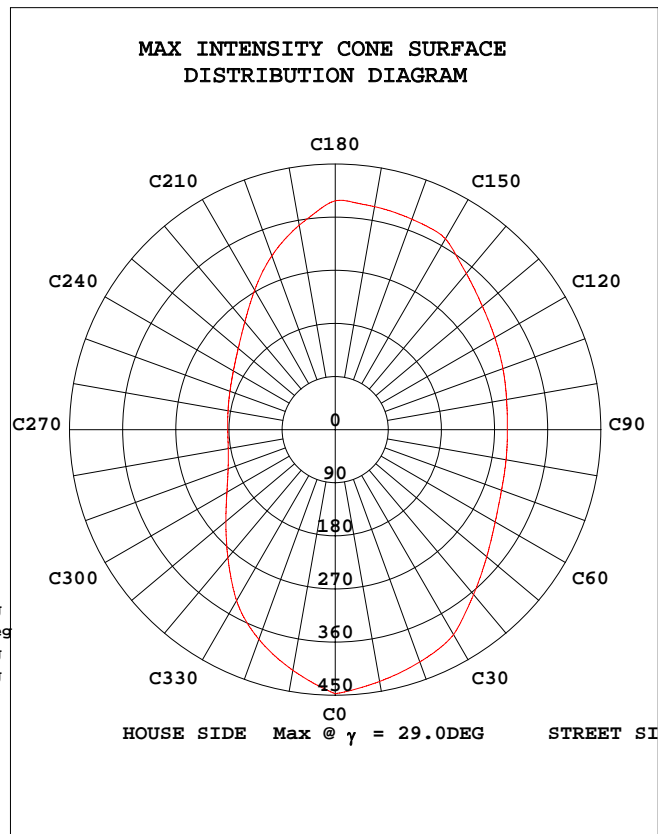
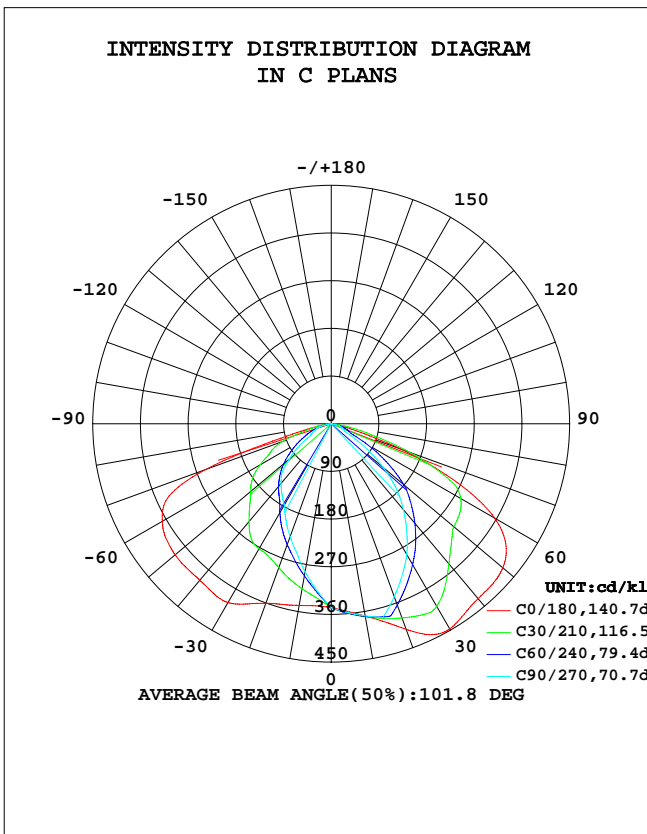


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|------------------|---------|-------------------------|--------|-----------------------|---------|
| MODEL | 3030 | Imax(cd/klm) | 447.5 | η street_up(%) | 0.0 |
| NOMINAL POWER(W) | 50 | LOR(%) | 100.0 | η street_down(%) | 55.2 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm/klm) | 1000.0 | η house_up(%) | 0.0 |
| NOMINAL FLUX(lm) | 4568.15 | MAXIMUM @(C, γ) | 0,29.0 | η house_down(%) | 44.8 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | 76 FLASHAREA(m2) | 0.05000 |
| TEST VOLTAGE(V) | | η down(%) | 100.0 | SLI | 18.837 |



