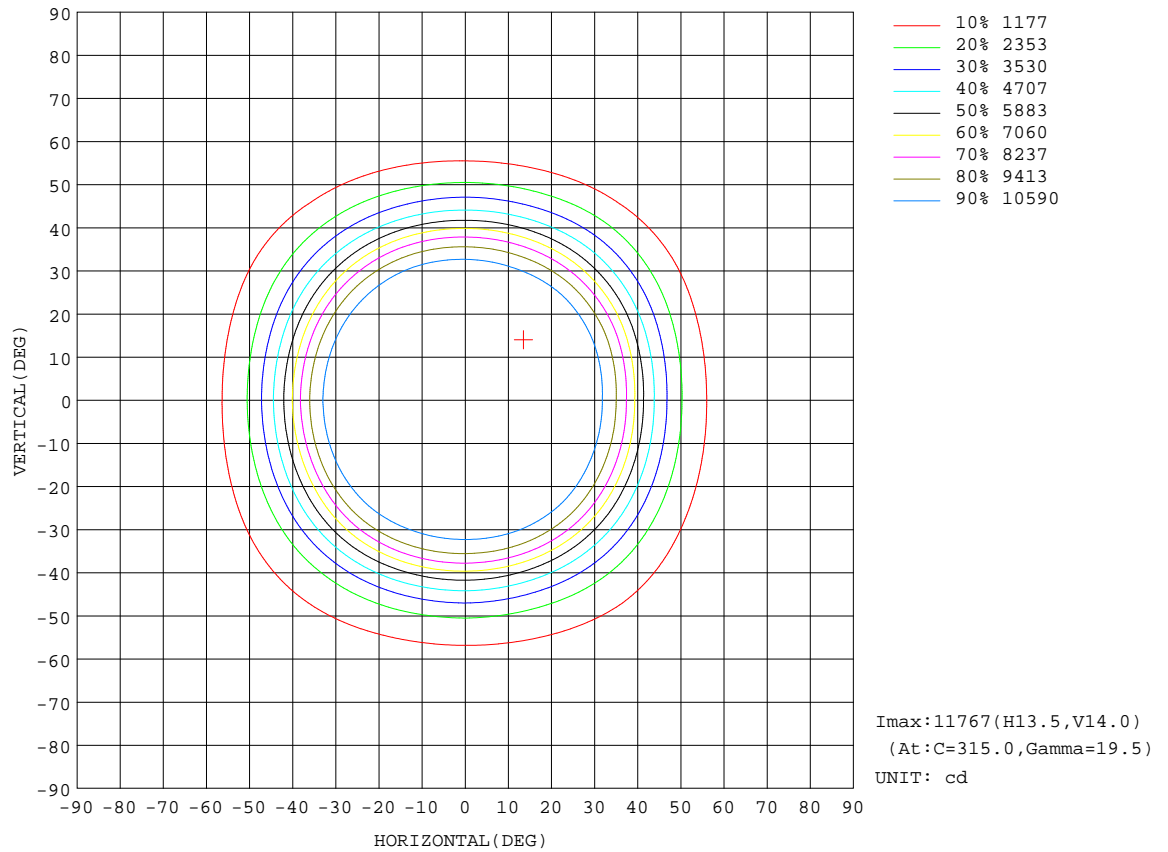
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 75 | 66 | 61 | 74 | 66 | 61 | 73 | 66 | 61 | 56 |
| 0.80 | 84 | 76 | 71 | 83 | 75 | 70 | 82 | 75 | 70 | 65 |
| 1.00 | 91 | 83 | 78 | 90 | 82 | 78 | 88 | 83 | 77 | 72 |
| 1.25 | 96 | 89 | 84 | 95 | 88 | 84 | 93 | 87 | 83 | 78 |
| 1.50 | 100 | 93 | 89 | 98 | 92 | 88 | 96 | 91 | 87 | 82 |
| 2.00 | 104 | 99 | 94 | 103 | 97 | 94 | 100 | 95 | 92 | 86 |
| 2.50 | 106 | 101 | 97 | 105 | 100 | 96 | 101 | 98 | 95 | 88 |
| 3.00 | 109 | 104 | 100 | 107 | 103 | 99 | 103 | 100 | 97 | 90 |
| 4.00 | 111 | 107 | 104 | 109 | 106 | 103 | 105 | 103 | 100 | 93 |
| 5.00 | 113 | 110 | 107 | 110 | 108 | 105 | 106 | 104 | 102 | 94 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |



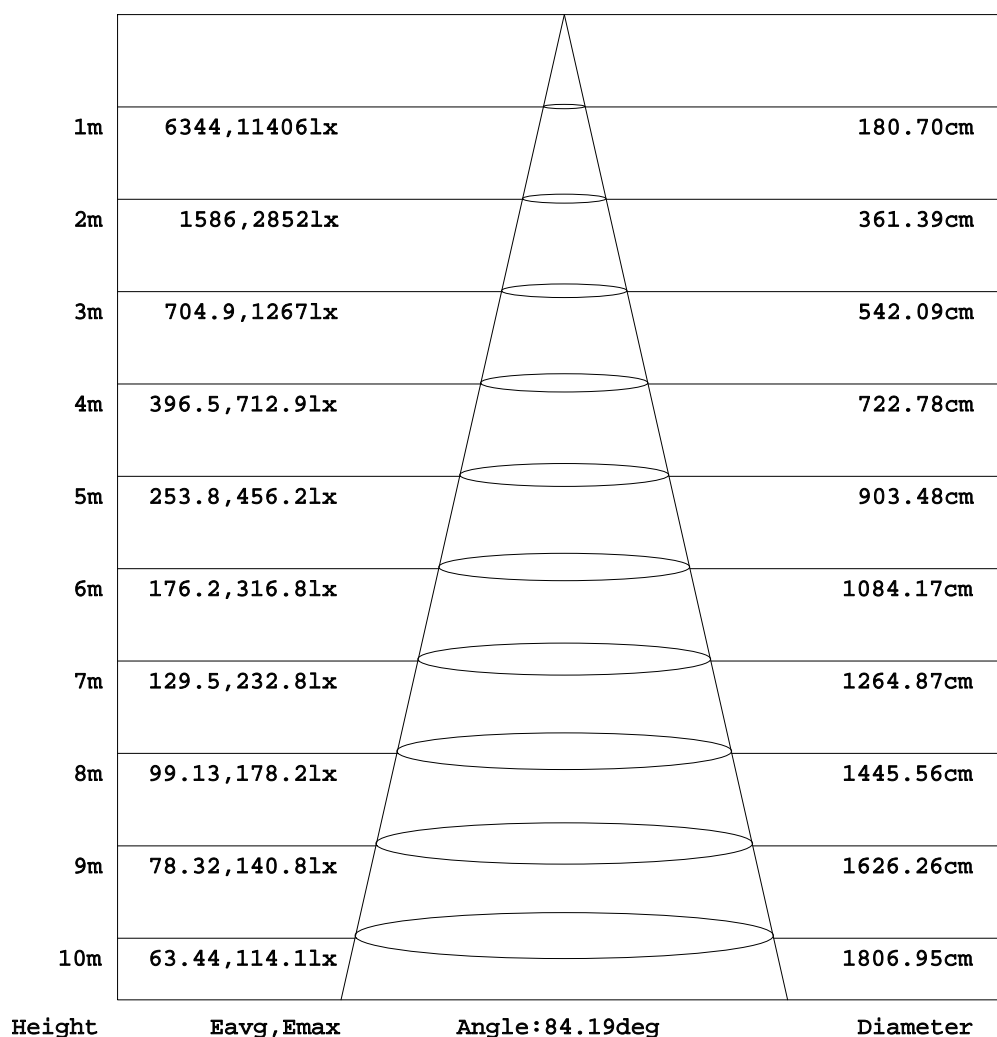
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

Flux out:16735 lm



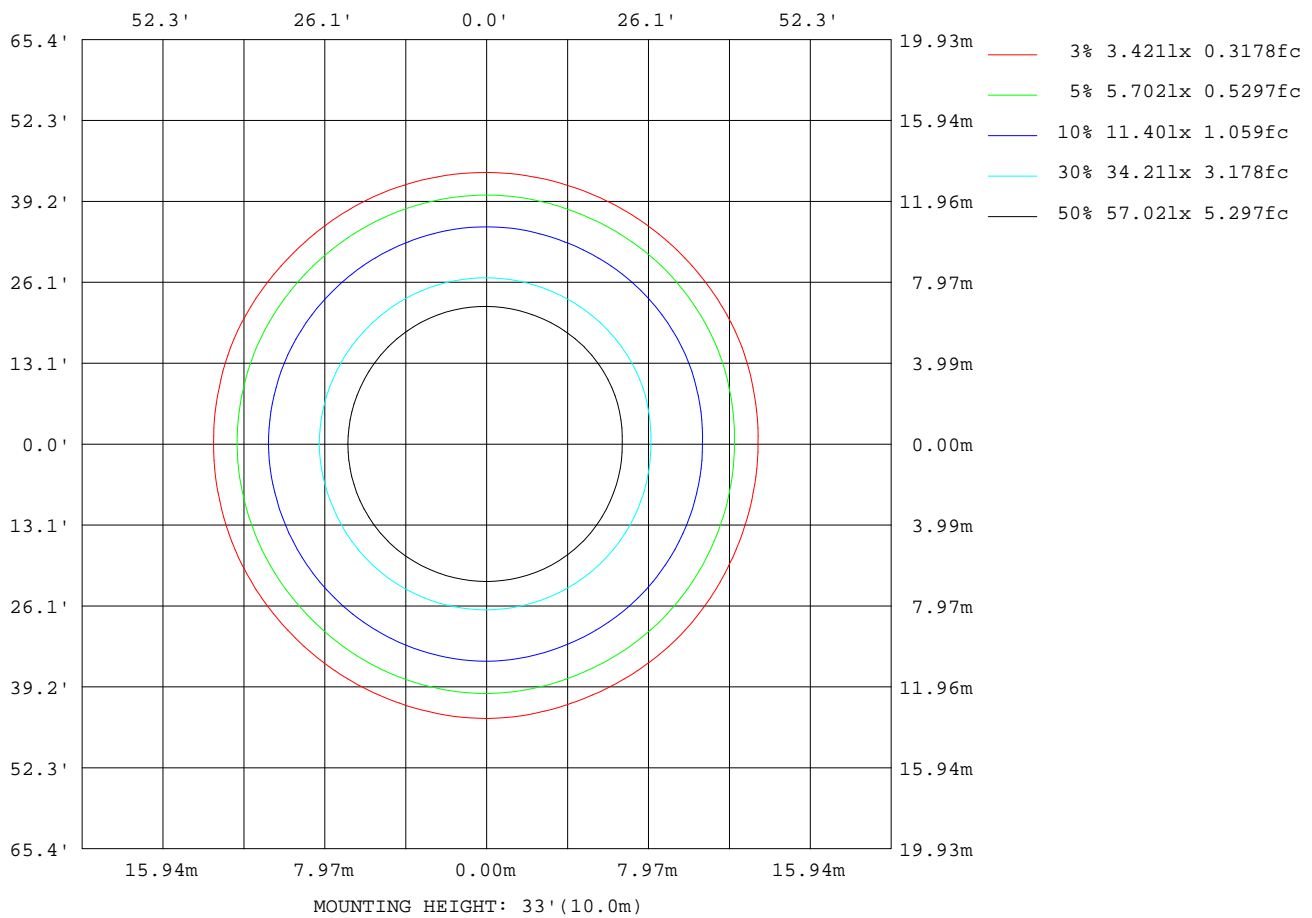
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 01
 Test Date: 2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 8.750m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

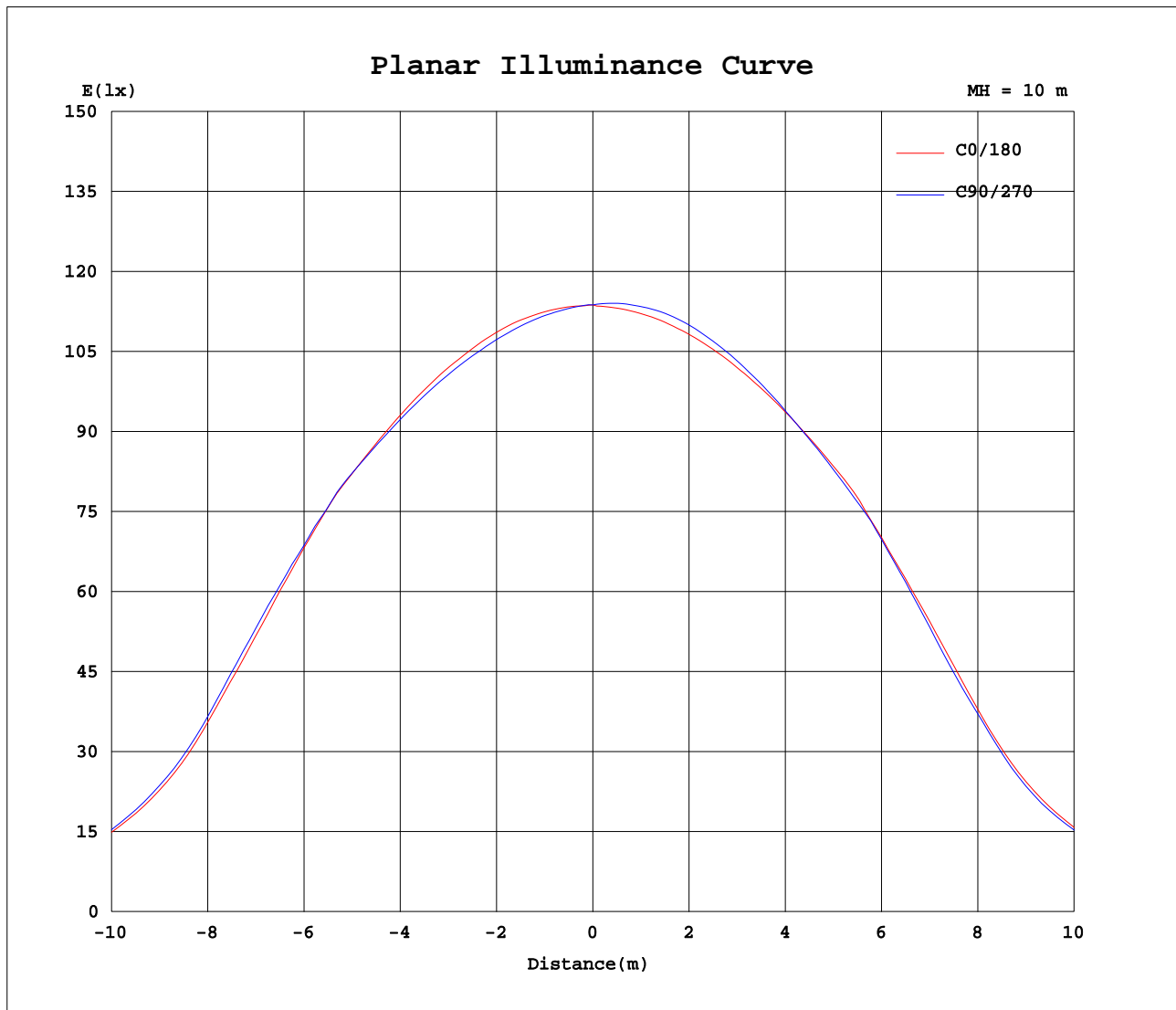
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 18961 |
| L_0~180(75)av | 16073 |
| L_0~180(85)av | 8676 |
| L_90~270(65)av | 18505 |
| L_90~270(75)av | 14604 |
| L_90~270(85)av | 8459 |
| L_45(65)av | 18471 |
| L_45(75)av | 15036 |
| L_45(85)av | 8913 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 01
Test Date: 2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 8.750m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

Table--1

UNIT: ×10cd

| γ (DEG) \ C (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 |
| 5 | 1140 | 1140 | 1139 | 1139 | 1138 | 1138 | 1138 | 1137 | 1137 | 1136 | 1136 | 1135 | 1135 | 1135 | 1135 | 1134 | 1134 | 1134 | 1134 |
| 10 | 1150 | 1149 | 1148 | 1147 | 1146 | 1145 | 1144 | 1143 | 1142 | 1141 | 1140 | 1139 | 1139 | 1138 | 1137 | 1137 | 1137 | 1136 | 1136 |
| 15 | 1157 | 1156 | 1155 | 1154 | 1153 | 1153 | 1152 | 1151 | 1150 | 1149 | 1148 | 1147 | 1146 | 1145 | 1144 | 1144 | 1144 | 1143 | 1143 |
| 20 | 1164 | 1163 | 1162 | 1161 | 1160 | 1159 | 1158 | 1157 | 1156 | 1156 | 1155 | 1154 | 1153 | 1153 | 1152 | 1152 | 1152 | 1151 | 1151 |
| 25 | 1155 | 1155 | 1155 | 1154 | 1154 | 1154 | 1155 | 1155 | 1155 | 1155 | 1155 | 1155 | 1154 | 1154 | 1153 | 1153 | 1152 | 1152 | 1151 |
| 30 | 1104 | 1104 | 1105 | 1106 | 1107 | 1108 | 1110 | 1111 | 1113 | 1114 | 1114 | 1114 | 1114 | 1114 | 1114 | 1113 | 1113 | 1112 | 1112 |
| 35 | 941 | 942 | 943 | 944 | 944 | 946 | 950 | 953 | 956 | 959 | 961 | 962 | 964 | 965 | 966 | 966 | 966 | 966 | 967 |
| 40 | 662 | 663 | 664 | 664 | 665 | 666 | 667 | 669 | 670 | 671 | 673 | 674 | 675 | 676 | 678 | 680 | 682 | 683 | 685 |
| 45 | 421 | 421 | 421 | 421 | 421 | 420 | 421 | 421 | 421 | 421 | 422 | 422 | 423 | 423 | 425 | 428 | 430 | 433 | 435 |
| 50 | 243 | 243 | 242 | 242 | 241 | 242 | 242 | 243 | 243 | 244 | 243 | 243 | 243 | 242 | 243 | 245 | 247 | 249 | 250 |
| 55 | 129 | 129 | 129 | 129 | 129 | 129 | 131 | 132 | 134 | 135 | 135 | 135 | 135 | 135 | 136 | 137 | 138 | 139 | 139 |
| 60 | 85.0 | 85.5 | 86.1 | 86.7 | 87.2 | 87.7 | 88.2 | 88.6 | 89.1 | 89.5 | 89.9 | 90.4 | 90.8 | 91.2 | 91.1 | 90.6 | 90.0 | 89.5 | 88.8 |
| 65 | 57.5 | 57.8 | 58.1 | 58.4 | 58.7 | 58.8 | 58.7 | 58.6 | 58.5 | 58.3 | 59.0 | 59.8 | 60.5 | 61.3 | 61.2 | 60.5 | 59.8 | 58.9 | 58.1 |
| 70 | 39.4 | 39.6 | 39.8 | 40.0 | 40.1 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 41.3 | 41.8 | 42.3 | 42.8 | 42.7 | 41.9 | 41.1 | 40.3 | 39.5 |
| 75 | 31.3 | 31.2 | 31.2 | 31.2 | 31.1 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 31.0 | 31.3 | 31.5 | 31.8 | 31.7 | 31.2 | 30.6 | 30.0 | 29.6 |
| 80 | 14.3 | 14.1 | 14.0 | 13.8 | 13.6 | 13.4 | 13.5 | 13.6 | 13.6 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.6 | 12.3 | 12.0 | 11.7 | 11.4 |
| 85 | 5.46 | 5.51 | 5.56 | 5.61 | 5.65 | 5.69 | 5.71 | 5.72 | 5.73 | 5.75 | 5.73 | 5.70 | 5.67 | 5.64 | 5.58 | 5.48 | 5.37 | 5.27 | 5.16 |
| 90 | 3.23 | 3.26 | 3.28 | 3.31 | 3.33 | 3.36 | 3.37 | 3.39 | 3.41 | 3.42 | 3.40 | 3.37 | 3.34 | 3.32 | 3.28 | 3.25 | 3.22 | 3.18 | 3.15 |
| 95 | 3.12 | 3.15 | 3.17 | 3.19 | 3.21 | 3.20 | 3.11 | 3.05 | 2.97 | 2.90 | 2.89 | 2.88 | 2.88 | 2.87 | 2.86 | 2.85 | 2.84 | 2.83 | 2.83 |
| 100 | 2.87 | 2.83 | 2.73 | 2.75 | 2.79 | 2.94 | 2.92 | 2.76 | 2.84 | 2.84 | 2.71 | 2.72 | 2.70 | 2.65 | 2.62 | 2.63 | 2.55 | 2.42 | 2.67 |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------|------------------|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | TYPE:Highbay | WEIGHT: |
| SPEC.:DIP120W | DIM.: D330 | SERIAL No.: |
| MFR.: Eastfield | SUR.:D270 | Shielding Angle: |

Table--2

UNIT: ×10cd

| γ (DEG) \ C (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 |
| 5 | 1134 | 1134 | 1134 | 1134 | 1134 | 1135 | 1135 | 1136 | 1136 | 1137 | 1137 | 1138 | 1139 | 1139 | 1138 | 1138 | 1138 | 1137 | 1138 |
| 10 | 1136 | 1136 | 1136 | 1136 | 1136 | 1137 | 1138 | 1138 | 1139 | 1140 | 1142 | 1143 | 1144 | 1144 | 1144 | 1145 | 1145 | 1145 | 1146 |
| 15 | 1143 | 1143 | 1144 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1151 | 1152 | 1154 | 1155 | 1156 | 1156 | 1156 | 1157 | 1157 | 1158 |
| 20 | 1152 | 1153 | 1153 | 1154 | 1155 | 1157 | 1159 | 1160 | 1162 | 1164 | 1165 | 1167 | 1168 | 1169 | 1169 | 1168 | 1168 | 1168 | 1169 |
| 25 | 1152 | 1153 | 1154 | 1155 | 1156 | 1159 | 1161 | 1163 | 1165 | 1167 | 1168 | 1170 | 1171 | 1172 | 1172 | 1171 | 1171 | 1170 | 1171 |
| 30 | 1112 | 1113 | 1113 | 1114 | 1115 | 1116 | 1118 | 1120 | 1122 | 1123 | 1124 | 1125 | 1126 | 1128 | 1128 | 1129 | 1130 | 1131 | 1131 |
| 35 | 968 | 969 | 970 | 972 | 974 | 977 | 980 | 983 | 985 | 986 | 987 | 987 | 989 | 989 | 989 | 989 | 989 | 990 | 988 |
| 40 | 686 | 687 | 688 | 688 | 689 | 691 | 692 | 693 | 695 | 694 | 694 | 693 | 693 | 695 | 699 | 703 | 708 | 712 | 710 |
| 45 | 435 | 434 | 434 | 434 | 433 | 433 | 433 | 432 | 432 | 433 | 433 | 434 | 435 | 436 | 439 | 441 | 444 | 447 | 446 |
| 50 | 250 | 249 | 249 | 248 | 247 | 246 | 245 | 244 | 242 | 243 | 244 | 244 | 245 | 246 | 248 | 250 | 252 | 253 | 254 |
| 55 | 139 | 138 | 138 | 137 | 137 | 136 | 136 | 136 | 135 | 135 | 135 | 135 | 135 | 135 | 135 | 134 | 134 | 133 | 133 |
| 60 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.0 | 88.7 | 88.5 | 88.1 | 88.0 | 87.8 | 87.6 | 87.5 | 87.3 | 87.3 |
| 65 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.3 | 58.3 | 58.3 | 58.3 | 58.2 | 58.1 | 58.0 | 57.9 | 58.0 | 58.3 | 58.7 | 59.0 | 59.4 | 58.9 |
| 70 | 39.7 | 39.9 | 40.0 | 40.2 | 40.2 | 40.0 | 39.8 | 39.6 | 39.5 | 39.3 | 39.1 | 38.9 | 38.7 | 38.9 | 39.5 | 40.0 | 40.6 | 41.2 | 40.4 |
| 75 | 29.5 | 29.7 | 29.7 | 29.8 | 29.7 | 29.4 | 29.1 | 28.8 | 28.6 | 28.2 | 27.9 | 27.5 | 27.2 | 27.3 | 27.8 | 28.3 | 28.9 | 29.4 | 28.9 |
| 80 | 11.4 | 11.3 | 11.2 | 11.2 | 11.3 | 11.5 | 11.7 | 11.9 | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.5 | 13.1 | 13.6 | 14.2 | 14.7 | 14.8 |
| 85 | 5.15 | 5.14 | 5.12 | 5.10 | 5.13 | 5.22 | 5.31 | 5.40 | 5.48 | 5.45 | 5.42 | 5.39 | 5.34 | 5.37 | 5.42 | 5.46 | 5.51 | 5.57 | 5.53 |
| 90 | 3.14 | 3.13 | 3.12 | 3.10 | 3.12 | 3.17 | 3.22 | 3.26 | 3.31 | 3.27 | 3.23 | 3.20 | 3.16 | 3.13 | 3.11 | 3.08 | 3.06 | 3.04 | 3.00 |
| 95 | 2.82 | 2.82 | 2.81 | 2.81 | 2.80 | 2.79 | 2.78 | 2.77 | 2.76 | 2.73 | 2.70 | 2.68 | 2.65 | 2.62 | 2.59 | 2.56 | 2.53 | 2.49 | 2.47 |
| 100 | 2.37 | 2.46 | 2.43 | 2.36 | 2.34 | 2.33 | 2.29 | 2.23 | 2.29 | 2.24 | 2.12 | 2.22 | 2.20 | 2.05 | 2.00 | 1.98 | 2.08 | 2.12 | 2.05 |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | | | | | | | | | TYPE:Highbay | | | | | WEIGHT: | | | | |
| SPEC.:DIP120W | | | | | | | | | DIM.: D330 | | | | | SERIAL No.: | | | | |
| MFR.: Eastfield | | | | | | | | | SUR.:D270 | | | | | Shielding Angle: | | | | |

Table--3

UNIT: ×10cd

| γ (DEG) \ C (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 |
| 5 | 1139 | 1140 | 1141 | 1142 | 1143 | 1143 | 1144 | 1145 | 1146 | 1146 | 1147 | 1147 | 1148 | 1148 | 1149 | 1149 | 1149 | 1150 | 1150 |
| 10 | 1148 | 1149 | 1151 | 1152 | 1153 | 1154 | 1156 | 1157 | 1158 | 1158 | 1159 | 1160 | 1161 | 1161 | 1162 | 1163 | 1163 | 1163 | 1163 |
| 15 | 1160 | 1161 | 1162 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1170 | 1171 | 1172 | 1172 | 1172 | 1173 | 1173 | 1173 | 1173 |
| 20 | 1170 | 1171 | 1172 | 1173 | 1173 | 1174 | 1174 | 1175 | 1175 | 1175 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 |
| 25 | 1171 | 1172 | 1173 | 1173 | 1172 | 1171 | 1170 | 1169 | 1169 | 1169 | 1168 | 1168 | 1168 | 1167 | 1167 | 1166 | 1166 | 1165 | 1165 |
| 30 | 1132 | 1133 | 1133 | 1134 | 1134 | 1135 | 1135 | 1136 | 1136 | 1135 | 1134 | 1134 | 1134 | 1132 | 1131 | 1129 | 1129 | 1127 | 1126 |
| 35 | 986 | 985 | 983 | 982 | 981 | 980 | 980 | 979 | 979 | 978 | 978 | 978 | 977 | 975 | 973 | 971 | 970 | 968 | 967 |
| 40 | 709 | 707 | 706 | 705 | 704 | 703 | 703 | 702 | 701 | 701 | 701 | 700 | 700 | 699 | 697 | 696 | 695 | 694 | 693 |
| 45 | 445 | 444 | 443 | 442 | 440 | 437 | 435 | 433 | 432 | 432 | 432 | 431 | 431 | 432 | 432 | 433 | 433 | 432 | 431 |
| 50 | 254 | 254 | 254 | 254 | 253 | 252 | 250 | 249 | 249 | 250 | 250 | 250 | 250 | 250 | 250 | 251 | 251 | 250 | 249 |
| 55 | 134 | 134 | 134 | 134 | 131 | 129 | 128 | 126 | 126 | 127 | 127 | 128 | 127 | 127 | 126 | 125 | 123 | 124 | 124 |
| 60 | 87.2 | 87.2 | 87.2 | 87.0 | 86.5 | 86.0 | 85.6 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.0 | 84.9 | 84.9 | 84.8 | 84.1 | 83.3 |
| 65 | 58.4 | 57.9 | 57.4 | 57.2 | 57.3 | 57.4 | 57.5 | 57.6 | 57.5 | 57.5 | 57.5 | 57.5 | 57.3 | 57.0 | 56.7 | 56.3 | 55.9 | 55.4 | 55.0 |
| 70 | 39.7 | 39.0 | 38.4 | 38.2 | 38.5 | 38.8 | 39.2 | 39.6 | 39.5 | 39.5 | 39.4 | 39.4 | 39.3 | 39.3 | 39.2 | 39.0 | 38.9 | 38.8 | 38.7 |
| 75 | 28.4 | 27.8 | 27.3 | 27.1 | 27.1 | 27.1 | 27.2 | 27.2 | 27.2 | 27.1 | 27.1 | 27.0 | 26.8 | 26.5 | 26.2 | 25.9 | 25.5 | 26.0 | 26.4 |
| 80 | 15.0 | 15.1 | 15.2 | 15.3 | 15.3 | 15.3 | 15.4 | 15.4 | 15.7 | 16.0 | 16.3 | 16.6 | 16.9 | 17.1 | 17.2 | 17.4 | 17.7 | 17.8 | 18.0 |
| 85 | 5.49 | 5.46 | 5.42 | 5.39 | 5.42 | 5.43 | 5.44 | 5.45 | 5.50 | 5.53 | 5.57 | 5.61 | 5.63 | 5.62 | 5.62 | 5.61 | 5.59 | 5.65 | 5.71 |
| 90 | 2.96 | 2.92 | 2.88 | 2.86 | 2.85 | 2.85 | 2.84 | 2.84 | 2.86 | 2.88 | 2.90 | 2.92 | 2.92 | 2.91 | 2.89 | 2.88 | 2.86 | 2.90 | 2.94 |
| 95 | 2.44 | 2.42 | 2.39 | 2.37 | 2.36 | 2.35 | 2.34 | 2.34 | 2.35 | 2.37 | 2.39 | 2.40 | 2.41 | 2.42 | 2.43 | 2.44 | 2.44 | 2.47 | 2.50 |
| 100 | 1.94 | 1.93 | 1.95 | 2.09 | 2.11 | 2.00 | 2.11 | 2.15 | 2.11 | 2.18 | 2.24 | 2.27 | 2.29 | 2.36 | 2.38 | 2.30 | 2.58 | 2.34 | 2.45 |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--------------|--|--|--|--|--|------------------|--|--|
| Test:U:240.83V I:0.5213A P:122.06W PF:0.9723 Freq:49.99Hz Lamp Flux:21277.4x1 lm | | | | | | | | | | | | | | | | | |
| NAME: ECOHB200LSE5G7 with PC Reflector | | | | | | | | | TYPE:Highbay | | | | | | WEIGHT: | | |
| SPEC.:DIP120W | | | | | | | | | DIM.: D330 | | | | | | SERIAL No.: | | |
| MFR.: Eastfield | | | | | | | | | SUR.:D270 | | | | | | Shielding Angle: | | |

Table--4

UNIT: x10cd

| C(DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | 1137 | | | | |
| 5 | 1150 | 1150 | 1149 | 1149 | 1149 | 1149 | 1149 | 1148 | 1148 | 1148 | 1147 | 1146 | 1145 | 1143 | 1142 | | | | |
| 10 | 1163 | 1163 | 1163 | 1162 | 1162 | 1161 | 1161 | 1160 | 1160 | 1159 | 1158 | 1157 | 1155 | 1153 | 1151 | | | | |
| 15 | 1173 | 1173 | 1173 | 1173 | 1172 | 1172 | 1172 | 1171 | 1170 | 1169 | 1168 | 1166 | 1164 | 1162 | 1160 | | | | |
| 20 | 1176 | 1176 | 1176 | 1176 | 1176 | 1176 | 1177 | 1176 | 1175 | 1174 | 1173 | 1172 | 1170 | 1168 | 1166 | | | | |
| 25 | 1165 | 1164 | 1165 | 1165 | 1166 | 1167 | 1167 | 1167 | 1166 | 1165 | 1164 | 1163 | 1161 | 1159 | 1157 | | | | |
| 30 | 1125 | 1124 | 1124 | 1124 | 1125 | 1126 | 1126 | 1125 | 1124 | 1123 | 1121 | 1119 | 1115 | 1111 | 1107 | | | | |
| 35 | 965 | 964 | 964 | 966 | 967 | 969 | 970 | 970 | 969 | 968 | 967 | 964 | 958 | 953 | 947 | | | | |
| 40 | 692 | 691 | 691 | 692 | 693 | 694 | 695 | 696 | 696 | 696 | 696 | 692 | 685 | 677 | 670 | | | | |
| 45 | 430 | 430 | 430 | 432 | 434 | 436 | 438 | 438 | 438 | 438 | 438 | 436 | 432 | 429 | 425 | | | | |
| 50 | 248 | 247 | 248 | 249 | 251 | 253 | 254 | 254 | 254 | 254 | 255 | 253 | 251 | 248 | 246 | | | | |
| 55 | 123 | 123 | 123 | 123 | 123 | 123 | 123 | 125 | 126 | 128 | 130 | 130 | 130 | 130 | 130 | | | | |
| 60 | 82.5 | 81.8 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 82.1 | 82.9 | 83.6 | 84.3 | 84.7 | 84.8 | 84.9 | 84.9 | | | | |
| 65 | 54.4 | 53.9 | 53.6 | 53.5 | 53.5 | 53.5 | 53.5 | 54.3 | 55.0 | 55.8 | 56.6 | 57.1 | 57.2 | 57.3 | 57.4 | | | | |
| 70 | 38.5 | 38.3 | 38.1 | 37.9 | 37.7 | 37.4 | 37.2 | 37.8 | 38.4 | 39.0 | 39.6 | 39.9 | 39.8 | 39.7 | 39.5 | | | | |
| 75 | 26.8 | 27.2 | 27.3 | 27.3 | 27.2 | 27.1 | 27.0 | 27.4 | 27.8 | 28.2 | 28.6 | 29.0 | 29.6 | 30.1 | 30.7 | | | | |
| 80 | 18.2 | 18.4 | 18.6 | 18.6 | 18.6 | 18.6 | 18.6 | 18.4 | 18.1 | 17.9 | 17.6 | 17.2 | 16.5 | 15.8 | 15.0 | | | | |
| 85 | 5.76 | 5.81 | 5.86 | 5.88 | 5.92 | 5.95 | 5.96 | 5.96 | 5.95 | 5.95 | 5.93 | 5.89 | 5.78 | 5.67 | 5.56 | | | | |
| 90 | 2.97 | 3.01 | 3.06 | 3.13 | 3.20 | 3.27 | 3.34 | 3.37 | 3.41 | 3.44 | 3.47 | 3.46 | 3.40 | 3.34 | 3.29 | | | | |
| 95 | 2.52 | 2.55 | 2.60 | 2.66 | 2.73 | 2.80 | 2.87 | 2.92 | 2.97 | 3.02 | 3.09 | 3.11 | 3.11 | 3.12 | 3.12 | | | | |
| 100 | 2.53 | 2.51 | 2.53 | 2.57 | 2.57 | 2.55 | 2.66 | 2.67 | 2.60 | 2.76 | 2.79 | 2.67 | 2.66 | 2.67 | 2.80 | | | | |
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 110 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 115 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 120 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 130 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 135 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 140 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 145 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 150 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 155 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 160 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 165 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 170 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 175 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |
| 180 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:01
 Test Date:2023-03-02

γ Range: 0 - 100DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:8.750m [K=1.0000]
 Remarks: