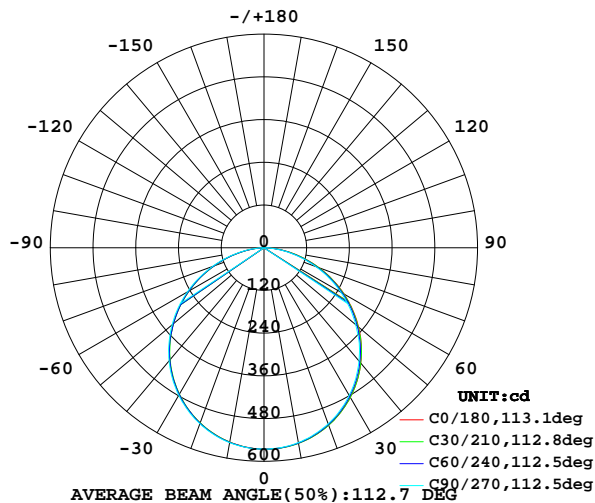


LUMINAIRE PHOTOMETRIC TEST REPORT

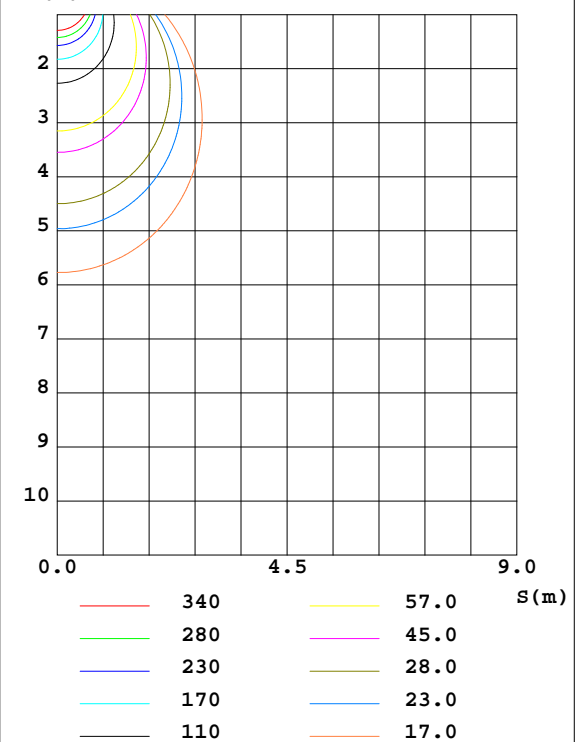
| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 99.60 lm/W | | | |
|------------------|---------------------------|----------------------------------|--------|-------------------|----------|
| MODEL | UP-DL222B-8-16W-AC3-3000K | I _{max} (cd) | 566.2 | S/MH(C0/180) | 1.27 |
| NOMINAL POWER(W) | 16 | LOR(%) | 100.0 | S/MH(C90/270) | 1.26 |
| RATED VOLTAGE(V) | 230 | TOTAL FLUX(lm) | 1623.5 | η UP,DN(C0-180) | 0.0,50.2 |
| NOMINAL FLUX(lm) | 1623.46 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.8 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 230.0 | η down(%) | 100.0 | CIBSE SHR MAX | 1.35 |

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:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [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 | 557.8 | 557.6 | 555.8 | 554.9 | 554.2 | 554.6 | 556.0 | 557.6 | 0- 10 | 53.55 | 53.55 | 3.3,3.3 |
| 20 | 530.7 | 529.7 | 526.7 | 524.3 | 524.2 | 524.2 | 526.4 | 529.7 | 10- 20 | 153.5 | 207.0 | 12.8,12.8 |
| 30 | 485.2 | 483.6 | 478.8 | 475.7 | 475.7 | 475.6 | 478.7 | 483.7 | 20- 30 | 232.9 | 440.0 | 27.1,27.1 |
| 40 | 423.0 | 420.8 | 415.1 | 410.9 | 411.4 | 410.8 | 414.8 | 421.0 | 30- 40 | 281.3 | 721.3 | 44.4,44.4 |
| 50 | 346.8 | 343.5 | 336.5 | 332.2 | 332.3 | 332.1 | 337.2 | 343.6 | 40- 50 | 292.0 | 1013 | 62.4,62.4 |
| 60 | 259.5 | 256.1 | 248.8 | 243.8 | 244.2 | 243.7 | 249.0 | 256.0 | 50- 60 | 263.6 | 1277 | 78.7,78.7 |
| 70 | 164.5 | 161.6 | 155.0 | 149.2 | 150.1 | 149.0 | 154.2 | 161.6 | 60- 70 | 200.9 | 1478 | 91,91 |
| 80 | 72.41 | 69.63 | 64.31 | 58.79 | 60.20 | 58.53 | 63.63 | 69.63 | 70- 80 | 115.1 | 1593 | 98.1,98.1 |
| 90 | 2.248 | 1.759 | 0.6881 | 0.7422 | 0.9446 | 0.9305 | 0.8796 | 1.880 | 80- 90 | 30.53 | 1623 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

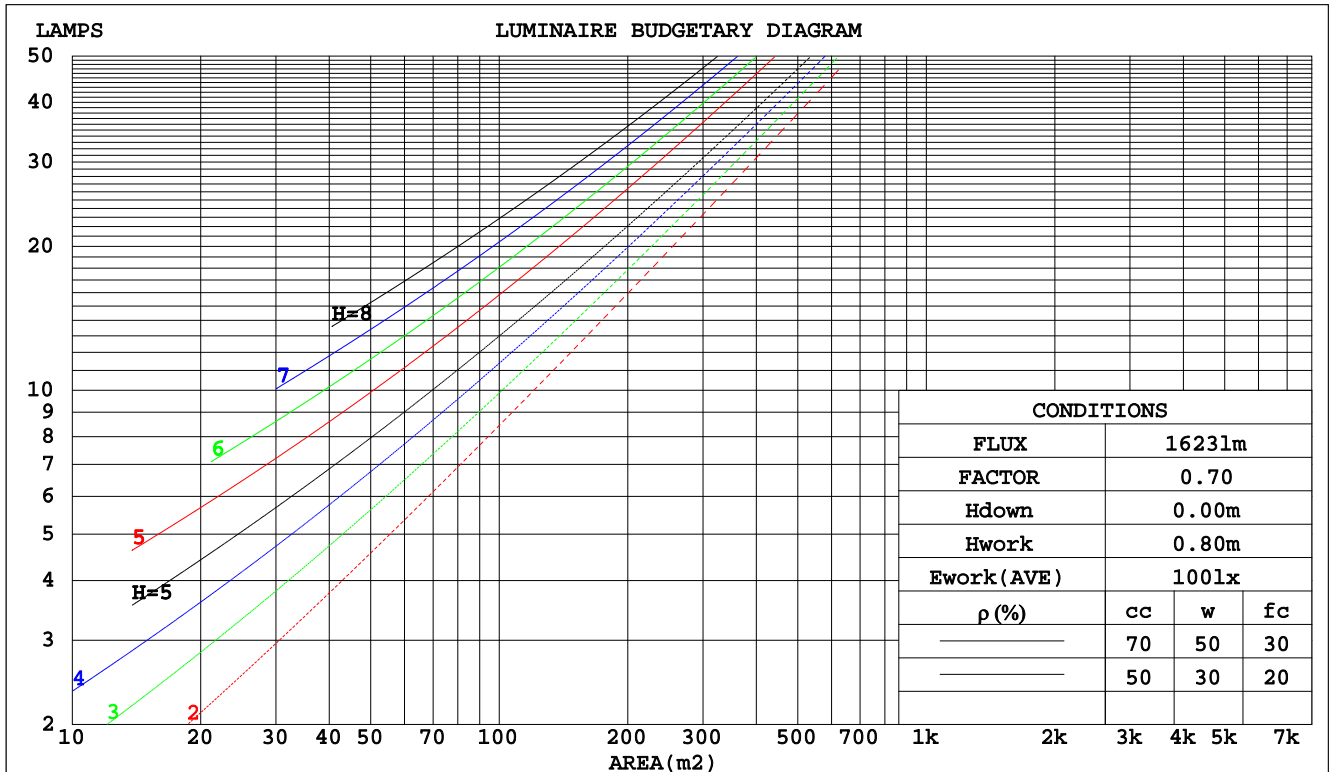
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION 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 | 1.00 |
| 1.0 | 1.04 | .00 | .96 | 1.02 | .98 | .94 | .97 | .94 | .91 | .93 | .91 | .88 | .90 | .88 | .86 | .84 |
| 2.0 | .90 | .83 | .78 | .88 | .82 | .77 | .85 | .80 | .75 | .82 | .77 | .73 | .79 | .75 | .72 | .69 |
| 3.0 | .79 | .71 | .64 | .78 | .70 | .64 | .75 | .68 | .63 | .72 | .66 | .62 | .69 | .65 | .61 | .58 |
| 4.0 | .70 | .61 | .55 | .69 | .61 | .54 | .66 | .59 | .53 | .64 | .58 | .53 | .62 | .56 | .52 | .50 |
| 5.0 | .63 | .54 | .47 | .62 | .53 | .47 | .59 | .52 | .46 | .57 | .51 | .46 | .56 | .50 | .45 | .43 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .41 | .54 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .40 | .38 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .49 | .41 | .36 | .47 | .40 | .35 | .46 | .40 | .35 | .33 |
| 8.0 | .47 | .38 | .32 | .46 | .38 | .32 | .45 | .37 | .32 | .43 | .37 | .32 | .42 | .36 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .33 | .28 | .39 | .33 | .28 | .27 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .26 | .24 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
 Humidity:65.0%
 Test Distance:9.443m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | | | | |
|---|--|--|-------------|--|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | | | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | | | TYPE:16W | | WEIGHT: |
| DIM.: | | | SPEC.:3000K | | SERIAL No.:1 |
| MFR.: | | | SUR.:0.030 | | PROTECTION 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 | .310 | .177 | .056 | .303 | .173 | .055 | .290 | .166 | .053 | .278 | .160 | .051 | .267 | .155 | .050 | |
| 2.0 | .292 | .160 | .049 | .286 | .158 | .049 | .274 | .153 | .047 | .264 | .148 | .046 | .254 | .143 | .045 | |
| 3.0 | .271 | .144 | .043 | .265 | .142 | .043 | .255 | .138 | .042 | .245 | .134 | .041 | .236 | .131 | .040 | |
| 4.0 | .250 | .130 | .038 | .245 | .128 | .038 | .236 | .125 | .037 | .227 | .122 | .037 | .219 | .119 | .036 | |
| 5.0 | .231 | .118 | .034 | .226 | .116 | .034 | .218 | .114 | .033 | .211 | .111 | .033 | .204 | .109 | .033 | |
| 6.0 | .214 | .107 | .031 | .210 | .106 | .031 | .203 | .104 | .030 | .196 | .102 | .030 | .190 | .100 | .030 | |
| 7.0 | .199 | .098 | .028 | .196 | .098 | .028 | .189 | .096 | .028 | .183 | .094 | .027 | .177 | .092 | .027 | |
| 8.0 | .186 | .091 | .026 | .183 | .090 | .025 | .177 | .088 | .025 | .172 | .087 | .025 | .167 | .085 | .025 | |
| 9.0 | .174 | .084 | .024 | .172 | .084 | .023 | .166 | .082 | .023 | .161 | .081 | .023 | .157 | .080 | .023 | |
| 10.0 | .164 | .079 | .022 | .161 | .078 | .022 | .157 | .077 | .022 | .152 | .076 | .021 | .148 | .074 | .021 | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .180 | .156 | .134 | .154 | .134 | .116 | .106 | .092 | .080 | .061 | .053 | .046 | .019 | .017 | .015 | |
| 2.0 | .172 | .132 | .098 | .148 | .114 | .085 | .101 | .079 | .059 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .165 | .114 | .074 | .141 | .099 | .064 | .097 | .069 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .157 | .101 | .058 | .135 | .087 | .051 | .093 | .061 | .036 | .054 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .150 | .091 | .047 | .128 | .078 | .041 | .088 | .055 | .029 | .051 | .032 | .017 | .017 | .010 | .006 | |
| 6.0 | .142 | .082 | .039 | .122 | .071 | .034 | .084 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | |
| 7.0 | .136 | .075 | .033 | .117 | .065 | .029 | .081 | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .129 | .070 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .014 | .008 | .003 | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .073 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .117 | .060 | .022 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

Uncorrected UGR Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|-------------|---------------|----------------|-------------------|------|------|------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | | | | | | | | | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | | | | | TYPE:16W | | | WEIGHT: | | | |
| DIM.: | | | | | SPEC.:3000K | | | SERIAL No.:1 | | | |
| MFR.: | | | | | SUR.:0.030 | | | PROTECTION 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 | 23.0 | 24.5 | 23.2 | 24.7 | 24.9 | 22.8 | 24.3 | 23.1 | 24.5 | 24.7 | |
| | 3H | 24.5 | 25.9 | 24.8 | 26.2 | 26.4 | 24.3 | 25.7 | 24.6 | 26.0 | 26.2 |
| | 4H | 25.2 | 26.5 | 25.5 | 26.8 | 27.0 | 24.9 | 26.3 | 25.2 | 26.5 | 26.8 |
| | 6H | 25.7 | 26.9 | 26.0 | 27.2 | 27.5 | 25.3 | 26.6 | 25.7 | 26.9 | 27.1 |
| | 8H | 25.8 | 27.0 | 26.2 | 27.3 | 27.6 | 25.5 | 26.7 | 25.8 | 27.0 | 27.3 |
| | 12H | 25.9 | 27.1 | 26.3 | 27.4 | 27.7 | 25.5 | 26.7 | 25.9 | 27.0 | 27.3 |
| 4H | 2H | 23.6 | 24.9 | 23.9 | 25.2 | 25.4 | 23.5 | 24.8 | 23.8 | 25.0 | 25.3 |
| | 3H | 25.3 | 26.5 | 25.7 | 26.8 | 27.1 | 25.2 | 26.3 | 25.5 | 26.6 | 26.9 |
| | 4H | 26.1 | 27.2 | 26.5 | 27.5 | 27.8 | 25.9 | 26.9 | 26.2 | 27.3 | 27.6 |
| | 6H | 26.7 | 27.7 | 27.1 | 28.0 | 28.4 | 26.4 | 27.4 | 26.8 | 27.7 | 28.1 |
| | 8H | 26.9 | 27.8 | 27.3 | 28.2 | 28.6 | 26.6 | 27.5 | 27.0 | 27.8 | 28.2 |
| | 12H | 27.1 | 27.9 | 27.5 | 28.3 | 28.7 | 26.7 | 27.5 | 27.1 | 27.9 | 28.3 |
| 8H | 4H | 26.4 | 27.3 | 26.8 | 27.6 | 28.0 | 26.2 | 27.1 | 26.6 | 27.4 | 27.8 |
| | 6H | 27.1 | 27.9 | 27.6 | 28.3 | 28.7 | 26.9 | 27.6 | 27.3 | 28.0 | 28.4 |
| | 8H | 27.5 | 28.1 | 27.9 | 28.5 | 29.0 | 27.1 | 27.8 | 27.6 | 28.2 | 28.6 |
| | 12H | 27.7 | 28.3 | 28.2 | 28.7 | 29.2 | 27.3 | 27.9 | 27.8 | 28.3 | 28.8 |
| 12H | 4H | 26.4 | 27.2 | 26.8 | 27.6 | 28.0 | 26.2 | 27.0 | 26.6 | 27.4 | 27.8 |
| | 6H | 27.2 | 27.9 | 27.7 | 28.3 | 28.7 | 26.9 | 27.6 | 27.4 | 28.0 | 28.5 |
| | 8H | 27.6 | 28.1 | 28.0 | 28.6 | 29.0 | 27.2 | 27.8 | 27.7 | 28.2 | 28.7 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117 Corrected 1623 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.7)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION ANGLE: |

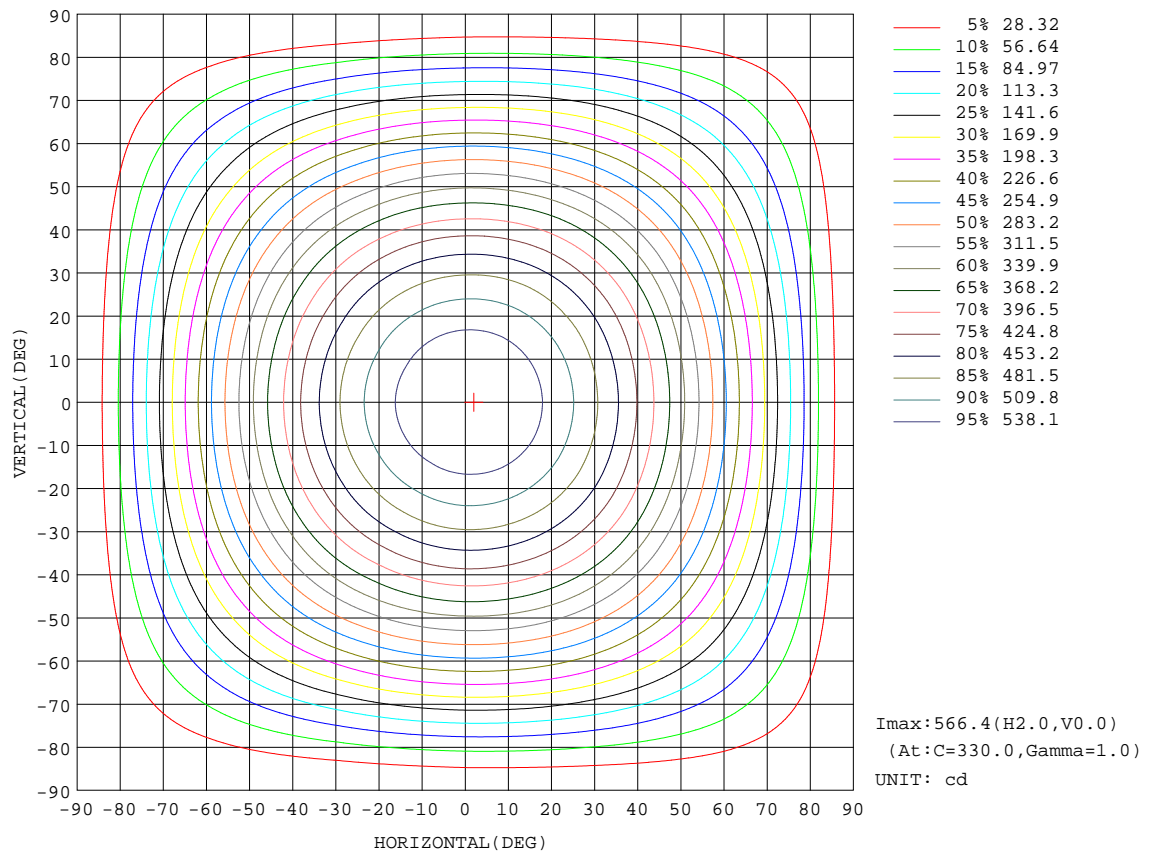
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 57 | 46 | 39 | 57 | 46 | 39 | 55 | 45 | 38 | 32 |
| 0.80 | 67 | 56 | 48 | 66 | 55 | 48 | 65 | 55 | 48 | 41 |
| 1.00 | 76 | 65 | 57 | 75 | 64 | 57 | 72 | 66 | 57 | 49 |
| 1.25 | 83 | 72 | 65 | 82 | 72 | 65 | 79 | 70 | 64 | 57 |
| 1.50 | 88 | 78 | 71 | 86 | 77 | 71 | 83 | 75 | 69 | 62 |
| 2.00 | 95 | 86 | 80 | 93 | 85 | 79 | 90 | 83 | 78 | 70 |
| 2.50 | 99 | 91 | 85 | 97 | 90 | 84 | 93 | 87 | 82 | 74 |
| 3.00 | 102 | 95 | 90 | 100 | 94 | 89 | 96 | 91 | 87 | 78 |
| 4.00 | 106 | 100 | 96 | 104 | 99 | 94 | 100 | 95 | 92 | 83 |
| 5.00 | 109 | 104 | 100 | 106 | 102 | 98 | 102 | 98 | 95 | 86 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | | | | | | | |
| Suspended | | | | | | | | | | |
| SHRNOM = 1.25 | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION ANGLE: |



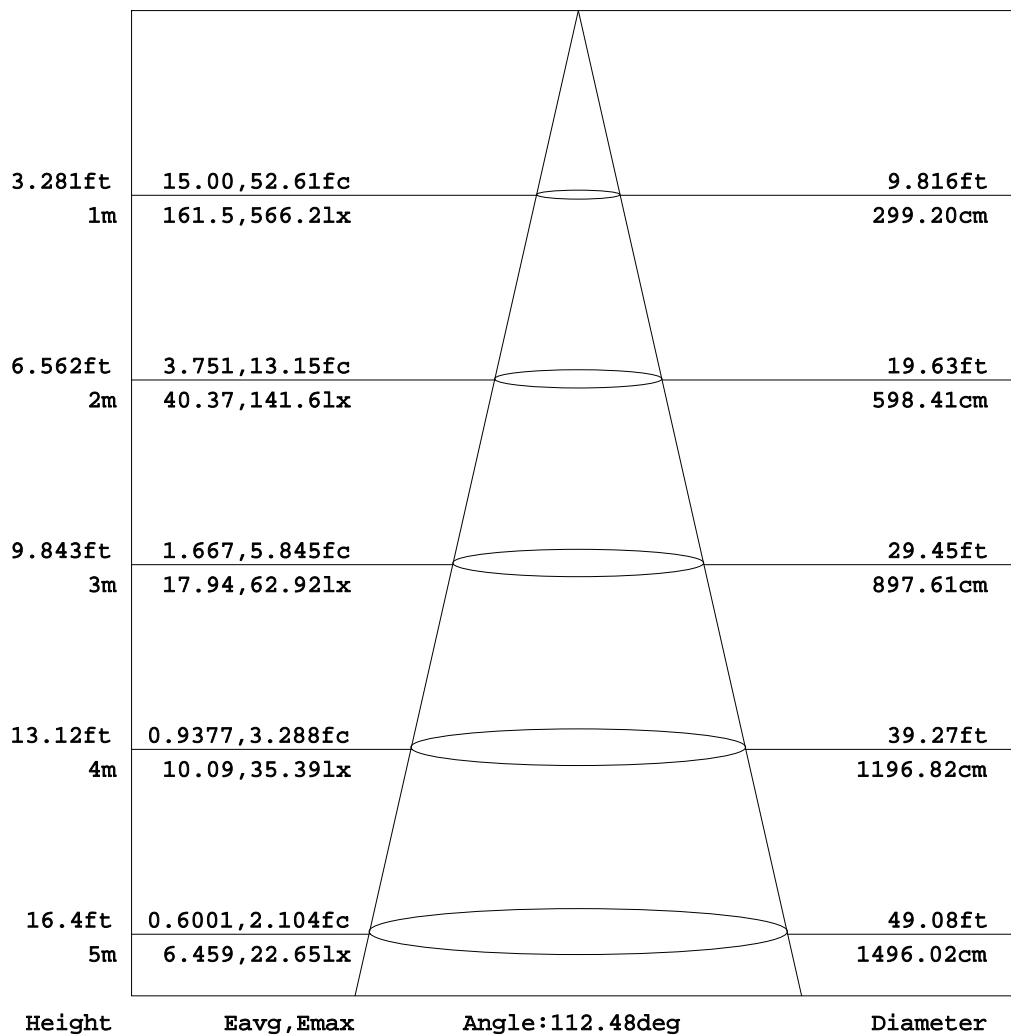
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION ANGLE: |

Flux out:1203 lm



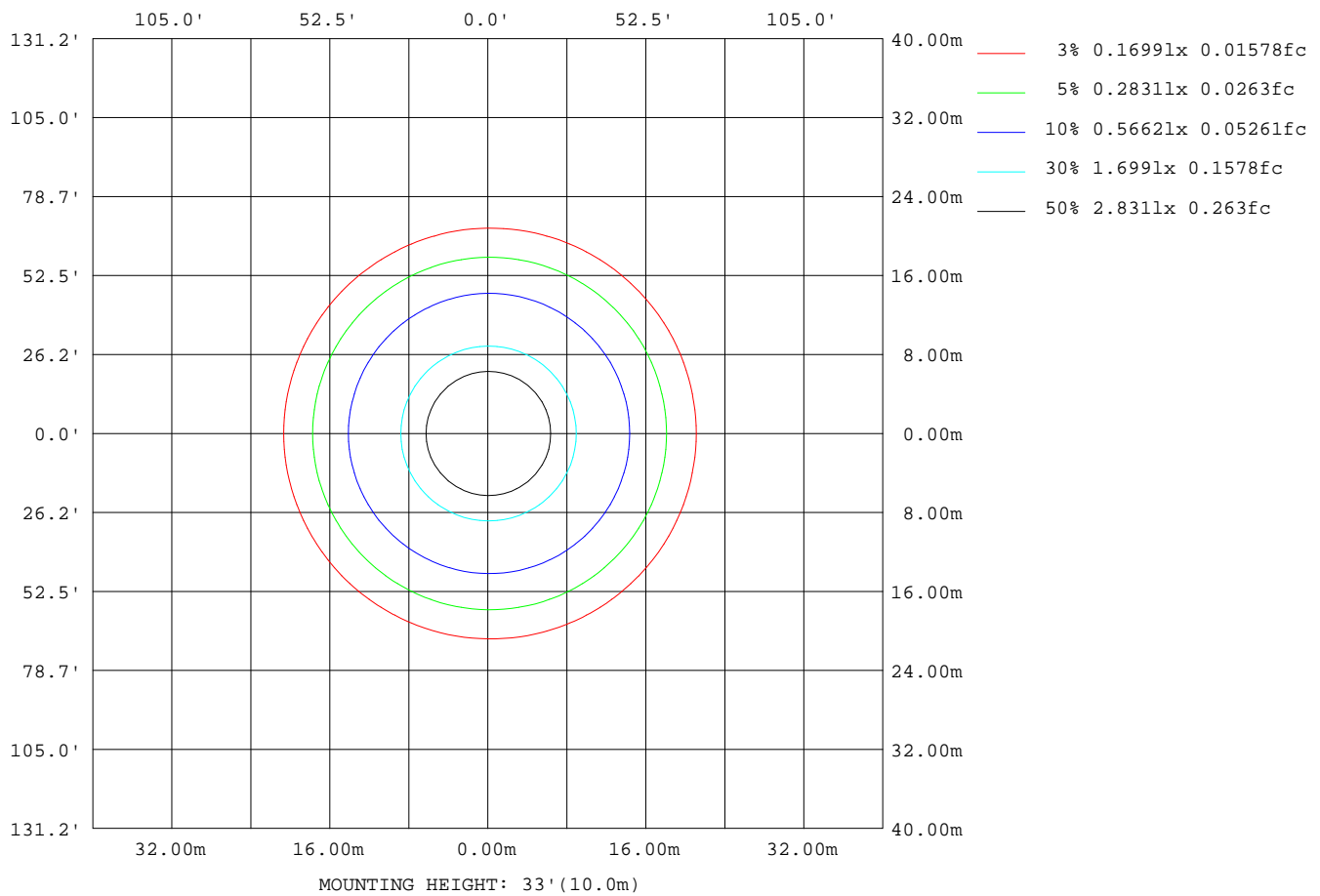
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity: 65.0%
Test Distance: 9.443m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

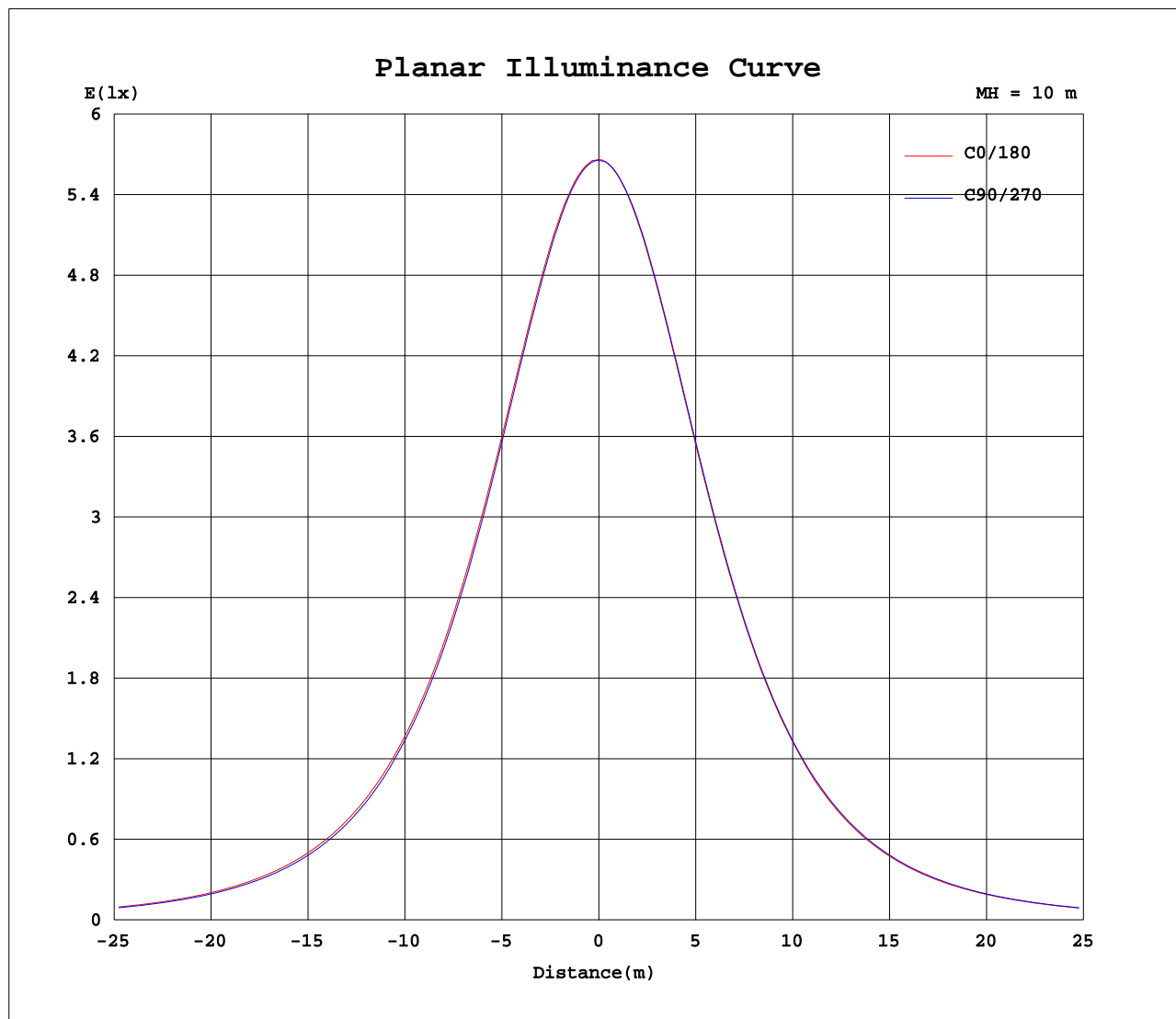
| | | |
|---|-------------|-------------------|
| Test:U:230.0V I:0.0760A P:16.30W PF:0.9230 Lamp Flux:1623.46x1 lm | | |
| NAME: UP-DL222B-8-16W-AC3-3000K | TYPE:16W | WEIGHT: |
| DIM.: | SPEC.:3000K | SERIAL No.:1 |
| MFR.: | SUR.:0.030 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2019-08-22

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity: 65.0%
Test Distance: 9.443m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.276
Humidity:65.0%
Test Distance:9.443m [K=1.0000]
Remarks:

```