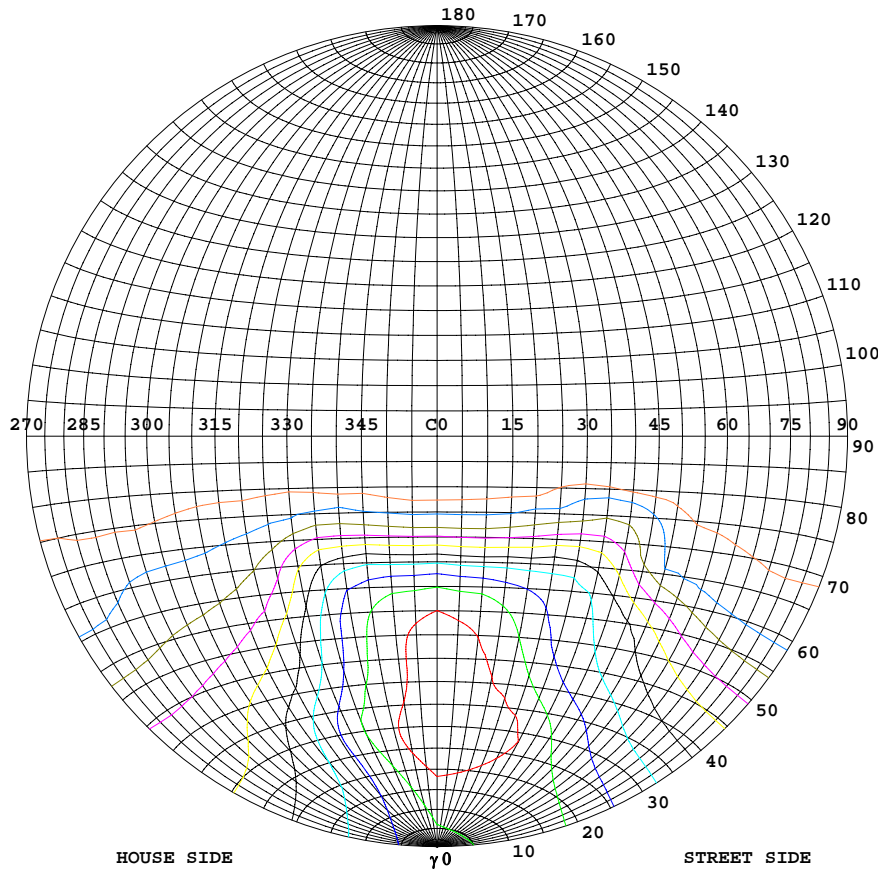
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index
 C:\Users\Administrator\Desktop\F3302.GOS

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |



Classification:

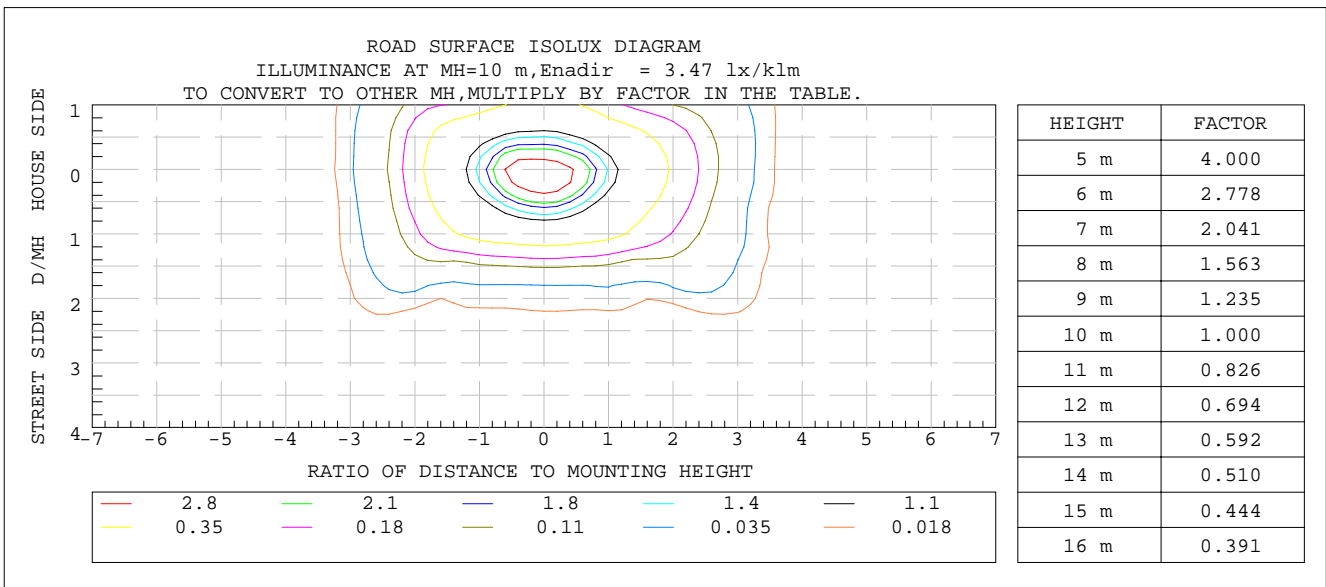
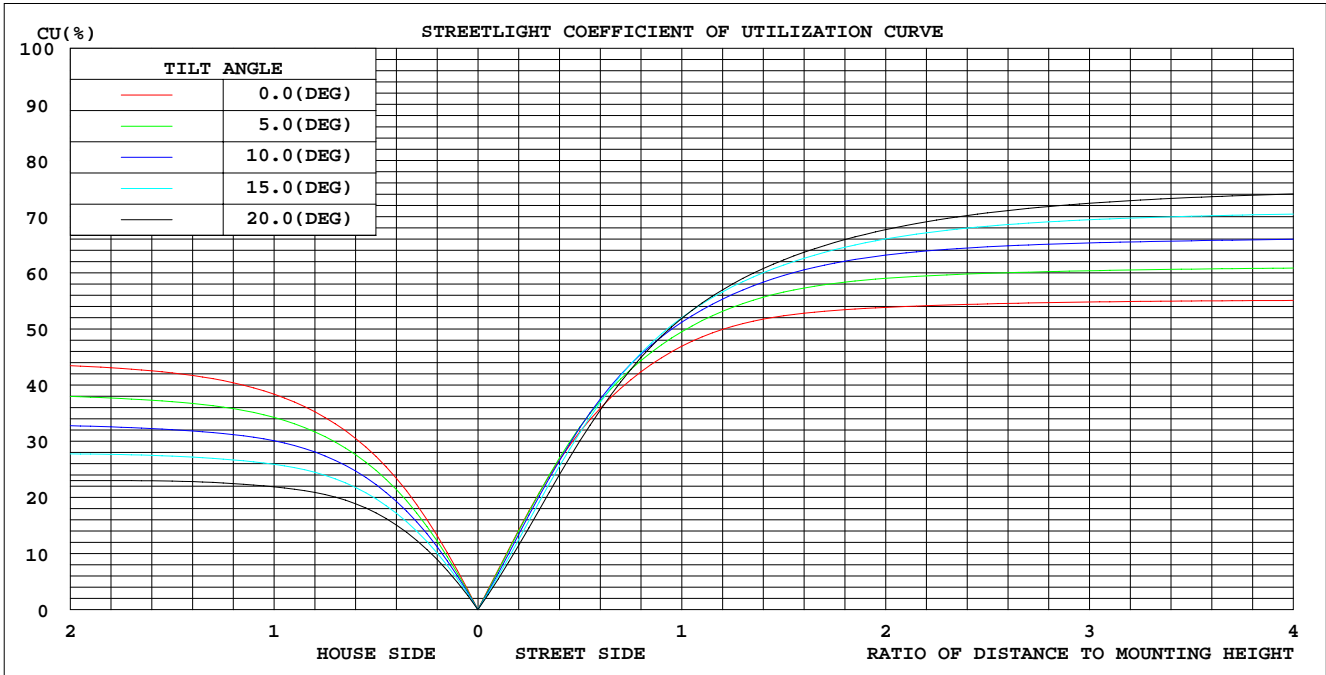
IES:Type II - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:45.46cd/klm
 Max.At90:1.331cd/klm
 Max.80-90:45.46cd/klm

| ISOCANDELA DIAGRAM | |
|--------------------|--------|
| UNIT | cd/klm |
| Imax=100% | 447 |
| 90% | 403 |
| 80% | 358 |
| 70% | 313 |
| 60% | 268 |
| 50% | 224 |
| 40% | 179 |
| 30% | 134 |
| 20% | 89 |
| 10% | 45 |
| 5% | 22 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.284
Humidity: 65.0%
Test Distance: 9.150m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

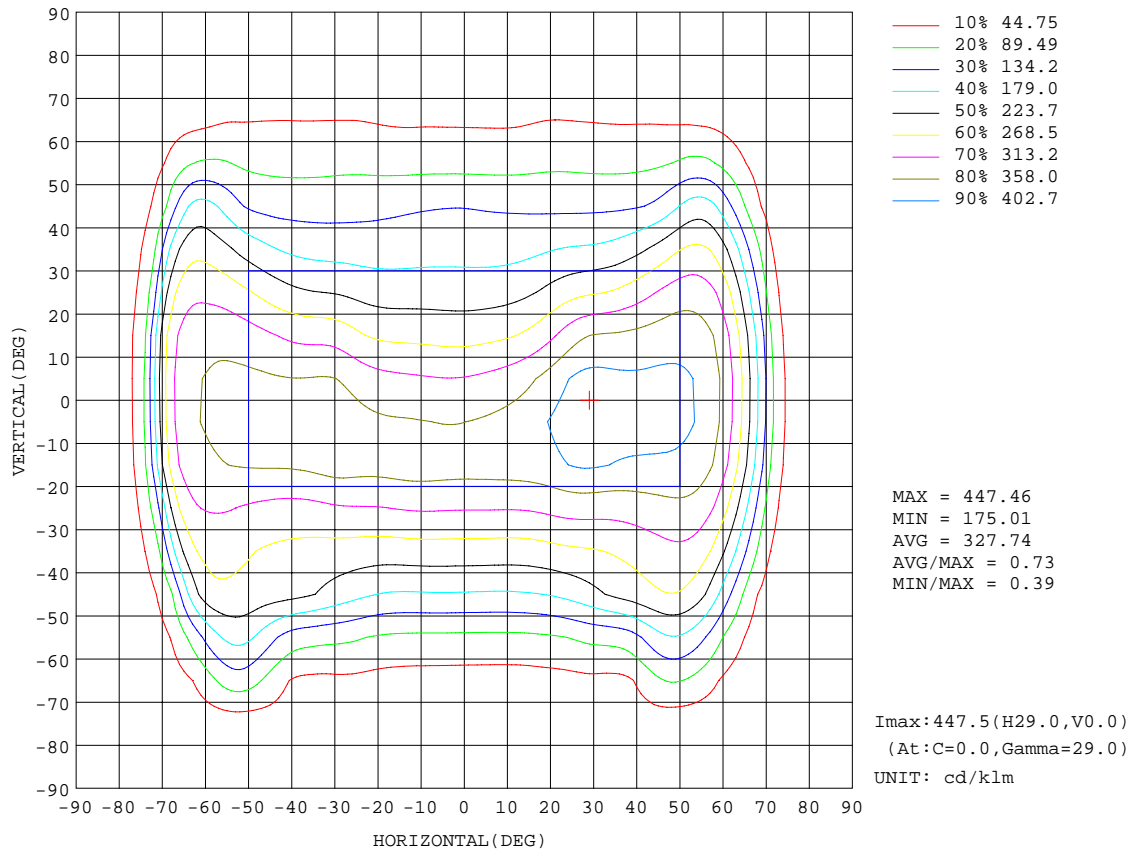
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum,lamp |
|-----|---------------------------|-------|-------|-------|-------|-------|-------|-------|---------|-------------|---------|-----------|
| 5 | 355.8 | 359.0 | 357.7 | 353.1 | 344.9 | 323.1 | 315.6 | 329.7 | 0- 5 | 8.214 | 8.214 | 0.82,0.82 |
| 10 | 368.4 | 369.5 | 368.1 | 362.6 | 348.2 | 302.6 | 283.9 | 312.4 | 5- 10 | 24.33 | 32.54 | 3.25,3.25 |
| 15 | 386.9 | 377.7 | 378.5 | 372.8 | 353.2 | 282.8 | 252.2 | 294.9 | 10- 15 | 40.00 | 72.55 | 7.25,7.25 |
| 20 | 412.7 | 382.8 | 347.5 | 379.8 | 360.6 | 261.3 | 227.2 | 278.5 | 15- 20 | 54.75 | 127.3 | 12.7,12.7 |
| 25 | 439.3 | 365.3 | 316.5 | 356.8 | 375.2 | 240.9 | 202.2 | 268.7 | 20- 25 | 67.70 | 195.0 | 19.5,19.5 |
| 30 | 447.1 | 344.8 | 285.5 | 329.2 | 389.8 | 221.4 | 177.3 | 258.7 | 25- 30 | 78.86 | 273.9 | 27.4,27.4 |
| 35 | 438.1 | 320.5 | 248.8 | 301.9 | 389.5 | 201.6 | 162.4 | 240.1 | 30- 35 | 87.08 | 360.9 | 36.1,36.1 |
| 40 | 431.0 | 289.1 | 212.1 | 272.5 | 385.8 | 178.6 | 147.5 | 209.4 | 35- 40 | 91.64 | 452.6 | 45.3,45.3 |
| 45 | 429.3 | 264.1 | 175.4 | 249.8 | 385.5 | 160.1 | 132.7 | 184.2 | 40- 45 | 93.71 | 546.3 | 54.6,54.6 |
| 50 | 422.7 | 246.2 | 127.2 | 234.3 | 384.6 | 138.7 | 103.7 | 156.8 | 45- 50 | 93.96 | 640.2 | 64,64 |
| 55 | 402.8 | 230.3 | 79.02 | 223.1 | 380.1 | 115.0 | 74.75 | 125.3 | 50- 55 | 91.34 | 731.6 | 73.2,73.2 |
| 60 | 356.1 | 167.0 | 30.81 | 160.7 | 368.1 | 92.79 | 45.78 | 98.87 | 55- 60 | 84.52 | 816.1 | 81.6,81.6 |
| 65 | 262.1 | 104.9 | 25.83 | 93.70 | 344.7 | 69.08 | 38.32 | 69.67 | 60- 65 | 72.95 | 889.1 | 88.9,88.9 |
| 70 | 138.4 | 69.40 | 20.85 | 56.50 | 252.0 | 49.19 | 30.87 | 45.86 | 65- 70 | 57.58 | 946.6 | 94.7,94.7 |
| 75 | 40.22 | 48.70 | 15.87 | 44.30 | 75.60 | 34.89 | 23.41 | 31.32 | 70- 75 | 34.79 | 981.4 | 98.1,98.1 |
| 80 | 13.37 | 15.20 | 0 | 18.57 | 18.89 | 17.46 | 0 | 14.15 | 75- 80 | 14.29 | 995.7 | 99.6,99.6 |
| 85 | 8.016 | 0 | 0 | 0 | 9.536 | 0 | 0 | 0 | 80- 85 | 3.680 | 999.4 | 99.9,99.9 |
| 90 | 1.331 | 0 | 0 | 0 | 1.024 | 0 | 0 | 0 | 85- 90 | 0.6093 | 1000 | 100,100 |
| 95 | | | | | | | | | 90- 95 | | | |
| 100 | | | | | | | | | 95-100 | | | |
| 105 | | | | | | | | | 100-105 | | | |
| 110 | | | | | | | | | 105-110 | | | |
| 115 | | | | | | | | | 110-115 | | | |
| 120 | | | | | | | | | 115-120 | | | |
| 125 | | | | | | | | | 120-125 | | | |
| 130 | | | | | | | | | 125-130 | | | |
| 135 | | | | | | | | | 130-135 | | | |
| 140 | | | | | | | | | 135-140 | | | |
| 145 | | | | | | | | | 140-145 | | | |
| 150 | | | | | | | | | 145-150 | | | |
| 155 | | | | | | | | | 150-155 | | | |
| 160 | | | | | | | | | 155-160 | | | |
| 165 | | | | | | | | | 160-165 | | | |
| 170 | | | | | | | | | 165-170 | | | |
| 175 | | | | | | | | | 170-175 | | | |
| 180 | | | | | | | | | 175-180 | | | |
| DEG | LUMINOUS INTENSITY:cd/klm | | | | | | | | | UNIT:lm/klm | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

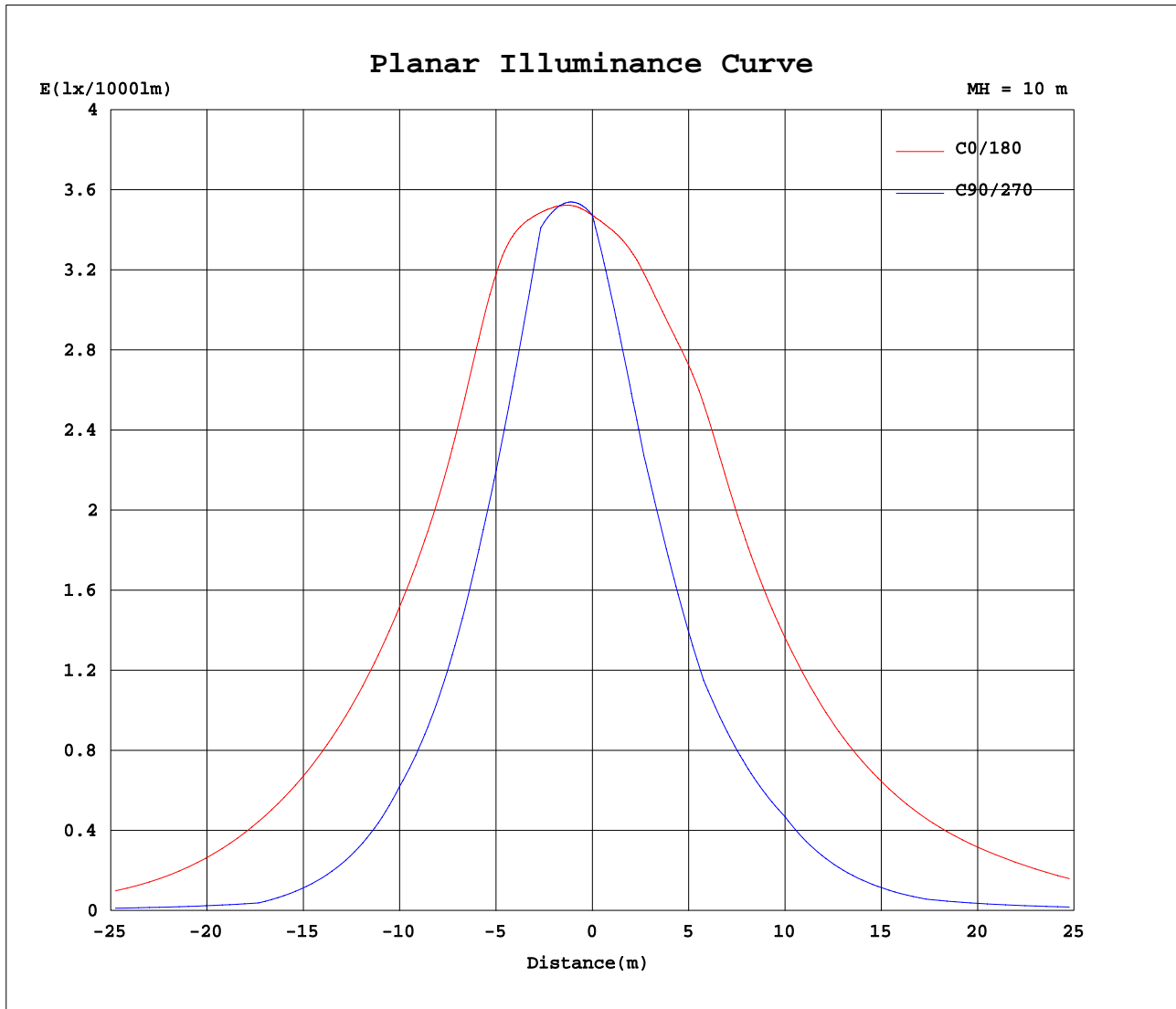
| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.150m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.150m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

Table--1

UNIT: cd/klm

| C(DEG) γ (DEG) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 |
| 5 | 356 | 356 | 357 | 357 | 358 | 358 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 358 | 358 | 358 | 358 |
| 10 | 368 | 369 | 369 | 370 | 370 | 370 | 370 | 370 | 370 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 369 | 368 | 368 |
| 15 | 387 | 386 | 385 | 384 | 383 | 382 | 380 | 379 | 378 | 378 | 377 | 377 | 377 | 378 | 378 | 378 | 378 | 378 | 378 |
| 20 | 413 | 410 | 406 | 402 | 398 | 394 | 390 | 387 | 384 | 383 | 378 | 371 | 364 | 359 | 355 | 352 | 349 | 348 | 347 |
| 25 | 439 | 434 | 427 | 420 | 413 | 406 | 399 | 393 | 378 | 365 | 354 | 344 | 336 | 330 | 325 | 321 | 319 | 317 | 316 |
| 30 | 447 | 440 | 432 | 425 | 418 | 411 | 398 | 379 | 361 | 345 | 330 | 318 | 307 | 299 | 294 | 290 | 288 | 286 | 285 |
| 35 | 438 | 430 | 422 | 415 | 408 | 395 | 375 | 355 | 337 | 321 | 305 | 291 | 278 | 267 | 259 | 254 | 251 | 249 | 249 |
| 40 | 431 | 422 | 413 | 405 | 392 | 368 | 346 | 324 | 305 | 289 | 276 | 261 | 246 | 233 | 224 | 218 | 214 | 212 | 212 |
| 45 | 429 | 419 | 408 | 398 | 374 | 347 | 321 | 295 | 279 | 264 | 248 | 230 | 213 | 199 | 189 | 181 | 177 | 175 | 175 |
| 50 | 423 | 412 | 402 | 385 | 358 | 330 | 302 | 284 | 265 | 246 | 225 | 203 | 178 | 159 | 145 | 136 | 130 | 128 | 127 |
| 55 | 403 | 393 | 386 | 366 | 342 | 316 | 296 | 275 | 254 | 230 | 190 | 157 | 131 | 111 | 97.3 | 87.9 | 82.3 | 79.5 | 79.0 |
| 60 | 356 | 346 | 340 | 326 | 312 | 296 | 282 | 265 | 219 | 167 | 129 | 102 | 79.5 | 61.3 | 48.8 | 39.4 | 34.2 | 31.5 | 30.8 |
| 65 | 262 | 253 | 249 | 249 | 244 | 247 | 241 | 214 | 168 | 105 | 59.0 | 42.6 | 39.5 | 33.1 | 29.5 | 26.5 | 25.7 | 25.6 | 25.8 |
| 70 | 138 | 132 | 130 | 135 | 142 | 154 | 157 | 150 | 120 | 69.4 | 36.6 | 31.3 | 29.7 | 25.2 | 22.7 | 20.8 | 20.3 | 20.5 | 20.8 |
| 75 | 40.2 | 39.5 | 39.6 | 41.9 | 54.4 | 60.2 | 73.7 | 83.5 | 74.0 | 48.7 | 28.1 | 21.2 | 18.6 | 16.6 | 15.5 | 14.9 | 14.9 | 15.5 | 15.9 |
| 80 | 13.4 | 14.2 | 15.3 | 16.9 | 17.3 | 22.9 | 28.5 | 27.2 | 17.6 | 15.2 | 11.6 | 6.97 | 4.33 | 2.85 | 1.78 | 0.99 | 0.44 | 0.12 | 0.00 |
| 85 | 8.02 | 8.70 | 9.68 | 10.6 | 9.89 | 4.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 1.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | | | | | | | | | | | |
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C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

Table--2

UNIT: cd/klm

| C(DEG) / γ (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 |
| 5 | 357 | 357 | 357 | 356 | 356 | 355 | 354 | 354 | 353 | 352 | 352 | 351 | 350 | 349 | 348 | 347 | 346 | 345 | 342 |
| 10 | 368 | 367 | 367 | 367 | 366 | 365 | 365 | 364 | 363 | 361 | 360 | 359 | 357 | 356 | 354 | 352 | 350 | 348 | 343 |
| 15 | 379 | 379 | 378 | 378 | 378 | 377 | 376 | 375 | 373 | 371 | 369 | 367 | 364 | 362 | 360 | 358 | 356 | 353 | 345 |
| 20 | 348 | 350 | 353 | 357 | 361 | 366 | 372 | 378 | 380 | 377 | 374 | 371 | 369 | 367 | 365 | 364 | 362 | 361 | 348 |
| 25 | 317 | 319 | 323 | 327 | 332 | 337 | 343 | 349 | 357 | 366 | 376 | 374 | 373 | 373 | 374 | 375 | 375 | 375 | 360 |
| 30 | 286 | 289 | 292 | 296 | 301 | 306 | 312 | 320 | 329 | 341 | 354 | 370 | 379 | 381 | 383 | 385 | 387 | 390 | 372 |
| 35 | 250 | 253 | 256 | 261 | 267 | 273 | 281 | 290 | 302 | 316 | 331 | 348 | 367 | 376 | 378 | 381 | 385 | 389 | 369 |
| 40 | 213 | 216 | 220 | 224 | 230 | 239 | 250 | 262 | 273 | 285 | 301 | 318 | 338 | 360 | 369 | 374 | 380 | 386 | 363 |
| 45 | 177 | 179 | 182 | 187 | 195 | 207 | 222 | 237 | 250 | 260 | 268 | 289 | 312 | 338 | 364 | 371 | 378 | 386 | 363 |
| 50 | 129 | 132 | 137 | 144 | 157 | 175 | 198 | 217 | 234 | 247 | 257 | 265 | 290 | 320 | 350 | 367 | 376 | 385 | 364 |
| 55 | 80.5 | 83.8 | 89.0 | 97.4 | 111 | 130 | 155 | 185 | 223 | 240 | 251 | 262 | 275 | 303 | 335 | 361 | 370 | 380 | 363 |
| 60 | 32.2 | 35.7 | 41.3 | 50.2 | 63.7 | 82.2 | 101 | 127 | 161 | 204 | 246 | 259 | 274 | 292 | 320 | 346 | 358 | 368 | 355 |
| 65 | 26.2 | 26.8 | 28.0 | 30.9 | 36.7 | 43.0 | 44.0 | 59.8 | 93.7 | 149 | 204 | 244 | 266 | 281 | 300 | 320 | 335 | 345 | 335 |
| 70 | 21.0 | 21.0 | 21.6 | 23.5 | 27.4 | 31.1 | 32.4 | 36.7 | 56.5 | 109 | 171 | 197 | 214 | 226 | 222 | 228 | 244 | 252 | 256 |
| 75 | 15.7 | 15.1 | 15.1 | 15.5 | 16.9 | 18.9 | 21.8 | 28.0 | 44.3 | 76.8 | 115 | 119 | 103 | 100 | 75.0 | 71.3 | 75.8 | 75.6 | 78.0 |
| 80 | 0.12 | 0.45 | 0.99 | 1.77 | 2.82 | 4.31 | 7.17 | 12.7 | 18.6 | 22.0 | 38.2 | 45.5 | 37.8 | 27.1 | 27.1 | 22.0 | 19.4 | 18.9 | 21.7 |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.27 | 13.5 | 13.9 | 11.6 | 9.99 | 9.54 | 11.4 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.02 | 0.00 |
| | | | | | | | | | | | | | | | | | | | |
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C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity: 65.0%
 Test Distance: 9.150m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

Table--3

UNIT: cd/klm

| C(DEG) γ (DEG) | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 | 240 | 245 | 250 | 255 | 260 | 265 | 270 | 275 | 280 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 |
| 5 | 340 | 337 | 334 | 332 | 330 | 327 | 325 | 323 | 321 | 320 | 318 | 317 | 316 | 316 | 315 | 315 | 316 | 316 | 317 |
| 10 | 337 | 332 | 327 | 321 | 316 | 312 | 307 | 303 | 299 | 295 | 292 | 289 | 287 | 285 | 284 | 284 | 284 | 285 | 286 |
| 15 | 336 | 328 | 319 | 311 | 304 | 296 | 289 | 283 | 277 | 272 | 267 | 262 | 258 | 256 | 253 | 252 | 252 | 253 | 255 |
| 20 | 336 | 324 | 312 | 300 | 289 | 279 | 270 | 261 | 254 | 248 | 243 | 238 | 234 | 231 | 229 | 228 | 227 | 228 | 230 |
| 25 | 343 | 327 | 310 | 293 | 277 | 263 | 251 | 241 | 232 | 225 | 219 | 214 | 210 | 207 | 204 | 203 | 202 | 203 | 205 |
| 30 | 353 | 334 | 314 | 294 | 273 | 253 | 235 | 221 | 210 | 201 | 194 | 189 | 185 | 182 | 180 | 178 | 177 | 177 | 179 |
| 35 | 349 | 329 | 309 | 287 | 264 | 241 | 220 | 202 | 187 | 176 | 171 | 168 | 166 | 165 | 164 | 163 | 162 | 162 | 163 |
| 40 | 341 | 318 | 294 | 267 | 242 | 218 | 196 | 179 | 168 | 160 | 155 | 151 | 150 | 149 | 148 | 148 | 148 | 147 | 147 |
| 45 | 339 | 315 | 282 | 248 | 218 | 190 | 173 | 160 | 150 | 142 | 137 | 134 | 133 | 133 | 133 | 133 | 133 | 132 | 131 |
| 50 | 342 | 313 | 274 | 235 | 198 | 172 | 153 | 139 | 129 | 121 | 117 | 113 | 110 | 107 | 106 | 104 | 104 | 103 | 104 |
| 55 | 345 | 309 | 268 | 224 | 182 | 150 | 129 | 115 | 106 | 100 | 94.6 | 88.5 | 83.2 | 79.4 | 77.3 | 75.5 | 74.8 | 74.8 | 76.2 |
| 60 | 337 | 301 | 259 | 204 | 155 | 121 | 104 | 92.8 | 84.4 | 78.7 | 73.3 | 65.4 | 57.5 | 51.9 | 49.2 | 46.7 | 45.8 | 46.3 | 48.5 |
| 65 | 318 | 289 | 240 | 183 | 127 | 96.9 | 80.3 | 69.1 | 61.2 | 56.9 | 54.0 | 48.6 | 42.9 | 39.8 | 39.4 | 38.8 | 38.3 | 38.2 | 38.4 |
| 70 | 249 | 232 | 205 | 147 | 97.4 | 67.9 | 54.4 | 49.2 | 44.9 | 41.4 | 38.0 | 35.3 | 32.3 | 30.6 | 31.0 | 31.2 | 30.9 | 30.3 | 29.7 |
| 75 | 86.8 | 98.9 | 103 | 66.0 | 48.0 | 42.7 | 37.8 | 34.9 | 31.2 | 26.6 | 21.8 | 20.8 | 21.2 | 21.1 | 22.4 | 23.6 | 23.4 | 22.4 | 20.7 |
| 80 | 25.4 | 30.7 | 26.0 | 24.9 | 22.7 | 20.2 | 18.7 | 17.5 | 13.0 | 8.24 | 4.76 | 3.36 | 2.40 | 1.39 | 0.66 | 0.18 | 0.00 | 0.17 | 0.61 |
| 85 | 14.2 | 14.5 | 10.6 | 3.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|-------------|-------------------|
| Test:U:219.2V I:0.2425A P:48.18W PF:0.9065 Lamp Flux:4568.15x1 lm | | |
| NAME: F3302 | TYPE: | WEIGHT: |
| SPEC.:50W | DIM.: | SERIAL No.: |
| MFR.: FILUX | SUR.:70*145 | PROTECTION ANGLE: |

Table--4

UNIT: cd/klm

| C(DEG) γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| 0 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | 347 | | | | |
| 5 | 318 | 319 | 321 | 323 | 325 | 327 | 330 | 332 | 335 | 338 | 341 | 344 | 347 | 350 | 353 | | | | |
| 10 | 288 | 291 | 294 | 298 | 303 | 307 | 312 | 318 | 324 | 330 | 336 | 343 | 349 | 356 | 362 | | | | |
| 15 | 258 | 262 | 267 | 273 | 279 | 287 | 295 | 304 | 314 | 324 | 334 | 345 | 356 | 367 | 377 | | | | |
| 20 | 233 | 238 | 243 | 250 | 258 | 267 | 279 | 292 | 307 | 322 | 338 | 354 | 370 | 385 | 399 | | | | |
| 25 | 208 | 213 | 220 | 229 | 240 | 253 | 269 | 287 | 306 | 328 | 349 | 370 | 389 | 407 | 423 | | | | |
| 30 | 182 | 188 | 197 | 208 | 222 | 239 | 259 | 281 | 307 | 334 | 359 | 378 | 396 | 414 | 430 | | | | |
| 35 | 165 | 170 | 177 | 187 | 201 | 219 | 240 | 264 | 290 | 318 | 347 | 370 | 387 | 404 | 421 | | | | |
| 40 | 149 | 153 | 160 | 169 | 182 | 195 | 209 | 232 | 260 | 291 | 324 | 358 | 380 | 397 | 414 | | | | |
| 45 | 132 | 134 | 139 | 147 | 157 | 169 | 184 | 204 | 232 | 270 | 308 | 345 | 378 | 396 | 413 | | | | |
| 50 | 107 | 111 | 115 | 121 | 128 | 140 | 157 | 180 | 213 | 256 | 300 | 338 | 372 | 394 | 409 | | | | |
| 55 | 79.8 | 86.1 | 92.4 | 97.8 | 104 | 113 | 125 | 149 | 185 | 234 | 291 | 331 | 360 | 382 | 391 | | | | |
| 60 | 53.6 | 62.4 | 69.6 | 73.9 | 78.8 | 86.8 | 98.9 | 117 | 148 | 207 | 264 | 310 | 329 | 344 | 348 | | | | |
| 65 | 41.2 | 47.1 | 50.9 | 52.1 | 53.0 | 58.5 | 69.7 | 87.3 | 120 | 173 | 221 | 246 | 263 | 259 | 257 | | | | |
| 70 | 31.0 | 34.2 | 35.6 | 37.4 | 39.3 | 41.8 | 45.9 | 50.6 | 71.8 | 110 | 140 | 146 | 147 | 141 | 137 | | | | |
| 75 | 20.1 | 20.5 | 20.0 | 23.3 | 26.1 | 28.7 | 31.3 | 33.3 | 37.9 | 41.5 | 52.5 | 58.6 | 47.8 | 42.6 | 39.5 | | | | |
| 80 | 1.31 | 2.25 | 3.21 | 5.46 | 8.28 | 11.5 | 14.2 | 14.9 | 17.2 | 19.7 | 19.7 | 18.6 | 18.4 | 15.6 | 13.6 | | | | |
| 85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.41 | 8.60 | 10.2 | 9.38 | 8.15 | | | |
| 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2020-10-27

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:9.150m [K=1.0000]
 Remarks: