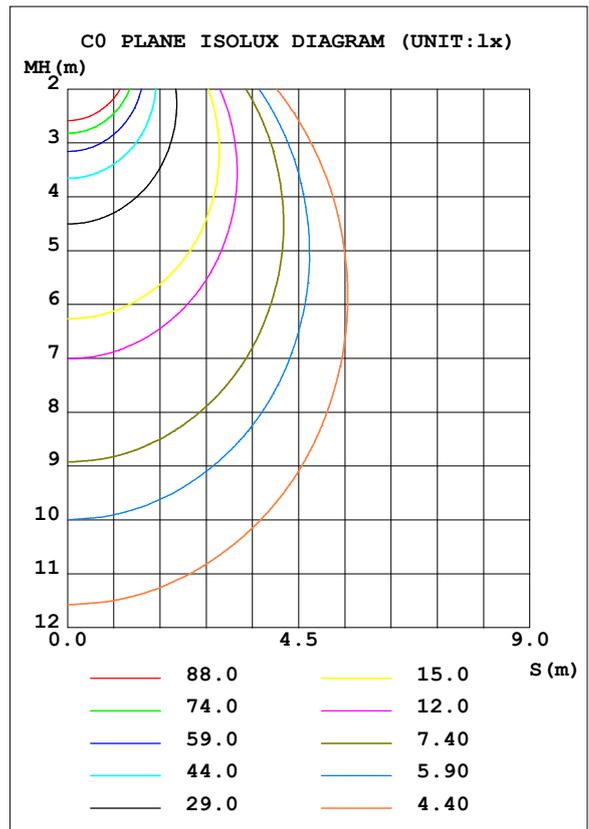
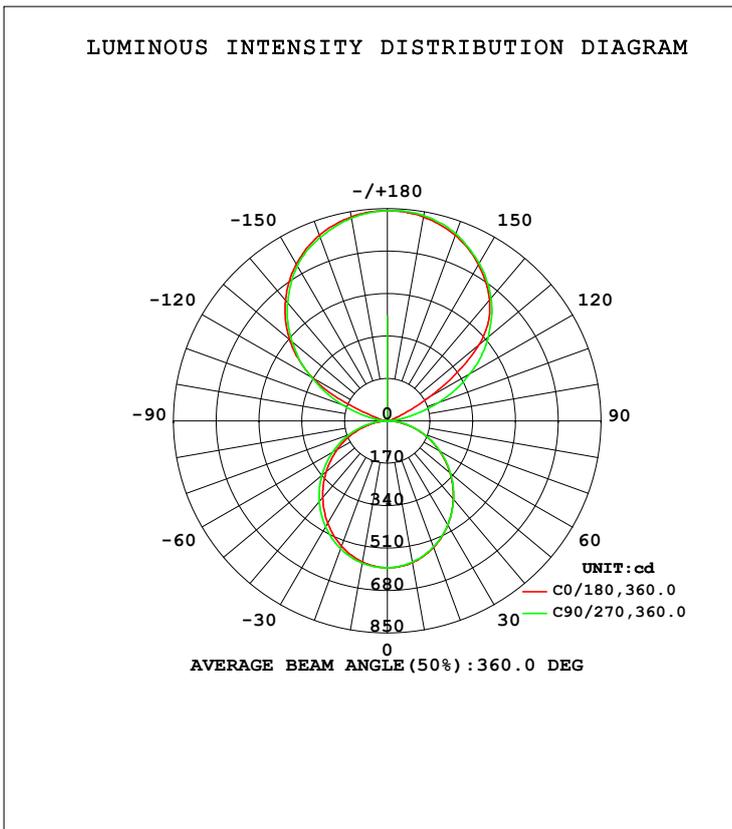


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-WH-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 127.01 lm/W | | | |
|-------------------|---------|-----------------------------------|---------|---------------------|------------|
| MODEL | | I _{max} (cd) | 843.8 | S/MH (C0/180) | 1.22 |
| NOMINAL POWER (W) | 30W | LOR (%) | 100.0 | S/MH (C90/270) | 1.24 |
| RATED VOLTAGE (V) | 120.0 | TOTAL FLUX (lm) | 3835.8 | η UP, DN (C0-180) | 29.1, 21.0 |
| NOMINAL FLUX (lm) | 3835.83 | CIE CLASS | DIFFUSE | η UP, DN (C180-360) | 28.8, 21.0 |
| LAMPS INSIDE | 1 | η up (%) | 58.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120.0 | η down (%) | 42.0 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

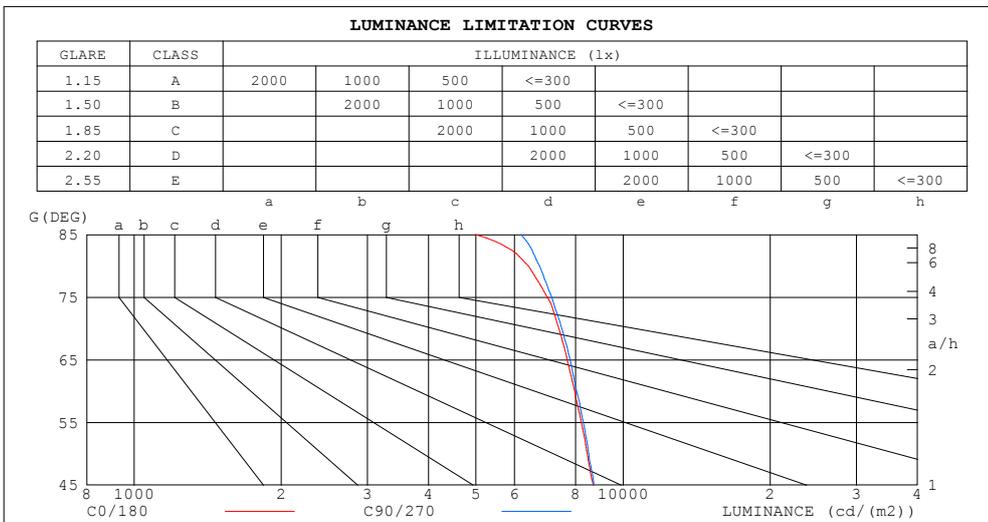
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|--------|-------|-------|-------|----------|-------------|--------------|------------|
| 10 | 576.3 | 575.4 | 574.4 | 576.4 | 574.1 | 576.2 | 578.9 | 576.2 | 0- 10 | 55.59 | 55.59 | 1.45,1.45 |
| 20 | 539.2 | 538.6 | 537.1 | 539.9 | 534.4 | 539.7 | 544.9 | 538.9 | 10- 20 | 158.0 | 213.5 | 5.57,5.57 |
| 30 | 481.4 | 481.3 | 481.2 | 483.4 | 474.1 | 483.1 | 491.3 | 481.4 | 20- 30 | 236.2 | 449.7 | 11.7,11.7 |
| 40 | 408.6 | 409.4 | 410.0 | 411.7 | 400.6 | 410.5 | 421.0 | 408.8 | 30- 40 | 279.9 | 729.6 | 19,19 |
| 50 | 325.8 | 327.5 | 328.0 | 330.5 | 317.6 | 328.8 | 340.8 | 326.2 | 40- 50 | 285.4 | 1015 | 26.5,26.5 |
| 60 | 238.8 | 240.5 | 241.0 | 244.2 | 230.9 | 241.2 | 252.3 | 238.2 | 50- 60 | 254.7 | 1270 | 33.1,33.1 |
| 70 | 151.7 | 153.2 | 153.8 | 157.1 | 142.9 | 152.9 | 162.9 | 149.9 | 60- 70 | 194.9 | 1465 | 38.2,38.2 |
| 80 | 66.64 | 69.17 | 70.32 | 72.27 | 56.25 | 67.80 | 74.72 | 65.31 | 70- 80 | 115.7 | 1580 | 41.2,41.2 |
| 90 | 1.840 | 2.108 | 1.098 | 2.146 | 0.9807 | 1.975 | 1.072 | 2.203 | 80- 90 | 32.01 | 1612 | 42,42 |
| 100 | 13.37 | 15.77 | 59.81 | 27.45 | 6.417 | 30.27 | 51.13 | 15.96 | 90-100 | 9.648 | 1622 | 42.3,42.3 |
| 110 | 34.50 | 80.30 | 216.6 | 191.5 | 82.84 | 196.2 | 190.1 | 93.13 | 100-110 | 74.45 | 1696 | 44.2,44.2 |
| 120 | 196.0 | 325.7 | 379.2 | 367.3 | 339.9 | 367.2 | 346.9 | 334.3 | 110-120 | 231.4 | 1928 | 50.3,50.3 |
| 130 | 476.2 | 507.8 | 524.9 | 516.1 | 507.3 | 513.3 | 494.6 | 502.2 | 120-130 | 380.5 | 2308 | 60.2,60.2 |
| 140 | 632.4 | 627.4 | 641.7 | 635.3 | 630.1 | 637.6 | 617.3 | 626.3 | 130-140 | 441.4 | 2750 | 71.7,71.7 |
| 150 | 723.5 | 724.3 | 730.0 | 731.6 | 725.3 | 727.4 | 716.6 | 717.4 | 140-150 | 425.8 | 3175 | 82.8,82.8 |
| 160 | 791.5 | 793.4 | 798.6 | 797.8 | 791.4 | 790.7 | 782.2 | 784.6 | 150-160 | 350.9 | 3526 | 91.9,91.9 |
| 170 | 829.2 | 831.4 | 834.8 | 832.9 | 829.6 | 829.1 | 824.5 | 825.4 | 160-170 | 229.7 | 3756 | 97.9,97.9 |
| 180 | 842.4 | 842.4 | 842.4 | 842.4 | 842.4 | 842.4 | 842.4 | 842.4 | 170-180 | 79.84 | 3836 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 4996 | 6186 |
| 80 | 6396 | 6749 |
| 75 | 6999 | 7150 |
| 70 | 7392 | 7495 |
| 65 | 7691 | 7793 |
| 60 | 7959 | 8034 |
| 55 | 8211 | 8295 |
| 50 | 8449 | 8505 |
| 45 | 8692 | 8716 |

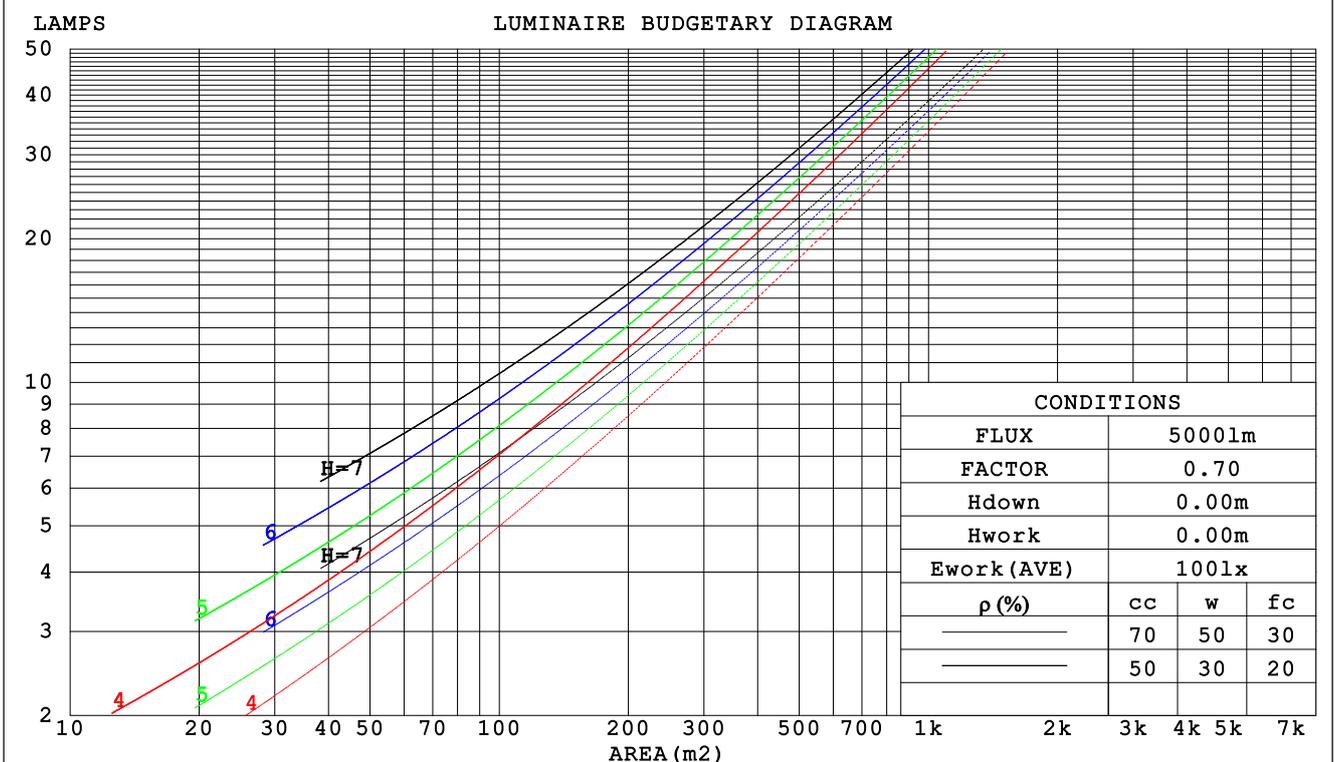
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|-----|-----|-----|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Coefficients of Utilization(CU) | | | | | | | | | |
| 0.0 | 1.05 | 1.05 | 1.05 | .96 | .96 | .96 | .79 | .79 | .79 | .63 | .63 | .63 | .49 | .49 | .49 | .42 |
| 1.0 | .92 | .88 | .84 | .84 | .80 | .77 | .69 | .67 | .64 | .55 | .54 | .52 | .43 | .42 | .41 | .35 |
| 2.0 | .80 | .74 | .69 | .73 | .68 | .63 | .60 | .56 | .53 | .48 | .46 | .44 | .38 | .36 | .34 | .29 |
| 3.0 | .70 | .63 | .57 | .64 | .58 | .53 | .53 | .48 | .45 | .43 | .39 | .37 | .33 | .31 | .29 | .25 |
| 4.0 | .62 | .54 | .48 | .57 | .50 | .45 | .47 | .42 | .38 | .38 | .34 | .31 | .30 | .27 | .25 | .21 |
| 5.0 | .55 | .47 | .41 | .51 | .43 | .38 | .42 | .37 | .33 | .34 | .30 | .27 | .27 | .24 | .22 | .18 |
| 6.0 | .49 | .41 | .35 | .45 | .38 | .33 | .38 | .32 | .28 | .31 | .27 | .24 | .24 | .21 | .19 | .16 |
| 7.0 | .44 | .36 | .31 | .41 | .34 | .29 | .34 | .29 | .25 | .28 | .24 | .21 | .22 | .19 | .17 | .14 |
| 8.0 | .40 | .33 | .27 | .37 | .30 | .25 | .31 | .26 | .22 | .25 | .21 | .18 | .20 | .17 | .15 | .13 |
| 9.0 | .37 | .29 | .24 | .34 | .27 | .23 | .28 | .23 | .20 | .23 | .19 | .17 | .19 | .16 | .14 | .11 |
| 10.0 | .34 | .26 | .22 | .31 | .25 | .20 | .26 | .21 | .18 | .22 | .18 | .15 | .17 | .14 | .12 | .10 |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .279 | .159 | .050 | .255 | .145 | .046 | .209 | .120 | .038 | .167 | .096 | .031 | .128 | .074 | .024 | |
| 2.0 | .260 | .142 | .044 | .237 | .131 | .040 | .195 | .109 | .034 | .157 | .088 | .028 | .121 | .068 | .022 | |
| 3.0 | .240 | .128 | .038 | .219 | .117 | .035 | .181 | .098 | .030 | .146 | .080 | .024 | .113 | .062 | .019 | |
| 4.0 | .222 | .115 | .034 | .203 | .106 | .031 | .168 | .089 | .027 | .135 | .072 | .022 | .104 | .057 | .017 | |
| 5.0 | .205 | .105 | .030 | .188 | .097 | .028 | .156 | .081 | .024 | .125 | .066 | .020 | .097 | .052 | .016 | |
| 6.0 | .191 | .096 | .027 | .175 | .088 | .025 | .145 | .074 | .022 | .117 | .061 | .018 | .091 | .048 | .014 | |
| 7.0 | .178 | .088 | .025 | .163 | .081 | .023 | .136 | .069 | .020 | .109 | .056 | .016 | .085 | .044 | .013 | |
| 8.0 | .167 | .081 | .023 | .153 | .075 | .021 | .127 | .063 | .018 | .103 | .052 | .015 | .080 | .041 | .012 | |
| 9.0 | .157 | .076 | .021 | .144 | .070 | .020 | .119 | .059 | .017 | .097 | .048 | .014 | .075 | .038 | .011 | |
| 10.0 | .147 | .071 | .020 | .135 | .065 | .018 | .113 | .055 | .016 | .091 | .045 | .013 | .071 | .036 | .010 | |

| ρcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| ρw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | .632 | .632 | .632 | .540 | .540 | .540 | .369 | .369 | .369 | .212 | .212 | .212 | .068 | .068 | .068 | |
| 1.0 | .624 | .602 | .582 | .534 | .516 | .501 | .365 | .355 | .346 | .210 | .206 | .201 | .067 | .066 | .065 | |
| 2.0 | .616 | .580 | .550 | .528 | .500 | .476 | .362 | .346 | .332 | .209 | .201 | .194 | .067 | .065 | .063 | |
| 3.0 | .609 | .565 | .529 | .522 | .487 | .459 | .359 | .338 | .322 | .207 | .198 | .190 | .067 | .064 | .062 | |
| 4.0 | .603 | .553 | .515 | .517 | .478 | .447 | .356 | .333 | .315 | .206 | .195 | .186 | .066 | .064 | .061 | |
| 5.0 | .596 | .544 | .505 | .512 | .471 | .439 | .353 | .329 | .310 | .204 | .193 | .184 | .066 | .063 | .061 | |
| 6.0 | .590 | .537 | .498 | .507 | .465 | .434 | .350 | .325 | .307 | .203 | .191 | .182 | .066 | .063 | .060 | |
| 7.0 | .584 | .531 | .493 | .503 | .460 | .429 | .347 | .322 | .304 | .202 | .190 | .181 | .065 | .062 | .060 | |
| 8.0 | .579 | .525 | .489 | .498 | .456 | .426 | .345 | .320 | .302 | .201 | .189 | .180 | .065 | .062 | .060 | |
| 9.0 | .574 | .521 | .486 | .494 | .452 | .424 | .342 | .318 | .301 | .199 | .188 | .179 | .065 | .062 | .059 | |
| 10.0 | .569 | .517 | .483 | .490 | .449 | .422 | .340 | .316 | .300 | .198 | .187 | .179 | .064 | .061 | .059 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|---------------|----------------|------|------------------|------|------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | | | | | | | | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | | | | | TYPE:3000K | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: 4FT | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.:1.2*0.05 | | | 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 | 16.1 | 17.0 | 17.1 | 18.0 | 19.2 | 16.2 | 17.1 | 17.1 | 18.0 | 19.2 |
| 3H | 17.6 | 18.3 | 18.5 | 19.3 | 20.6 | 17.6 | 18.4 | 18.6 | 19.3 | 20.6 |
| 4H | 18.1 | 18.9 | 19.1 | 19.8 | 21.1 | 18.2 | 18.9 | 19.2 | 19.9 | 21.2 |
| 6H | 18.5 | 19.2 | 19.5 | 20.2 | 21.5 | 18.6 | 19.3 | 19.6 | 20.3 | 21.6 |
| 8H | 18.6 | 19.3 | 19.6 | 20.3 | 21.6 | 18.7 | 19.4 | 19.7 | 20.4 | 21.7 |
| 12H | 18.7 | 19.3 | 19.7 | 20.3 | 21.6 | 18.8 | 19.4 | 19.8 | 20.4 | 21.8 |
| 4H 2H | 16.6 | 17.3 | 17.5 | 18.3 | 19.5 | 16.6 | 17.3 | 17.6 | 18.3 | 19.6 |
| 3H | 18.1 | 18.8 | 19.2 | 19.8 | 21.1 | 18.2 | 18.8 | 19.2 | 19.8 | 21.1 |
| 4H | 18.8 | 19.4 | 19.9 | 20.4 | 21.7 | 18.9 | 19.4 | 19.9 | 20.4 | 21.8 |
| 6H | 19.3 | 19.8 | 20.4 | 20.9 | 22.2 | 19.4 | 19.9 | 20.5 | 20.9 | 22.3 |
| 8H | 19.5 | 19.9 | 20.5 | 21.0 | 22.4 | 19.6 | 20.1 | 20.7 | 21.1 | 22.5 |
| 12H | 19.6 | 20.0 | 20.6 | 21.0 | 22.4 | 19.7 | 20.1 | 20.8 | 21.2 | 22.6 |
| 8H 4H | 19.0 | 19.4 | 20.0 | 20.5 | 21.8 | 19.0 | 19.5 | 20.1 | 20.5 | 21.9 |
| 6H | 19.6 | 20.0 | 20.7 | 21.1 | 22.5 | 19.7 | 20.1 | 20.8 | 21.1 | 22.5 |
| 8H | 19.9 | 20.2 | 21.0 | 21.3 | 22.7 | 20.0 | 20.3 | 21.1 | 21.4 | 22.8 |
| 12H | 20.0 | 20.3 | 21.1 | 21.4 | 22.8 | 20.2 | 20.5 | 21.3 | 21.5 | 23.0 |
| 12H 4H | 18.9 | 19.4 | 20.0 | 20.4 | 21.8 | 19.0 | 19.4 | 20.0 | 20.4 | 21.8 |
| 6H | 19.7 | 20.0 | 20.7 | 21.0 | 22.5 | 19.7 | 20.0 | 20.8 | 21.1 | 22.5 |
| 8H | 19.9 | 20.2 | 21.0 | 21.3 | 22.7 | 20.0 | 20.3 | 21.1 | 21.4 | 22.8 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117 Corrected 3836 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.7)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

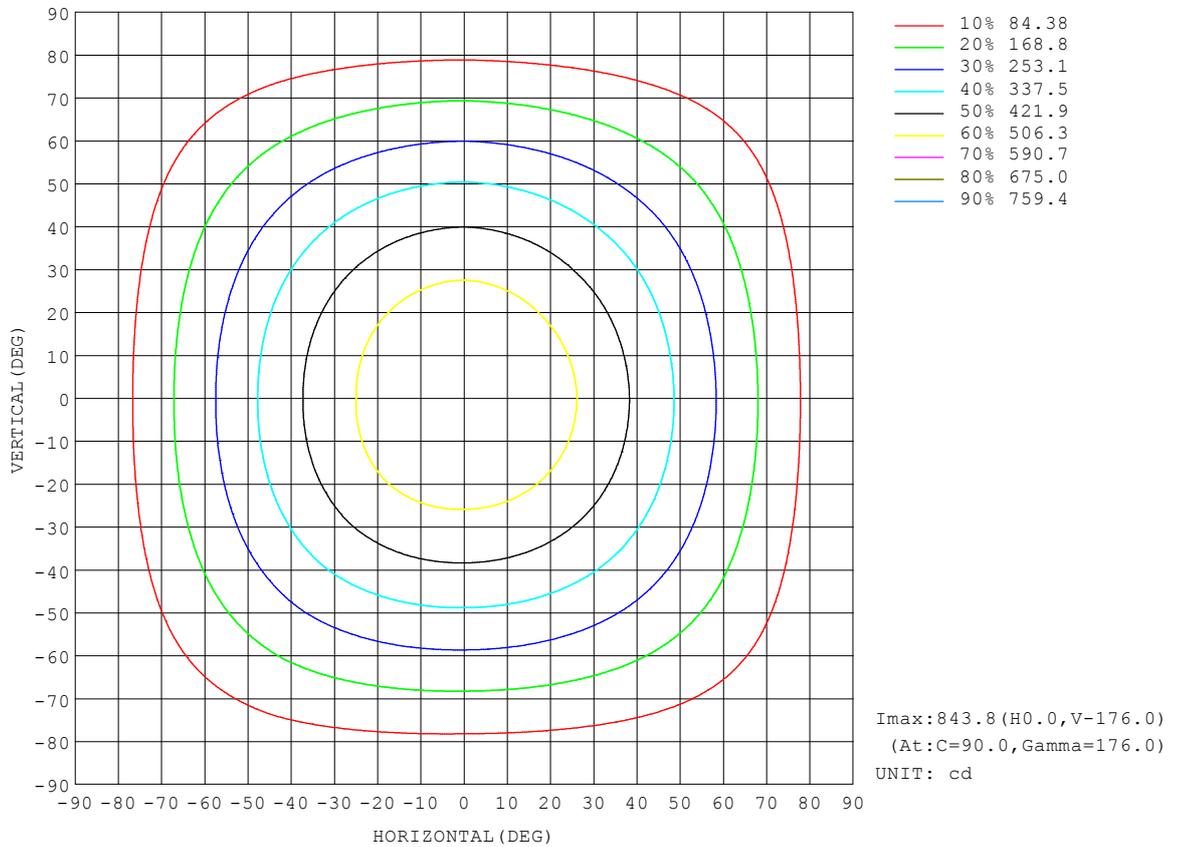
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 42 | 31 | 25 | 39 | 30 | 24 | 34 | 26 | 22 | 14 |
| 0.80 | 52 | 40 | 33 | 48 | 38 | 32 | 41 | 33 | 28 | 17 |
| 1.00 | 59 | 48 | 41 | 55 | 45 | 38 | 46 | 40 | 34 | 21 |
| 1.25 | 66 | 55 | 48 | 61 | 51 | 45 | 51 | 44 | 39 | 24 |
| 1.50 | 71 | 61 | 53 | 65 | 56 | 50 | 55 | 48 | 44 | 26 |
| 2.00 | 78 | 69 | 62 | 72 | 64 | 58 | 60 | 54 | 50 | 29 |
| 2.50 | 83 | 74 | 68 | 76 | 69 | 63 | 63 | 58 | 54 | 31 |
| 3.00 | 86 | 79 | 73 | 79 | 73 | 67 | 65 | 61 | 57 | 33 |
| 4.00 | 91 | 84 | 79 | 83 | 78 | 73 | 69 | 65 | 62 | 35 |
| 5.00 | 93 | 88 | 83 | 85 | 81 | 77 | 70 | 67 | 65 | 36 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

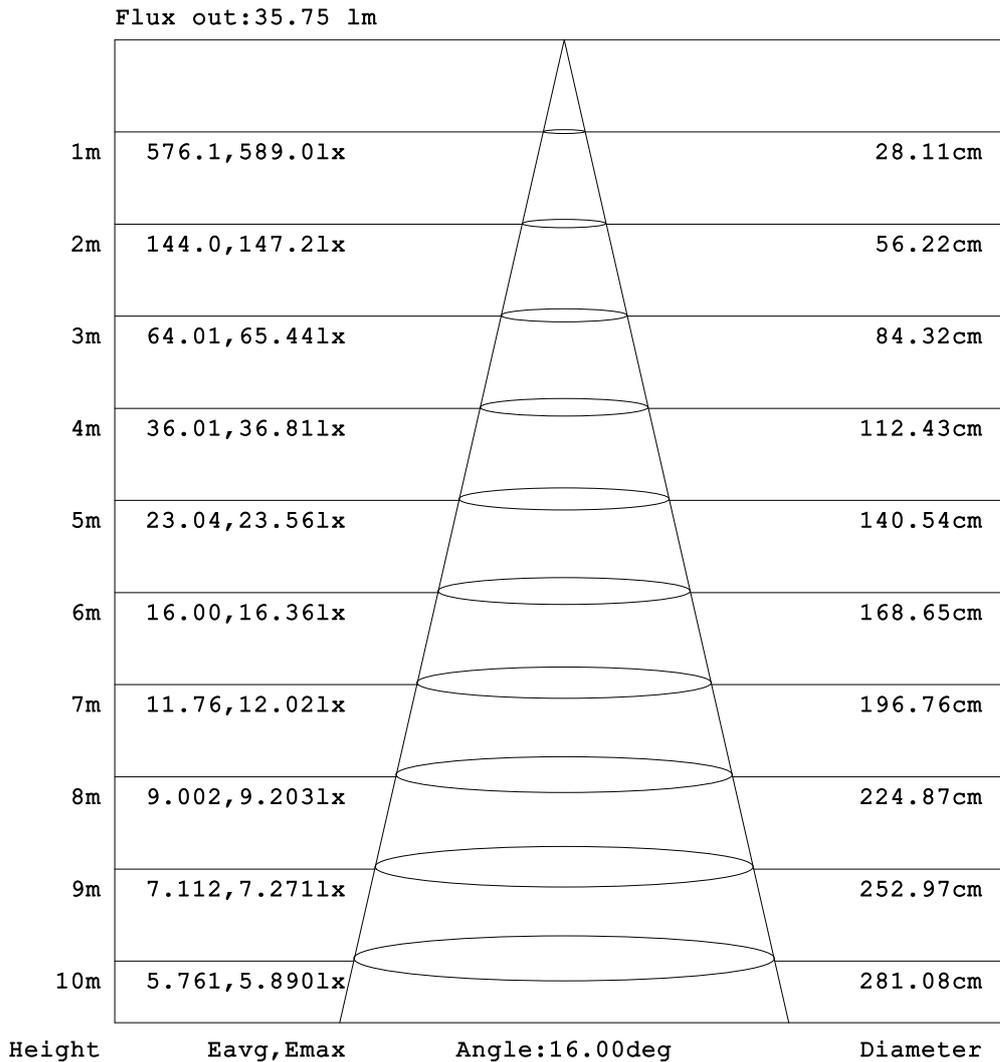


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |



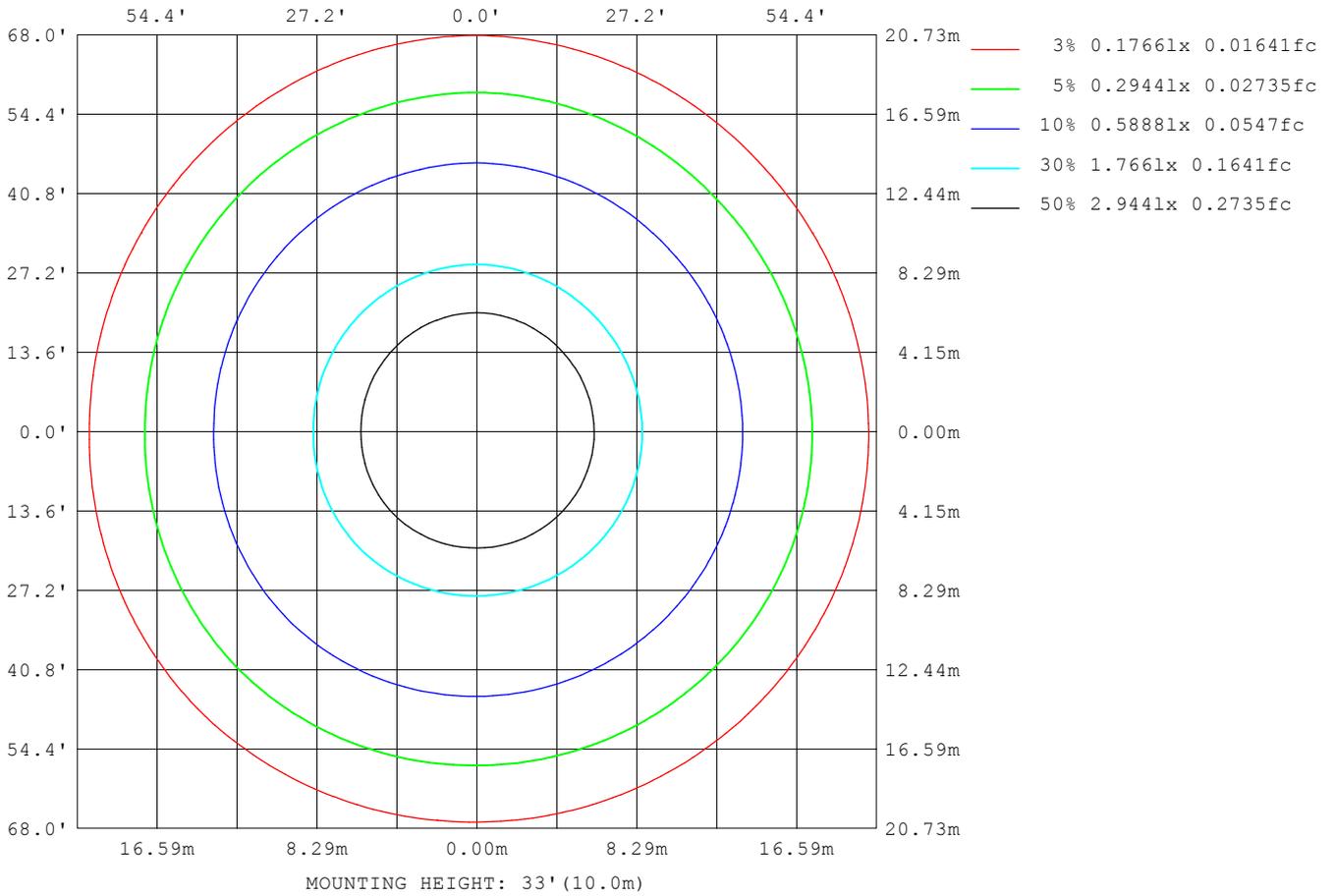
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

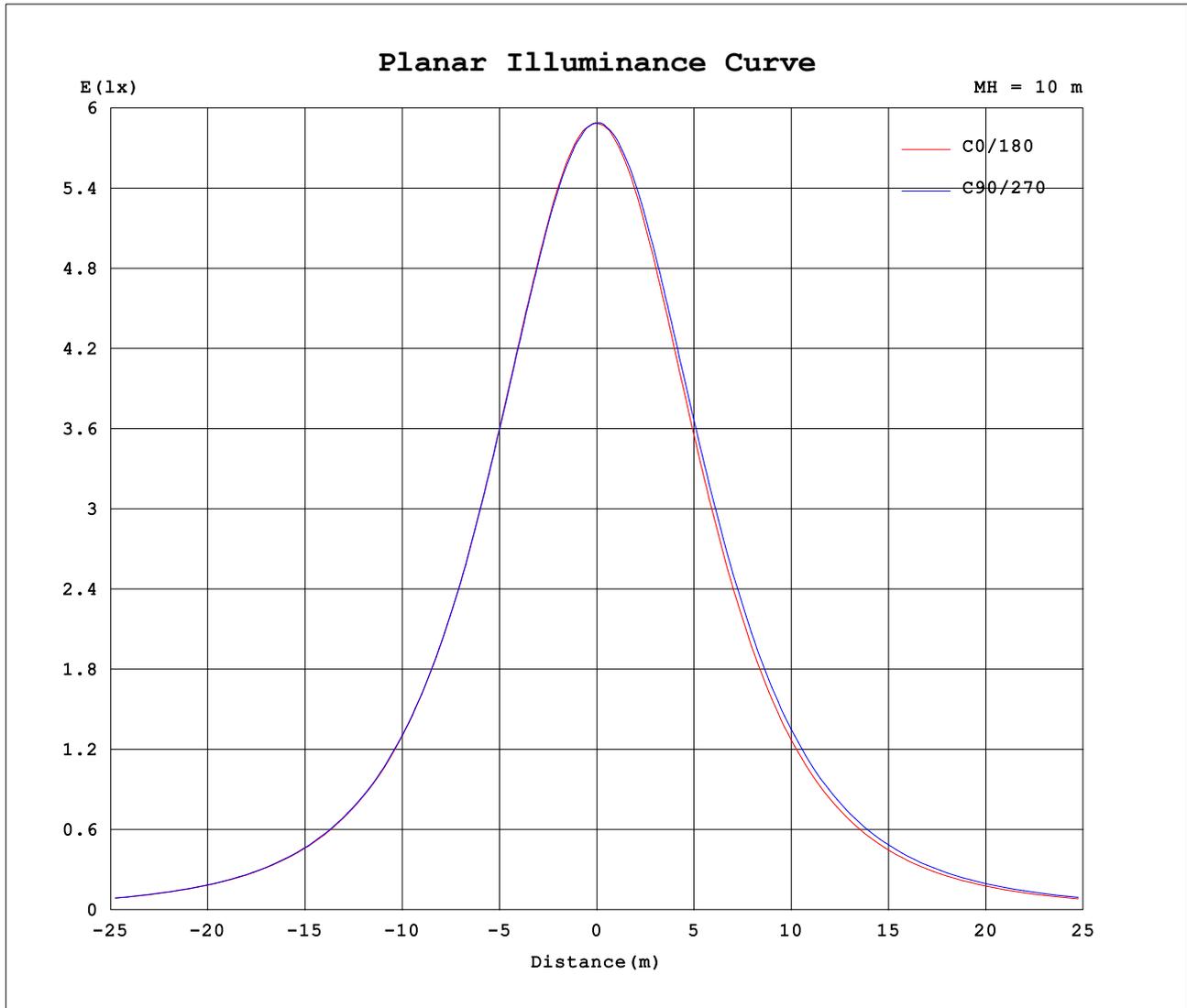
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 7538 |
| L_0~180 (75) av | 6681 |
| L_0~180 (85) av | 4106 |
| L_90~270 (65) av | 7990 |
| L_90~270 (75) av | 7335 |
| L_90~270 (85) av | 6415 |
| L_45 (65) av | 7767 |
| L_45 (75) av | 7095 |
| L_45 (85) av | 5348 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity: 65.0%
 Test Distance: 10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 |
| 5 | 586 | 586 | 586 | 586 | 585 | 585 | 585 | 585 | 585 | 585 | 585 | 584 | 584 | 584 | 584 | 584 | 584 | 584 | 584 |
| 10 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 575 | 575 | 575 | 575 | 575 | 575 | 575 | 574 | 574 | 574 |
| 15 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 559 | 559 | 559 | 559 | 559 | 559 | 559 |
| 20 | 539 | 539 | 539 | 539 | 539 | 539 | 539 | 539 | 539 | 539 | 538 | 538 | 538 | 538 | 538 | 537 | 537 | 537 | 537 |
| 25 | 513 | 513 | 513 | 513 | 513 | 513 | 513 | 512 | 512 | 512 | 512 | 512 | 512 | 511 | 511 | 511 | 511 | 511 | 511 |
| 30 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 | 481 |
| 35 | 446 | 446 | 446 | 446 | 446 | 447 | 447 | 447 | 447 | 447 | 447 | 447 | 447 | 446 | 446 | 446 | 446 | 446 | 446 |
| 40 | 409 | 409 | 409 | 409 | 409 | 409 | 409 | 409 | 409 | 409 | 409 | 410 | 410 | 410 | 410 | 410 | 410 | 410 | 410 |
| 45 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 370 | 370 | 370 | 370 | 370 | 370 |
| 50 | 326 | 326 | 326 | 327 | 327 | 327 | 327 | 327 | 327 | 327 | 328 | 328 | 328 | 328 | 328 | 328 | 328 | 328 | 328 |
| 55 | 283 | 283 | 283 | 283 | 283 | 284 | 284 | 284 | 284 | 284 | 284 | 285 | 285 | 285 | 285 | 285 | 285 | 285 | 285 |
| 60 | 239 | 239 | 239 | 239 | 240 | 240 | 240 | 240 | 240 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 | 241 |
| 65 | 195 | 195 | 196 | 196 | 196 | 196 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 197 | 198 |
| 70 | 152 | 152 | 152 | 152 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 153 | 154 | 154 | 154 |
| 75 | 109 | 109 | 109 | 109 | 109 | 109 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 111 | 111 | 111 | 111 |
| 80 | 66.6 | 67.0 | 67.3 | 67.6 | 67.9 | 68.2 | 68.5 | 68.7 | 69.0 | 69.2 | 69.3 | 69.5 | 69.6 | 69.7 | 69.8 | 70.0 | 70.1 | 70.2 | 70.3 |
| 85 | 26.1 | 26.5 | 26.9 | 27.2 | 27.6 | 28.0 | 28.3 | 28.7 | 29.0 | 29.4 | 29.8 | 30.2 | 30.6 | 30.9 | 31.3 | 31.6 | 31.9 | 32.1 | 32.3 |
| 90 | 1.84 | 1.93 | 2.01 | 2.07 | 2.12 | 2.15 | 2.16 | 2.16 | 2.14 | 2.11 | 2.00 | 1.88 | 1.75 | 1.62 | 1.49 | 1.37 | 1.26 | 1.17 | 1.10 |
| 95 | 2.50 | 1.97 | 1.58 | 1.34 | 1.25 | 1.31 | 1.52 | 1.87 | 2.37 | 3.01 | 4.49 | 6.05 | 7.67 | 9.27 | 10.8 | 12.3 | 13.6 | 14.6 | 15.4 |
| 100 | 13.4 | 11.6 | 10.3 | 9.53 | 9.29 | 9.55 | 10.3 | 11.6 | 13.4 | 15.8 | 20.8 | 26.1 | 31.6 | 37.2 | 42.6 | 47.8 | 52.5 | 56.5 | 59.8 |
| 105 | 22.4 | 17.7 | 14.3 | 12.2 | 11.3 | 11.7 | 13.3 | 16.2 | 20.3 | 25.6 | 36.9 | 49.0 | 61.7 | 74.7 | 87.4 | 99.7 | 111 | 121 | 130 |
| 110 | 34.5 | 35.1 | 36.9 | 39.7 | 43.7 | 48.8 | 55.0 | 62.3 | 70.8 | 80.3 | 95.6 | 112 | 128 | 145 | 161 | 177 | 191 | 205 | 217 |
| 115 | 80.7 | 94.5 | 108 | 122 | 135 | 148 | 161 | 173 | 186 | 198 | 212 | 226 | 239 | 252 | 264 | 275 | 285 | 294 | 301 |
| 120 | 196 | 214 | 232 | 248 | 263 | 278 | 291 | 304 | 315 | 326 | 335 | 344 | 351 | 358 | 364 | 369 | 373 | 377 | 379 |
| 125 | 340 | 353 | 366 | 378 | 389 | 399 | 408 | 417 | 424 | 431 | 437 | 442 | 446 | 449 | 452 | 454 | 456 | 457 | 457 |
| 130 | 476 | 480 | 485 | 488 | 492 | 496 | 499 | 502 | 505 | 508 | 511 | 513 | 516 | 518 | 520 | 522 | 523 | 524 | 525 |
| 135 | 570 | 570 | 569 | 569 | 569 | 569 | 570 | 570 | 571 | 572 | 573 | 575 | 577 | 579 | 581 | 582 | 584 | 585 | 587 |
| 140 | 632 | 631 | 630 | 629 | 628 | 627 | 627 | 627 | 627 | 627 | 629 | 630 | 632 | 634 | 636 | 637 | 639 | 640 | 642 |
| 145 | 682 | 681 | 680 | 679 | 678 | 678 | 677 | 677 | 677 | 678 | 679 | 680 | 681 | 682 | 684 | 685 | 686 | 687 | 688 |
| 150 | 724 | 723 | 723 | 723 | 723 | 723 | 723 | 724 | 724 | 724 | 725 | 725 | 726 | 727 | 727 | 728 | 729 | 729 | 730 |
| 155 | 762 | 762 | 762 | 762 | 762 | 763 | 763 | 763 | 763 | 763 | 764 | 764 | 764 | 764 | 764 | 765 | 765 | 765 | 765 |
| 160 | 792 | 792 | 792 | 792 | 792 | 792 | 792 | 793 | 793 | 793 | 794 | 795 | 795 | 796 | 796 | 797 | 798 | 798 | 799 |
| 165 | 813 | 814 | 814 | 814 | 814 | 814 | 814 | 814 | 815 | 815 | 816 | 816 | 817 | 817 | 818 | 819 | 819 | 820 | 820 |
| 170 | 829 | 829 | 830 | 830 | 830 | 830 | 831 | 831 | 831 | 831 | 832 | 832 | 833 | 833 | 834 | 834 | 834 | 835 | 835 |
| 175 | 839 | 839 | 839 | 840 | 840 | 840 | 840 | 840 | 840 | 841 | 841 | 841 | 841 | 842 | 842 | 842 | 842 | 842 | 843 |
| 180 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

Table--2

UNIT: cd

| C (DEG) γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 |
| 5 | 584 | 585 | 585 | 585 | 586 | 586 | 586 | 586 | 587 | 586 | 586 | 586 | 586 | 586 | 585 | 585 | 585 | 585 | 585 |
| 10 | 575 | 575 | 575 | 575 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 575 | 575 | 575 | 575 | 574 | 574 | 574 |
| 15 | 559 | 559 | 559 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 559 | 559 | 559 | 558 | 558 | 557 | 557 | 557 | 557 |
| 20 | 537 | 538 | 538 | 539 | 539 | 539 | 540 | 540 | 540 | 539 | 539 | 538 | 537 | 537 | 536 | 535 | 535 | 534 | 535 |
| 25 | 511 | 512 | 512 | 513 | 513 | 513 | 514 | 514 | 514 | 513 | 512 | 511 | 510 | 509 | 508 | 508 | 507 | 506 | 507 |
| 30 | 482 | 482 | 482 | 483 | 483 | 483 | 483 | 483 | 483 | 482 | 481 | 480 | 479 | 478 | 477 | 476 | 475 | 474 | 475 |
| 35 | 447 | 447 | 447 | 448 | 448 | 448 | 449 | 449 | 449 | 448 | 446 | 445 | 444 | 443 | 441 | 440 | 439 | 439 | 439 |
| 40 | 410 | 411 | 411 | 411 | 412 | 412 | 412 | 412 | 412 | 410 | 409 | 408 | 406 | 405 | 404 | 402 | 401 | 401 | 401 |
| 45 | 370 | 371 | 371 | 372 | 372 | 372 | 372 | 372 | 372 | 371 | 369 | 368 | 366 | 365 | 363 | 362 | 361 | 360 | 360 |
| 50 | 329 | 329 | 329 | 330 | 330 | 331 | 331 | 331 | 331 | 329 | 328 | 326 | 324 | 323 | 321 | 320 | 319 | 318 | 318 |
| 55 | 286 | 286 | 287 | 287 | 288 | 288 | 288 | 288 | 287 | 286 | 284 | 283 | 281 | 279 | 278 | 277 | 275 | 274 | 275 |
| 60 | 242 | 242 | 243 | 243 | 244 | 244 | 244 | 244 | 244 | 243 | 241 | 240 | 238 | 236 | 235 | 233 | 232 | 231 | 231 |
| 65 | 198 | 199 | 199 | 200 | 200 | 200 | 201 | 201 | 201 | 199 | 198 | 196 | 194 | 193 | 191 | 190 | 188 | 187 | 188 |
| 70 | 154 | 155 | 156 | 156 | 157 | 157 | 157 | 157 | 157 | 156 | 154 | 152 | 150 | 149 | 147 | 145 | 144 | 143 | 143 |
| 75 | 112 | 112 | 113 | 113 | 113 | 113 | 114 | 114 | 113 | 112 | 110 | 108 | 106 | 105 | 103 | 101 | 99.9 | 98.8 | 99.4 |
| 80 | 70.8 | 71.3 | 71.8 | 72.2 | 72.5 | 72.7 | 72.7 | 72.6 | 72.3 | 70.5 | 68.7 | 66.7 | 64.7 | 62.7 | 60.8 | 59.0 | 57.5 | 56.3 | 56.8 |
| 85 | 32.6 | 32.9 | 33.0 | 33.1 | 33.0 | 32.9 | 32.6 | 32.1 | 31.6 | 29.9 | 28.1 | 26.3 | 24.4 | 22.6 | 20.9 | 19.3 | 18.0 | 16.8 | 17.2 |
| 90 | 1.19 | 1.30 | 1.43 | 1.56 | 1.70 | 1.83 | 1.95 | 2.06 | 2.15 | 2.05 | 1.92 | 1.79 | 1.64 | 1.49 | 1.34 | 1.21 | 1.08 | 0.98 | 1.06 |
| 95 | 14.6 | 13.5 | 12.1 | 10.6 | 9.01 | 7.35 | 5.68 | 4.06 | 2.53 | 2.02 | 1.64 | 1.39 | 1.23 | 1.18 | 1.20 | 1.28 | 1.41 | 1.58 | 1.44 |
| 100 | 58.4 | 56.1 | 53.2 | 49.6 | 45.7 | 41.3 | 36.8 | 32.1 | 27.4 | 23.9 | 20.6 | 17.5 | 14.7 | 12.2 | 10.1 | 8.40 | 7.15 | 6.42 | 7.74 |
| 105 | 129 | 127 | 123 | 118 | 112 | 105 | 97.1 | 89.2 | 81.1 | 74.3 | 67.7 | 61.4 | 55.5 | 50.2 | 45.5 | 41.7 | 38.8 | 37.0 | 40.3 |
| 110 | 220 | 222 | 222 | 221 | 218 | 213 | 207 | 200 | 192 | 178 | 164 | 150 | 135 | 122 | 110 | 98.6 | 89.6 | 82.8 | 90.8 |
| 115 | 304 | 306 | 306 | 305 | 303 | 300 | 296 | 291 | 286 | 277 | 268 | 259 | 251 | 242 | 234 | 227 | 222 | 217 | 222 |
| 120 | 380 | 380 | 380 | 379 | 377 | 375 | 373 | 370 | 367 | 364 | 360 | 356 | 353 | 350 | 346 | 344 | 342 | 340 | 342 |
| 125 | 457 | 457 | 456 | 455 | 453 | 452 | 450 | 448 | 446 | 443 | 441 | 439 | 437 | 436 | 434 | 433 | 431 | 431 | 432 |
| 130 | 525 | 524 | 524 | 523 | 522 | 520 | 519 | 518 | 516 | 515 | 514 | 512 | 511 | 510 | 509 | 508 | 508 | 507 | 508 |
| 135 | 586 | 586 | 586 | 585 | 584 | 583 | 582 | 581 | 580 | 579 | 578 | 577 | 576 | 575 | 575 | 574 | 574 | 573 | 574 |
| 140 | 642 | 641 | 641 | 640 | 639 | 638 | 637 | 636 | 635 | 634 | 634 | 633 | 632 | 632 | 631 | 631 | 630 | 630 | 631 |
| 145 | 688 | 688 | 688 | 688 | 687 | 687 | 686 | 686 | 685 | 684 | 684 | 683 | 683 | 682 | 682 | 681 | 681 | 681 | 682 |
| 150 | 730 | 731 | 731 | 731 | 732 | 732 | 732 | 732 | 732 | 731 | 730 | 730 | 729 | 728 | 727 | 727 | 726 | 725 | 725 |
| 155 | 766 | 767 | 767 | 768 | 769 | 769 | 770 | 770 | 770 | 770 | 769 | 768 | 767 | 766 | 765 | 764 | 763 | 762 | 762 |
| 160 | 799 | 799 | 799 | 799 | 799 | 799 | 798 | 798 | 798 | 797 | 796 | 796 | 795 | 794 | 793 | 793 | 792 | 791 | 791 |
| 165 | 820 | 820 | 820 | 820 | 820 | 820 | 819 | 819 | 819 | 818 | 818 | 817 | 816 | 816 | 815 | 815 | 814 | 814 | 813 |
| 170 | 835 | 835 | 835 | 834 | 834 | 834 | 834 | 833 | 833 | 833 | 832 | 832 | 831 | 831 | 831 | 830 | 830 | 830 | 829 |
| 175 | 842 | 842 | 842 | 842 | 842 | 841 | 841 | 841 | 841 | 841 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 |
| 180 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

Table--3

UNIT: cd

| C (DEG) γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 |
| 5 | 585 | 585 | 585 | 585 | 585 | 585 | 586 | 586 | 586 | 586 | 586 | 586 | 587 | 587 | 587 | 587 | 587 | 587 | 587 |
| 10 | 574 | 575 | 575 | 575 | 575 | 576 | 576 | 576 | 577 | 577 | 577 | 578 | 578 | 578 | 579 | 579 | 579 | 579 | 578 |
| 15 | 557 | 557 | 558 | 558 | 559 | 559 | 560 | 561 | 561 | 562 | 562 | 563 | 563 | 564 | 564 | 564 | 564 | 564 | 564 |
| 20 | 535 | 536 | 536 | 537 | 537 | 538 | 539 | 540 | 540 | 541 | 542 | 543 | 543 | 544 | 544 | 545 | 545 | 544 | 544 |
| 25 | 507 | 508 | 509 | 509 | 510 | 511 | 513 | 514 | 515 | 516 | 517 | 518 | 518 | 519 | 520 | 520 | 521 | 520 | 519 |
| 30 | 475 | 476 | 477 | 478 | 479 | 481 | 482 | 483 | 484 | 486 | 487 | 488 | 489 | 490 | 490 | 491 | 491 | 491 | 490 |
| 35 | 440 | 441 | 442 | 443 | 444 | 446 | 447 | 448 | 450 | 451 | 453 | 454 | 455 | 456 | 457 | 457 | 458 | 457 | 456 |
| 40 | 402 | 403 | 404 | 405 | 406 | 408 | 409 | 410 | 412 | 414 | 415 | 416 | 418 | 419 | 420 | 421 | 421 | 420 | 419 |
| 45 | 361 | 362 | 363 | 365 | 366 | 368 | 369 | 371 | 373 | 374 | 376 | 377 | 379 | 380 | 381 | 382 | 382 | 381 | 380 |
| 50 | 319 | 320 | 321 | 322 | 324 | 325 | 327 | 329 | 331 | 332 | 334 | 336 | 337 | 338 | 339 | 340 | 341 | 340 | 338 |
| 55 | 276 | 277 | 278 | 279 | 281 | 282 | 284 | 285 | 287 | 289 | 290 | 292 | 293 | 295 | 296 | 296 | 297 | 296 | 294 |
| 60 | 232 | 233 | 234 | 235 | 237 | 238 | 240 | 241 | 243 | 244 | 246 | 248 | 249 | 250 | 251 | 252 | 252 | 251 | 250 |
| 65 | 188 | 189 | 190 | 191 | 192 | 194 | 195 | 197 | 198 | 200 | 201 | 203 | 204 | 205 | 206 | 207 | 208 | 207 | 205 |
| 70 | 144 | 145 | 146 | 147 | 148 | 150 | 151 | 153 | 154 | 156 | 157 | 159 | 160 | 161 | 162 | 162 | 163 | 162 | 161 |
| 75 | 100 | 101 | 103 | 104 | 105 | 107 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 116 | 117 | 117 | 116 | 115 |
| 80 | 57.6 | 58.6 | 59.9 | 61.3 | 62.9 | 64.5 | 66.2 | 67.8 | 69.0 | 70.1 | 71.2 | 72.1 | 73.0 | 73.6 | 74.2 | 74.5 | 74.7 | 74.0 | 73.1 |
| 85 | 17.8 | 18.6 | 19.7 | 20.9 | 22.2 | 23.6 | 25.1 | 26.5 | 27.8 | 29.1 | 30.3 | 31.4 | 32.4 | 33.2 | 33.9 | 34.4 | 34.7 | 33.9 | 33.0 |
| 90 | 1.16 | 1.27 | 1.40 | 1.53 | 1.65 | 1.78 | 1.88 | 1.97 | 1.90 | 1.80 | 1.69 | 1.57 | 1.46 | 1.34 | 1.24 | 1.14 | 1.07 | 1.16 | 1.27 |
| 95 | 1.32 | 1.25 | 1.24 | 1.29 | 1.42 | 1.64 | 1.96 | 2.39 | 3.63 | 4.96 | 6.32 | 7.68 | 9.00 | 10.2 | 11.3 | 12.3 | 13.0 | 12.4 | 11.6 |
| 100 | 9.54 | 11.8 | 14.4 | 17.2 | 20.3 | 23.6 | 26.9 | 30.3 | 33.7 | 37.0 | 40.2 | 43.0 | 45.6 | 47.8 | 49.5 | 50.6 | 51.1 | 48.4 | 45.0 |
| 105 | 44.7 | 49.9 | 55.8 | 62.2 | 68.9 | 75.7 | 82.6 | 89.2 | 94.7 | 99.8 | 104 | 108 | 111 | 113 | 114 | 114 | 113 | 106 | 97.1 |
| 110 | 101 | 113 | 126 | 140 | 155 | 169 | 183 | 196 | 201 | 204 | 206 | 206 | 206 | 204 | 200 | 196 | 190 | 181 | 172 |
| 115 | 228 | 235 | 243 | 252 | 261 | 269 | 277 | 284 | 286 | 287 | 286 | 285 | 284 | 281 | 278 | 274 | 269 | 266 | 262 |
| 120 | 345 | 348 | 351 | 355 | 358 | 362 | 365 | 367 | 366 | 365 | 363 | 361 | 358 | 356 | 353 | 350 | 347 | 348 | 348 |
| 125 | 433 | 435 | 436 | 438 | 440 | 441 | 442 | 443 | 442 | 440 | 439 | 437 | 434 | 432 | 430 | 428 | 426 | 428 | 429 |
| 130 | 509 | 510 | 510 | 511 | 512 | 513 | 513 | 513 | 511 | 509 | 507 | 505 | 503 | 500 | 498 | 496 | 495 | 495 | 496 |
| 135 | 575 | 576 | 577 | 578 | 579 | 579 | 580 | 580 | 578 | 576 | 573 | 571 | 569 | 566 | 564 | 562 | 560 | 560 | 561 |
| 140 | 632 | 633 | 634 | 635 | 636 | 637 | 637 | 638 | 636 | 633 | 631 | 629 | 626 | 624 | 621 | 619 | 617 | 617 | 618 |
| 145 | 683 | 684 | 685 | 686 | 686 | 687 | 687 | 687 | 686 | 684 | 682 | 679 | 677 | 675 | 673 | 671 | 669 | 669 | 670 |
| 150 | 726 | 726 | 726 | 727 | 727 | 727 | 727 | 727 | 726 | 725 | 724 | 723 | 721 | 720 | 719 | 718 | 717 | 716 | 716 |
| 155 | 762 | 762 | 762 | 762 | 762 | 762 | 762 | 762 | 761 | 760 | 760 | 759 | 758 | 757 | 756 | 756 | 755 | 754 | 754 |
| 160 | 791 | 791 | 791 | 791 | 791 | 791 | 791 | 791 | 790 | 789 | 788 | 787 | 786 | 785 | 784 | 783 | 782 | 782 | 782 |
| 165 | 813 | 813 | 813 | 813 | 813 | 813 | 813 | 813 | 812 | 811 | 810 | 809 | 809 | 808 | 807 | 806 | 805 | 805 | 805 |
| 170 | 829 | 829 | 829 | 829 | 829 | 829 | 829 | 829 | 829 | 828 | 828 | 827 | 826 | 826 | 825 | 825 | 825 | 824 | 824 |
| 175 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 840 | 839 | 839 | 839 | 838 | 838 | 837 | 837 | 837 | 837 | 837 |
| 180 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------|------------------|
| Test:U:120.2V I:0.2530A P:30.20W PF:0.9900 Freq:60.00Hz Lamp Flux:3835.83x1 lm | | |
| NAME: 9700-BLS2-PROFILE-4F-DU-BL-30W-30K-5.5 | TYPE:3000K | WEIGHT: |
| SPEC.: | DIM.: 4FT | SERIAL No.: |
| MFR.: | SUR.:1.2*0.05 | Shielding Angle: |

Table--4

UNIT: cd

| C (DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | 589 | | | | |
| 5 | 586 | 586 | 586 | 586 | 586 | 585 | 585 | 585 | 585 | 585 | 585 | 586 | 586 | 586 | 586 | | | | |
| 10 | 578 | 578 | 578 | 577 | 577 | 577 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | 576 | | | | |
| 15 | 563 | 563 | 562 | 562 | 561 | 561 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | 560 | | | | |
| 20 | 543 | 543 | 542 | 541 | 540 | 540 | 539 | 539 | 538 | 538 | 538 | 538 | 538 | 539 | 539 | | | | |
| 25 | 518 | 517 | 516 | 515 | 514 | 513 | 512 | 512 | 511 | 511 | 511 | 511 | 512 | 512 | 512 | | | | |
| 30 | 489 | 487 | 486 | 485 | 484 | 482 | 481 | 481 | 480 | 480 | 480 | 480 | 480 | 481 | 481 | | | | |
| 35 | 455 | 454 | 452 | 451 | 449 | 448 | 447 | 446 | 446 | 445 | 445 | 445 | 445 | 445 | 446 | | | | |
| 40 | 418 | 416 | 415 | 413 | 412 | 410 | 409 | 408 | 408 | 407 | 407 | 407 | 407 | 408 | 408 | | | | |
| 45 | 378 | 377 | 375 | 373 | 372 | 370 | 368 | 368 | 367 | 367 | 367 | 367 | 367 | 367 | 368 | | | | |
| 50 | 337 | 335 | 333 | 332 | 330 | 328 | 326 | 325 | 325 | 324 | 324 | 324 | 324 | 325 | 325 | | | | |
| 55 | 293 | 291 | 290 | 288 | 286 | 284 | 283 | 282 | 282 | 281 | 281 | 281 | 281 | 281 | 282 | | | | |
| 60 | 248 | 247 | 245 | 243 | 241 | 240 | 238 | 238 | 237 | 237 | 237 | 237 | 237 | 237 | 238 | | | | |
| 65 | 204 | 202 | 200 | 199 | 197 | 195 | 194 | 193 | 193 | 192 | 192 | 193 | 193 | 193 | 194 | | | | |
| 70 | 159 | 158 | 156 | 154 | 153 | 151 | 150 | 149 | 149 | 149 | 149 | 149 | 149 | 150 | 151 | | | | |
| 75 | 114 | 113 | 112 | 111 | 109 | 108 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 107 | 108 | | | | |
| 80 | 72.1 | 71.0 | 69.8 | 68.6 | 67.4 | 66.3 | 65.3 | 64.9 | 64.7 | 64.6 | 64.6 | 64.7 | 65.0 | 65.4 | 66.0 | | | | |
| 85 | 31.8 | 30.6 | 29.3 | 28.0 | 26.7 | 25.5 | 24.4 | 24.0 | 23.7 | 23.6 | 23.7 | 23.9 | 24.2 | 24.7 | 25.3 | | | | |
| 90 | 1.40 | 1.53 | 1.67 | 1.82 | 1.96 | 2.09 | 2.20 | 2.24 | 2.25 | 2.25 | 2.23 | 2.19 | 2.13 | 2.05 | 1.95 | | | | |
| 95 | 10.7 | 9.58 | 8.39 | 7.15 | 5.89 | 4.66 | 3.50 | 2.96 | 2.54 | 2.21 | 2.00 | 1.89 | 1.88 | 1.98 | 2.19 | | | | |
| 100 | 41.3 | 37.2 | 32.8 | 28.4 | 24.1 | 19.9 | 16.0 | 14.1 | 12.6 | 11.5 | 10.8 | 10.5 | 10.6 | 11.1 | 12.0 | | | | |
| 105 | 87.7 | 77.7 | 67.4 | 57.0 | 46.9 | 37.2 | 28.2 | 23.6 | 20.0 | 17.4 | 15.8 | 15.1 | 15.5 | 16.8 | 19.1 | | | | |
| 110 | 161 | 151 | 139 | 128 | 116 | 104 | 93.1 | 84.7 | 76.8 | 69.3 | 62.4 | 55.8 | 49.8 | 44.2 | 39.1 | | | | |
| 115 | 257 | 252 | 246 | 239 | 231 | 223 | 213 | 203 | 191 | 178 | 164 | 149 | 134 | 117 | 99.3 | | | | |
| 120 | 348 | 348 | 347 | 346 | 343 | 339 | 334 | 325 | 314 | 302 | 288 | 273 | 256 | 238 | 218 | | | | |
| 125 | 430 | 432 | 432 | 433 | 432 | 431 | 429 | 424 | 417 | 410 | 401 | 391 | 380 | 368 | 354 | | | | |
| 130 | 497 | 498 | 499 | 500 | 501 | 502 | 502 | 501 | 499 | 497 | 495 | 492 | 489 | 485 | 481 | | | | |
| 135 | 562 | 563 | 564 | 565 | 567 | 568 | 569 | 570 | 570 | 570 | 571 | 571 | 571 | 571 | 570 | | | | |
| 140 | 619 | 620 | 621 | 622 | 623 | 625 | 626 | 627 | 628 | 629 | 629 | 630 | 631 | 631 | 632 | | | | |
| 145 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 677 | 678 | 679 | 679 | 680 | 681 | 681 | | | | |
| 150 | 716 | 716 | 716 | 716 | 717 | 717 | 717 | 718 | 718 | 719 | 720 | 720 | 721 | 722 | 723 | | | | |
| 155 | 754 | 754 | 753 | 753 | 754 | 754 | 754 | 754 | 755 | 756 | 756 | 757 | 758 | 759 | 760 | | | | |
| 160 | 782 | 782 | 783 | 783 | 783 | 784 | 785 | 785 | 786 | 786 | 787 | 788 | 789 | 790 | 791 | | | | |
| 165 | 805 | 806 | 806 | 806 | 807 | 807 | 808 | 808 | 809 | 809 | 810 | 811 | 811 | 812 | 813 | | | | |
| 170 | 824 | 824 | 824 | 825 | 825 | 825 | 825 | 826 | 826 | 826 | 827 | 827 | 828 | 828 | 829 | | | | |
| 175 | 837 | 836 | 836 | 837 | 837 | 837 | 837 | 837 | 837 | 837 | 838 | 838 | 838 | 838 | 839 | | | | |
| 180 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | 842 | | | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:
 Test Date:

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.353
 Humidity:65.0%
 Test Distance:10.000m [K=1.0000]
 Remarks: