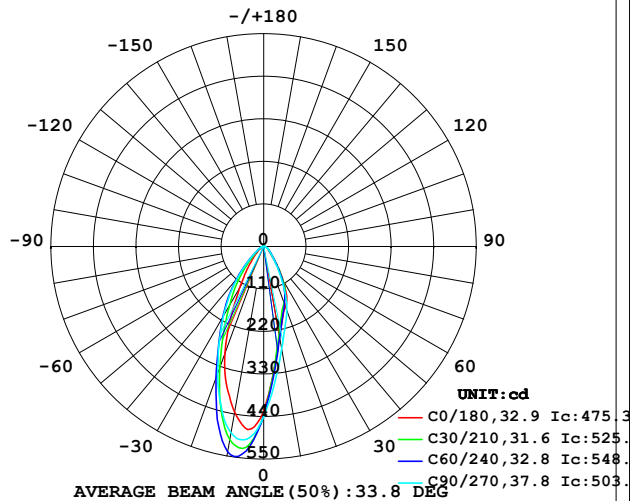


LUMINAIRE PHOTOMETRIC TEST REPORT

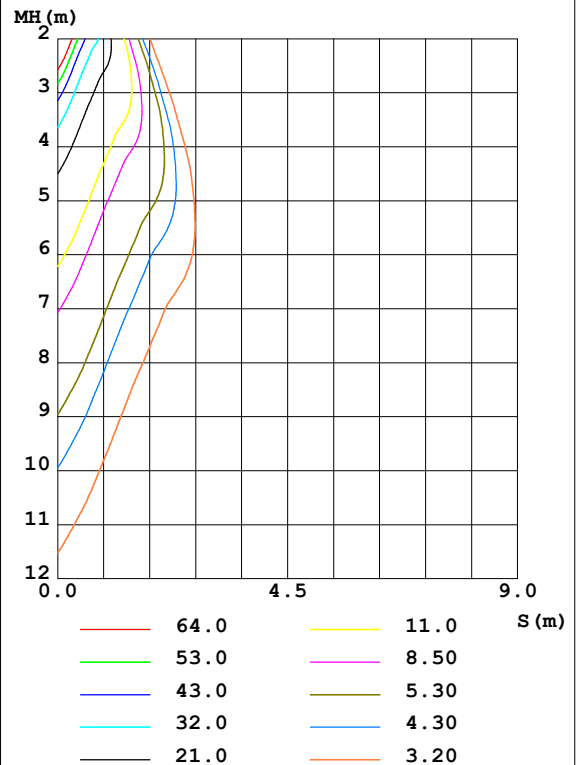
| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 81.96 lm/W |
|-------------------|--------|-----------------------|--------|---------------------|-----------|-----------------|
| MODEL | 3535 | I _{max} (cd) | 548.0 | S/MH (C0/180) | 0.75 | |
| NOMINAL POWER (W) | 23 | LOR (%) | 100.0 | S/MH (C90/270) | 0.89 | |
| RATED VOLTAGE (V) | 24 | TOTAL FLUX (lm) | 330.48 | η UP, DN (C0-180) | 1.8, 36.8 | |
| NOMINAL FLUX (lm) | 330.47 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 1.2, 60.2 | |
| LAMPS INSIDE | 1 | η up (%) | 3.0 | CIBSE SHR NOM | 0.50 | |
| TEST VOLTAGE (V) | 24 | η down (%) | 97.0 | CIBSE SHR MAX | 0.65 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [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 | 236.6 | 235.3 | 269.1 | 323.0 | 435.0 | 522.7 | 489.6 | 334.5 | 0- 10 | 37.27 | 37.27 | 11.3,11.3 |
| 20 | 166.5 | 155.9 | 174.9 | 214.2 | 292.9 | 346.7 | 348.4 | 248.8 | 10- 20 | 82.99 | 120.3 | 36.4,36.4 |
| 30 | 100.8 | 95.62 | 86.81 | 84.95 | 125.8 | 194.8 | 208.8 | 139.3 | 20- 30 | 84.06 | 204.3 | 61.8,61.8 |
| 40 | 37.01 | 39.82 | 37.47 | 33.31 | 50.12 | 95.33 | 104.9 | 52.07 | 30- 40 | 54.57 | 258.9 | 78.3,78.3 |
| 50 | 18.41 | 20.79 | 20.23 | 17.79 | 21.19 | 33.67 | 38.26 | 22.65 | 40- 50 | 28.52 | 287.4 | 87,87 |
| 60 | 11.88 | 13.59 | 12.56 | 11.27 | 11.20 | 13.94 | 16.02 | 12.48 | 50- 60 | 15.65 | 303.1 | 91.7,91.7 |
| 70 | 7.663 | 8.388 | 7.605 | 6.823 | 6.202 | 6.891 | 7.900 | 7.025 | 60- 70 | 9.767 | 312.8 | 94.7,94.7 |
| 80 | 4.220 | 4.282 | 3.626 | 3.436 | 2.676 | 2.701 | 2.933 | 3.176 | 70- 80 | 5.536 | 318.4 | 96.3,96.3 |
| 90 | 1.715 | 1.576 | 1.340 | 1.576 | 0.8456 | 0.6904 | 0.3445 | 0.6711 | 80- 90 | 2.212 | 320.6 | 97,97 |
| 100 | 1.292 | 1.329 | 1.342 | 1.514 | 0.8747 | 0.7012 | 0.4419 | 0.5152 | 90-100 | 1.101 | 321.7 | 97.3,97.3 |
| 110 | 1.302 | 1.387 | 1.463 | 1.521 | 1.030 | 0.8644 | 0.6230 | 0.7011 | 100-110 | 1.112 | 322.8 | 97.7,97.7 |
| 120 | 1.437 | 1.628 | 1.729 | 1.651 | 1.262 | 1.106 | 0.9243 | 1.025 | 110-120 | 1.205 | 324.0 | 98,98 |
| 130 | 1.814 | 2.038 | 2.126 | 1.983 | 1.589 | 1.420 | 1.286 | 1.430 | 120-130 | 1.361 | 325.4 | 98.4,98.5 |
| 140 | 2.286 | 2.448 | 2.533 | 2.407 | 1.981 | 1.809 | 1.688 | 1.837 | 130-140 | 1.483 | 326.8 | 98.9,98.9 |
| 150 | 2.668 | 2.711 | 2.800 | 2.779 | 2.287 | 2.171 | 2.070 | 2.174 | 140-150 | 1.442 | 328.3 | 99.3,99.3 |
| 160 | 2.763 | 2.760 | 2.876 | 2.973 | 2.448 | 2.425 | 2.372 | 2.392 | 150-160 | 1.180 | 329.5 | 99.7,99.7 |
| 170 | 2.749 | 2.776 | 2.879 | 2.976 | 2.604 | 2.636 | 2.613 | 2.586 | 160-170 | 0.7587 | 330.2 | 99.9,99.9 |
| 180 | 2.709 | 2.817 | 2.865 | 2.895 | 2.704 | 2.807 | 2.855 | 2.862 | 170-180 | 0.2641 | 330.5 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 275.54 lm

%lum = 83.4%

%lamp = 83.4%

Conical surface Flux(120deg): 303.06 lm

%lum = 91.7%

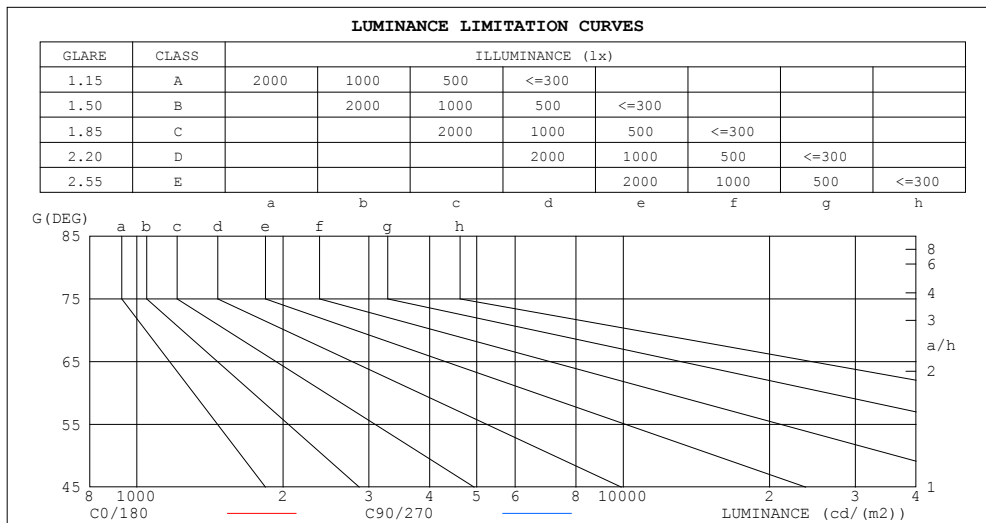
%lamp = 91.7%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 320 | 242 |
| 80 | 243 | 209 |
| 75 | 227 | 213 |
| 70 | 224 | 222 |
| 65 | 229 | 235 |
| 60 | 238 | 251 |
| 55 | 253 | 276 |
| 50 | 286 | 315 |
| 45 | 352 | 379 |

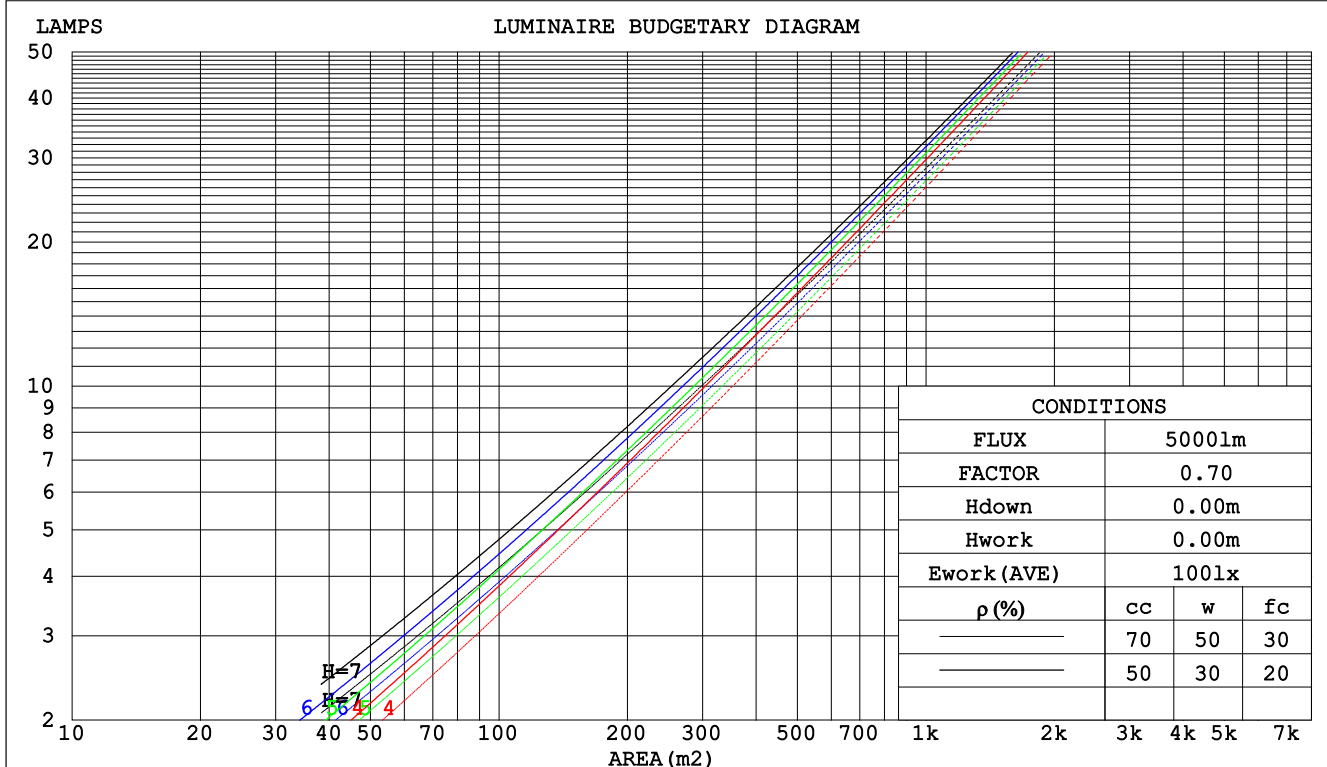
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | 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 | 1.18 | 1.18 | 1.18 | 1.15 | 1.15 | 1.15 | 1.09 | 1.09 | 1.09 | 1.04 | 1.04 | 1.04 | .99 | .99 | .99 | .97 |
| 1.0 | 1.08 | 1.06 | 1.03 | 1.06 | 1.03 | 1.01 | 1.01 | .99 | .97 | .97 | .95 | .94 | .93 | .92 | .91 | .89 |
| 2.0 | .00 | .95 | .91 | .98 | .93 | .90 | .94 | .90 | .87 | .90 | .88 | .85 | .87 | .85 | .83 | .81 |
| 3.0 | .92 | .86 | .82 | .90 | .85 | .81 | .87 | .83 | .79 | .84 | .81 | .78 | .82 | .79 | .76 | .74 |
| 4.0 | .85 | .79 | .74 | .84 | .78 | .74 | .81 | .76 | .72 | .79 | .75 | .71 | .77 | .73 | .70 | .68 |
| 5.0 | .79 | .73 | .68 | .78 | .72 | .68 | .76 | .71 | .67 | .74 | .69 | .66 | .72 | .68 | .65 | .63 |
| 6.0 | .74 | .68 | .63 | .73 | .67 | .62 | .71 | .66 | .62 | .69 | .65 | .61 | .68 | .64 | .60 | .59 |
| 7.0 | .69 | .63 | .58 | .69 | .62 | .58 | .67 | .62 | .58 | .65 | .61 | .57 | .64 | .60 | .57 | .55 |
| 8.0 | .65 | .59 | .54 | .65 | .58 | .54 | .63 | .58 | .54 | .62 | .57 | .53 | .61 | .56 | .53 | .51 |
| 9.0 | .62 | .55 | .51 | .61 | .55 | .51 | .60 | .54 | .51 | .59 | .54 | .50 | .58 | .53 | .50 | .48 |
| 10.0 | .58 | .52 | .48 | .58 | .52 | .48 | .57 | .51 | .48 | .56 | .51 | .47 | .55 | .50 | .47 | .46 |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

WEC AND CCEC

| | | | | | |
|--|--|--|---------------------|--|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | | | | |
| NAME: LED Wall Grazer | | | TYPE: | | WEIGHT: |
| SPEC.: | | | DIM.: 18.5MM*18.5MM | | SERIAL No.: |
| MFR.: | | | SUR.:1.0*0.0185 | | 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 | .208 | .118 | .038 | .201 | .114 | .036 | .186 | .107 | .034 | .173 | .100 | .032 | .161 | .093 | .030 | |
| 2.0 | .197 | .108 | .033 | .190 | .105 | .032 | .178 | .099 | .031 | .166 | .093 | .029 | .156 | .088 | .028 | |
| 3.0 | .185 | .098 | .029 | .179 | .096 | .029 | .169 | .091 | .028 | .159 | .087 | .027 | .149 | .083 | .026 | |
| 4.0 | .174 | .090 | .027 | .169 | .088 | .026 | .159 | .085 | .025 | .151 | .081 | .024 | .143 | .077 | .024 | |
| 5.0 | .164 | .084 | .024 | .159 | .082 | .024 | .151 | .079 | .023 | .143 | .076 | .022 | .136 | .073 | .022 | |
| 6.0 | .155 | .078 | .022 | .151 | .076 | .022 | .143 | .073 | .021 | .136 | .071 | .021 | .130 | .068 | .020 | |
| 7.0 | .146 | .072 | .021 | .143 | .071 | .020 | .136 | .069 | .020 | .130 | .067 | .019 | .124 | .065 | .019 | |
| 8.0 | .139 | .068 | .019 | .136 | .067 | .019 | .130 | .065 | .019 | .124 | .063 | .018 | .119 | .061 | .018 | |
| 9.0 | .132 | .064 | .018 | .129 | .063 | .018 | .124 | .061 | .017 | .119 | .060 | .017 | .114 | .058 | .017 | |
| 10.0 | .126 | .060 | .017 | .123 | .060 | .017 | .118 | .058 | .016 | .114 | .056 | .016 | .109 | .055 | .016 | |

| 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 | .213 | .213 | .213 | .182 | .182 | .182 | .124 | .124 | .124 | .071 | .071 | .071 | .023 | .023 | .023 | |
| 1.0 | .196 | .180 | .165 | .168 | .155 | .142 | .115 | .106 | .098 | .066 | .062 | .057 | .021 | .020 | .019 | |
| 2.0 | .183 | .156 | .133 | .157 | .134 | .115 | .107 | .093 | .080 | .062 | .054 | .047 | .020 | .017 | .015 | |
| 3.0 | .171 | .137 | .110 | .147 | .118 | .095 | .101 | .082 | .067 | .058 | .048 | .039 | .019 | .016 | .013 | |
| 4.0 | .162 | .123 | .093 | .139 | .106 | .081 | .095 | .074 | .057 | .055 | .043 | .034 | .018 | .014 | .011 | |
| 5.0 | .153 | .111 | .081 | .132 | .096 | .070 | .091 | .067 | .049 | .053 | .040 | .029 | .017 | .013 | .010 | |
| 6.0 | .146 | .102 | .071 | .125 | .089 | .062 | .086 | .062 | .044 | .050 | .037 | .026 | .016 | .012 | .009 | |
| 7.0 | .139 | .095 | .064 | .120 | .082 | .056 | .083 | .058 | .039 | .048 | .034 | .024 | .016 | .011 | .008 | |
| 8.0 | .133 | .089 | .058 | .115 | .077 | .051 | .079 | .054 | .036 | .046 | .032 | .021 | .015 | .010 | .007 | |
| 9.0 | .128 | .084 | .054 | .110 | .073 | .047 | .076 | .051 | .033 | .045 | .030 | .020 | .014 | .010 | .007 | |
| 10.0 | .123 | .079 | .050 | .106 | .069 | .044 | .074 | .049 | .031 | .043 | .029 | .019 | .014 | .009 | .006 | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|------------------|------|------|------|------|---------------------|------|------------------|------|------|------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | | | | | | | | | | |
| NAME: LED Wall Grazer | | | | | | TYPE: | | WEIGHT: | | | |
| SPEC.: | | | | | | DIM.: 18.5MM*18.5MM | | SERIAL No.: | | | |
| MFR.: | | | | | | SUR.:1.0*0.0185 | | 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 | 8.7 | 9.7 | 8.9 | 9.9 | 10.2 | 8.9 | 9.9 | 9.1 | 10.1 | 10.3 | |
| | 3H | 9.7 | 10.7 | 10.0 | 10.9 | 11.2 | 9.9 | 10.8 | 10.2 | 11.1 | 11.3 |
| | 4H | 10.2 | 11.1 | 10.6 | 11.4 | 11.7 | 10.3 | 11.2 | 10.6 | 11.5 | 11.8 |
| | 6H | 10.7 | 11.6 | 11.1 | 11.9 | 12.2 | 10.7 | 11.5 | 11.0 | 11.8 | 12.1 |
| | 8H | 11.0 | 11.8 | 11.3 | 12.1 | 12.4 | 10.9 | 11.7 | 11.2 | 12.0 | 12.3 |
| | 12H | 11.2 | 12.0 | 11.6 | 12.3 | 12.7 | 11.0 | 11.8 | 11.4 | 12.1 | 12.4 |
| 4H | 2H | 9.1 | 10.0 | 9.4 | 10.3 | 10.6 | 9.3 | 10.2 | 9.6 | 10.4 | 10.7 |
| | 3H | 10.4 | 11.2 | 10.8 | 11.5 | 11.9 | 10.5 | 11.3 | 10.9 | 11.6 | 12.0 |
| | 4H | 11.1 | 11.8 | 11.5 | 12.2 | 12.5 | 11.1 | 11.8 | 11.5 | 12.2 | 12.6 |
| | 6H | 11.8 | 12.4 | 12.2 | 12.8 | 13.2 | 11.6 | 12.3 | 12.1 | 12.7 | 13.1 |
| | 8H | 12.1 | 12.7 | 12.5 | 13.1 | 13.5 | 11.9 | 12.4 | 12.3 | 12.9 | 13.3 |
| | 12H | 12.4 | 12.9 | 12.9 | 13.4 | 13.8 | 12.1 | 12.6 | 12.5 | 13.0 | 13.5 |
| 8H | 4H | 11.4 | 11.9 | 11.8 | 12.3 | 12.8 | 11.4 | 12.0 | 11.8 | 12.4 | 12.8 |
| | 6H | 12.2 | 12.7 | 12.7 | 13.1 | 13.6 | 12.1 | 12.6 | 12.6 | 13.0 | 13.5 |
| | 8H | 12.7 | 13.1 | 13.2 | 13.6 | 14.1 | 12.4 | 12.8 | 12.9 | 13.3 | 13.8 |
| | 12H | 13.1 | 13.5 | 13.7 | 14.0 | 14.5 | 12.7 | 13.1 | 13.3 | 13.6 | 14.1 |
| 12H | 4H | 11.4 | 11.9 | 11.8 | 12.3 | 12.8 | 11.4 | 11.9 | 11.9 | 12.4 | 12.8 |
| | 6H | 12.3 | 12.7 | 12.8 | 13.2 | 13.7 | 12.2 | 12.6 | 12.7 | 13.1 | 13.6 |
| | 8H | 12.8 | 13.2 | 13.3 | 13.7 | 14.2 | 12.6 | 12.9 | 13.1 | 13.4 | 14.0 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.3 / - 0.4 | | | | | + 0.3 / - 0.4 | | | | | |
| 1.5H | + 0.4 / - 0.4 | | | | | + 0.4 / - 0.3 | | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.4 / - 0.5 | | | | | |

CIE Pub.117, 330.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.8)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

| 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) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 78 | 70 | 66 | 77 | 70 | 65 | 76 | 69 | 65 | 61 |
| 0.80 | 86 | 79 | 74 | 85 | 78 | 74 | 84 | 78 | 73 | 69 |
| 1.00 | 92 | 85 | 80 | 91 | 84 | 80 | 89 | 84 | 79 | 74 |
| 1.25 | 97 | 90 | 86 | 95 | 89 | 85 | 93 | 88 | 84 | 79 |
| 1.50 | 100 | 94 | 90 | 99 | 93 | 89 | 96 | 91 | 88 | 82 |
| 2.00 | 104 | 99 | 94 | 102 | 97 | 94 | 99 | 95 | 92 | 85 |
| 2.50 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 97 | 94 | 87 |
| 3.00 | 108 | 104 | 100 | 106 | 102 | 99 | 102 | 99 | 96 | 89 |
| 4.00 | 111 | 107 | 104 | 108 | 105 | 103 | 104 | 102 | 100 | 91 |
| 5.00 | 112 | 109 | 107 | 110 | 107 | 105 | 105 | 103 | 101 | 93 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | Suspended | | | | SHRNM = 1.25 | | |

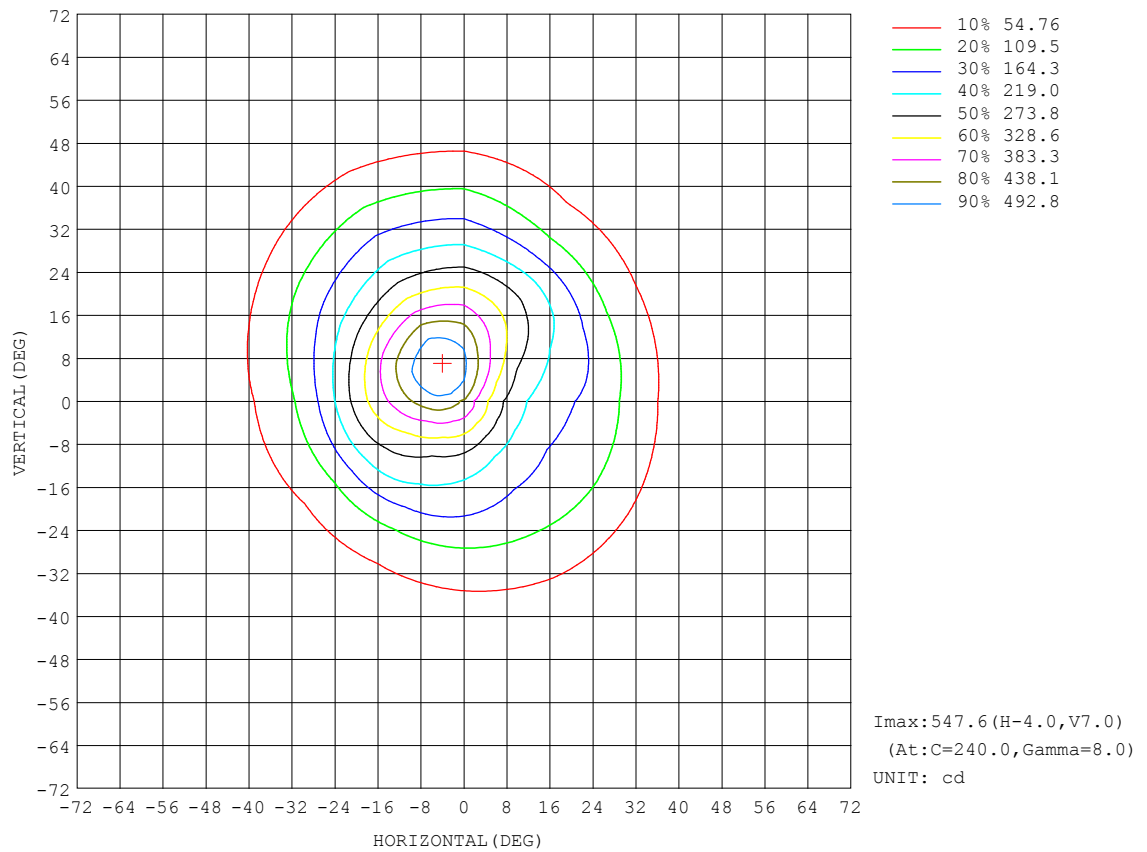
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

```

ISOCANDELA DIAGRAM

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |

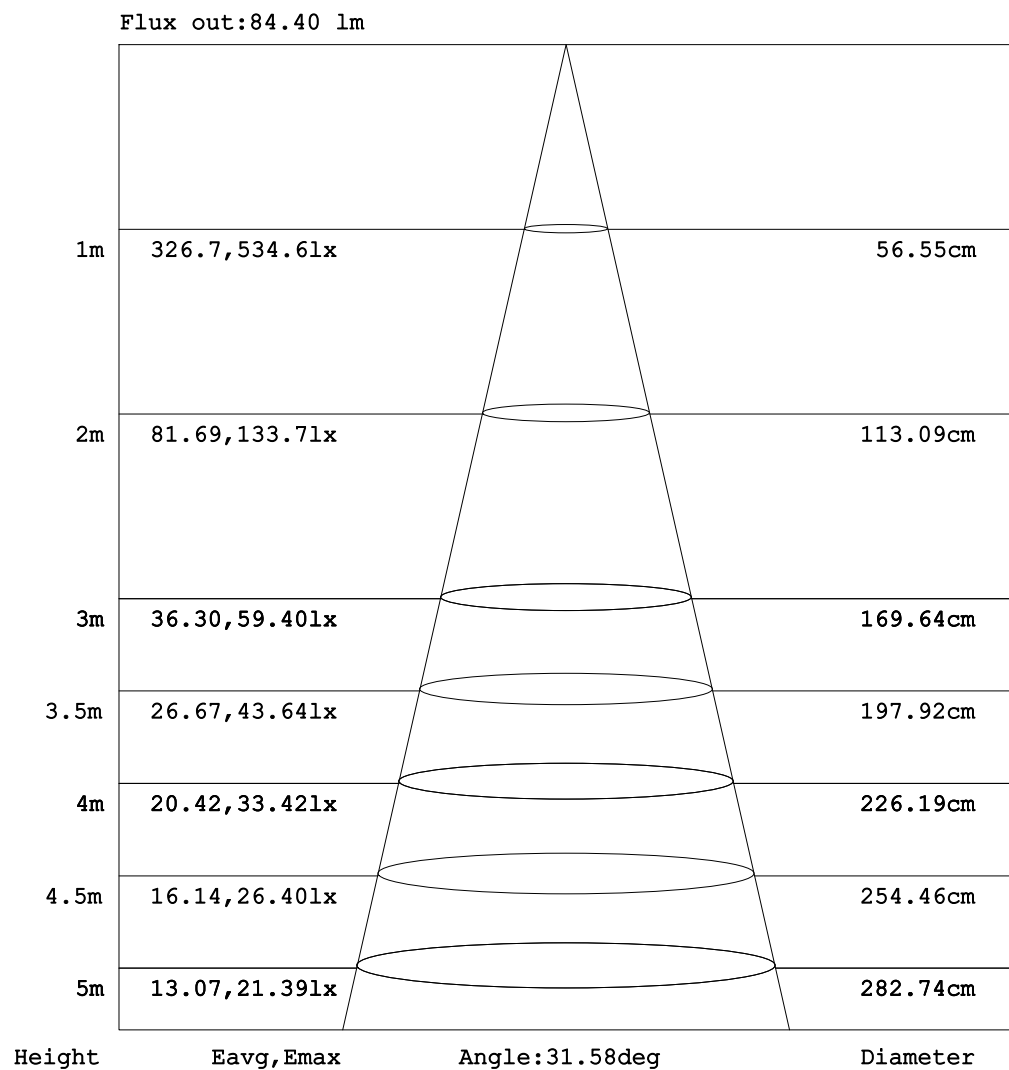


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |



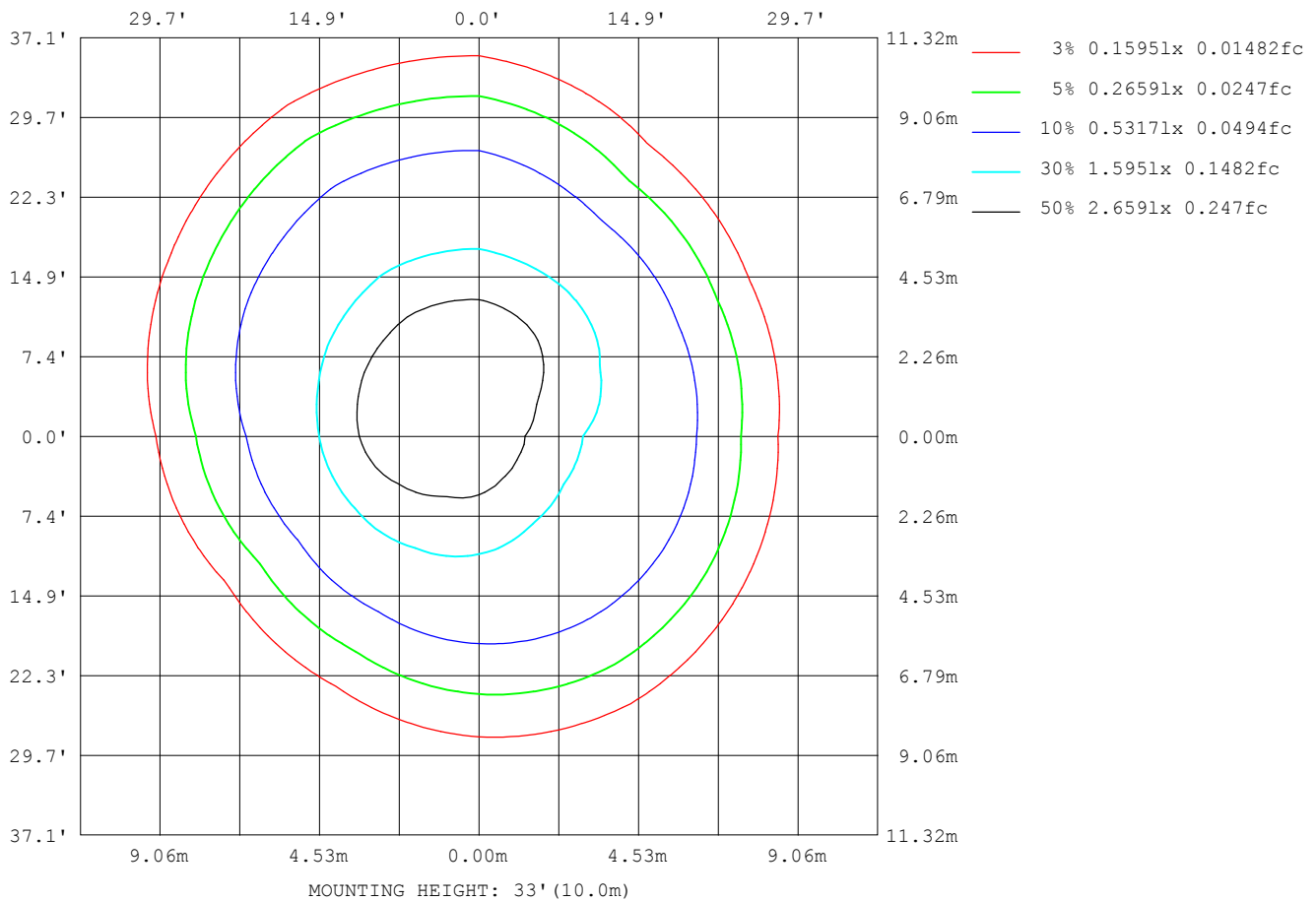
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |

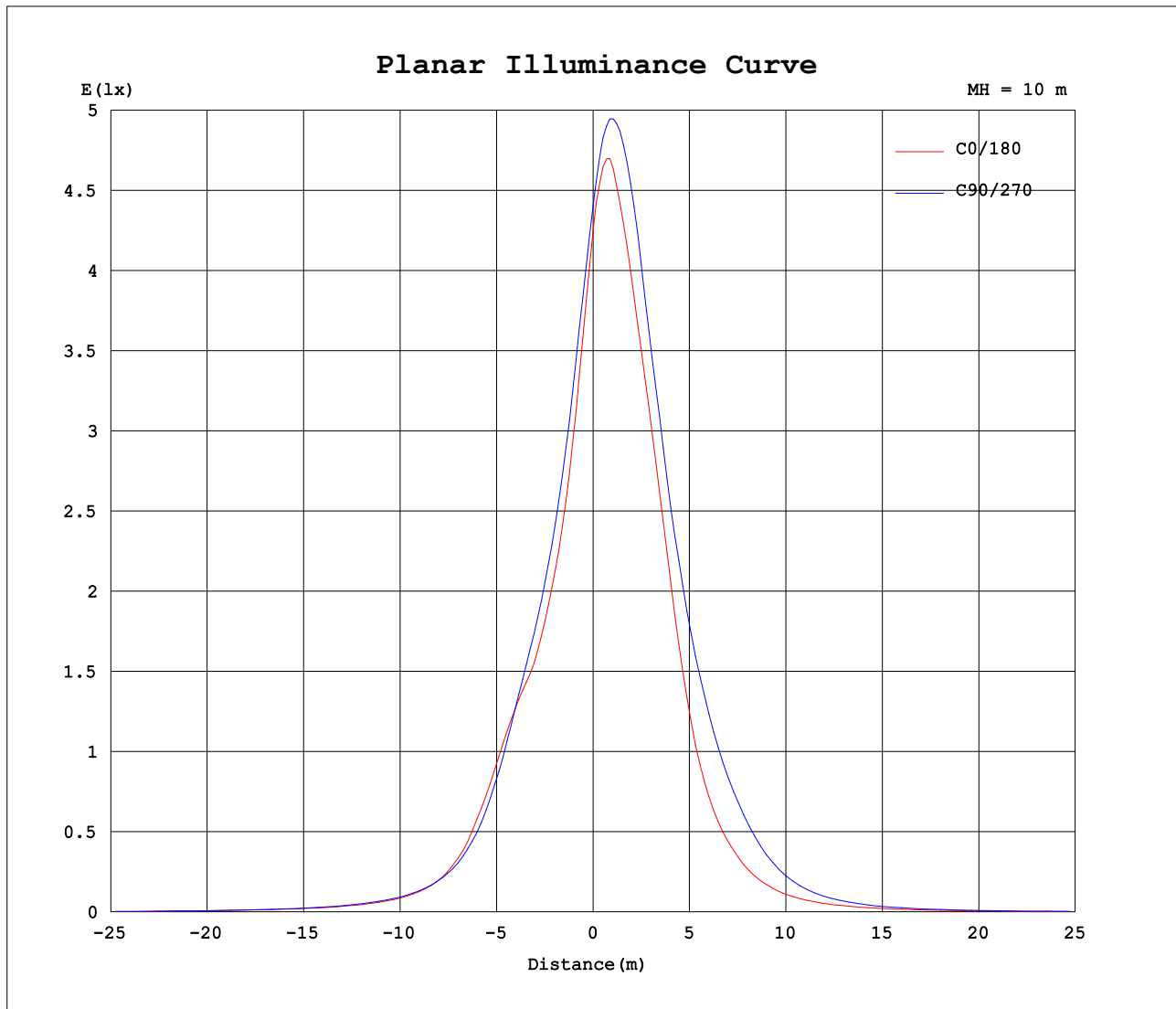
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 214 |
| L_0~180 (75) av | 196 |
| L_0~180 (85) av | 243 |
| L_90~270 (65) av | 250 |
| L_90~270 (75) av | 207 |
| L_90~270 (85) av | 188 |
| L_45 (65) av | 231 |
| L_45 (75) av | 200 |
| L_45 (85) av | 226 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2023-07-26

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------------|------------------|
| Test:U:24.00V I:0.1680A P:4.032W PF:1.000 Freq:0Hz Lamp Flux:330.47x1 lm | | |
| NAME: LED Wall Grazer | TYPE: | WEIGHT: |
| SPEC.: | DIM.: 18.5MM*18.5MM | SERIAL No.: |
| MFR.: | SUR.:1.0*0.0185 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 425 | 436 | 437 | 441 | 436 | 431 | 425 | 436 | 437 | 441 | 436 | 431 | | | | | | | |
| 5 | 316 | 317 | 323 | 349 | 372 | 419 | 475 | 521 | 531 | 500 | 431 | 361 | | | | | | | |
| 10 | 237 | 231 | 240 | 269 | 295 | 351 | 435 | 507 | 538 | 490 | 382 | 287 | | | | | | | |
| 15 | 191 | 181 | 189 | 216 | 242 | 294 | 371 | 429 | 464 | 427 | 336 | 244 | | | | | | | |
| 20 | 167 | 154 | 157 | 175 | 193 | 235 | 293 | 333 | 361 | 348 | 289 | 208 | | | | | | | |
| 25 | 141 | 132 | 128 | 130 | 132 | 155 | 201 | 245 | 275 | 273 | 231 | 172 | | | | | | | |
| 30 | 101 | 98.5 | 92.7 | 86.8 | 80.2 | 89.7 | 126 | 178 | 212 | 209 | 159 | 120 | | | | | | | |
| 35 | 61.3 | 63.3 | 61.9 | 56.0 | 49.1 | 53.4 | 80.5 | 127 | 159 | 153 | 98.1 | 74.0 | | | | | | | |
| 40 | 37.0 | 39.1 | 40.6 | 37.5 | 32.6 | 34.0 | 50.1 | 81.4 | 109 | 105 | 60.0 | 44.1 | | | | | | | |
| 45 | 24.9 | 26.6 | 28.4 | 26.8 | 23.4 | 23.4 | 31.8 | 48.3 | 66.5 | 64.4 | 37.9 | 28.2 | | | | | | | |
| 50 | 18.4 | 20.1 | 21.5 | 20.2 | 18.0 | 17.6 | 21.2 | 28.9 | 38.4 | 38.3 | 25.3 | 20.0 | | | | | | | |
| 55 | 14.5 | 16.2 | 17.0 | 15.8 | 14.4 | 13.9 | 15.1 | 18.5 | 23.2 | 23.8 | 17.9 | 15.0 | | | | | | | |
| 60 | 11.9 | 13.4 | 13.8 | 12.6 | 11.6 | 11.0 | 11.2 | 12.7 | 15.2 | 16.0 | 13.3 | 11.7 | | | | | | | |
| 65 | 9.67 | 10.8 | 10.9 | 9.92 | 9.10 | 8.65 | 8.42 | 9.12 | 10.5 | 11.2 | 9.92 | 9.02 | | | | | | | |
| 70 | 7.66 | 8.40 | 8.38 | 7.61 | 6.95 | 6.69 | 6.20 | 6.52 | 7.27 | 7.90 | 7.25 | 6.80 | | | | | | | |
| 75 | 5.87 | 6.30 | 6.10 | 5.51 | 5.08 | 4.98 | 4.30 | 4.38 | 4.75 | 5.19 | 5.01 | 4.92 | | | | | | | |
| 80 | 4.22 | 4.44 | 4.13 | 3.63 | 3.43 | 3.45 | 2.68 | 2.65 | 2.75 | 2.93 | 3.11 | 3.24 | | | | | | | |
| 85 | 2.79 | 2.85 | 2.51 | 2.11 | 2.13 | 2.25 | 1.46 | 1.38 | 1.22 | 1.17 | 1.54 | 1.81 | | | | | | | |
| 90 | 1.72 | 1.67 | 1.48 | 1.34 | 1.52 | 1.63 | 0.85 | 0.76 | 0.62 | 0.34 | 0.52 | 0.82 | | | | | | | |
| 95 | 1.34 | 1.36 | 1.33 | 1.31 | 1.48 | 1.57 | 0.80 | 0.76 | 0.60 | 0.35 | 0.44 | 0.53 | | | | | | | |
| 100 | 1.29 | 1.33 | 1.33 | 1.34 | 1.47 | 1.56 | 0.87 | 0.75 | 0.65 | 0.44 | 0.50 | 0.53 | | | | | | | |
| 105 | 1.29 | 1.34 | 1.34 | 1.38 | 1.47 | 1.56 | 0.95 | 0.82 | 0.73 | 0.52 | 0.58 | 0.61 | | | | | | | |
| 110 | 1.30 | 1.38 | 1.40 | 1.46 | 1.48 | 1.56 | 1.03 | 0.91 | 0.81 | 0.62 | 0.69 | 0.71 | | | | | | | |
| 115 | 1.31 | 1.47 | 1.51 | 1.58 | 1.52 | 1.59 | 1.14 | 1.01 | 0.92 | 0.77 | 0.82 | 0.86 | | | | | | | |
| 120 | 1.44 | 1.60 | 1.66 | 1.73 | 1.64 | 1.66 | 1.26 | 1.16 | 1.05 | 0.92 | 0.99 | 1.06 | | | | | | | |
| 125 | 1.60 | 1.79 | 1.85 | 1.93 | 1.81 | 1.78 | 1.41 | 1.28 | 1.21 | 1.09 | 1.18 | 1.26 | | | | | | | |
| 130 | 1.81 | 2.02 | 2.06 | 2.13 | 2.01 | 1.95 | 1.59 | 1.45 | 1.39 | 1.29 | 1.38 | 1.48 | | | | | | | |
| 135 | 2.05 | 2.25 | 2.29 | 2.34 | 2.22 | 2.15 | 1.79 | 1.64 | 1.58 | 1.49 | 1.59 | 1.68 | | | | | | | |
| 140 | 2.29 | 2.45 | 2.45 | 2.53 | 2.44 | 2.37 | 1.98 | 1.84 | 1.78 | 1.69 | 1.79 | 1.88 | | | | | | | |
| 145 | 2.50 | 2.62 | 2.61 | 2.68 | 2.63 | 2.59 | 2.15 | 2.02 | 1.97 | 1.89 | 1.99 | 2.05 | | | | | | | |
| 150 | 2.67 | 2.73 | 2.69 | 2.80 | 2.78 | 2.77 | 2.29 | 2.18 | 2.16 | 2.07 | 2.15 | 2.20 | | | | | | | |
| 155 | 2.75 | 2.75 | 2.74 | 2.87 | 2.88 | 2.93 | 2.37 | 2.30 | 2.32 | 2.22 | 2.28 | 2.30 | | | | | | | |
| 160 | 2.76 | 2.76 | 2.76 | 2.88 | 2.94 | 3.01 | 2.45 | 2.40 | 2.45 | 2.37 | 2.40 | 2.39 | | | | | | | |
| 165 | 2.76 | 2.76 | 2.77 | 2.88 | 2.95 | 3.01 | 2.52 | 2.50 | 2.57 | 2.49 | 2.51 | 2.46 | | | | | | | |
| 170 | 2.75 | 2.76 | 2.79 | 2.88 | 2.95 | 3.01 | 2.60 | 2.60 | 2.67 | 2.61 | 2.62 | 2.55 | | | | | | | |
| 175 | 2.71 | 2.78 | 2.82 | 2.87 | 2.94 | 2.94 | 2.67 | 2.69 | 2.78 | 2.72 | 2.76 | 2.69 | | | | | | | |
| 180 | 2.71 | 2.78 | 2.85 | 2.86 | 2.89 | 2.89 | 2.70 | 2.77 | 2.84 | 2.85 | 2.85 | 2.87 | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Photometric Data Table [cd]

| G/C | 0.0 | 30.0 | 60.0 | 90.0 | 120.0 | 150.0 | 180.0 | 210.0 | 240.0 | 270.0 |
|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 0.0 | 425.1 | 436.3 | 437.0 | 440.6 | 436.1 | 431.0 | 425.1 | 436.3 | 437.0 | 440.6 |
| 3.0 | 359.8 | 361.8 | 366.5 | 385.1 | 402.0 | 433.5 | 466.7 | 497.1 | 500.1 | 485.1 |
| 6.0 | 297.7 | 296.0 | 303.8 | 330.1 | 356.1 | 405.6 | 471.2 | 525.6 | 540.4 | 502.9 |
| 9.0 | 249.7 | 245.0 | 253.7 | 282.8 | 309.5 | 363.8 | 445.3 | 515.2 | 545.1 | 496.4 |
| 12.0 | 216.3 | 205.8 | 216.1 | 244.4 | 270.4 | 326.7 | 409.9 | 481.6 | 514.4 | 470.0 |
| 15.0 | 191.0 | 181.3 | 189.0 | 215.6 | 242.1 | 294.3 | 371.2 | 429.5 | 463.9 | 427.2 |
| 18.0 | 173.1 | 163.4 | 169.4 | 191.1 | 215.1 | 261.5 | 327.1 | 371.7 | 400.4 | 381.0 |
| 21.0 | 163.2 | 150.7 | 151.6 | 167.2 | 181.4 | 220.0 | 275.2 | 313.0 | 342.0 | 331.6 |
| 24.0 | 148.1 | 137.9 | 134.5 | 140.3 | 144.7 | 171.0 | 219.3 | 260.4 | 289.9 | 287.6 |
| 27.0 | 125.4 | 120.9 | 114.1 | 112.3 | 108.8 | 125.3 | 166.8 | 216.6 | 248.2 | 244.5 |
| 30.0 | 100.8 | 98.53 | 92.71 | 86.81 | 80.22 | 89.69 | 125.8 | 177.8 | 211.9 | 208.8 |
| 33.0 | 74.73 | 76.03 | 73.16 | 67.04 | 59.34 | 64.63 | 95.48 | 146.0 | 179.3 | 173.9 |
| 36.0 | 55.20 | 57.10 | 56.78 | 51.32 | 44.98 | 48.32 | 73.44 | 117.3 | 148.7 | 143.1 |
| 39.0 | 40.54 | 42.89 | 43.88 | 40.54 | 35.11 | 37.11 | 54.90 | 89.66 | 118.7 | 114.0 |
| 42.0 | 31.24 | 33.21 | 34.86 | 32.57 | 28.26 | 28.97 | 41.88 | 65.83 | 90.81 | 86.84 |
| 45.0 | 24.90 | 26.59 | 28.41 | 26.80 | 23.36 | 23.43 | 31.84 | 48.29 | 66.54 | 64.39 |
| 48.0 | 20.62 | 22.26 | 23.84 | 22.58 | 19.87 | 19.61 | 24.77 | 35.19 | 47.93 | 46.95 |
| 51.0 | 17.44 | 19.14 | 20.44 | 19.27 | 17.16 | 16.76 | 19.70 | 26.24 | 34.57 | 34.55 |
| 54.0 | 15.17 | 16.89 | 17.80 | 16.63 | 15.02 | 14.51 | 16.10 | 20.12 | 25.39 | 26.09 |
| 57.0 | 13.33 | 14.98 | 15.66 | 14.43 | 13.20 | 12.63 | 13.35 | 15.83 | 19.35 | 20.23 |
| 60.0 | 11.88 | 13.38 | 13.79 | 12.56 | 11.55 | 10.98 | 11.20 | 12.69 | 15.19 | 16.02 |
| 63.0 | 10.55 | 11.75 | 12.03 | 10.93 | 10.03 | 9.565 | 9.447 | 10.33 | 12.19 | 12.97 |
| 66.0 | 9.257 | 10.28 | 10.40 | 9.445 | 8.644 | 8.229 | 7.911 | 8.474 | 9.768 | 10.53 |
| 69.0 | 8.051 | 8.861 | 8.861 | 8.042 | 7.362 | 7.078 | 6.624 | 6.929 | 7.864 | 8.484 |
| 72.0 | 6.925 | 7.510 | 7.429 | 6.726 | 6.192 | 5.983 | 5.408 | 5.578 | 6.196 | 6.750 |
| 75.0 | 5.869 | 6.299 | 6.101 | 5.510 | 5.080 | 4.983 | 4.299 | 4.381 | 4.750 | 5.186 |
| 78.0 | 4.854 | 5.174 | 4.874 | 4.334 | 4.054 | 4.023 | 3.299 | 3.315 | 3.504 | 3.778 |
| 81.0 | 3.918 | 4.098 | 3.778 | 3.284 | 3.129 | 3.159 | 2.394 | 2.369 | 2.403 | 2.531 |
| 84.0 | 3.049 | 3.153 | 2.798 | 2.380 | 2.345 | 2.451 | 1.646 | 1.575 | 1.484 | 1.471 |
| 87.0 | 2.290 | 2.310 | 1.993 | 1.547 | 1.771 | 1.924 | 1.109 | 1.007 | 0.7975 | 0.6053 |
| 90.0 | 1.715 | 1.673 | 1.479 | 1.340 | 1.518 | 1.633 | 0.8456 | 0.7591 | 0.6217 | 0.3445 |
| 93.0 | 1.418 | 1.367 | 1.342 | 1.307 | 1.493 | 1.583 | 0.8208 | 0.7574 | 0.5830 | 0.3506 |
| 96.0 | 1.322 | 1.350 | 1.328 | 1.317 | 1.473 | 1.568 | 0.8143 | 0.7556 | 0.6082 | 0.3567 |
| 99.0 | 1.292 | 1.333 | 1.330 | 1.327 | 1.469 | 1.562 | 0.8596 | 0.7538 | 0.6384 | 0.4018 |
| 102.0 | 1.284 | 1.327 | 1.333 | 1.352 | 1.469 | 1.561 | 0.9048 | 0.7939 | 0.6736 | 0.4523 |
| 105.0 | 1.291 | 1.342 | 1.335 | 1.377 | 1.473 | 1.560 | 0.9501 | 0.8242 | 0.7289 | 0.5174 |
| 108.0 | 1.298 | 1.362 | 1.352 | 1.427 | 1.477 | 1.558 | 1.000 | 0.8793 | 0.7791 | 0.5727 |
| 111.0 | 1.305 | 1.382 | 1.412 | 1.473 | 1.481 | 1.563 | 1.046 | 0.9296 | 0.8296 | 0.6431 |
| 114.0 | 1.311 | 1.448 | 1.482 | 1.553 | 1.518 | 1.583 | 1.111 | 0.9949 | 0.8949 | 0.7185 |
| 117.0 | 1.357 | 1.518 | 1.562 | 1.624 | 1.578 | 1.608 | 1.186 | 1.070 | 0.9703 | 0.7989 |
| 120.0 | 1.437 | 1.598 | 1.658 | 1.729 | 1.643 | 1.659 | 1.262 | 1.160 | 1.051 | 0.9243 |
| 123.0 | 1.518 | 1.704 | 1.784 | 1.840 | 1.754 | 1.729 | 1.352 | 1.231 | 1.141 | 1.010 |
| 126.0 | 1.638 | 1.835 | 1.889 | 1.955 | 1.844 | 1.810 | 1.453 | 1.316 | 1.247 | 1.120 |
| 129.0 | 1.769 | 1.971 | 2.025 | 2.091 | 1.965 | 1.910 | 1.553 | 1.417 | 1.347 | 1.256 |
| 132.0 | 1.909 | 2.106 | 2.150 | 2.217 | 2.095 | 2.026 | 1.669 | 1.522 | 1.468 | 1.367 |
| 135.0 | 2.050 | 2.247 | 2.286 | 2.342 | 2.221 | 2.151 | 1.790 | 1.643 | 1.583 | 1.492 |
| 138.0 | 2.201 | 2.373 | 2.382 | 2.458 | 2.362 | 2.287 | 1.910 | 1.759 | 1.689 | 1.598 |
| 141.0 | 2.331 | 2.493 | 2.482 | 2.563 | 2.472 | 2.418 | 2.016 | 1.884 | 1.815 | 1.733 |
| 144.0 | 2.462 | 2.593 | 2.568 | 2.654 | 2.598 | 2.548 | 2.126 | 1.990 | 1.935 | 1.849 |
| 147.0 | 2.573 | 2.669 | 2.633 | 2.734 | 2.704 | 2.664 | 2.212 | 2.090 | 2.051 | 1.965 |
| 150.0 | 2.668 | 2.734 | 2.689 | 2.800 | 2.784 | 2.775 | 2.287 | 2.181 | 2.161 | 2.070 |
| 153.0 | 2.724 | 2.752 | 2.719 | 2.850 | 2.860 | 2.870 | 2.337 | 2.246 | 2.257 | 2.156 |
| 156.0 | 2.756 | 2.756 | 2.759 | 2.875 | 2.910 | 2.945 | 2.392 | 2.327 | 2.337 | 2.251 |
| 159.0 | 2.762 | 2.755 | 2.763 | 2.876 | 2.925 | 3.005 | 2.428 | 2.382 | 2.423 | 2.342 |
| 162.0 | 2.764 | 2.757 | 2.767 | 2.877 | 2.950 | 3.008 | 2.468 | 2.447 | 2.503 | 2.422 |
| 165.0 | 2.758 | 2.760 | 2.770 | 2.877 | 2.950 | 3.011 | 2.518 | 2.498 | 2.573 | 2.488 |
| 168.0 | 2.753 | 2.762 | 2.774 | 2.878 | 2.948 | 3.014 | 2.578 | 2.558 | 2.634 | 2.568 |
| 171.0 | 2.744 | 2.764 | 2.794 | 2.879 | 2.945 | 2.995 | 2.619 | 2.608 | 2.704 | 2.633 |
| 174.0 | 2.719 | 2.774 | 2.819 | 2.885 | 2.943 | 2.955 | 2.654 | 2.663 | 2.759 | 2.704 |
| 177.0 | 2.709 | 2.784 | 2.845 | 2.865 | 2.940 | 2.930 | 2.704 | 2.709 | 2.825 | 2.774 |
| 180.0 | 2.709 | 2.784 | 2.850 | 2.865 | 2.895 | 2.895 | 2.704 | 2.769 | 2.845 | 2.855 |
| G/C | 300.0 | 330.0 | | | | | | | | |
| 0.0 | 436.1 | 431.0 | | | | | | | | |
| 3.0 | 442.0 | 393.5 | | | | | | | | |
| 6.0 | 423.9 | 343.2 | | | | | | | | |
| 9.0 | 392.7 | 300.3 | | | | | | | | |
| 12.0 | 361.8 | 266.5 | | | | | | | | |
| 15.0 | 335.5 | 243.7 | | | | | | | | |
| 18.0 | 309.7 | 222.7 | | | | | | | | |
| 21.0 | 279.3 | 201.9 | | | | | | | | |
| 24.0 | 244.6 | 180.9 | | | | | | | | |
| 27.0 | 202.5 | 151.9 | | | | | | | | |
| 30.0 | 158.6 | 120.0 | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2023-07-26

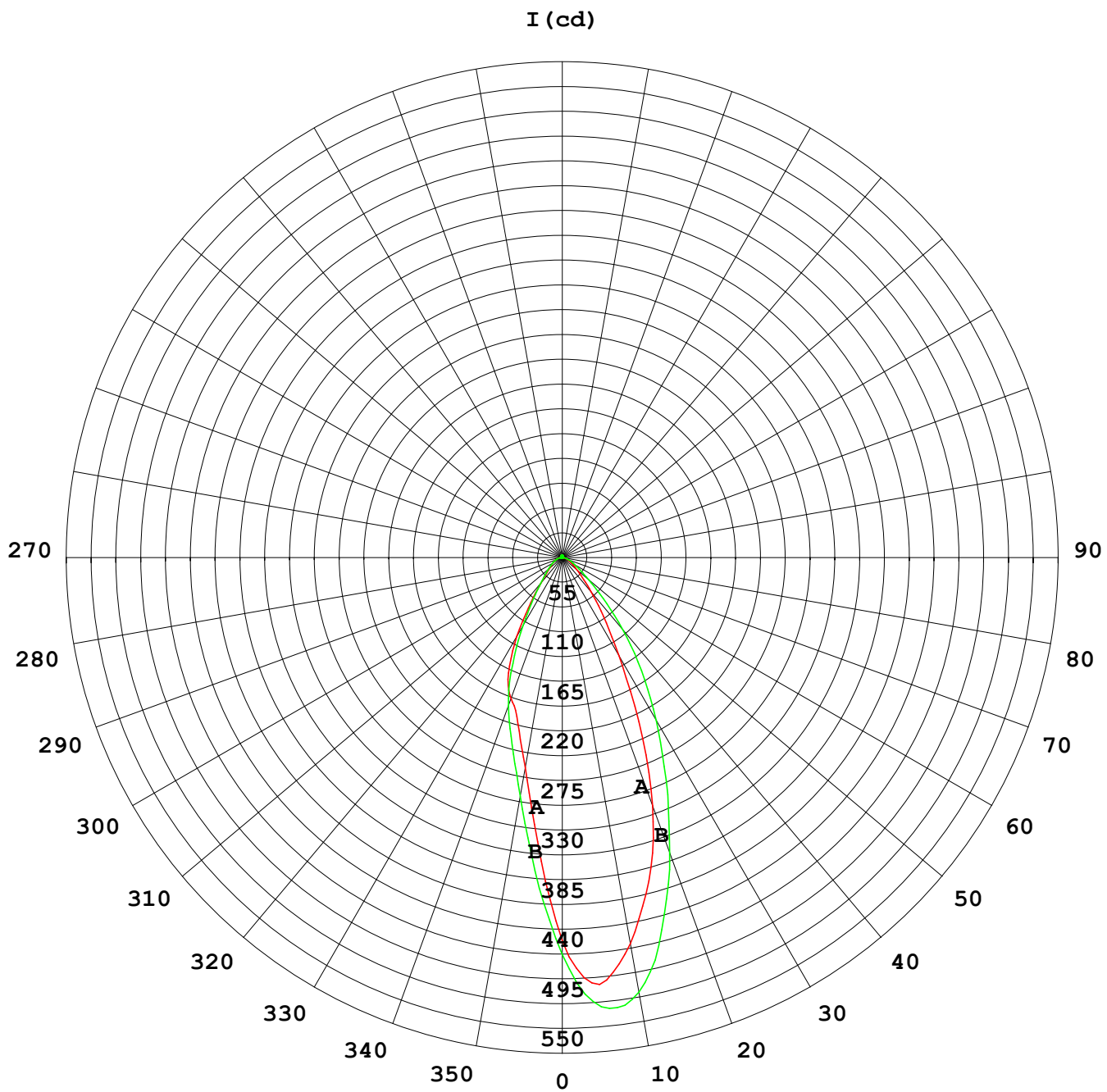
γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

Photometric Data Table [cd]

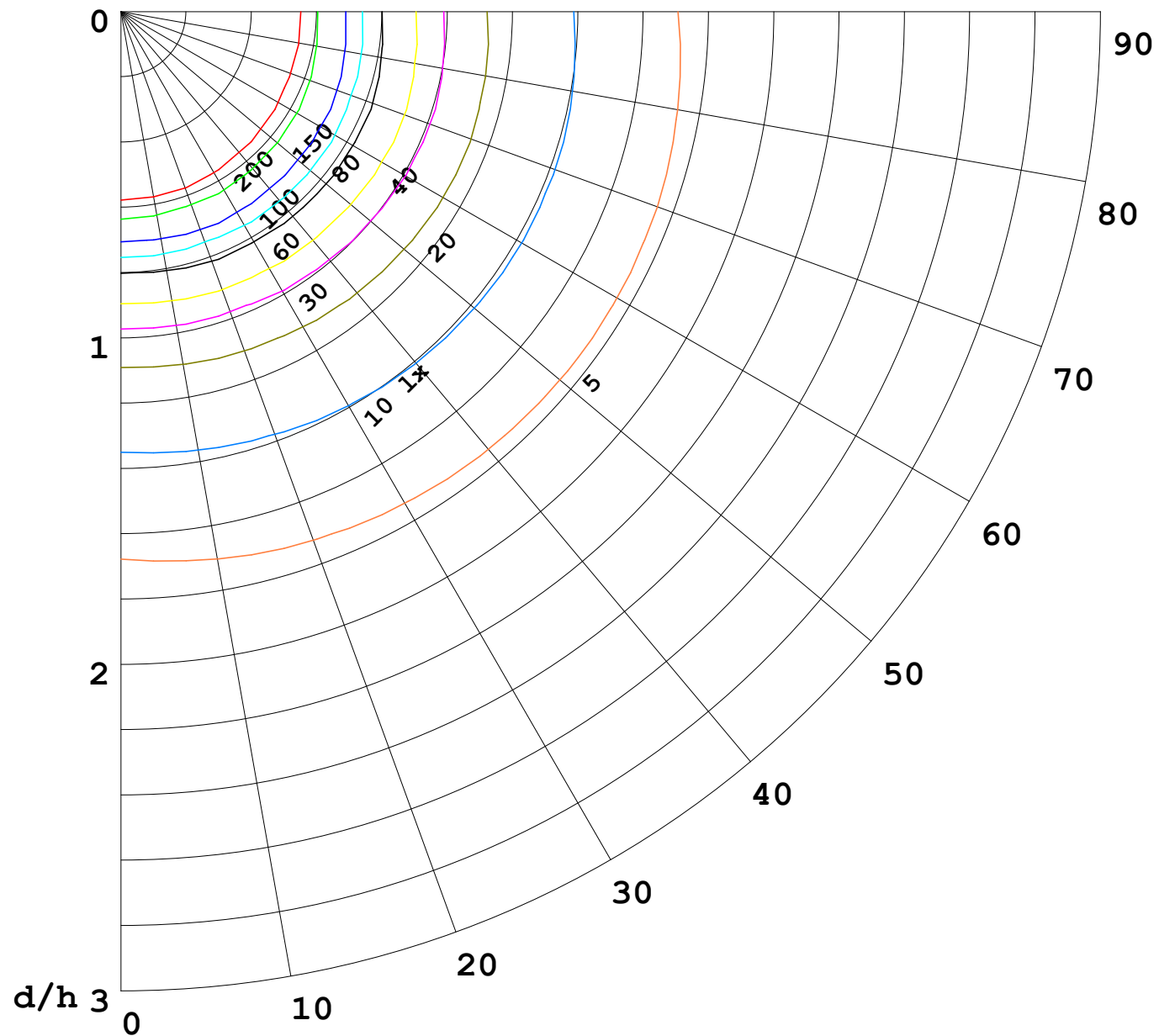
| | | |
|-------|--------|--------|
| 33.0 | 119.9 | 90.06 |
| 36.0 | 88.88 | 66.85 |
| 39.0 | 66.28 | 48.55 |
| 42.0 | 49.62 | 36.45 |
| 45.0 | 37.93 | 28.20 |
| 48.0 | 29.61 | 22.74 |
| 51.0 | 23.49 | 18.82 |
| 54.0 | 19.03 | 15.87 |
| 57.0 | 15.84 | 13.62 |
| 60.0 | 13.28 | 11.67 |
| 63.0 | 11.15 | 10.06 |
| 66.0 | 9.322 | 8.583 |
| 69.0 | 7.754 | 7.215 |
| 72.0 | 6.307 | 6.080 |
| 75.0 | 5.012 | 4.918 |
| 78.0 | 3.836 | 3.893 |
| 81.0 | 2.770 | 2.952 |
| 84.0 | 1.821 | 2.084 |
| 87.0 | 1.048 | 1.359 |
| 90.0 | 0.5217 | 0.8204 |
| 93.0 | 0.4323 | 0.5683 |
| 96.0 | 0.4474 | 0.5227 |
| 99.0 | 0.4877 | 0.5327 |
| 102.0 | 0.5230 | 0.5427 |
| 105.0 | 0.5783 | 0.6131 |
| 108.0 | 0.6435 | 0.6681 |
| 111.0 | 0.7089 | 0.7585 |
| 114.0 | 0.7944 | 0.8390 |
| 117.0 | 0.8799 | 0.9396 |
| 120.0 | 0.9854 | 1.065 |
| 123.0 | 1.096 | 1.171 |
| 126.0 | 1.212 | 1.311 |
| 129.0 | 1.337 | 1.442 |
| 132.0 | 1.468 | 1.563 |
| 135.0 | 1.594 | 1.678 |
| 138.0 | 1.714 | 1.794 |
| 141.0 | 1.835 | 1.909 |
| 144.0 | 1.945 | 2.020 |
| 147.0 | 2.056 | 2.111 |
| 150.0 | 2.146 | 2.201 |
| 153.0 | 2.232 | 2.271 |
| 156.0 | 2.307 | 2.317 |
| 159.0 | 2.372 | 2.377 |
| 162.0 | 2.443 | 2.412 |
| 165.0 | 2.508 | 2.457 |
| 168.0 | 2.578 | 2.533 |
| 171.0 | 2.649 | 2.583 |
| 174.0 | 2.734 | 2.678 |
| 177.0 | 2.820 | 2.759 |
| 180.0 | 2.855 | 2.870 |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-07-26

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:



K = 1



F = 5000 lm
 K = 0.7
 Hcc = 0.0 m
 Hfc = 0.0 m
 Eave = 100 lx

| | Pcc | Pw | Pfc |
|---|-----|----|-----|
| — | 70 | 50 | 30 |
| — | 50 | 30 | 20 |

