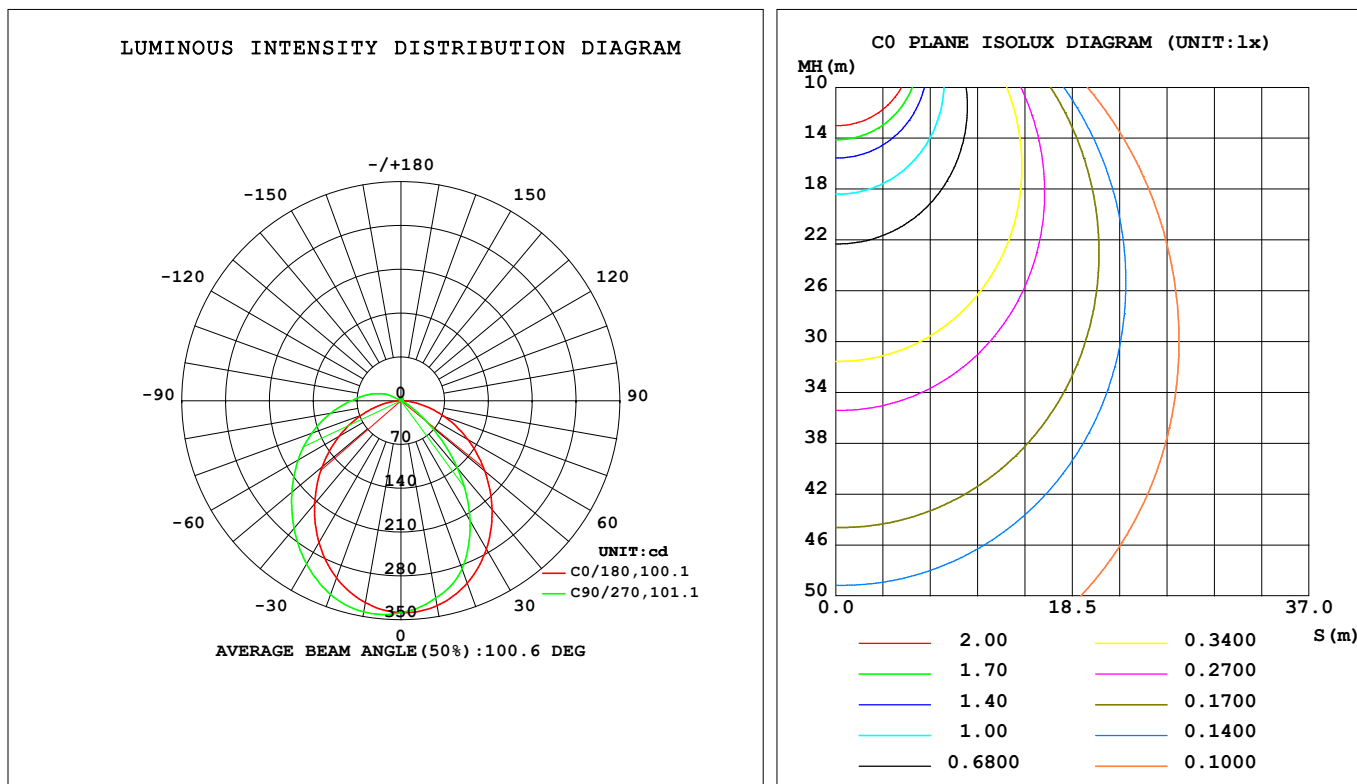


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 52.45 lm/W |
|-------------------|----------------|-----------------------|--------|--------------------|-----------|-----------------|
| MODEL | DPAL-007 3000K | I _{max} (cd) | 343.3 | S/MH (C0/180) | 1.16 | |
| NOMINAL POWER (W) | | LOR (%) | 100.0 | S/MH (C90/270) | 1.32 | |
| RATED VOLTAGE (V) | 220.0 | TOTAL FLUX (lm) | 904.19 | η UP,DN (C0-180) | 0.8, 34.4 | |
| NOMINAL FLUX (lm) | 904.193 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 4.4, 60.4 | |
| LAMPS INSIDE | 1 | η up (%) | 5.2 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE (V) | 230 | η down (%) | 94.8 | CIBSE SHR MAX | 1.35 | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 7.250m [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 | 332.5 | 325.1 | 319.9 | 321.5 | 327.7 | 336.8 | 342.6 | 340.8 | 0- 10 | 31.97 | 31.97 | 3.54,3.54 |
| 20 | 310.1 | 297.3 | 285.7 | 290.9 | 301.2 | 319.4 | 329.2 | 326.7 | 10- 20 | 90.55 | 122.5 | 13.6,13.6 |
| 30 | 273.4 | 251.2 | 221.0 | 241.4 | 262.1 | 287.8 | 301.5 | 297.5 | 20- 30 | 133.0 | 255.5 | 28.3,28.3 |
| 40 | 226.6 | 187.7 | 140.4 | 177.7 | 214.6 | 248.7 | 265.9 | 259.6 | 30- 40 | 151.5 | 407.0 | 45,45 |
| 50 | 175.0 | 118.9 | 59.78 | 109.2 | 164.6 | 207.2 | 227.6 | 217.4 | 40- 50 | 145.3 | 552.4 | 61.1,61.1 |
| 60 | 123.1 | 51.25 | 13.19 | 44.00 | 114.8 | 165.9 | 189.7 | 174.7 | 50- 60 | 120.6 | 673.0 | 74.4,74.4 |
| 70 | 73.91 | 6.797 | 0.5265 | 5.171 | 67.65 | 124.6 | 151.5 | 131.5 | 60- 70 | 89.18 | 762.2 | 84.3,84.3 |
| 80 | 28.83 | 0.5735 | 0.8300 | 0.6328 | 25.47 | 84.40 | 113.5 | 89.27 | 70- 80 | 59.24 | 821.4 | 90.8,90.8 |
| 90 | 0.8290 | 0.9181 | 1.225 | 1.015 | 0.7647 | 50.86 | 79.44 | 53.81 | 80- 90 | 35.41 | 856.8 | 94.8,94.8 |
| 100 | 0.7706 | 1.351 | 1.673 | 1.448 | 0.9064 | 30.26 | 55.47 | 33.31 | 90-100 | 21.30 | 878.1 | 97.1,97.1 |
| 110 | 1.219 | 1.817 | 2.121 | 1.933 | 1.392 | 9.380 | 33.54 | 12.02 | 100-110 | 12.17 | 890.3 | 98.5,98.5 |
| 120 | 1.723 | 2.300 | 2.582 | 2.422 | 1.922 | 1.233 | 2.865 | 1.223 | 110-120 | 4.731 | 895.0 | 99,99 |
| 130 | 2.281 | 2.799 | 3.043 | 2.921 | 2.477 | 1.803 | 1.477 | 1.846 | 120-130 | 1.846 | 896.9 | 99.2,99.2 |
| 140 | 2.849 | 3.287 | 3.488 | 3.400 | 3.044 | 2.420 | 2.179 | 2.499 | 130-140 | 2.021 | 898.9 | 99.4,99.4 |
| 150 | 3.407 | 3.745 | 3.924 | 3.833 | 3.574 | 3.073 | 2.871 | 3.134 | 140-150 | 1.990 | 900.9 | 99.6,99.6 |
| 160 | 3.924 | 4.143 | 4.306 | 4.215 | 4.056 | 3.714 | 3.583 | 3.743 | 150-160 | 1.711 | 902.6 | 99.8,99.8 |
| 170 | 4.335 | 4.457 | 4.632 | 4.507 | 4.435 | 4.288 | 4.289 | 4.294 | 160-170 | 1.182 | 903.8 | 100,100 |
| 180 | 4.592 | 4.620 | 4.739 | 4.636 | 4.595 | 4.632 | 4.739 | 4.639 | 170-180 | 0.4301 | 904.2 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 481.89 lm

%lum = 53.3%

%lamp = 53.3%

Conical surface Flux(120deg): 672.98 lm

%lum = 74.4%

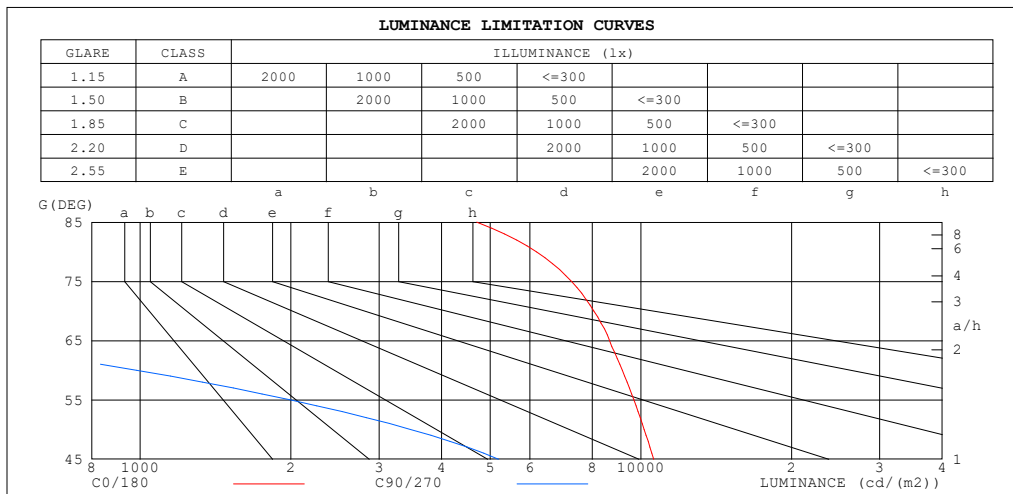
%lamp = 74.4%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 4704 | 436 |
| 80 | 6196 | 178 |
| 75 | 7267 | 97 |
| 70 | 8063 | 57 |
| 65 | 8662 | 282 |
| 60 | 9189 | 984 |
| 55 | 9685 | 1991 |
| 50 | 10160 | 3470 |
| 45 | 10613 | 5194 |

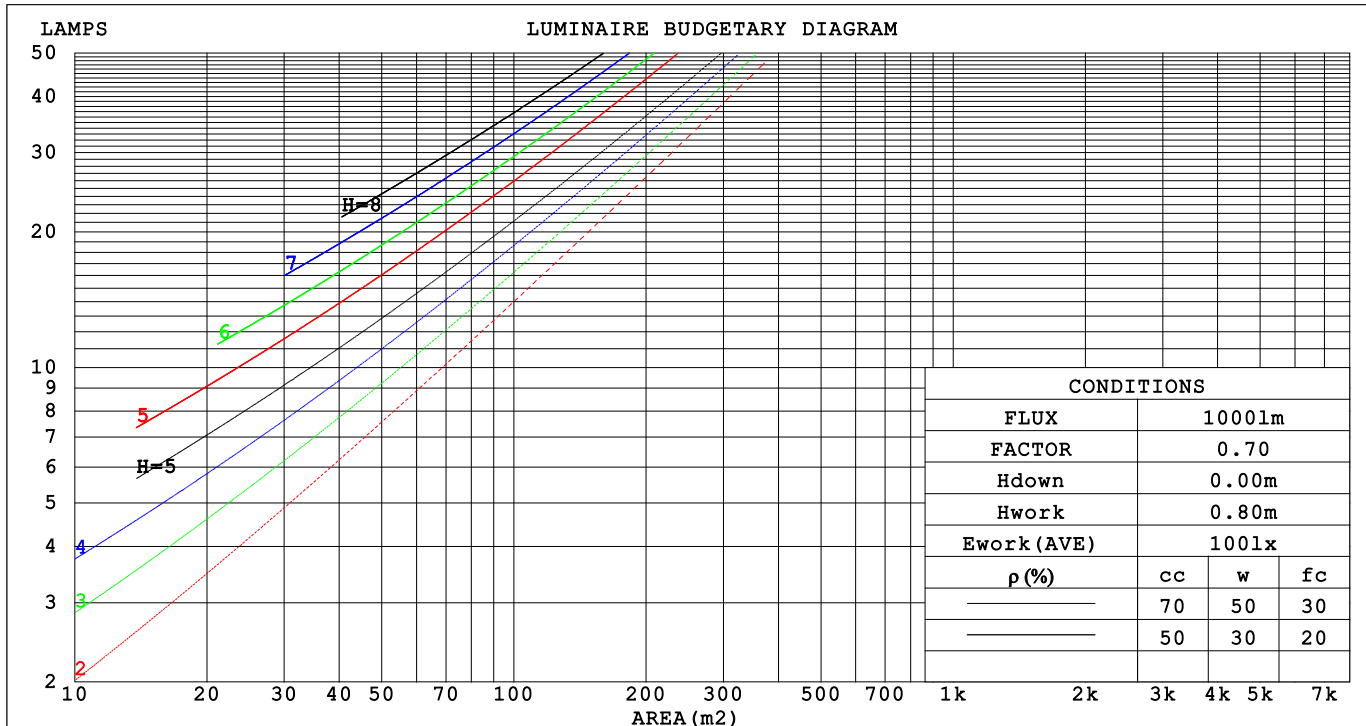
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|-----|-----|-----|-----|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.18 | 1.18 | 1.18 | 1.14 | 1.14 | 1.14 | 1.08 | 1.08 | 1.08 | 1.02 | 1.02 | 1.02 | .97 | .97 | .97 | .95 |
| 1.0 | 1.02 | .98 | .94 | .99 | .95 | .92 | .94 | .91 | .88 | .89 | .87 | .84 | .85 | .83 | .81 | .78 |
| 2.0 | .89 | .82 | .77 | .87 | .81 | .75 | .82 | .77 | .73 | .78 | .74 | .70 | .75 | .71 | .68 | .66 |
| 3.0 | .79 | .71 | .64 | .77 | .69 | .63 | .73 | .67 | .61 | .70 | .64 | .60 | .66 | .62 | .58 | .56 |
| 4.0 | .70 | .61 | .55 | .68 | .60 | .54 | .65 | .58 | .53 | .62 | .56 | .52 | .60 | .54 | .50 | .48 |
| 5.0 | .63 | .54 | .47 | .61 | .53 | .47 | .59 | .52 | .46 | .56 | .50 | .45 | .54 | .48 | .44 | .42 |
| 6.0 | .57 | .48 | .42 | .56 | .47 | .41 | .53 | .46 | .41 | .51 | .45 | .40 | .49 | .43 | .39 | .37 |
| 7.0 | .52 | .43 | .37 | .51 | .42 | .37 | .49 | .41 | .36 | .47 | .40 | .35 | .45 | .39 | .35 | .33 |
| 8.0 | .47 | .39 | .33 | .46 | .38 | .33 | .45 | .37 | .32 | .43 | .37 | .32 | .41 | .36 | .31 | .29 |
| 9.0 | .43 | .35 | .30 | .43 | .35 | .30 | .41 | .34 | .29 | .40 | .33 | .29 | .38 | .33 | .28 | .27 |
| 10.0 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .26 | .36 | .30 | .26 | .24 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .320 | .182 | .058 | .312 | .178 | .056 | .295 | .170 | .054 | .281 | .162 | .052 | .267 | .155 | .050 | |
| 2.0 | .291 | .160 | .049 | .284 | .156 | .048 | .269 | .150 | .046 | .256 | .143 | .045 | .243 | .138 | .043 | |
| 3.0 | .266 | .142 | .042 | .259 | .139 | .042 | .246 | .133 | .041 | .234 | .128 | .039 | .223 | .124 | .038 | |
| 4.0 | .244 | .127 | .037 | .238 | .125 | .037 | .226 | .120 | .036 | .216 | .116 | .035 | .206 | .112 | .034 | |
| 5.0 | .225 | .115 | .033 | .220 | .113 | .033 | .209 | .109 | .032 | .200 | .105 | .031 | .191 | .102 | .031 | |
| 6.0 | .208 | .105 | .030 | .204 | .103 | .030 | .194 | .100 | .029 | .186 | .096 | .028 | .178 | .093 | .028 | |
| 7.0 | .194 | .096 | .027 | .190 | .094 | .027 | .181 | .092 | .026 | .173 | .089 | .026 | .166 | .086 | .025 | |
| 8.0 | .181 | .089 | .025 | .177 | .087 | .025 | .170 | .085 | .024 | .163 | .082 | .024 | .156 | .080 | .023 | |
| 9.0 | .170 | .082 | .023 | .166 | .081 | .023 | .159 | .079 | .022 | .153 | .077 | .022 | .147 | .075 | .022 | |
| 10.0 | .160 | .077 | .021 | .157 | .076 | .021 | .150 | .074 | .021 | .144 | .072 | .020 | .139 | .070 | .020 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .230 | .230 | .230 | .197 | .197 | .197 | .134 | .134 | .134 | .077 | .077 | .077 | .025 | .025 | .025 | |
| 1.0 | .221 | .196 | .174 | .189 | .168 | .150 | .130 | .116 | .103 | .075 | .067 | .060 | .024 | .022 | .019 | |
| 2.0 | .213 | .172 | .139 | .182 | .148 | .120 | .125 | .103 | .084 | .072 | .060 | .049 | .023 | .019 | .016 | |
| 3.0 | .204 | .155 | .116 | .175 | .134 | .100 | .120 | .093 | .070 | .070 | .054 | .041 | .022 | .018 | .014 | |
| 4.0 | .197 | .142 | .100 | .169 | .123 | .087 | .116 | .085 | .061 | .067 | .050 | .036 | .022 | .016 | .012 | |
| 5.0 | .189 | .131 | .089 | .162 | .114 | .077 | .112 | .079 | .055 | .065 | .047 | .032 | .021 | .015 | .011 | |
| 6.0 | .182 | .123 | .081 | .156 | .107 | .071 | .108 | .075 | .050 | .063 | .044 | .030 | .020 | .014 | .010 | |
| 7.0 | .175 | .116 | .075 | .150 | .101 | .065 | .104 | .071 | .046 | .060 | .042 | .028 | .020 | .014 | .009 | |
| 8.0 | .168 | .110 | .071 | .145 | .096 | .062 | .100 | .067 | .044 | .058 | .040 | .026 | .019 | .013 | .009 | |
| 9.0 | .163 | .106 | .067 | .140 | .092 | .059 | .097 | .064 | .042 | .057 | .038 | .025 | .018 | .012 | .008 | |
| 10.0 | .157 | .101 | .064 | .135 | .088 | .056 | .094 | .062 | .040 | .055 | .037 | .024 | .018 | .012 | .008 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|------------------|------|------------------|---------------|------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | | | | | | | | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | | | | | | TYPE:LED | | WEIGHT: | | |
| SPEC.: | | | | | | DIM.: | | SERIAL No.: | | |
| MFR.: DARKON | | | | | | SUR.: | | Shielding Angle: | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | | | | | | Viewed crosswise | | | | |
| x = 2H y = 2H | | | | | | Viewed endwise | | | | |
| 3H | | | | | | 14.3 | 15.7 | 14.6 | 16.0 | 16.3 |
| 4H | | | | | | 14.1 | 15.4 | 14.4 | 15.7 | 16.0 |
| 6H | | | | | | 14.0 | 15.2 | 14.3 | 15.5 | 15.9 |
| 8H | | | | | | 13.8 | 15.0 | 14.2 | 15.4 | 15.8 |
| 12H | | | | | | 13.8 | 14.9 | 14.2 | 15.3 | 15.7 |
| 4H 2H | | | | | | 13.7 | 14.8 | 14.2 | 15.2 | 15.6 |
| 3H | | | | | | 14.9 | 16.1 | 15.3 | 16.5 | 16.8 |
| 4H | | | | | | 14.6 | 15.7 | 15.1 | 16.1 | 16.5 |
| 6H | | | | | | 14.5 | 15.5 | 15.0 | 15.9 | 16.4 |
| 8H | | | | | | 14.4 | 15.3 | 14.9 | 15.7 | 16.2 |
| 12H | | | | | | 14.4 | 15.2 | 14.9 | 15.7 | 16.1 |
| 8H 4H | | | | | | 14.3 | 15.1 | 14.8 | 15.6 | 16.1 |
| 6H | | | | | | 14.6 | 15.4 | 15.1 | 15.9 | 16.4 |
| 8H | | | | | | 14.5 | 15.2 | 15.0 | 15.7 | 16.2 |
| 12H | | | | | | 14.4 | 15.0 | 15.0 | 15.6 | 16.1 |
| 12H 4H | | | | | | 14.4 | 14.9 | 15.0 | 15.5 | 16.1 |
| 6H | | | | | | 21.3 | 22.2 | 21.8 | 22.6 | 23.1 |
| 8H | | | | | | 21.6 | 22.3 | 22.2 | 22.8 | 23.4 |
| 12H | | | | | | 21.8 | 22.4 | 22.3 | 22.9 | 23.5 |
| 4H | | | | | | 21.9 | 22.4 | 22.4 | 22.9 | 23.5 |
| 6H | | | | | | 21.3 | 22.0 | 21.8 | 22.5 | 23.0 |
| 8H | | | | | | 21.6 | 22.2 | 22.1 | 22.7 | 23.3 |
| 12H | | | | | | 21.7 | 22.2 | 22.3 | 22.8 | 23.4 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | | | | | | + 0.2 / - 0.2 | | | + 1.8 / - 3.8 | |
| 1.5H | | | | | | + 0.3 / - 0.5 | | | + 0.9 / - 2.2 | |
| 2.0H | | | | | | + 1.1 / - 1.8 | | | + 2.8 / - 6.2 | |

CIE Pub.117, 904.2 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -0.3$)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

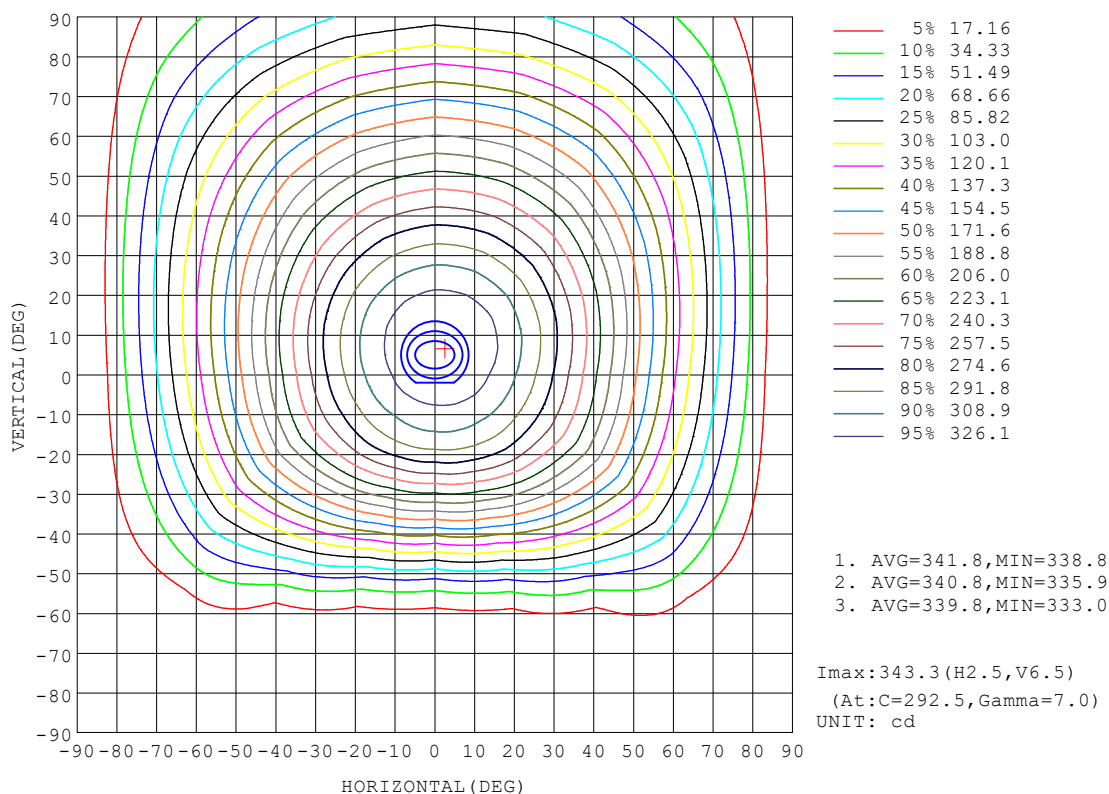
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 58 | 46 | 39 | 57 | 46 | 39 | 55 | 45 | 39 | 33 |
| 0.80 | 67 | 56 | 49 | 66 | 55 | 48 | 64 | 54 | 48 | 41 |
| 1.00 | 75 | 64 | 57 | 74 | 63 | 57 | 71 | 64 | 56 | 49 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 64 | 77 | 69 | 63 | 55 |
| 1.50 | 87 | 77 | 70 | 85 | 76 | 69 | 81 | 73 | 68 | 60 |
| 2.00 | 93 | 84 | 78 | 91 | 83 | 77 | 87 | 80 | 75 | 66 |
| 2.50 | 97 | 89 | 82 | 95 | 87 | 81 | 90 | 84 | 79 | 70 |
| 3.00 | 100 | 93 | 87 | 98 | 91 | 86 | 93 | 88 | 83 | 73 |
| 4.00 | 104 | 98 | 93 | 101 | 96 | 91 | 96 | 92 | 88 | 78 |
| 5.00 | 107 | 101 | 97 | 104 | 99 | 95 | 98 | 95 | 91 | 81 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |

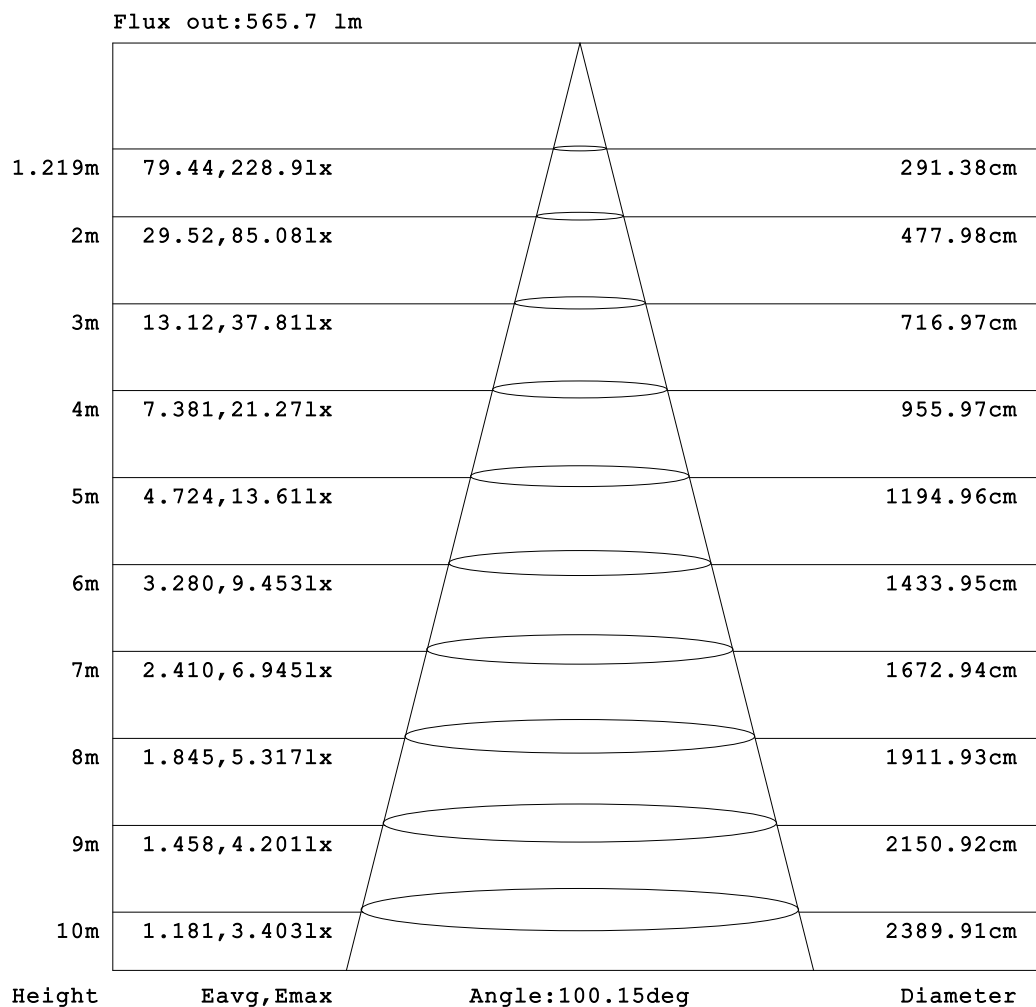


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K | TYPE:LED | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: DARKON | SUR.: | Shielding Angle: |



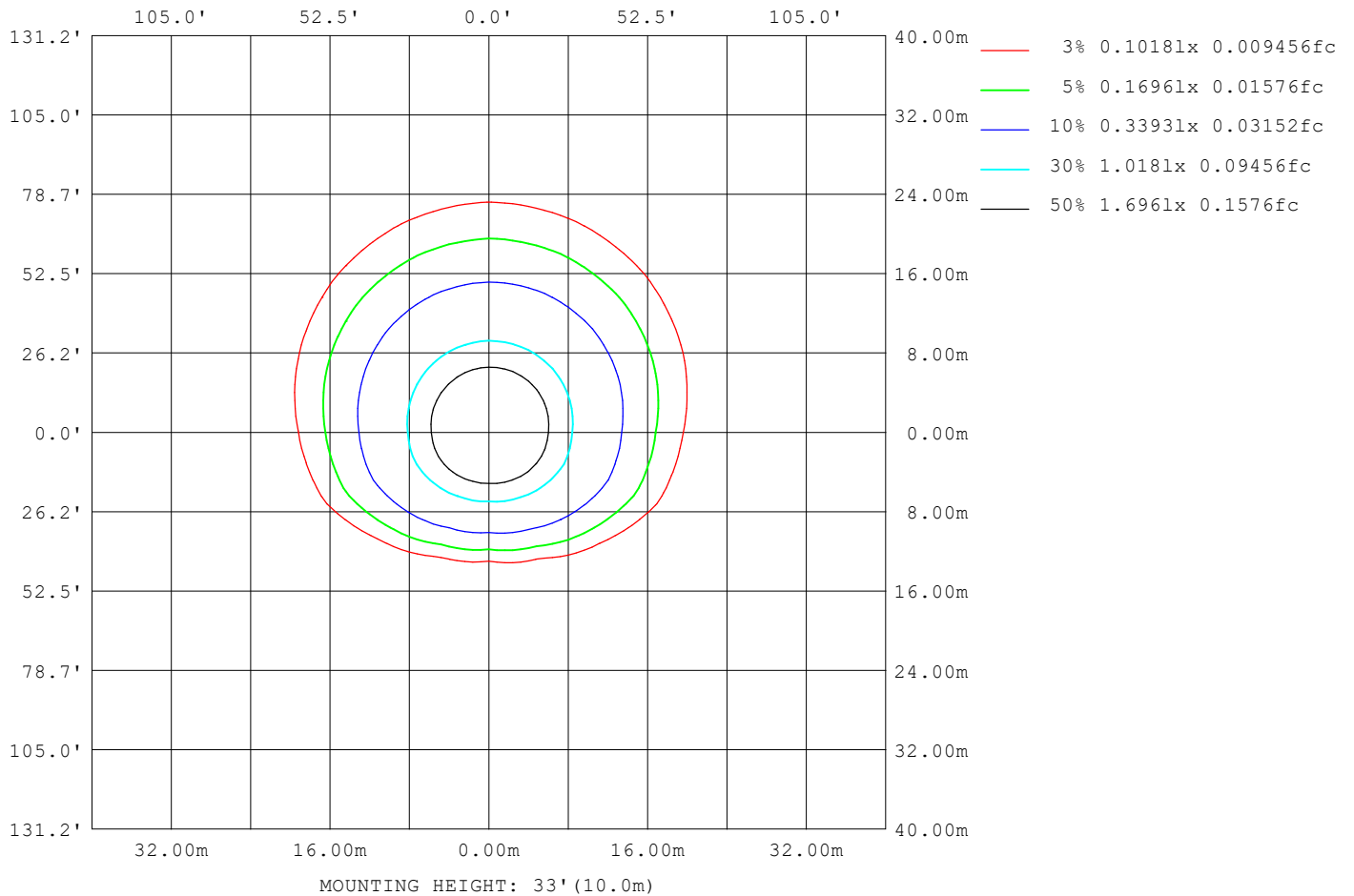
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
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Remarks:

LED Avg.L Report

| | | |
|--|----------|------------------|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | |
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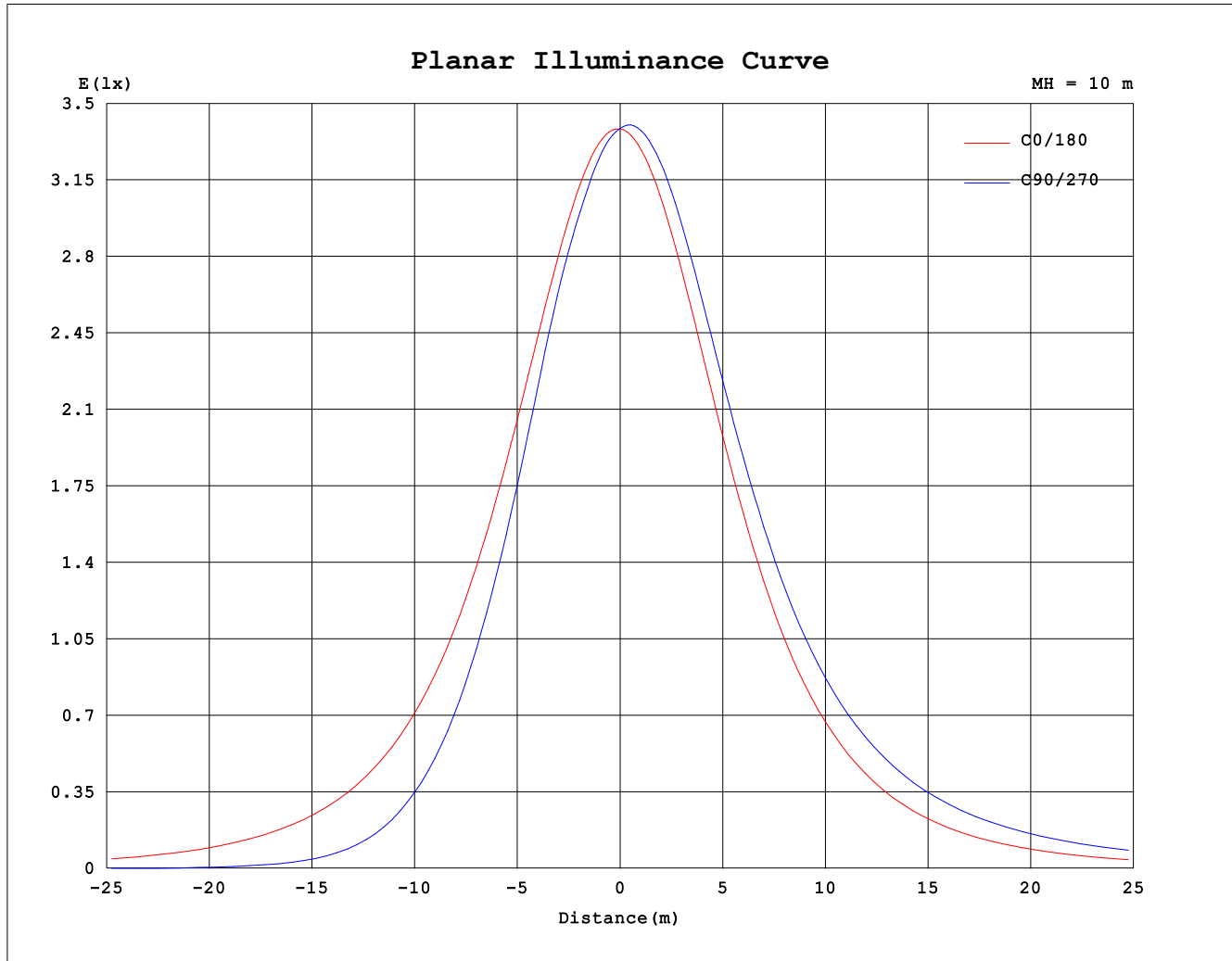
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 8339 |
| L_0~180 (75) av | 6919 |
| L_0~180 (85) av | 4301 |
| L_90~270 (65) av | 7682 |
| L_90~270 (75) av | 9586 |
| L_90~270 (85) av | 20683 |
| L_45 (65) av | 7533 |
| L_45 (75) av | 7755 |
| L_45 (85) av | 14739 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
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Test Date:01 October 2020

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:7.250m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 01 October 2020

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity: 65.0%
Test Distance: 7.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|-------|--|--|------------------|--|--|--|--|--|
| Test:U:239.96V I:0.1081A P:17.240W PF:0.6648 Freq:50.09Hz Lamp Flux:904.193x1 lm | | | | | | | | | | | | | | | | | |
| NAME: SUPER MINI EDGE_1074_WHT_OPAL V_DPAL-007_3000K TYPE:LED | | | | | | | | | | | | WEIGHT: | | | | | |
| SPEC.: | | | | | | | | | DIM.: | | | SERIAL No.: | | | | | |
| MFR.: DARKON | | | | | | | | | SUR.: | | | Shielding Angle: | | | | | |

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 | 338 | 338 | 339 | 339 | 339 | 339 | 339 | 339 | 338 | 338 | 339 | 339 | 339 | 339 | 339 | 339 | | | |
| 5 | 338 | 336 | 334 | 333 | 332 | 332 | 332 | 334 | 335 | 337 | 340 | 342 | 343 | 343 | 342 | 340 | | | |
| 10 | 332 | 329 | 325 | 322 | 320 | 320 | 321 | 325 | 328 | 332 | 337 | 341 | 343 | 343 | 341 | 337 | | | |
| 15 | 323 | 318 | 312 | 309 | 307 | 307 | 307 | 312 | 316 | 323 | 330 | 336 | 338 | 338 | 336 | 330 | | | |
| 20 | 310 | 303 | 297 | 291 | 286 | 287 | 291 | 295 | 301 | 310 | 319 | 326 | 329 | 329 | 327 | 319 | | | |
| 25 | 293 | 285 | 277 | 264 | 256 | 259 | 269 | 275 | 283 | 294 | 305 | 312 | 317 | 317 | 314 | 305 | | | |
| 30 | 273 | 265 | 251 | 232 | 221 | 226 | 241 | 254 | 262 | 276 | 288 | 297 | 301 | 302 | 298 | 288 | | | |
| 35 | 251 | 242 | 221 | 196 | 182 | 190 | 211 | 232 | 239 | 255 | 269 | 279 | 284 | 285 | 279 | 267 | | | |
| 40 | 227 | 218 | 188 | 157 | 140 | 151 | 178 | 206 | 215 | 233 | 249 | 260 | 266 | 266 | 260 | 245 | | | |
| 45 | 201 | 191 | 154 | 117 | 98.4 | 111 | 144 | 178 | 190 | 209 | 228 | 240 | 247 | 246 | 239 | 222 | | | |
| 50 | 175 | 162 | 119 | 77.1 | 59.8 | 72.2 | 109 | 150 | 165 | 186 | 207 | 221 | 228 | 226 | 217 | 199 | | | |
| 55 | 149 | 132 | 84.6 | 43.1 | 30.6 | 39.7 | 75.7 | 121 | 139 | 163 | 186 | 201 | 209 | 206 | 196 | 175 | | | |
| 60 | 123 | 103 | 51.2 | 19.7 | 13.2 | 18.0 | 44.0 | 93.5 | 115 | 141 | 166 | 182 | 190 | 186 | 175 | 152 | | | |
| 65 | 98.1 | 74.5 | 23.7 | 6.55 | 3.20 | 5.85 | 19.4 | 66.0 | 90.8 | 120 | 145 | 162 | 171 | 166 | 153 | 129 | | | |
| 70 | 73.9 | 46.6 | 6.80 | 0.50 | 0.53 | 0.52 | 5.17 | 39.2 | 67.7 | 98.6 | 125 | 142 | 152 | 146 | 131 | 106 | | | |
| 75 | 50.4 | 20.0 | 0.48 | 0.61 | 0.67 | 0.66 | 0.50 | 14.7 | 45.6 | 78.0 | 104 | 123 | 132 | 126 | 110 | 84.5 | | | |
| 80 | 28.8 | 2.10 | 0.57 | 0.77 | 0.83 | 0.83 | 0.63 | 0.93 | 25.5 | 57.5 | 84.4 | 104 | 114 | 107 | 89.3 | 62.6 | | | |
| 85 | 11.0 | 0.53 | 0.72 | 0.95 | 1.02 | 1.01 | 0.81 | 0.59 | 9.10 | 38.4 | 66.1 | 86.6 | 95.6 | 89.3 | 70.0 | 42.1 | | | |
| 90 | 0.83 | 0.68 | 0.92 | 1.15 | 1.23 | 1.21 | 1.01 | 0.77 | 0.76 | 23.5 | 50.9 | 70.9 | 79.4 | 73.1 | 53.8 | 25.8 | | | |
| 95 | 0.58 | 0.87 | 1.13 | 1.37 | 1.44 | 1.43 | 1.22 | 0.99 | 0.69 | 15.5 | 40.0 | 57.6 | 66.8 | 60.8 | 42.9 | 17.2 | | | |
| 100 | 0.77 | 1.08 | 1.35 | 1.60 | 1.67 | 1.66 | 1.45 | 1.21 | 0.91 | 8.54 | 30.3 | 47.6 | 55.5 | 49.9 | 33.3 | 10.9 | | | |
| 105 | 0.99 | 1.30 | 1.58 | 1.83 | 1.89 | 1.89 | 1.69 | 1.45 | 1.14 | 0.79 | 21.5 | 36.6 | 44.5 | 39.0 | 23.8 | 0.75 | | | |
| 110 | 1.22 | 1.53 | 1.82 | 2.06 | 2.12 | 2.12 | 1.93 | 1.70 | 1.39 | 1.02 | 9.38 | 27.2 | 33.5 | 29.2 | 12.0 | 0.99 | | | |
| 115 | 1.47 | 1.77 | 2.06 | 2.29 | 2.35 | 2.35 | 2.18 | 1.96 | 1.65 | 1.27 | 0.97 | 14.1 | 23.5 | 15.7 | 0.94 | 1.25 | | | |
| 120 | 1.72 | 2.03 | 2.30 | 2.53 | 2.58 | 2.60 | 2.42 | 2.22 | 1.92 | 1.52 | 1.23 | 0.94 | 2.86 | 0.93 | 1.22 | 1.53 | | | |
| 125 | 2.00 | 2.30 | 2.55 | 2.77 | 2.82 | 2.84 | 2.68 | 2.49 | 2.19 | 1.79 | 1.51 | 1.24 | 1.14 | 1.22 | 1.53 | 1.82 | | | |
| 130 | 2.28 | 2.57 | 2.80 | 3.01 | 3.04 | 3.08 | 2.92 | 2.75 | 2.48 | 2.07 | 1.80 | 1.56 | 1.48 | 1.56 | 1.85 | 2.11 | | | |
| 135 | 2.56 | 2.84 | 3.05 | 3.24 | 3.27 | 3.32 | 3.16 | 3.01 | 2.76 | 2.37 | 2.11 | 1.89 | 1.83 | 1.91 | 2.18 | 2.41 | | | |
| 140 | 2.85 | 3.11 | 3.29 | 3.47 | 3.49 | 3.55 | 3.40 | 3.27 | 3.04 | 2.68 | 2.42 | 2.23 | 2.18 | 2.26 | 2.50 | 2.70 | | | |
| 145 | 3.13 | 3.37 | 3.53 | 3.68 | 3.70 | 3.76 | 3.63 | 3.51 | 3.31 | 2.98 | 2.74 | 2.58 | 2.53 | 2.60 | 2.81 | 3.01 | | | |
| 150 | 3.41 | 3.62 | 3.75 | 3.89 | 3.92 | 3.97 | 3.83 | 3.74 | 3.57 | 3.28 | 3.07 | 2.92 | 2.87 | 2.94 | 3.13 | 3.31 | | | |
| 155 | 3.68 | 3.86 | 3.95 | 4.08 | 4.12 | 4.16 | 4.03 | 3.97 | 3.82 | 3.57 | 3.40 | 3.27 | 3.23 | 3.27 | 3.44 | 3.60 | | | |
| 160 | 3.92 | 4.08 | 4.14 | 4.24 | 4.31 | 4.34 | 4.22 | 4.18 | 4.06 | 3.85 | 3.71 | 3.61 | 3.58 | 3.58 | 3.74 | 3.88 | | | |
| 165 | 4.14 | 4.28 | 4.32 | 4.40 | 4.49 | 4.49 | 4.38 | 4.36 | 4.26 | 4.11 | 4.02 | 3.95 | 3.94 | 3.90 | 4.03 | 4.13 | | | |
| 170 | 4.33 | 4.44 | 4.46 | 4.53 | 4.63 | 4.59 | 4.51 | 4.51 | 4.43 | 4.32 | 4.29 | 4.24 | 4.29 | 4.19 | 4.29 | 4.35 | | | |
| 175 | 4.49 | 4.56 | 4.56 | 4.63 | 4.71 | 4.66 | 4.59 | 4.62 | 4.56 | 4.49 | 4.50 | 4.48 | 4.57 | 4.44 | 4.51 | 4.54 | | | |
| 180 | 4.59 | 4.61 | 4.62 | 4.64 | 4.74 | 4.67 | 4.64 | 4.67 | 4.59 | 4.61 | 4.63 | 4.64 | 4.74 | 4.64 | 4.64 | 4.66 | | | |

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