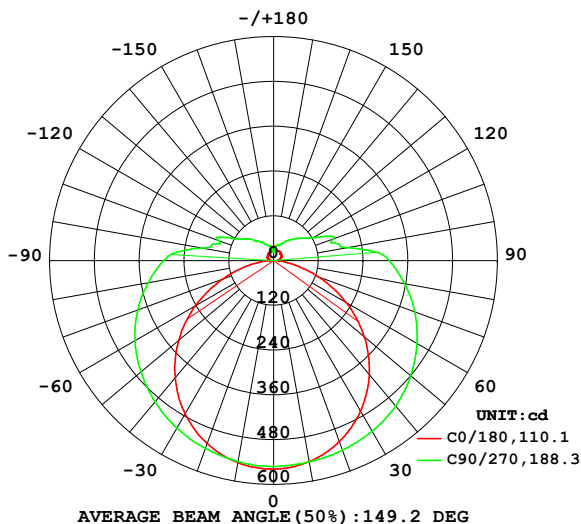


## LUMINAIRE PHOTOMETRIC TEST REPORT

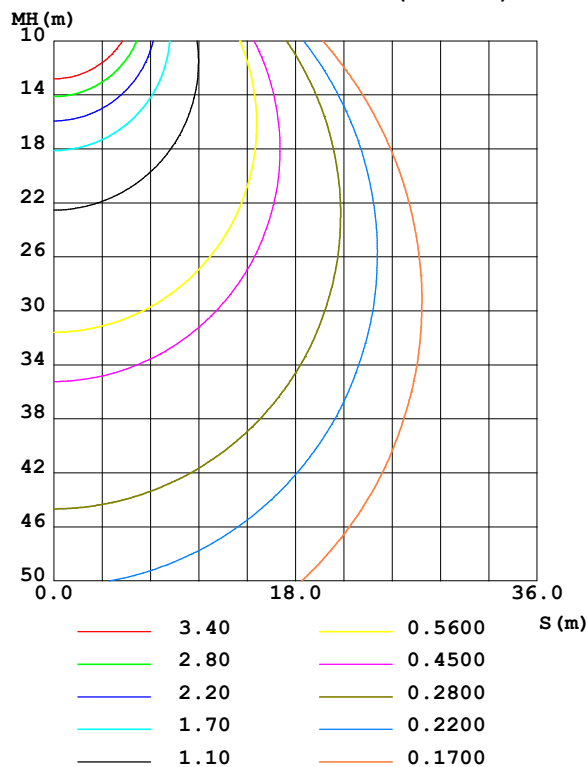
|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

| DATA OF LAMP     |         | PHOTOMETRIC DATA Eff: 85.51 lm/W |         |                   |          |
|------------------|---------|----------------------------------|---------|-------------------|----------|
| MODEL            | 3500K   | I <sub>max</sub> (cd)            | 558.8   | S/MH(C0/180)      | 1.26     |
| NOMINAL POWER(W) | 30      | LOR(%)                           | 100.0   | S/MH(C90/270)     | 1.42     |
| RATED VOLTAGE(V) | 120     | TOTAL FLUX(lm)                   | 2624.3  | η UP,DN(C0-180)   | 9.6,40.7 |
| NOMINAL FLUX(lm) | 2624.29 | CIE CLASS                        | SEMI-D. | η UP,DN(C180-360) | 9.1,40.6 |
| LAMPS INSIDE     | 1       | η up(%)                          | 18.7    | CIBSE SHR NOM     | 1.50     |
| TEST VOLTAGE(V)  | 120     | η down(%)                        | 81.3    | CIBSE SHR MAX     | 1.55     |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

| $\gamma$ | C0                    | C90   | C180  | C270  |  |  |  |  | $\gamma$ | $\Phi$ zone | $\Phi$ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|--|--|--|--|----------|-------------|--------------|------------|
| 10       | 547.4                 | 547.9 | 549.8 | 547.2 |  |  |  |  | 0- 10    | 52.65       | 52.65        | 2.01,2.01  |
| 20       | 516.1                 | 540.8 | 521.6 | 535.4 |  |  |  |  | 10- 20   | 152.5       | 205.2        | 7.82,7.82  |
| 30       | 466.1                 | 528.1 | 474.6 | 518.4 |  |  |  |  | 20- 30   | 237.2       | 442.4        | 16.9,16.9  |
| 40       | 398.9                 | 508.3 | 410.7 | 494.1 |  |  |  |  | 30- 40   | 298.4       | 740.8        | 28.2,28.2  |
| 50       | 317.5                 | 479.7 | 331.8 | 464.1 |  |  |  |  | 40- 50   | 329.7       | 1070         | 40.8,40.8  |
| 60       | 224.5                 | 443.9 | 241.8 | 429.3 |  |  |  |  | 50- 60   | 328.8       | 1399         | 53.3,53.3  |
| 70       | 128.4                 | 402.7 | 144.9 | 387.5 |  |  |  |  | 60- 70   | 297.7       | 1697         | 64.7,64.7  |
| 80       | 45.39                 | 356.0 | 58.59 | 341.1 |  |  |  |  | 70- 80   | 245.4       | 1942         | 74,74      |
| 90       | 11.98                 | 309.6 | 11.80 | 294.9 |  |  |  |  | 80- 90   | 191.9       | 2134         | 81.3,81.3  |
| 100      | 14.75                 | 201.3 | 11.98 | 196.9 |  |  |  |  | 90-100   | 148.9       | 2283         | 87,87      |
| 110      | 19.78                 | 169.8 | 17.36 | 157.6 |  |  |  |  | 100-110  | 99.15       | 2382         | 90.8,90.8  |
| 120      | 22.97                 | 121.9 | 19.79 | 117.5 |  |  |  |  | 110-120  | 84.51       | 2467         | 94,94      |
| 130      | 25.54                 | 93.86 | 21.35 | 91.00 |  |  |  |  | 120-130  | 56.85       | 2524         | 96.2,96.2  |
| 140      | 27.96                 | 74.12 | 23.37 | 68.39 |  |  |  |  | 130-140  | 40.95       | 2565         | 97.7,97.7  |
| 150      | 29.18                 | 56.34 | 24.36 | 54.65 |  |  |  |  | 140-150  | 28.52       | 2593         | 98.8,98.8  |
| 160      | 29.40                 | 44.94 | 25.28 | 43.61 |  |  |  |  | 150-160  | 17.55       | 2611         | 99.5,99.5  |
| 170      | 35.02                 | 40.00 | 33.09 | 38.28 |  |  |  |  | 160-170  | 10.38       | 2621         | 99.9,99.9  |
| 180      | 38.54                 | 23.54 | 38.56 | 23.54 |  |  |  |  | 170-180  | 3.188       | 2624         | 100,100    |
| DEG      | LUMINOUS INTENSITY:cd |       |       |       |  |  |  |  |          | UNIT:lm     |              |            |

Conical surface Flux(90deg): 903.73 lm

%lum = 34.4%

%lamp = 34.4%

Conical surface Flux(120deg): 1399.2 lm

%lum = 53.3%

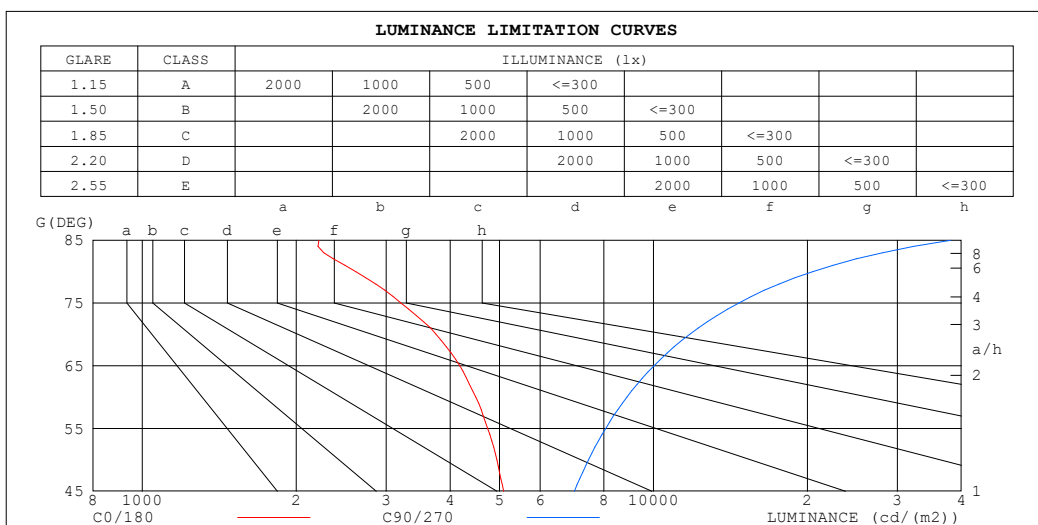
%lamp = 53.3%

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:10 February 2026

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
 Humidity:65.0%  
 Test Distance:7.380m [K=1.0000]  
 Remarks:

## LUMINANCE LIMITATION CURVES

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



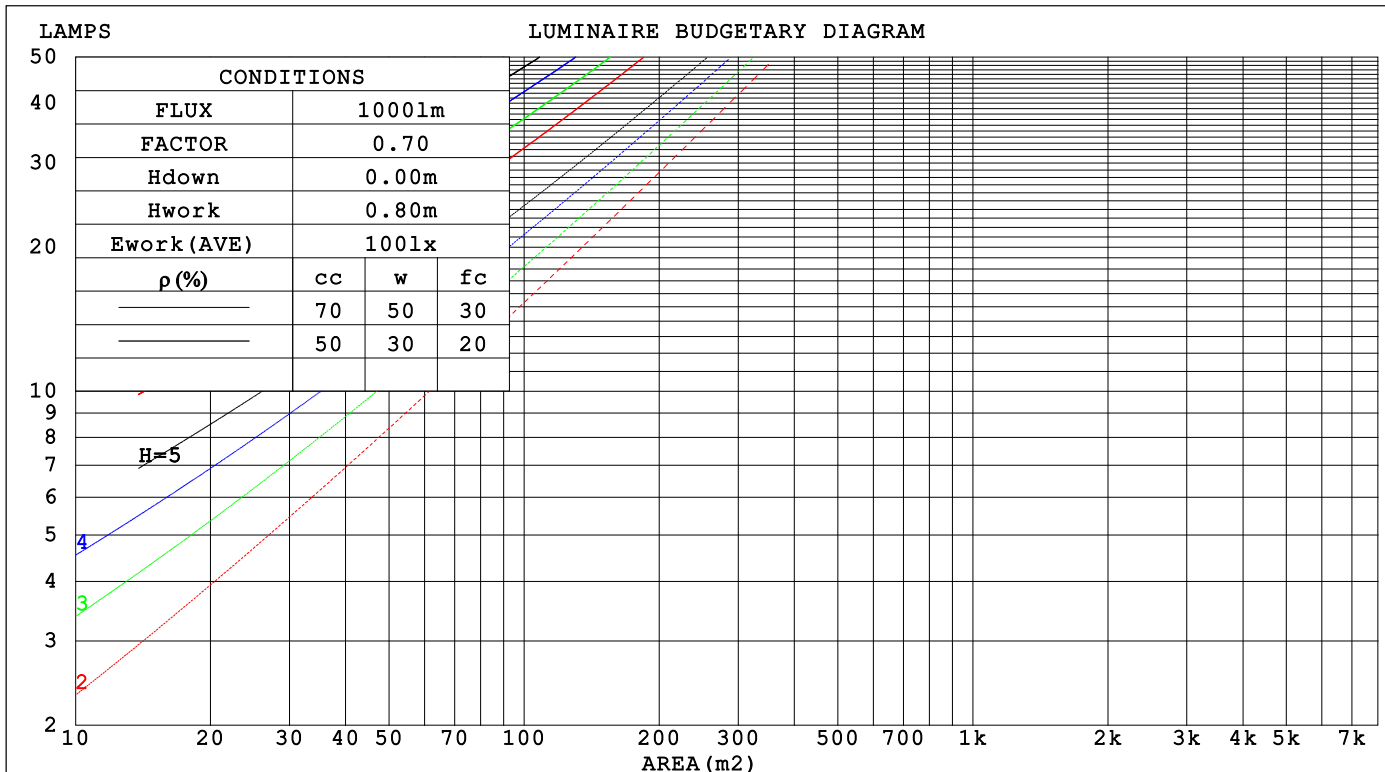
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | 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  | 1.15                  | 1.15 | 1.15 | 1.10 | 1.10 | 1.10 | 1.01 | 1.01 | 1.01 | .92 | .92 | .92 | .85 | .85 | .85 | .81                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1.0  | .96                   | .90  | .85  | .91  | .87  | .82  | .84  | .80  | .76  | .76 | .73 | .71 | .70 | .67 | .65 | .62                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2.0  | .82                   | .74  | .67  | .78  | .71  | .65  | .71  | .66  | .61  | .65 | .61 | .56 | .60 | .56 | .52 | .49                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.0  | .71                   | .62  | .55  | .68  | .60  | .53  | .62  | .55  | .50  | .57 | .51 | .46 | .52 | .47 | .43 | .40                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4.0  | .62                   | .53  | .45  | .60  | .51  | .44  | .55  | .47  | .42  | .50 | .44 | .39 | .46 | .41 | .36 | .34                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5.0  | .55                   | .46  | .39  | .53  | .44  | .38  | .49  | .41  | .35  | .45 | .38 | .33 | .41 | .36 | .31 | .29                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.0  | .49                   | .40  | .33  | .47  | .39  | .32  | .44  | .36  | .31  | .40 | .34 | .29 | .37 | .31 | .27 | .25                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7.0  | .44                   | .35  | .29  | .43  | .34  | .28  | .40  | .32  | .27  | .36 | .30 | .25 | .34 | .28 | .24 | .22                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8.0  | .40                   | .32  | .26  | .39  | .31  | .25  | .36  | .29  | .24  | .33 | .27 | .22 | .31 | .25 | .21 | .19                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.0  | .37                   | .29  | .23  | .36  | .28  | .22  | .33  | .26  | .21  | .31 | .25 | .20 | .28 | .23 | .19 | .17                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10.0 | .34                   | .26  | .21  | .33  | .25  | .20  | .30  | .24  | .19  | .28 | .22 | .18 | .26 | .21 | .17 | .15                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

### WEC AND CCEC

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | 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  | .383                  | .218 | .069 | .370 | .211 | .067 | .346                            | .199 | .063 | .324 | .187 | .060 | .303 | .176 | .057 |   |  |
| 2.0  | .332                  | .182 | .056 | .321 | .177 | .054 | .299                            | .166 | .052 | .279 | .156 | .049 | .260 | .147 | .046 |   |  |
| 3.0  | .296                  | .157 | .047 | .285 | .153 | .046 | .265                            | .144 | .044 | .247 | .135 | .042 | .230 | .127 | .039 |   |  |
| 4.0  | .266                  | .138 | .041 | .257 | .134 | .040 | .239                            | .127 | .038 | .222 | .119 | .036 | .207 | .112 | .034 |   |  |
| 5.0  | .242                  | .123 | .036 | .233 | .120 | .035 | .217                            | .113 | .033 | .202 | .107 | .032 | .188 | .100 | .030 |   |  |
| 6.0  | .222                  | .111 | .032 | .214 | .108 | .031 | .199                            | .102 | .030 | .185 | .096 | .028 | .172 | .091 | .027 |   |  |
| 7.0  | .205                  | .101 | .029 | .197 | .098 | .028 | .184                            | .093 | .027 | .171 | .088 | .026 | .159 | .083 | .024 |   |  |
| 8.0  | .190                  | .093 | .026 | .183 | .090 | .025 | .171                            | .085 | .024 | .159 | .081 | .023 | .148 | .076 | .022 |   |  |
| 9.0  | .177                  | .086 | .024 | .171 | .083 | .023 | .159                            | .079 | .022 | .148 | .074 | .021 | .138 | .070 | .020 |   |  |
| 10.0 | .166                  | .079 | .022 | .160 | .077 | .022 | .149                            | .073 | .021 | .139 | .069 | .020 | .130 | .065 | .019 |   |  |

| 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  | .333                  | .333 | .333 | .284 | .284 | .284 | .194                                        | .194 | .194 | .112 | .112 | .112 | .036 | .036 | .036 |   |  |
| 1.0  | .329                  | .299 | .272 | .281 | .257 | .234 | .192                                        | .177 | .162 | .111 | .102 | .094 | .035 | .033 | .030 |   |  |
| 2.0  | .322                  | .276 | .237 | .276 | .238 | .205 | .189                                        | .164 | .143 | .109 | .096 | .084 | .035 | .031 | .027 |   |  |
| 3.0  | .315                  | .260 | .216 | .270 | .224 | .187 | .185                                        | .156 | .131 | .107 | .091 | .077 | .034 | .030 | .025 |   |  |
| 4.0  | .307                  | .247 | .202 | .263 | .214 | .175 | .181                                        | .149 | .123 | .105 | .087 | .073 | .034 | .028 | .024 |   |  |
| 5.0  | .299                  | .237 | .192 | .257 | .205 | .167 | .177                                        | .143 | .118 | .103 | .084 | .070 | .033 | .027 | .023 |   |  |
| 6.0  | .292                  | .229 | .185 | .251 | .199 | .161 | .173                                        | .139 | .114 | .100 | .082 | .068 | .032 | .027 | .022 |   |  |
| 7.0  | .285                  | .223 | .180 | .245 | .193 | .156 | .169                                        | .135 | .111 | .098 | .080 | .066 | .032 | .026 | .022 |   |  |
| 8.0  | .278                  | .217 | .176 | .239 | .189 | .153 | .166                                        | .132 | .109 | .096 | .078 | .065 | .031 | .026 | .021 |   |  |
| 9.0  | .272                  | .213 | .173 | .234 | .184 | .151 | .162                                        | .130 | .107 | .095 | .077 | .064 | .031 | .025 | .021 |   |  |
| 10.0 | .266                  | .208 | .170 | .229 | .181 | .148 | .159                                        | .127 | .105 | .093 | .075 | .063 | .030 | .025 | .021 |   |  |

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

## UGR(Unified Glare Rating) Table

|                                                                                     |                  |      |      |      |       |                |      |                  |      |      |
|-------------------------------------------------------------------------------------|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |                  |      |      |      |       |                |      |                  |      |      |
| NAME: WS36-033B-BN 30W 35K                                                          |                  |      |      |      | TYPE: |                |      | WEIGHT:          |      |      |
| SPEC.:                                                                              |                  |      |      |      | DIM.: |                |      | SERIAL No.: 1    |      |      |
| MFR.: EVERFINE                                                                      |                  |      |      |      | 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 |      |      |      |       | Viewed endwise |      |                  |      |      |
| x = 2H y = 2H                                                                       | 13.6             | 15.0 | 14.1 | 15.5 | 16.1  | 16.0           | 17.3 | 16.5             | 17.9 | 18.4 |
| 3H                                                                                  | 15.0             | 16.3 | 15.6 | 16.8 | 17.4  | 18.8           | 20.1 | 19.3             | 20.6 | 21.2 |
| 4H                                                                                  | 15.5             | 16.7 | 16.1 | 17.3 | 17.9  | 20.4           | 21.6 | 20.9             | 22.1 | 22.8 |
| 6H                                                                                  | 15.8             | 17.0 | 16.4 | 17.6 | 18.2  | 22.1           | 23.3 | 22.7             | 23.9 | 24.5 |
| 8H                                                                                  | 15.9             | 17.0 | 16.5 | 17.6 | 18.3  | 23.1           | 24.2 | 23.7             | 24.8 | 25.5 |
| 12H                                                                                 | 16.0             | 17.0 | 16.6 | 17.6 | 18.3  | 24.3           | 25.3 | 24.9             | 25.9 | 26.6 |
| 4H 2H                                                                               | 14.7             | 15.9 | 15.3 | 16.5 | 17.1  | 16.5           | 17.7 | 17.0             | 18.2 | 18.9 |
| 3H                                                                                  | 16.4             | 17.5 | 17.0 | 18.1 | 18.8  | 19.5           | 20.5 | 20.1             | 21.1 | 21.8 |
| 4H                                                                                  | 17.2             | 18.1 | 17.8 | 18.7 | 19.5  | 21.2           | 22.2 | 21.9             | 22.8 | 23.5 |
| 6H                                                                                  | 17.7             | 18.6 | 18.4 | 19.2 | 20.0  | 23.2           | 24.1 | 23.9             | 24.7 | 25.5 |
| 8H                                                                                  | 17.9             | 18.7 | 18.6 | 19.4 | 20.1  | 24.3           | 25.1 | 25.0             | 25.8 | 26.6 |
| 12H                                                                                 | 18.0             | 18.8 | 18.7 | 19.5 | 20.2  | 25.6           | 26.4 | 26.3             | 27.1 | 27.9 |
| 8H 4H                                                                               | 18.2             | 19.0 | 18.9 | 19.7 | 20.5  | 21.5           | 22.3 | 22.1             | 22.9 | 23.7 |
| 6H                                                                                  | 19.2             | 19.8 | 19.8 | 20.5 | 21.3  | 23.7           | 24.4 | 24.4             | 25.1 | 25.9 |
| 8H                                                                                  | 19.6             | 20.2 | 20.3 | 20.9 | 21.7  | 25.0           | 25.6 | 25.7             | 26.4 | 27.2 |
| 12H                                                                                 | 19.9             | 20.4 | 20.6 | 21.2 | 22.0  | 26.6           | 27.1 | 27.3             | 27.9 | 28.7 |
| 12H 4H                                                                              | 18.6             | 19.3 | 19.2 | 20.0 | 20.8  | 21.5           | 22.2 | 22.2             | 22.9 | 23.7 |
| 6H                                                                                  | 19.7             | 20.3 | 20.4 | 21.1 | 21.9  | 23.8           | 24.4 | 24.5             | 25.1 | 25.9 |
| 8H                                                                                  | 20.3             | 20.9 | 21.1 | 21.6 | 22.4  | 25.2           | 25.7 | 25.9             | 26.5 | 27.3 |
| Variations with the observer position at spacings(CIE Pub.117):                     |                  |      |      |      |       |                |      |                  |      |      |
| S = 1.0H                                                                            | + 0.1 / - 0.2    |      |      |      |       | + 0.1 / - 0.1  |      |                  |      |      |
| 1.5H                                                                                | + 0.2 / - 0.3    |      |      |      |       | + 0.2 / - 0.2  |      |                  |      |      |
| 2.0H                                                                                | + 0.3 / - 0.5    |      |      |      |       | + 0.2 / - 0.3  |      |                  |      |      |

CIE Pub.117, 2624 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.4)  
Area: 0.1 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

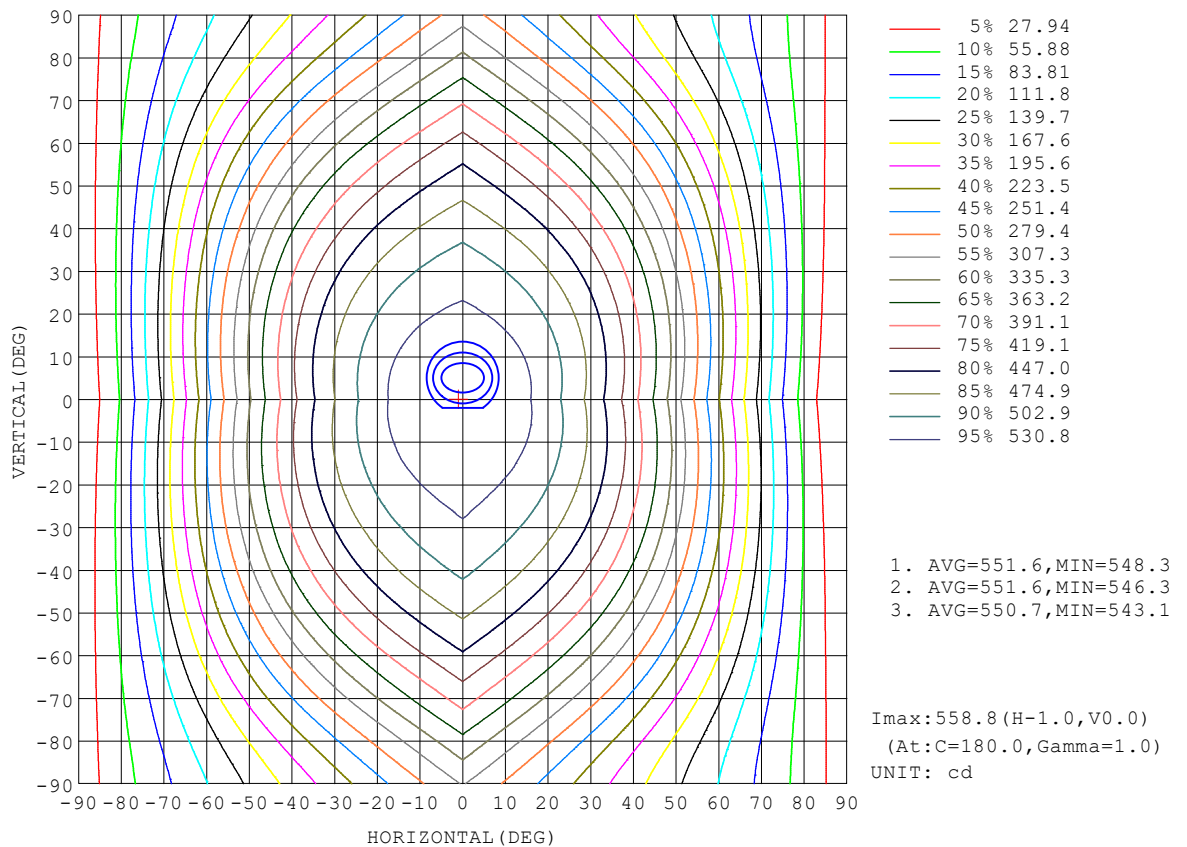
| REFLECTANCE                      |                                                      |     |           |     |     |     |     |               |     |        |
|----------------------------------|------------------------------------------------------|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| 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) $k(RI) \times RCR = 5$ |     |           |     |     |     |     |               |     |        |
| $k = 0.60$                       | 47                                                   | 35  | 28        | 46  | 35  | 28  | 44  | 34            | 27  | 20     |
| 0.80                             | 57                                                   | 44  | 36        | 55  | 43  | 35  | 52  | 41            | 34  | 26     |
| 1.00                             | 64                                                   | 52  | 43        | 62  | 50  | 43  | 59  | 51            | 41  | 32     |
| 1.25                             | 71                                                   | 59  | 50        | 69  | 57  | 49  | 65  | 55            | 48  | 38     |
| 1.50                             | 77                                                   | 64  | 56        | 74  | 63  | 55  | 69  | 59            | 53  | 42     |
| 2.00                             | 84                                                   | 73  | 64        | 81  | 71  | 63  | 75  | 67            | 60  | 48     |
| 2.50                             | 88                                                   | 78  | 70        | 85  | 76  | 68  | 78  | 71            | 65  | 52     |
| 3.00                             | 92                                                   | 83  | 75        | 88  | 80  | 73  | 82  | 75            | 69  | 56     |
| 4.00                             | 97                                                   | 89  | 82        | 93  | 86  | 80  | 86  | 80            | 75  | 60     |
| 5.00                             | 100                                                  | 93  | 87        | 96  | 89  | 84  | 88  | 83            | 79  | 63     |
| ROOM INDEX                       | UF (total)                                           |     |           |     |     |     |     |               |     | Direct |
| According to DIN EN 13032-2 2004 |                                                      |     | Suspended |     |     |     |     | SHRNOM = 1.25 |     |        |

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators: DAMIN  
Test Date: 10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 7.380m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



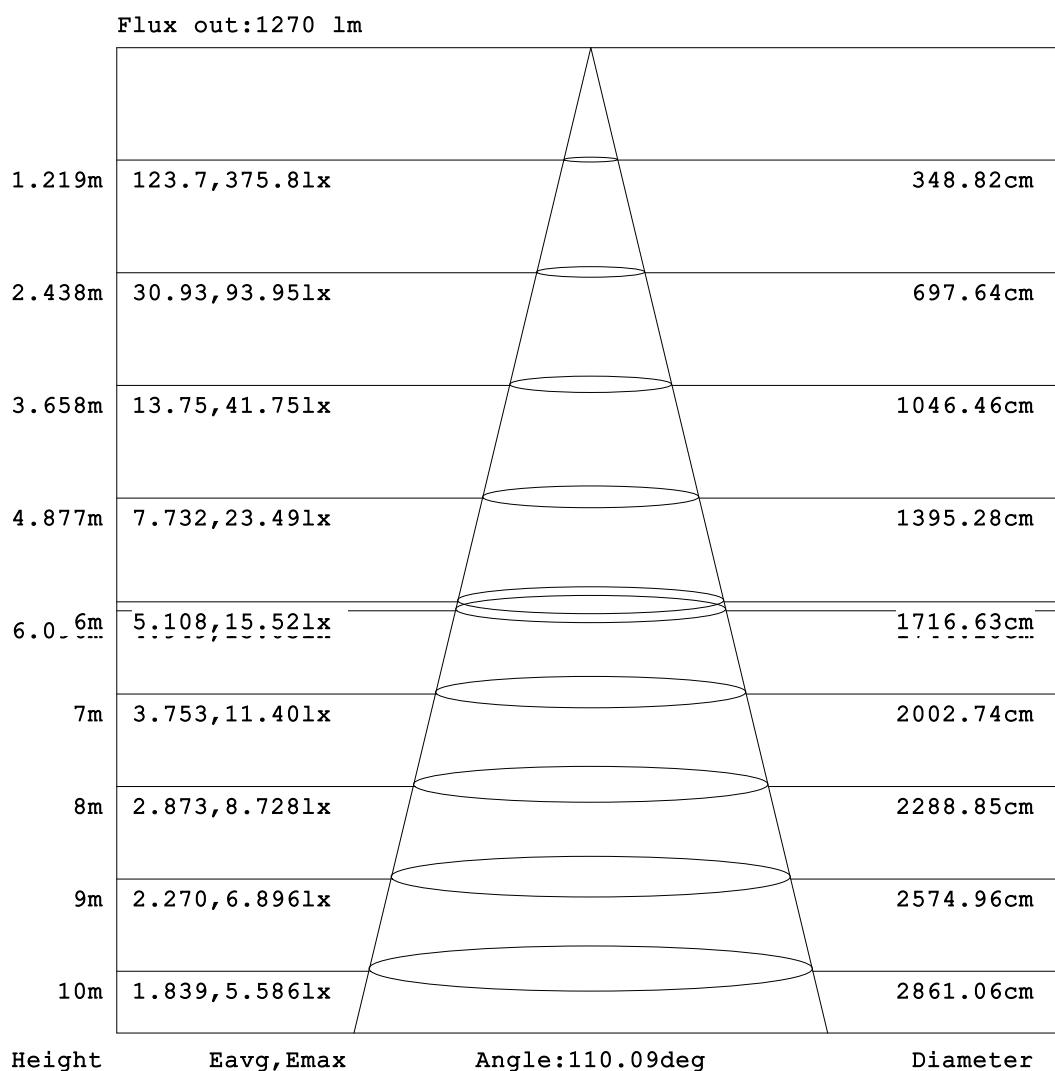
C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:



### AAI Figure

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



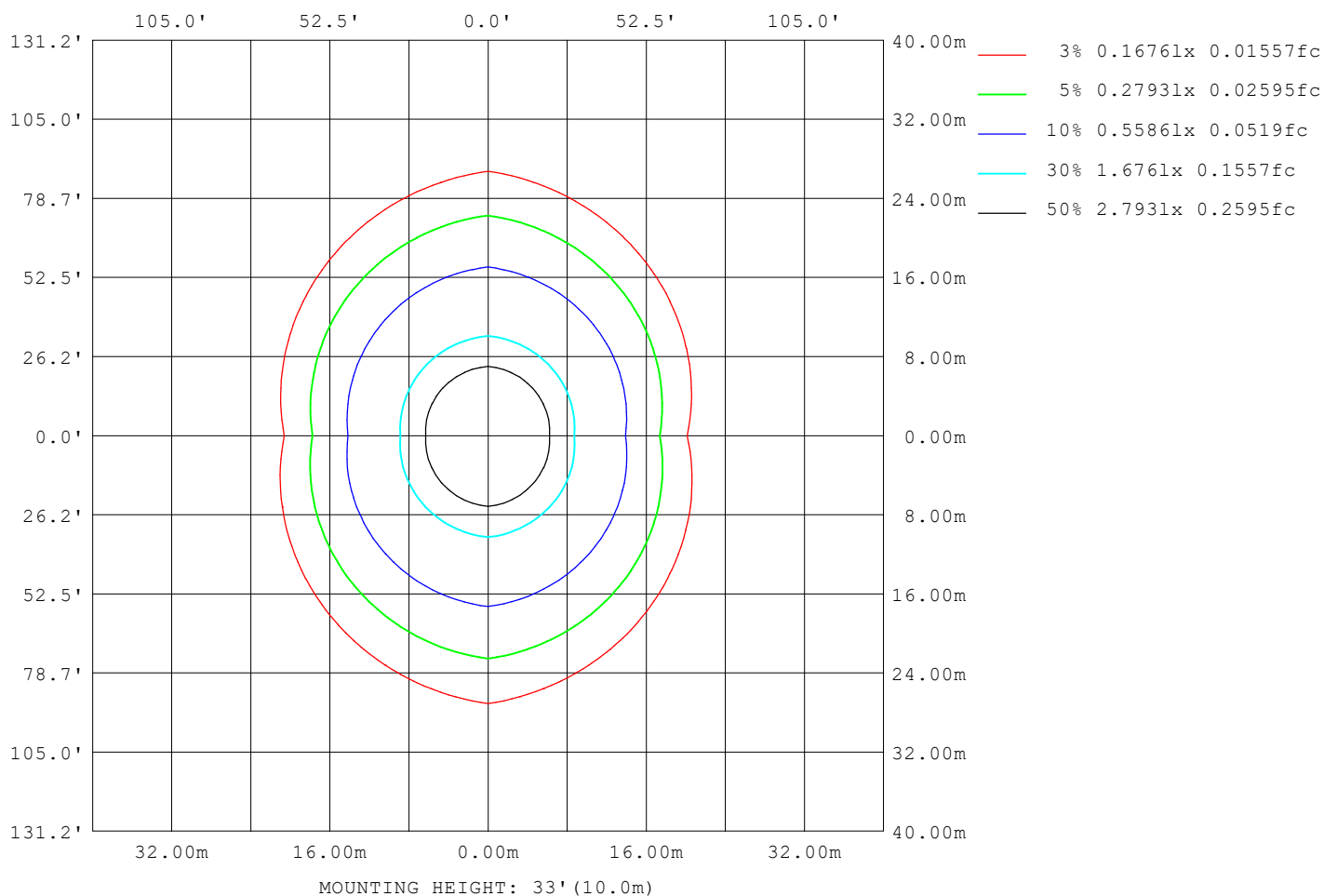
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: DAMIN  
Test Date: 10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 7.380m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: DAMIN  
Test Date: 10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 7.380m [K=1.0000]  
Remarks:

## LED Avg.L Report

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

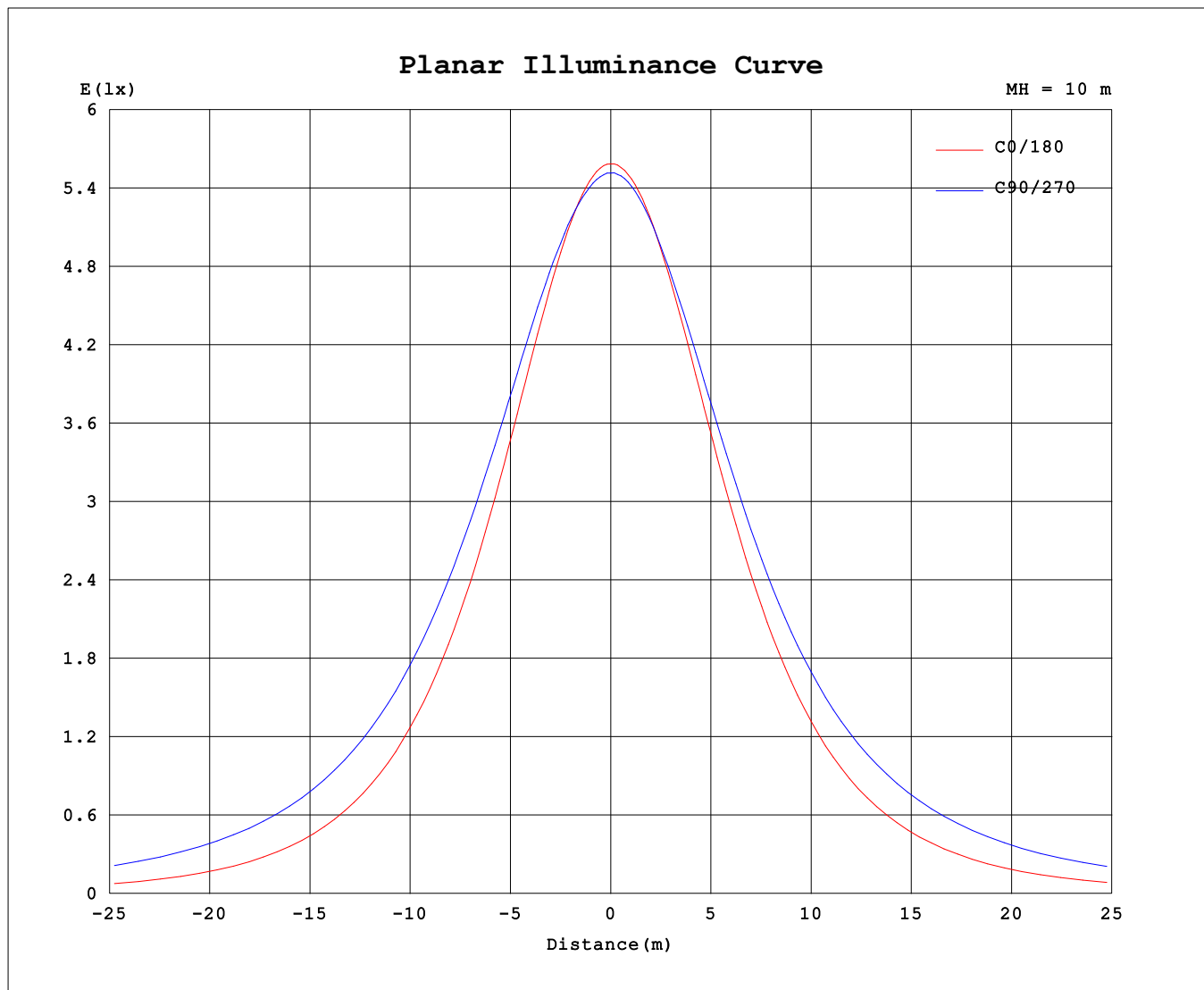
| AvgL             | cd/m2 |
|------------------|-------|
| L_0~180 (65) av  | 4368  |
| L_0~180 (75) av  | 3520  |
| L_0~180 (85) av  | 2718  |
| L_90~270 (65) av | 9850  |
| L_90~270 (75) av | 14388 |
| L_90~270 (85) av | 37334 |
| L_45 (65) av     | 7806  |
| L_45 (75) av     | 10332 |
| L_45 (85) av     | 24384 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:DAMIN  
Test Date:10 February 2026

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity:65.0%  
Test Distance:7.380m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3 °C  
Operators: DAMIN  
Test Date: 10 February 2026

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.459  
Humidity: 65.0%  
Test Distance: 7.380m [K=1.0000]  
Remarks:

### LUMINOUS DISTRIBUTION INTENSITY DATA

|                                                                                     |       |                  |
|-------------------------------------------------------------------------------------|-------|------------------|
| Test:U:119.85V I:0.2717A P:30.691W PF:0.9426 Freq:59.98Hz<br>Lamp Flux:2624.29x1 lm |       |                  |
| NAME: WS36-033B-BN 30W 35K                                                          | TYPE: | WEIGHT:          |
| SPEC.:                                                                              | DIM.: | SERIAL No.: 1    |
| MFR.: EVERFINE                                                                      | SUR.: | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG)<br>γ (DEG) | 0    | 90   | 180  | 270  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0                  | 559  | 552  | 559  | 552  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5                  | 555  | 550  | 557  | 551  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10                 | 547  | 548  | 550  | 547  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15                 | 534  | 545  | 538  | 542  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20                 | 516  | 541  | 522  | 535  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25                 | 493  | 535  | 500  | 528  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30                 | 466  | 528  | 475  | 518  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 35                 | 434  | 519  | 445  | 507  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40                 | 399  | 508  | 411  | 494  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 45                 | 360  | 495  | 373  | 480  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 50                 | 317  | 480  | 332  | 464  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 55                 | 272  | 463  | 288  | 447  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60                 | 224  | 444  | 242  | 429  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 65                 | 177  | 424  | 193  | 409  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70                 | 128  | 403  | 145  | 387  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 75                 | 83.0 | 380  | 99.2 | 365  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 80                 | 45.4 | 356  | 58.6 | 341  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 85                 | 19.3 | 333  | 28.1 | 318  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 90                 | 12.0 | 310  | 11.8 | 295  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95                 | 13.0 | 273  | 10.7 | 261  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 100                | 14.7 | 201  | 12.0 | 197  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 105                | 16.9 | 177  | 14.3 | 170  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 110                | 19.8 | 170  | 17.4 | 158  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 115                | 22.0 | 154  | 19.7 | 149  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 120                | 23.0 | 122  | 19.8 | 117  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 125                | 24.7 | 105  | 20.9 | 102  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 130                | 25.5 | 93.9 | 21.4 | 91.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 135                | 26.1 | 83.6 | 21.5 | 79.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 140                | 28.0 | 74.1 | 23.4 | 68.4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 145                | 29.2 | 65.7 | 24.7 | 61.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 150                | 29.2 | 56.3 | 24.4 | 54.7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 155                | 29.2 | 49.8 | 24.4 | 48.0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 160                | 29.4 | 44.9 | 25.3 | 43.6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 165                | 32.4 | 44.9 | 30.3 | 42.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 170                | 35.0 | 40.0 | 33.1 | 38.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 175                | 37.5 | 24.9 | 36.0 | 23.8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 180                | 38.5 | 23.5 | 38.6 | 23.5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:DAMIN

Test Date:10 February 2026

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.459

Humidity:65.0%

Test Distance:7.380m [K=1.0000]

Remarks: