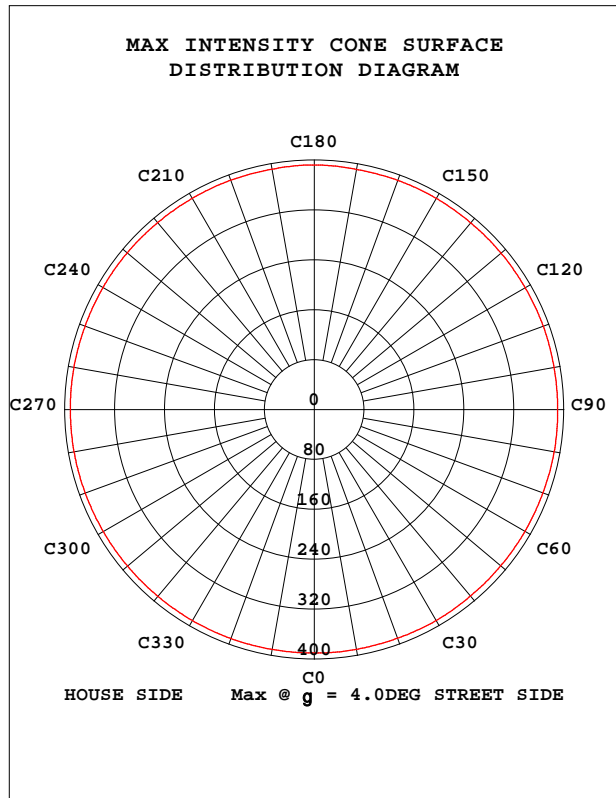
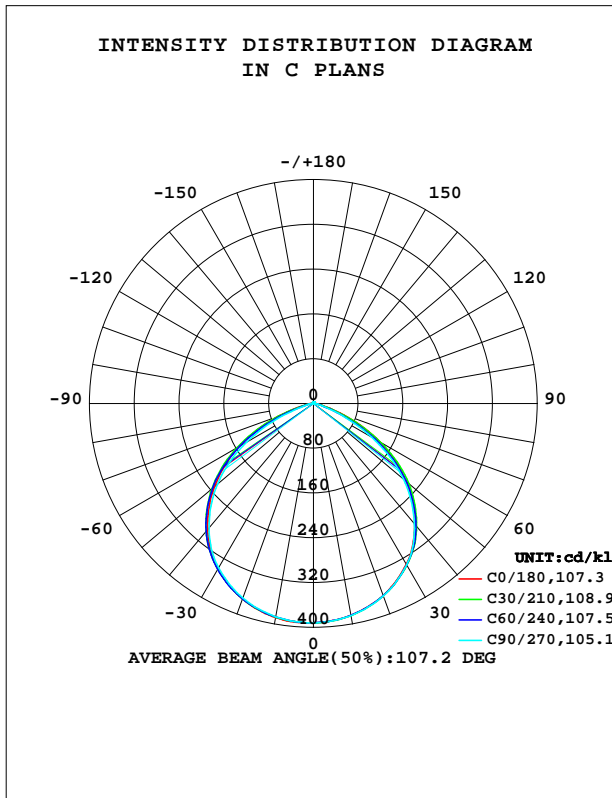


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 75.27 lm/W | | | |
|------------------------------|---------|----------------------------------|---------|------------------|---------|
| ASD MODELS-4D10AC-WH (5000K) | | Imax(cd/klm) | 392.3 | h street_up(%) | 0.5 |
| NOMINAL POWER(W) | 10 | LOR(%) | 100.0 | h street_down(%) | 48.6 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm/klm) | 1000 | h house_up(%) | 0.4 |
| NOMINAL FLUX(lm) | 722.567 | MAXIMUM @(C,g) | 180,4.0 | h house_down(%) | 50.5 |
| LAMPS INSIDE | 1 | h up(%) | 0.9 | 76 FLASHAREA(m2) | 0.00100 |
| TEST VOLTAGE(V) | 120 | h down(%) | 99.1 | SLI | 14.256 |

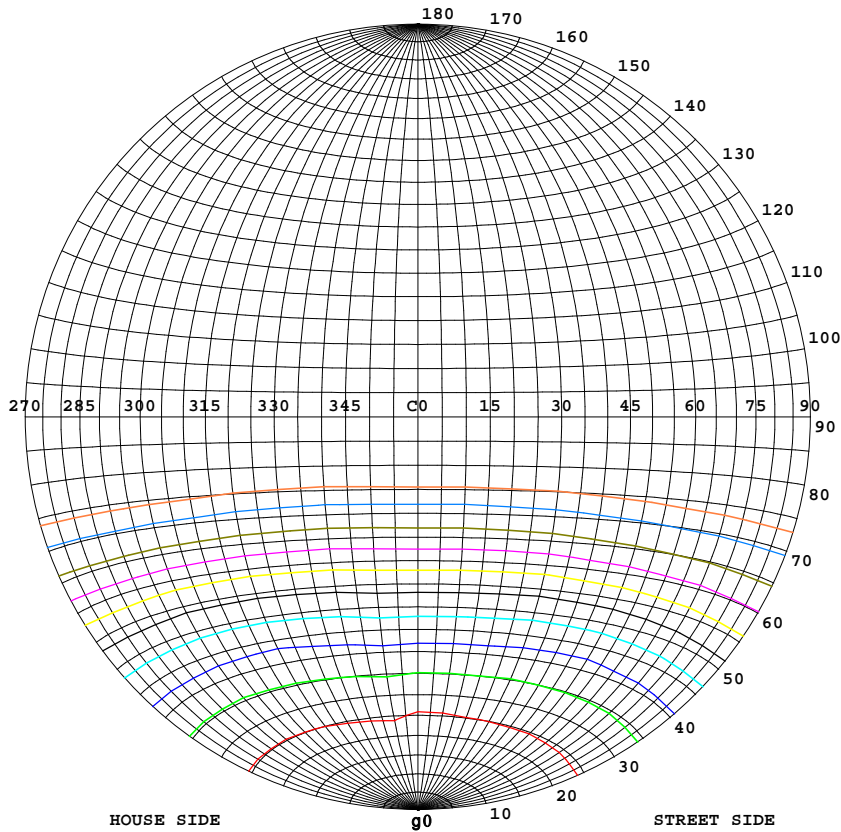


C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |



Classification:

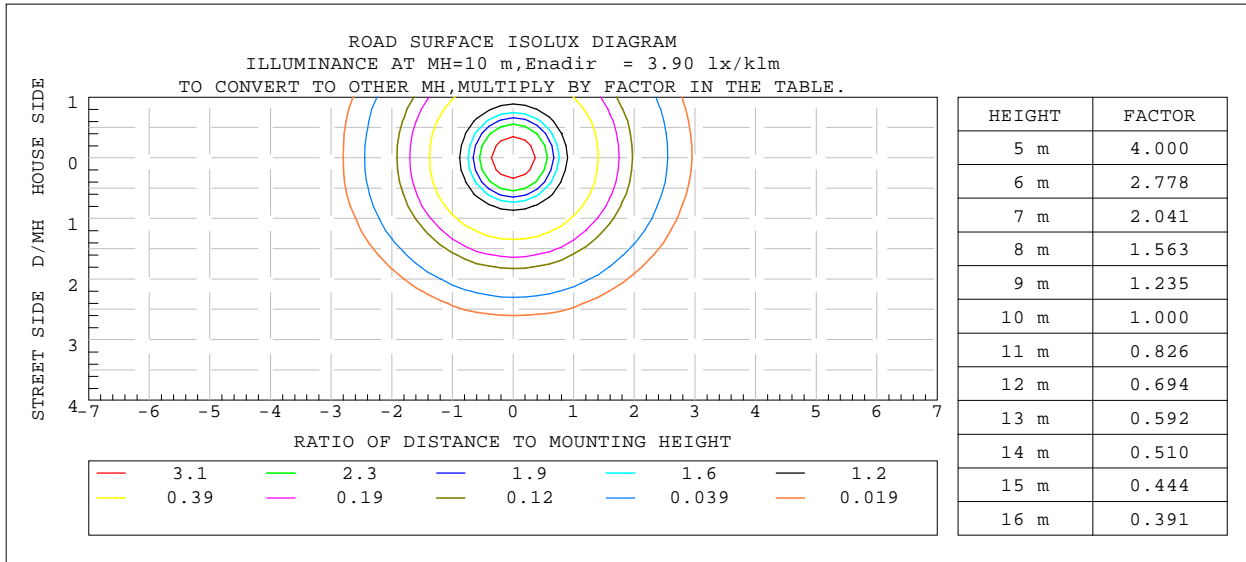
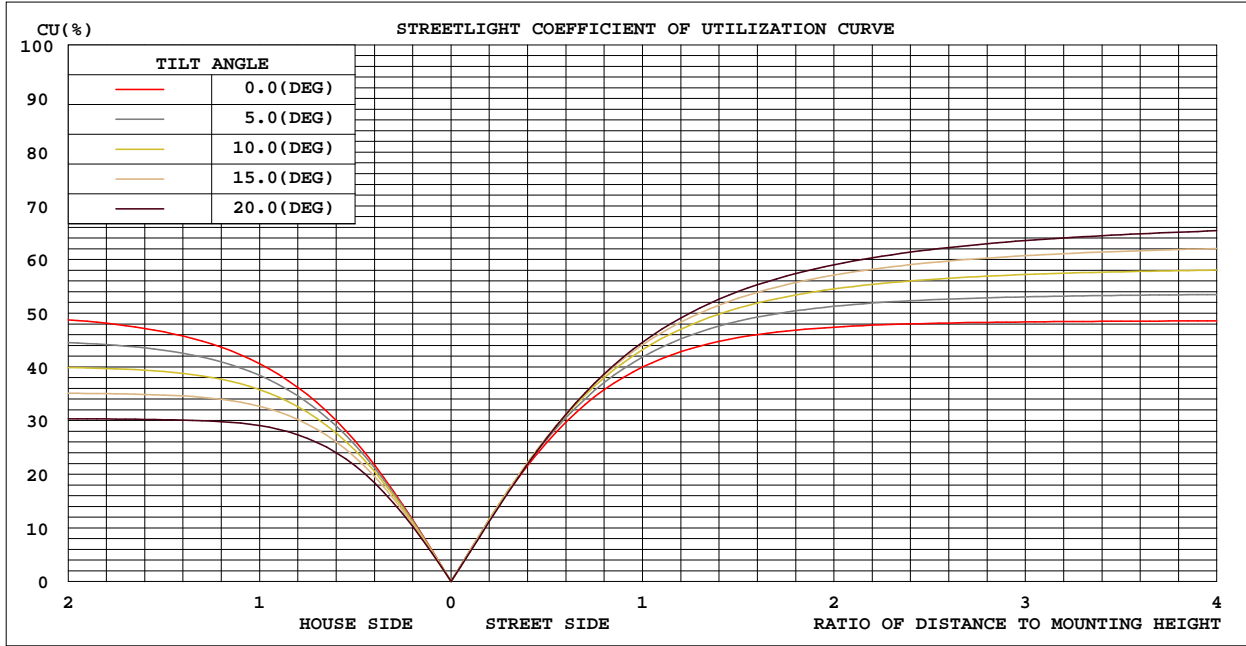
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:13.69cd/klm
 Max.At90:0.4783cd/klm
 Max.80-90:13.69cd/klm

| ISOCANDELA DIAGRAM | |
|--------------------|--------|
| UNIT | cd/klm |
| Imax=100% | 392 |
| 90% | 353 |
| 80% | 314 |
| 70% | 275 |
| 60% | 235 |
| 50% | 196 |
| 40% | 157 |
| 30% | 118 |
| 20% | 78 |
| 10% | 39 |
| 5% | 20 |

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-19

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.000m [K=1.0375]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

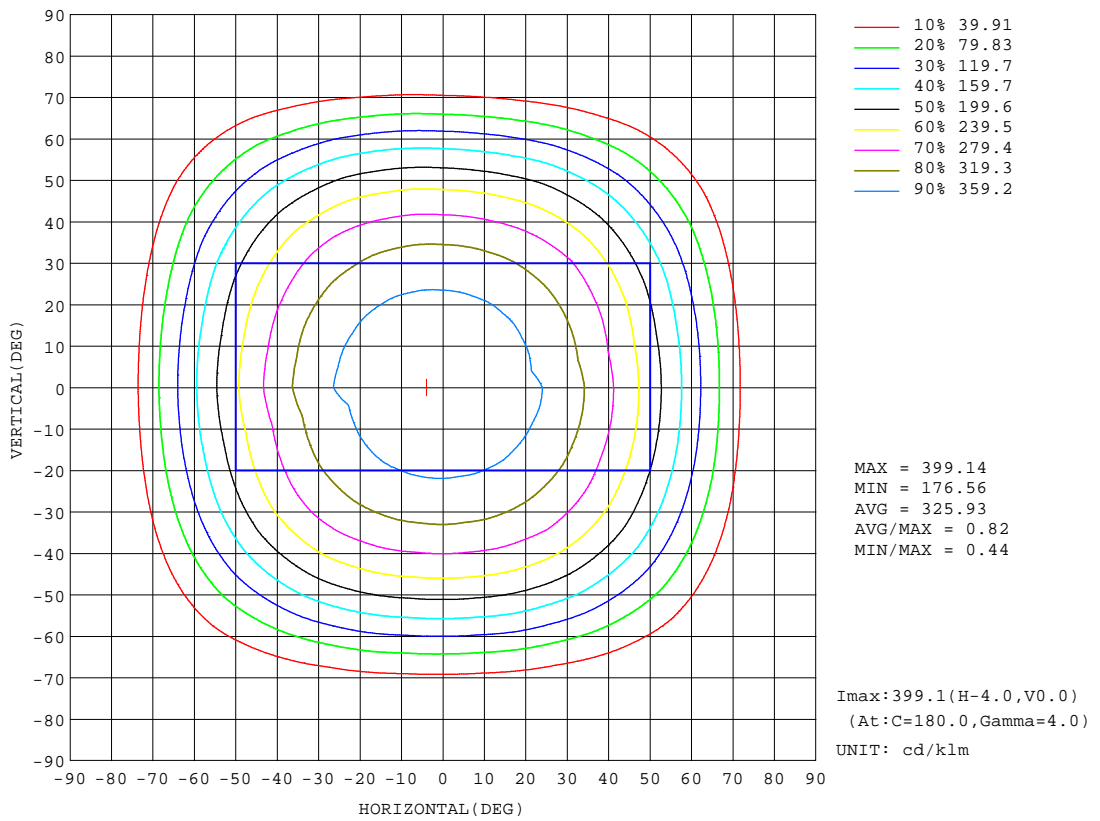
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|---------------------------|--------|--------|--------|--------|--------|--------|--------|---------|-------------|---------|-----------|
| 10 | 384.4 | 384.3 | 384.7 | 385.8 | 388.4 | 387.3 | 387.0 | 385.8 | 0- 10 | 37.12 | 37.12 | 3.71,3.71 |
| 20 | 364.9 | 365.2 | 365.9 | 368.5 | 371.3 | 371.2 | 369.5 | 368.2 | 10- 20 | 106.9 | 144.0 | 14.4,14.4 |
| 30 | 331.8 | 333.5 | 333.2 | 338.3 | 341.3 | 342.4 | 338.8 | 338.0 | 20- 30 | 163.3 | 307.3 | 30.7,30.7 |
| 40 | 281.4 | 287.8 | 280.8 | 293.8 | 294.1 | 300.1 | 290.4 | 293.4 | 30- 40 | 197.6 | 504.9 | 50.5,50.5 |
| 50 | 215.8 | 220.0 | 209.6 | 227.8 | 230.6 | 237.5 | 223.6 | 227.8 | 40- 50 | 199.8 | 704.7 | 70.5,70.5 |
| 60 | 136.7 | 132.8 | 120.4 | 141.3 | 152.4 | 155.5 | 137.8 | 142.8 | 50- 60 | 164.5 | 869.2 | 86.9,86.9 |
| 70 | 51.66 | 42.97 | 34.64 | 48.55 | 66.31 | 61.27 | 43.61 | 48.80 | 60- 70 | 93.10 | 962.3 | 96.2,96.2 |
| 80 | 11.15 | 7.784 | 7.111 | 8.971 | 13.69 | 10.85 | 8.489 | 8.646 | 70- 80 | 25.23 | 987.5 | 98.8,98.8 |
| 90 | 0.2842 | 0.2378 | 0.1954 | 0.2194 | 0.4783 | 0.2075 | 0.1351 | 0.1621 | 80- 90 | 3.789 | 991.3 | 99.1,99.1 |
| 100 | 0.6327 | 0.5656 | 0.4986 | 0.5057 | 0.4423 | 0.4085 | 0.3902 | 0.4486 | 90-100 | 0.3552 | 991.7 | 99.2,99.2 |
| 110 | 1.074 | 0.9940 | 0.9227 | 0.9104 | 0.8380 | 0.7867 | 0.7672 | 0.8497 | 100-110 | 0.7208 | 992.4 | 99.2,99.2 |
| 120 | 1.536 | 1.439 | 1.381 | 1.355 | 1.273 | 1.218 | 1.211 | 1.285 | 110-120 | 1.100 | 993.5 | 99.3,99.3 |
| 130 | 1.945 | 1.848 | 1.831 | 1.750 | 1.708 | 1.617 | 1.656 | 1.703 | 120-130 | 1.385 | 994.9 | 99.5,99.5 |
| 140 | 2.262 | 2.176 | 2.168 | 2.101 | 2.051 | 1.978 | 2.006 | 2.027 | 130-140 | 1.489 | 996.4 | 99.6,99.6 |
| 150 | 2.486 | 2.440 | 2.451 | 2.391 | 2.328 | 2.286 | 2.316 | 2.327 | 140-150 | 1.401 | 997.8 | 99.8,99.8 |
| 160 | 2.730 | 2.708 | 2.720 | 2.657 | 2.625 | 2.598 | 2.639 | 2.650 | 150-160 | 1.162 | 998.9 | 99.9,99.9 |
| 170 | 2.954 | 2.949 | 2.922 | 2.913 | 2.882 | 2.872 | 2.868 | 2.893 | 160-170 | 0.7895 | 999.7 | 100,100 |
| 180 | 3.034 | 3.056 | 3.023 | 3.062 | 3.080 | 3.059 | 3.036 | 3.058 | 170-180 | 0.2827 | 1000 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd/klm | | | | | | | | | UNIT:lm/klm | | |

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

ISOCANDELA DIAGRAM

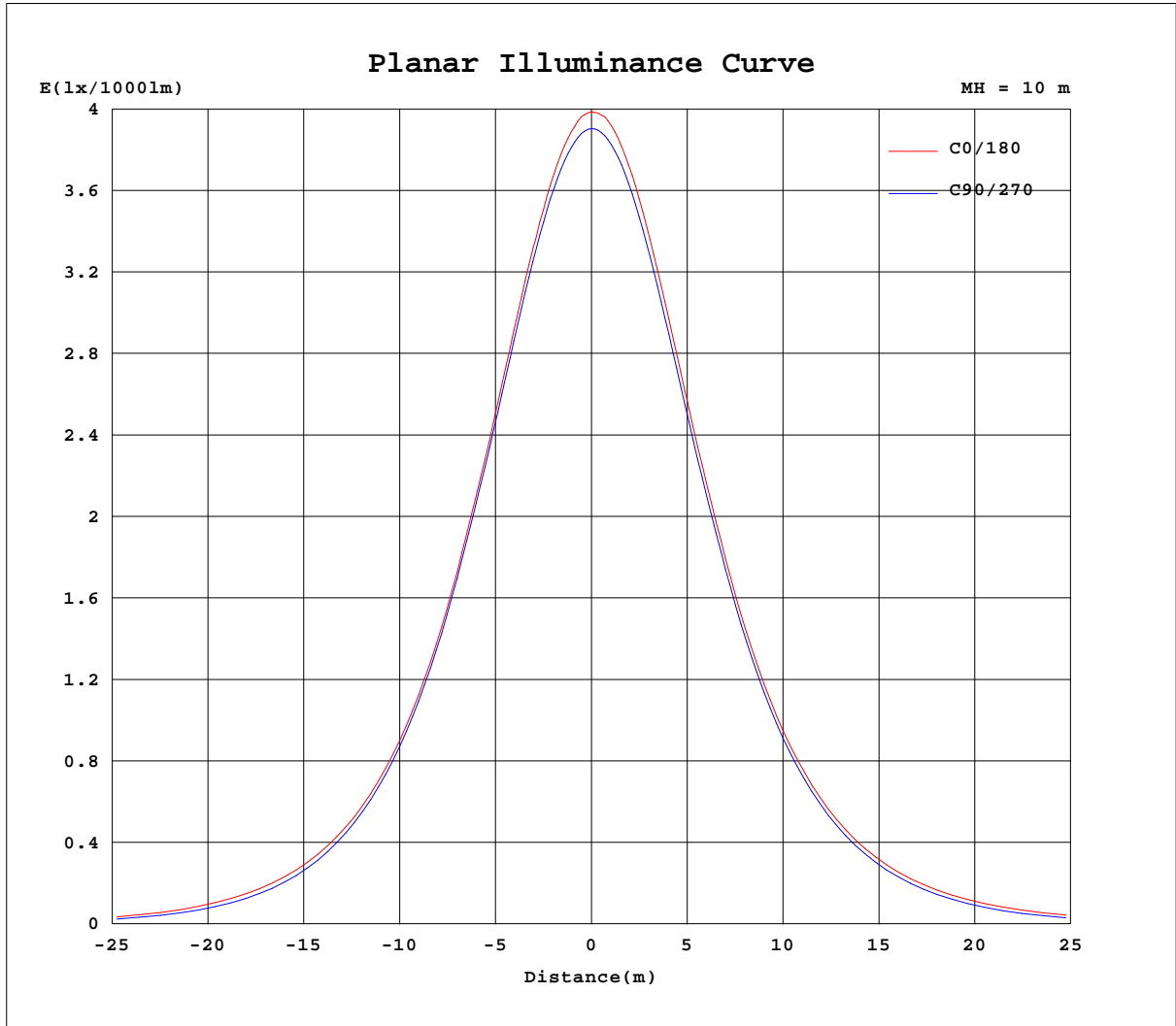
| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

Planar Illuminance Curve



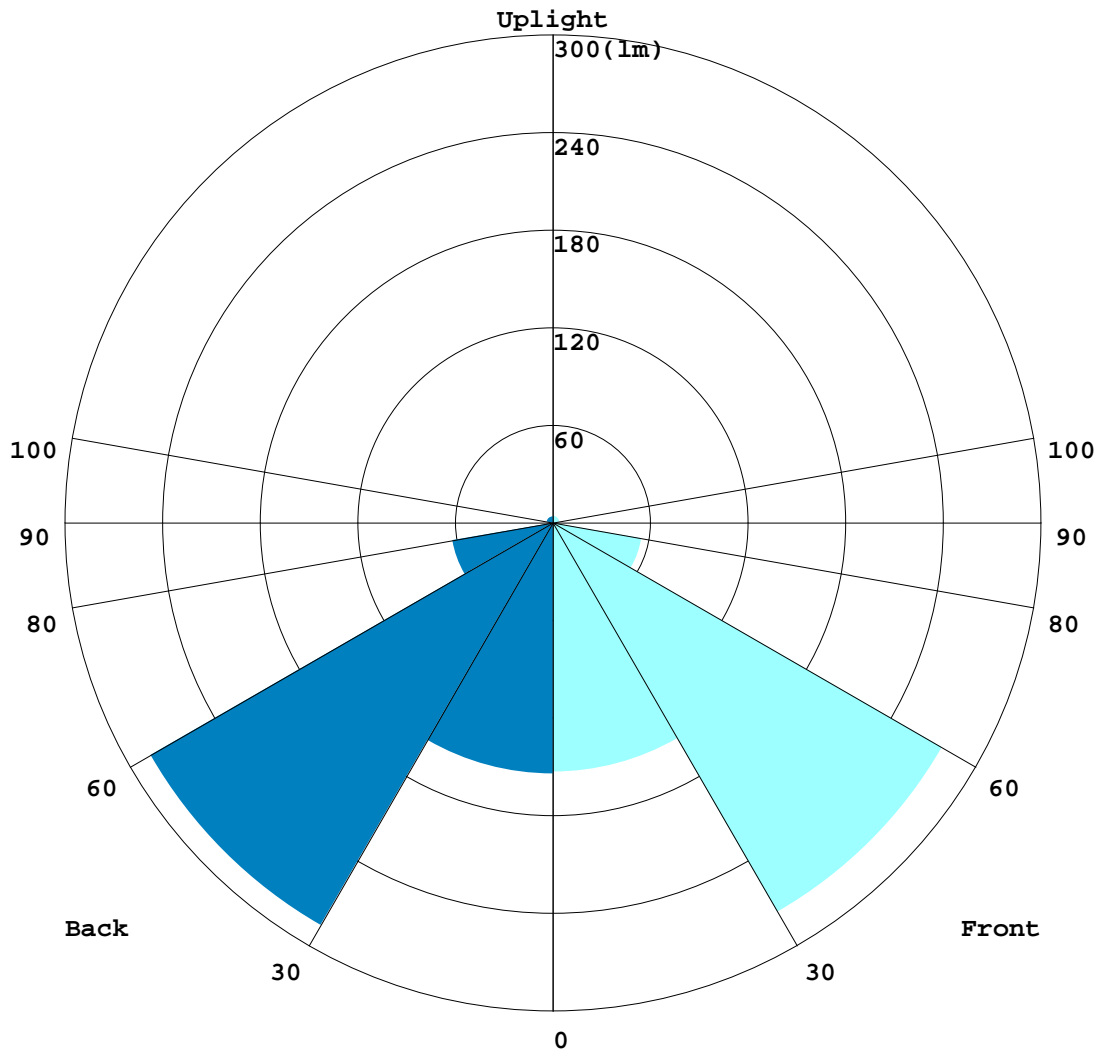
C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0375]
 Remarks:

LCS REPORT

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

BUG REPORT

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30) | 153.01 | 15.3 |
| FM - Front-Medium(30-60) | 276.23 | 27.6 |
| FH - Front-High(60-80) | 55.51 | 5.6 |
| FVH - Front-Very High(80-90) | 1.7035 | 0.2 |
| Total Forward Light | 490.98 | 49.1 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 154.29 | 15.4 |
| BM - Back-Medium(30-60) | 285.66 | 28.6 |
| BH - Back-High(60-80) | 62.825 | 6.3 |
| BVH - Back-Very High(80-90) | 2.0857 | 0.2 |
| Total Back Light | 509.02 | 50.9 |

| | | |
|----------------------------|---------|-----|
| UL - Uplight-Low(90-100) | 0.35517 | 0.0 |
| UH - Uplight-High(100-180) | 8.3302 | 0.8 |
| Total Up Light | 8.6854 | 0.9 |

| | |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B1-U1-G0 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 504.86 | 4.1617 | 509.02 |
| Street Side | 486.46 | 4.5237 | 490.98 |

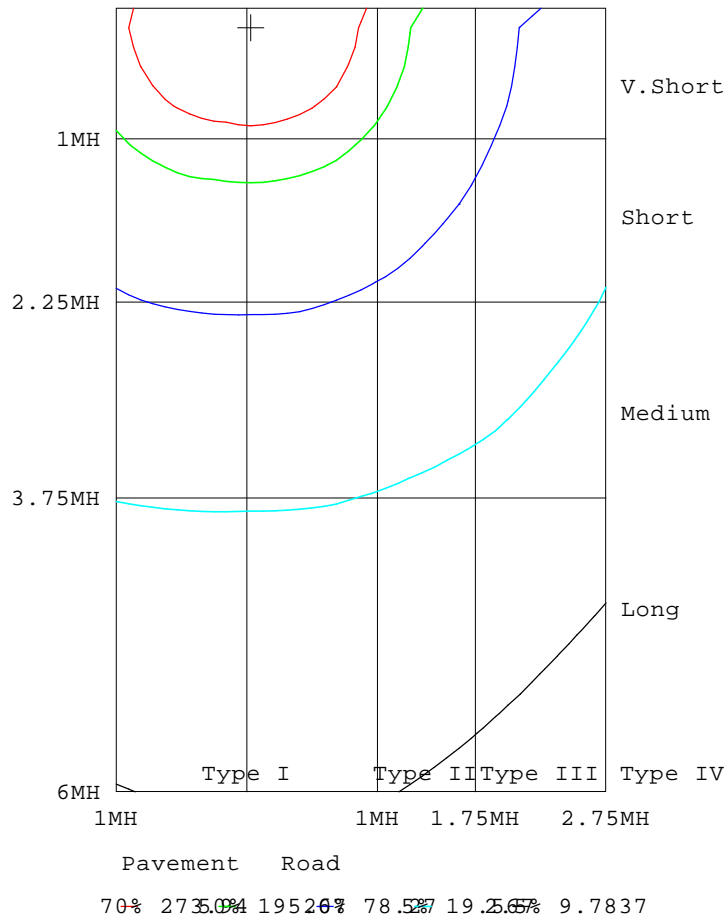
C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-03-19

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity:65.0%
Test Distance:8.000m [K=1.0375]
Remarks:

ROAD ISOCANDELA REPORT

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 10.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-03-19

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.426
Humidity: 65.0%
Test Distance: 8.000m [K=1.0375]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

Table--1

UNIT: cd/klm

| C(DEG) g (DEG) | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 |
| 5 | 389 | 390 | 389 | 390 | 389 | 389 | 389 | 389 | 390 | 390 | 390 | 390 | 390 | 390 | 390 | 391 | 391 | 391 | 392 |
| 10 | 384 | 385 | 385 | 385 | 384 | 384 | 384 | 385 | 385 | 385 | 385 | 386 | 386 | 386 | 386 | 387 | 387 | 386 | 388 |
| 15 | 376 | 377 | 376 | 377 | 376 | 376 | 376 | 377 | 377 | 377 | 377 | 378 | 378 | 378 | 379 | 379 | 380 | 380 | 381 |
| 20 | 365 | 365 | 365 | 366 | 365 | 365 | 365 | 365 | 366 | 366 | 366 | 367 | 367 | 368 | 369 | 369 | 369 | 370 | 371 |
| 25 | 350 | 350 | 350 | 351 | 351 | 351 | 351 | 351 | 351 | 351 | 351 | 353 | 353 | 355 | 355 | 356 | 356 | 356 | 358 |
| 30 | 332 | 332 | 332 | 333 | 333 | 333 | 333 | 333 | 333 | 333 | 334 | 335 | 336 | 338 | 338 | 339 | 339 | 339 | 341 |
| 35 | 309 | 310 | 311 | 313 | 313 | 313 | 312 | 312 | 310 | 310 | 311 | 314 | 316 | 318 | 318 | 320 | 320 | 319 | 321 |
| 40 | 281 | 282 | 284 | 287 | 288 | 288 | 285 | 283 | 281 | 281 | 282 | 285 | 288 | 293 | 295 | 296 | 294 | 293 | 294 |
| 45 | 251 | 252 | 253 | 256 | 257 | 257 | 253 | 251 | 248 | 248 | 249 | 253 | 257 | 262 | 265 | 267 | 265 | 264 | 264 |
| 50 | 216 | 217 | 219 | 222 | 221 | 219 | 217 | 213 | 210 | 210 | 211 | 216 | 221 | 226 | 229 | 233 | 232 | 230 | 231 |
| 55 | 178 | 179 | 181 | 183 | 179 | 178 | 174 | 171 | 167 | 167 | 168 | 174 | 179 | 185 | 189 | 194 | 194 | 193 | 193 |
| 60 | 137 | 138 | 139 | 138 | 134 | 131 | 127 | 125 | 121 | 120 | 122 | 128 | 132 | 139 | 144 | 150 | 152 | 153 | 152 |
| 65 | 93.2 | 94.6 | 93.7 | 92.1 | 87.0 | 83.4 | 78.6 | 76.6 | 73.7 | 73.6 | 74.8 | 80.0 | 83.7 | 90.2 | 95.6 | 103 | 107 | 109 | 109 |
| 70 | 51.7 | 52.5 | 50.4 | 48.9 | 44.5 | 41.5 | 37.7 | 36.5 | 34.7 | 34.6 | 35.4 | 38.8 | 41.3 | 46.2 | 50.9 | 57.4 | 61.5 | 65.1 | 66.3 |
| 75 | 21.0 | 21.2 | 20.5 | 19.9 | 18.0 | 16.6 | 15.2 | 15.0 | 14.7 | 14.8 | 15.0 | 15.8 | 16.4 | 18.4 | 21.0 | 24.4 | 26.7 | 28.9 | 30.3 |
| 80 | 11.2 | 11.0 | 9.84 | 8.82 | 7.95 | 7.62 | 7.10 | 7.03 | 6.96 | 7.11 | 7.18 | 7.65 | 7.95 | 8.68 | 9.26 | 10.3 | 11.5 | 12.9 | 13.7 |
| 85 | 4.34 | 4.00 | 2.85 | 2.15 | 1.66 | 1.21 | 1.15 | 1.14 | 1.13 | 1.23 | 1.25 | 1.33 | 1.44 | 1.95 | 2.45 | 3.21 | 3.97 | 5.36 | 6.35 |
| 90 | 0.28 | 0.24 | 0.25 | 0.24 | 0.25 | 0.23 | 0.23 | 0.21 | 0.20 | 0.20 | 0.19 | 0.20 | 0.20 | 0.21 | 0.23 | 0.24 | 0.25 | 0.28 | 0.48 |
| 95 | 0.43 | 0.40 | 0.41 | 0.39 | 0.39 | 0.38 | 0.36 | 0.35 | 0.35 | 0.33 | 0.34 | 0.33 | 0.33 | 0.33 | 0.34 | 0.34 | 0.33 | 0.33 | 0.27 |
| 100 | 0.63 | 0.60 | 0.59 | 0.57 | 0.57 | 0.56 | 0.55 | 0.52 | 0.52 | 0.50 | 0.50 | 0.49 | 0.51 | 0.50 | 0.51 | 0.51 | 0.51 | 0.50 | 0.44 |
| 105 | 0.86 | 0.81 | 0.80 | 0.79 | 0.78 | 0.76 | 0.75 | 0.73 | 0.73 | 0.70 | 0.69 | 0.69 | 0.69 | 0.69 | 0.71 | 0.70 | 0.71 | 0.69 | 0.64 |
| 110 | 1.07 | 1.03 | 1.03 | 1.01 | 1.01 | 0.98 | 0.96 | 0.93 | 0.94 | 0.92 | 0.91 | 0.90 | 0.91 | 0.90 | 0.92 | 0.90 | 0.92 | 0.90 | 0.84 |
| 115 | 1.31 | 1.26 | 1.26 | 1.24 | 1.24 | 1.21 | 1.19 | 1.17 | 1.16 | 1.15 | 1.14 | 1.13 | 1.13 | 1.13 | 1.13 | 1.12 | 1.13 | 1.13 | 1.05 |
| 120 | 1.54 | 1.50 | 1.49 | 1.47 | 1.46 | 1.42 | 1.42 | 1.40 | 1.41 | 1.38 | 1.37 | 1.36 | 1.36 | 1.35 | 1.36 | 1.34 | 1.34 | 1.36 | 1.27 |
| 125 | 1.75 | 1.73 | 1.70 | 1.68 | 1.67 | 1.64 | 1.64 | 1.63 | 1.65 | 1.62 | 1.59 | 1.59 | 1.58 | 1.57 | 1.56 | 1.56 | 1.57 | 1.57 | 1.49 |
| 130 | 1.94 | 1.93 | 1.89 | 1.87 | 1.87 | 1.83 | 1.83 | 1.81 | 1.84 | 1.83 | 1.81 | 1.80 | 1.77 | 1.75 | 1.75 | 1.75 | 1.77 | 1.77 | 1.71 |
| 135 | 2.12 | 2.10 | 2.07 | 2.05 | 2.04 | 2.00 | 1.99 | 2.00 | 2.01 | 2.01 | 1.99 | 1.96 | 1.94 | 1.93 | 1.94 | 1.93 | 1.94 | 1.96 | 1.89 |
| 140 | 2.26 | 2.24 | 2.21 | 2.20 | 2.19 | 2.16 | 2.15 | 2.15 | 2.17 | 2.17 | 2.15 | 2.12 | 2.10 | 2.09 | 2.11 | 2.10 | 2.11 | 2.12 | 2.05 |
| 145 | 2.39 | 2.38 | 2.35 | 2.34 | 2.30 | 2.30 | 2.30 | 2.30 | 2.32 | 2.31 | 2.29 | 2.27 | 2.26 | 2.25 | 2.25 | 2.25 | 2.26 | 2.26 | 2.20 |
| 150 | 2.49 | 2.49 | 2.45 | 2.46 | 2.44 | 2.44 | 2.44 | 2.45 | 2.46 | 2.45 | 2.45 | 2.41 | 2.40 | 2.39 | 2.39 | 2.39 | 2.39 | 2.40 | 2.33 |
| 155 | 2.60 | 2.61 | 2.60 | 2.59 | 2.56 | 2.57 | 2.58 | 2.60 | 2.59 | 2.59 | 2.58 | 2.56 | 2.56 | 2.52 | 2.54 | 2.53 | 2.55 | 2.54 | 2.48 |
| 160 | 2.73 | 2.74 | 2.73 | 2.72 | 2.71 | 2.71 | 2.73 | 2.74 | 2.73 | 2.72 | 2.71 | 2.70 | 2.69 | 2.65 | 2.66 | 2.67 | 2.68 | 2.69 | 2.63 |
| 165 | 2.88 | 2.88 | 2.85 | 2.86 | 2.84 | 2.84 | 2.85 | 2.86 | 2.85 | 2.83 | 2.82 | 2.82 | 2.79 | 2.79 | 2.80 | 2.80 | 2.80 | 2.81 | 2.78 |
| 170 | 2.95 | 2.94 | 2.93 | 2.94 | 2.94 | 2.96 | 2.94 | 2.94 | 2.93 | 2.92 | 2.90 | 2.90 | 2.91 | 2.91 | 2.91 | 2.91 | 2.92 | 2.91 | 2.88 |
| 175 | 3.03 | 3.02 | 3.01 | 3.01 | 3.00 | 3.02 | 3.02 | 3.02 | 3.01 | 2.99 | 3.00 | 2.99 | 2.98 | 2.98 | 3.00 | 3.01 | 3.02 | 3.00 | 2.98 |
| 180 | 3.03 | 3.04 | 3.03 | 3.04 | 3.05 | 3.06 | 3.05 | 3.03 | 3.04 | 3.02 | 3.04 | 3.03 | 3.03 | 3.06 | 3.06 | 3.05 | 3.04 | 3.03 | 3.08 |

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:120.22V I:0.0894A P:9.6000W PF:0.8203 Freq:59.98Hz Lamp Flux:722.567x1 lm | | |
| NAME: LED DOWNLIGHT | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: ASD LIGHTING CORP | SUR.: | Shielding Angle: |

Table--2

UNIT: cd/klm

| C(DEG) g (DEG) | 190 | 200 | 210 | 220 | 230 | 240 | 250 | 260 | 270 | 280 | 290 | 300 | 310 | 320 | 330 | 340 | 350 | | |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|--|--|
| 0 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | 392 | | |
| 5 | 391 | 391 | 391 | 391 | 391 | 391 | 391 | 391 | 391 | 391 | 391 | 390 | 390 | 390 | 390 | 390 | 390 | | |
| 10 | 387 | 388 | 388 | 387 | 387 | 387 | 387 | 388 | 387 | 387 | 387 | 386 | 386 | 386 | 386 | 386 | 385 | | |
| 15 | 380 | 381 | 381 | 381 | 381 | 381 | 380 | 381 | 380 | 380 | 380 | 379 | 379 | 379 | 378 | 378 | 377 | | |
| 20 | 370 | 371 | 371 | 372 | 371 | 371 | 371 | 371 | 369 | 370 | 369 | 369 | 368 | 368 | 368 | 367 | 366 | | |
| 25 | 357 | 358 | 358 | 359 | 358 | 358 | 357 | 357 | 356 | 356 | 356 | 356 | 355 | 355 | 354 | 353 | 351 | | |
| 30 | 340 | 341 | 342 | 343 | 342 | 342 | 341 | 340 | 339 | 339 | 338 | 339 | 338 | 338 | 336 | 336 | 334 | | |
| 35 | 320 | 322 | 323 | 323 | 323 | 323 | 321 | 320 | 318 | 318 | 318 | 318 | 317 | 317 | 316 | 315 | 312 | | |
| 40 | 293 | 296 | 298 | 301 | 300 | 298 | 295 | 293 | 290 | 290 | 290 | 292 | 293 | 294 | 291 | 289 | 285 | | |
| 45 | 263 | 267 | 270 | 272 | 272 | 269 | 265 | 262 | 259 | 259 | 259 | 262 | 263 | 264 | 261 | 259 | 254 | | |
| 50 | 230 | 235 | 237 | 239 | 236 | 235 | 230 | 227 | 224 | 223 | 224 | 227 | 227 | 228 | 228 | 225 | 220 | | |
| 55 | 193 | 198 | 200 | 200 | 197 | 196 | 191 | 188 | 183 | 182 | 183 | 187 | 187 | 189 | 188 | 187 | 182 | | |
| 60 | 153 | 157 | 158 | 157 | 154 | 151 | 146 | 142 | 138 | 136 | 137 | 140 | 142 | 144 | 144 | 145 | 141 | | |
| 65 | 110 | 114 | 112 | 111 | 106 | 102 | 96.9 | 93.4 | 89.1 | 87.5 | 88.3 | 91.0 | 92.6 | 96.3 | 97.3 | 98.8 | 96.9 | | |
| 70 | 66.7 | 68.5 | 66.5 | 64.1 | 58.4 | 54.4 | 49.5 | 47.1 | 43.6 | 42.6 | 42.7 | 45.0 | 46.8 | 50.8 | 52.8 | 54.8 | 53.8 | | |
| 75 | 30.3 | 31.2 | 29.5 | 27.6 | 23.7 | 21.0 | 18.8 | 18.0 | 17.0 | 16.9 | 16.9 | 17.3 | 17.8 | 20.2 | 21.4 | 22.7 | 22.0 | | |
| 80 | 13.6 | 13.5 | 12.1 | 11.3 | 10.4 | 9.92 | 9.27 | 9.08 | 8.49 | 8.33 | 8.15 | 8.34 | 8.43 | 8.86 | 9.15 | 10.02 | 10.8 | | |
| 85 | 6.15 | 5.36 | 4.31 | 3.75 | 3.01 | 2.75 | 2.22 | 2.00 | 1.62 | 1.54 | 1.43 | 1.47 | 1.51 | 2.08 | 2.31 | 2.87 | 3.72 | | |
| 90 | 0.43 | 0.38 | 0.23 | 0.21 | 0.20 | 0.18 | 0.16 | 0.15 | 0.14 | 0.13 | 0.14 | 0.14 | 0.16 | 0.16 | 0.21 | 0.22 | 0.24 | | |
| 95 | 0.28 | 0.27 | 0.27 | 0.25 | 0.26 | 0.24 | 0.26 | 0.24 | 0.24 | 0.24 | 0.25 | 0.27 | 0.30 | 0.29 | 0.33 | 0.35 | 0.37 | | |
| 100 | 0.44 | 0.43 | 0.42 | 0.40 | 0.42 | 0.40 | 0.39 | 0.38 | 0.39 | 0.39 | 0.41 | 0.43 | 0.44 | 0.45 | 0.50 | 0.53 | 0.57 | | |
| 105 | 0.63 | 0.61 | 0.62 | 0.60 | 0.60 | 0.58 | 0.57 | 0.57 | 0.58 | 0.57 | 0.60 | 0.61 | 0.63 | 0.65 | 0.71 | 0.74 | 0.77 | | |
| 110 | 0.83 | 0.82 | 0.81 | 0.78 | 0.79 | 0.77 | 0.77 | 0.77 | 0.77 | 0.78 | 0.79 | 0.82 | 0.84 | 0.86 | 0.91 | 0.95 | 0.98 | | |
| 115 | 1.06 | 1.03 | 1.02 | 1.00 | 1.01 | 0.99 | 0.98 | 0.98 | 0.99 | 0.98 | 1.01 | 1.04 | 1.06 | 1.07 | 1.13 | 1.16 | 1.21 | | |
| 120 | 1.26 | 1.24 | 1.23 | 1.22 | 1.22 | 1.21 | 1.21 | 1.21 | 1.21 | 1.22 | 1.23 | 1.26 | 1.28 | 1.29 | 1.35 | 1.38 | 1.42 | | |
| 125 | 1.48 | 1.46 | 1.45 | 1.42 | 1.43 | 1.42 | 1.41 | 1.42 | 1.43 | 1.43 | 1.47 | 1.46 | 1.49 | 1.51 | 1.55 | 1.61 | 1.63 | | |
| 130 | 1.69 | 1.66 | 1.64 | 1.62 | 1.61 | 1.61 | 1.61 | 1.63 | 1.66 | 1.66 | 1.68 | 1.68 | 1.69 | 1.71 | 1.75 | 1.80 | 1.82 | | |
| 135 | 1.87 | 1.84 | 1.83 | 1.80 | 1.82 | 1.81 | 1.81 | 1.82 | 1.84 | 1.85 | 1.85 | 1.86 | 1.87 | 1.89 | 1.92 | 1.95 | 2.00 | | |
| 140 | 2.03 | 2.00 | 1.98 | 1.98 | 1.98 | 1.97 | 1.98 | 1.99 | 2.01 | 2.01 | 2.04 | 2.03 | 2.02 | 2.03 | 2.09 | 2.11 | 2.15 | | |
| 145 | 2.17 | 2.16 | 2.15 | 2.14 | 2.14 | 2.12 | 2.15 | 2.17 | 2.18 | 2.20 | 2.19 | 2.18 | 2.18 | 2.19 | 2.21 | 2.25 | 2.27 | | |
| 150 | 2.32 | 2.30 | 2.29 | 2.28 | 2.29 | 2.29 | 2.28 | 2.29 | 2.32 | 2.31 | 2.31 | 2.31 | 2.33 | 2.33 | 2.34 | 2.35 | 2.36 | | |
| 155 | 2.47 | 2.46 | 2.45 | 2.44 | 2.45 | 2.43 | 2.45 | 2.47 | 2.47 | 2.49 | 2.49 | 2.48 | 2.49 | 2.48 | 2.50 | 2.50 | 2.51 | | |
| 160 | 2.61 | 2.61 | 2.61 | 2.60 | 2.60 | 2.60 | 2.61 | 2.63 | 2.64 | 2.65 | 2.65 | 2.66 | 2.66 | 2.64 | 2.65 | 2.67 | 2.67 | | |
| 165 | 2.76 | 2.75 | 2.76 | 2.75 | 2.73 | 2.74 | 2.75 | 2.77 | 2.77 | 2.78 | 2.81 | 2.80 | 2.79 | 2.78 | 2.79 | 2.80 | 2.82 | | |
| 170 | 2.88 | 2.88 | 2.88 | 2.88 | 2.87 | 2.85 | 2.86 | 2.86 | 2.87 | 2.88 | 2.91 | 2.91 | 2.89 | 2.89 | 2.90 | 2.90 | 2.91 | | |
| 175 | 2.97 | 2.97 | 2.98 | 2.98 | 2.97 | 2.97 | 2.96 | 2.96 | 2.97 | 2.97 | 2.97 | 2.99 | 3.02 | 3.00 | 3.00 | 2.99 | 2.99 | | |
| 180 | 3.04 | 3.05 | 3.04 | 3.06 | 3.06 | 3.04 | 3.04 | 3.03 | 3.04 | 3.04 | 3.03 | 3.03 | 3.05 | 3.07 | 3.04 | 3.04 | 3.03 | | |

C Range: 0 - 360DEG
 C Interval: 10.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-03-19

g Range: 0 - 180DEG
 g Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.426
 Humidity:65.0%
 Test Distance:8.000m [K=1.0375]
 Remarks: