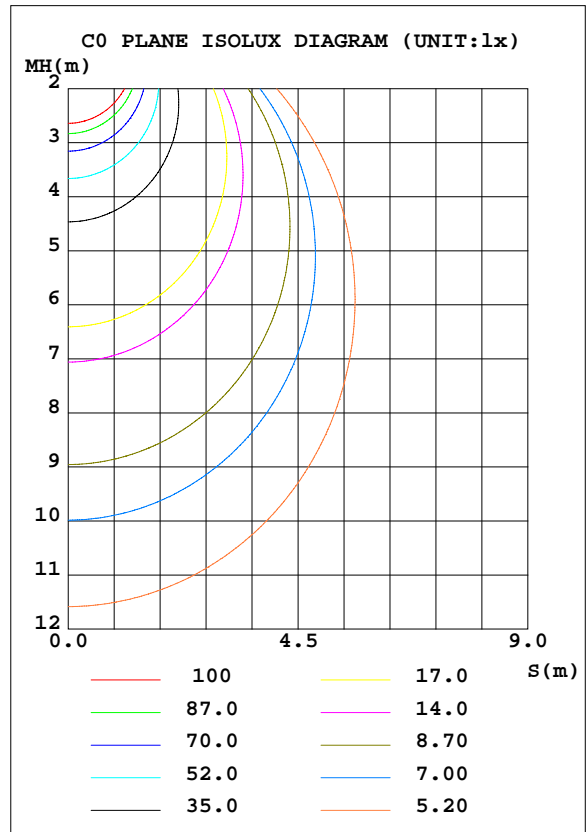
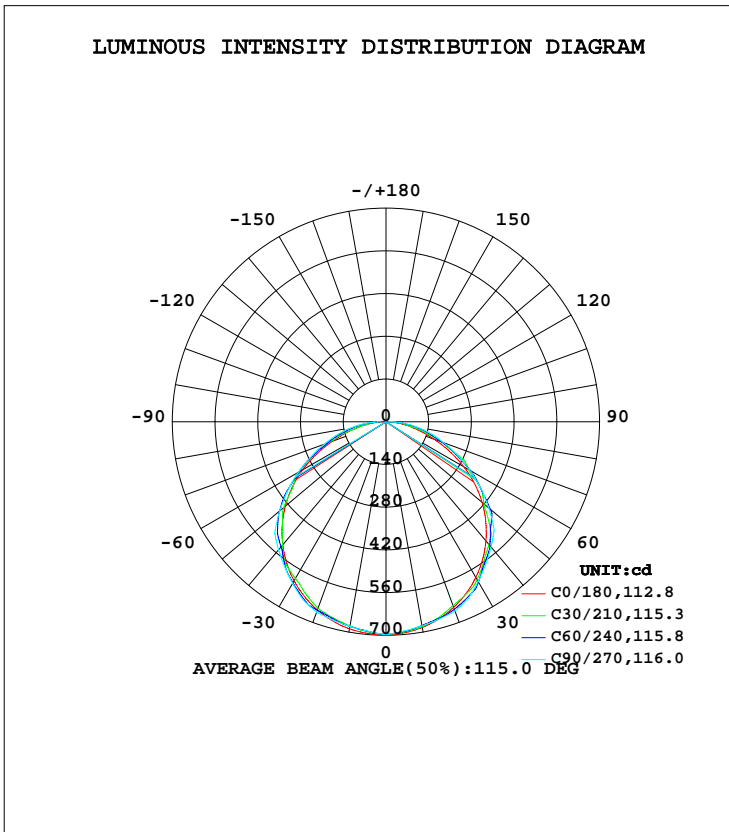


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|--|--|
| Test:U:120.15V I:0.2256A P:26.447W PF:0.9757 Freq:59.98Hz Lamp Flux:4126.75x1 lm | | |
| NAME: 55042 | | |
| MFR.: P.Q.L., Inc. | | |
| | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 78.47 lm/W | | | |
|------------------|---------|----------------------------------|--------|--------------------|----------|
| MODEL | | I _{max} (cd) | 697.9 | S/MH(C0/180) | 1.28 |
| NOMINAL POWER(W) | | LOR(%) | 50.3 | S/MH(C90/270) | 1.30 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 2075.3 | η UP, DN(C0-180) | 0.0,24.8 |
| NOMINAL FLUX(lm) | 4126.75 | CIE CLASS | DIRECT | η UP, DN(C180-360) | 0.0,25.5 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 120.0 | η down(%) | 50.3 | CIBSE SHR MAX | 1.35 |



H(β) Range:-90 - 90DEG
 H(β) Interval: 2.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Devin.sheng
 Test Date:2017-04-07

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:8.850m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | Φ lum,lamp |
|----------|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|-------------|--------------|-----------------|
| 10 | 684.5 | 679.3 | 679.1 | 678.6 | 689.0 | 680.0 | 681.0 | 680.7 | 0- 10 | 65.63 | 65.63 | 3.16,1.59 |
| 20 | 647.8 | 651.2 | 660.3 | 646.5 | 656.8 | 649.1 | 664.0 | 654.5 | 10- 20 | 188.8 | 254.5 | 12.3,6.17 |
| 30 | 588.8 | 602.5 | 604.1 | 603.8 | 602.3 | 607.9 | 611.7 | 608.1 | 20- 30 | 290.6 | 545.1 | 26.3,13.2 |
| 40 | 509.6 | 519.7 | 535.5 | 527.9 | 526.5 | 535.1 | 547.6 | 528.6 | 30- 40 | 354.5 | 899.6 | 43.3,21.8 |
| 50 | 411.3 | 427.7 | 439.6 | 439.7 | 430.7 | 449.8 | 454.3 | 440.1 | 40- 50 | 374.8 | 1274 | 61.4,30.9 |
| 60 | 294.2 | 316.0 | 316.6 | 324.7 | 315.8 | 335.1 | 331.7 | 329.3 | 50- 60 | 339.8 | 1614 | 77.8,39.1 |
| 70 | 168.3 | 191.0 | 200.2 | 191.0 | 186.9 | 198.5 | 215.1 | 201.8 | 60- 70 | 255.5 | 1870 | 90.1,45.3 |
| 80 | 67.45 | 91.84 | 103.8 | 88.57 | 80.43 | 96.41 | 116.3 | 101.6 | 70- 80 | 150.3 | 2020 | 97.3,48.9 |
| 90 | 12.44 | 7.864 | 7.441 | 7.793 | 9.535 | 17.87 | 17.43 | 17.86 | 80- 90 | 55.28 | 2075 | 100,50.3 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

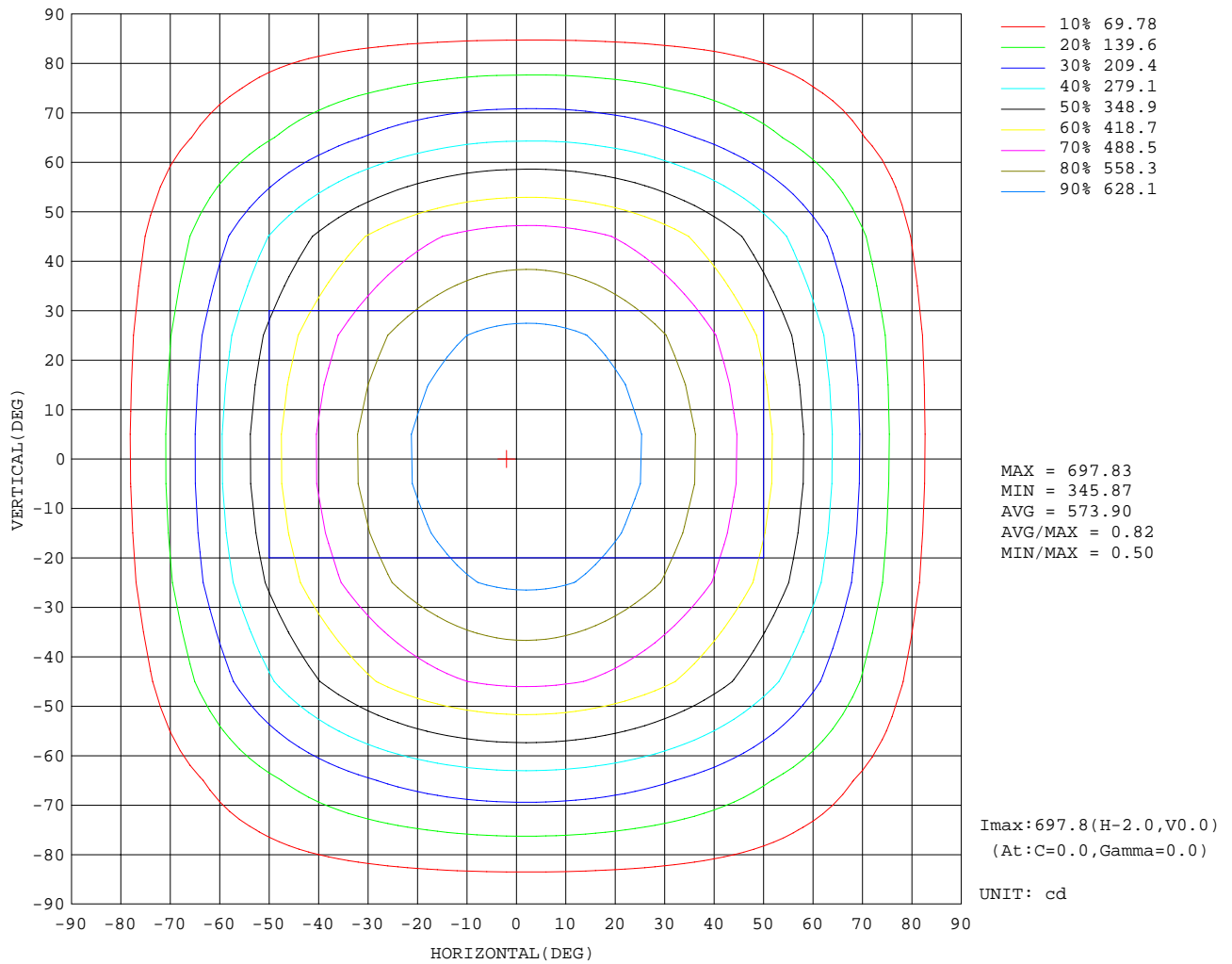
| | | | | | | | | | | |
|--|------------------|------|------|------|------|----------------|------|------|------|------|
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 7.6 | 9.1 | 7.9 | 9.3 | 9.5 | 7.8 | 9.3 | 8.0 | 9.5 | 9.7 |
| 3H | 9.0 | 10.4 | 9.3 | 10.7 | 10.9 | 9.3 | 10.7 | 9.6 | 10.9 | 11.2 |
| 4H | 9.5 | 10.9 | 9.8 | 11.1 | 11.4 | 10.0 | 11.3 | 10.3 | 11.6 | 11.8 |
| 6H | 9.9 | 11.1 | 10.2 | 11.4 | 11.7 | 10.6 | 11.9 | 10.9 | 12.1 | 12.4 |
| 8H | 10.0 | 11.2 | 10.3 | 11.5 | 11.8 | 10.8 | 12.1 | 11.2 | 12.3 | 12.6 |
| 12H | 10.0 | 11.2 | 10.4 | 11.5 | 11.8 | 11.0 | 12.2 | 11.4 | 12.5 | 12.8 |
| 4H 2H | 8.2 | 9.6 | 8.5 | 9.8 | 10.1 | 8.4 | 9.7 | 8.7 | 10.0 | 10.2 |
| 3H | 9.8 | 11.0 | 10.2 | 11.3 | 11.6 | 10.0 | 11.2 | 10.4 | 11.5 | 11.8 |
| 4H | 10.5 | 11.6 | 10.9 | 11.9 | 12.2 | 10.9 | 12.0 | 11.3 | 12.3 | 12.6 |
| 6H | 10.9 | 11.9 | 11.3 | 12.3 | 12.6 | 11.6 | 12.6 | 12.0 | 13.0 | 13.3 |
| 8H | 11.1 | 12.0 | 11.5 | 12.4 | 12.7 | 12.0 | 12.9 | 12.4 | 13.2 | 13.6 |
| 12H | 11.2 | 12.0 | 11.6 | 12.4 | 12.8 | 12.2 | 13.1 | 12.7 | 13.5 | 13.9 |
| 8H 4H | 10.8 | 11.7 | 11.2 | 12.0 | 12.4 | 11.1 | 12.0 | 11.6 | 12.4 | 12.8 |
| 6H | 11.4 | 12.1 | 11.8 | 12.5 | 13.0 | 12.1 | 12.8 | 12.5 | 13.2 | 13.7 |
| 8H | 11.6 | 12.3 | 12.1 | 12.7 | 13.1 | 12.5 | 13.2 | 13.0 | 13.6 | 14.1 |
| 12H | 11.8 | 12.3 | 12.2 | 12.8 | 13.3 | 12.9 | 13.5 | 13.4 | 14.0 | 14.4 |
| 12H 4H | 10.8 | 11.6 | 11.2 | 12.0 | 12.4 | 11.1 | 12.0 | 11.6 | 12.4 | 12.8 |
| 6H | 11.5 | 12.2 | 11.9 | 12.6 | 13.0 | 12.2 | 12.8 | 12.6 | 13.2 | 13.7 |
| 8H | 11.8 | 12.3 | 12.2 | 12.8 | 13.3 | 12.6 | 13.2 | 13.1 | 13.7 | 14.2 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.3 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.3 / - 0.5 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.6 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 4127 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 4.9)

H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

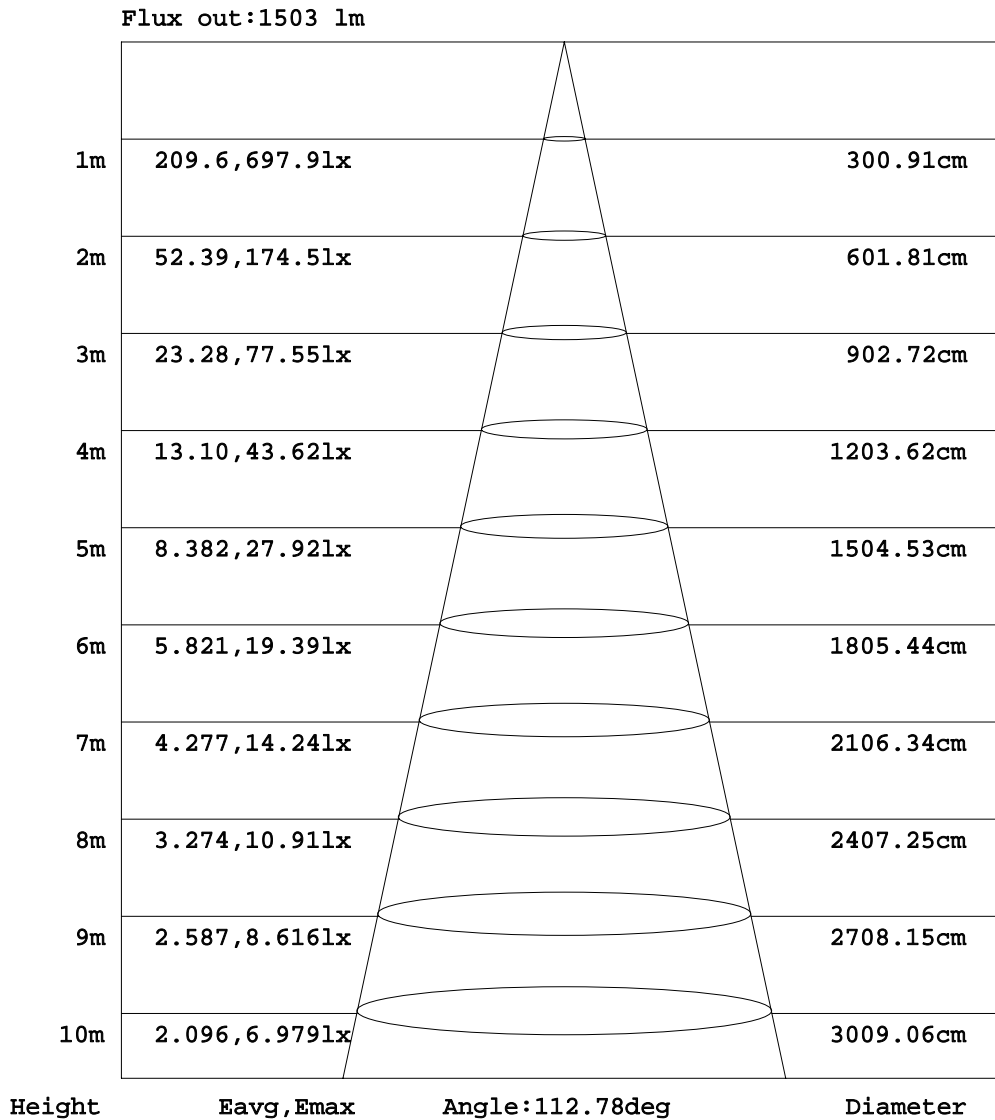
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

AAI Figure

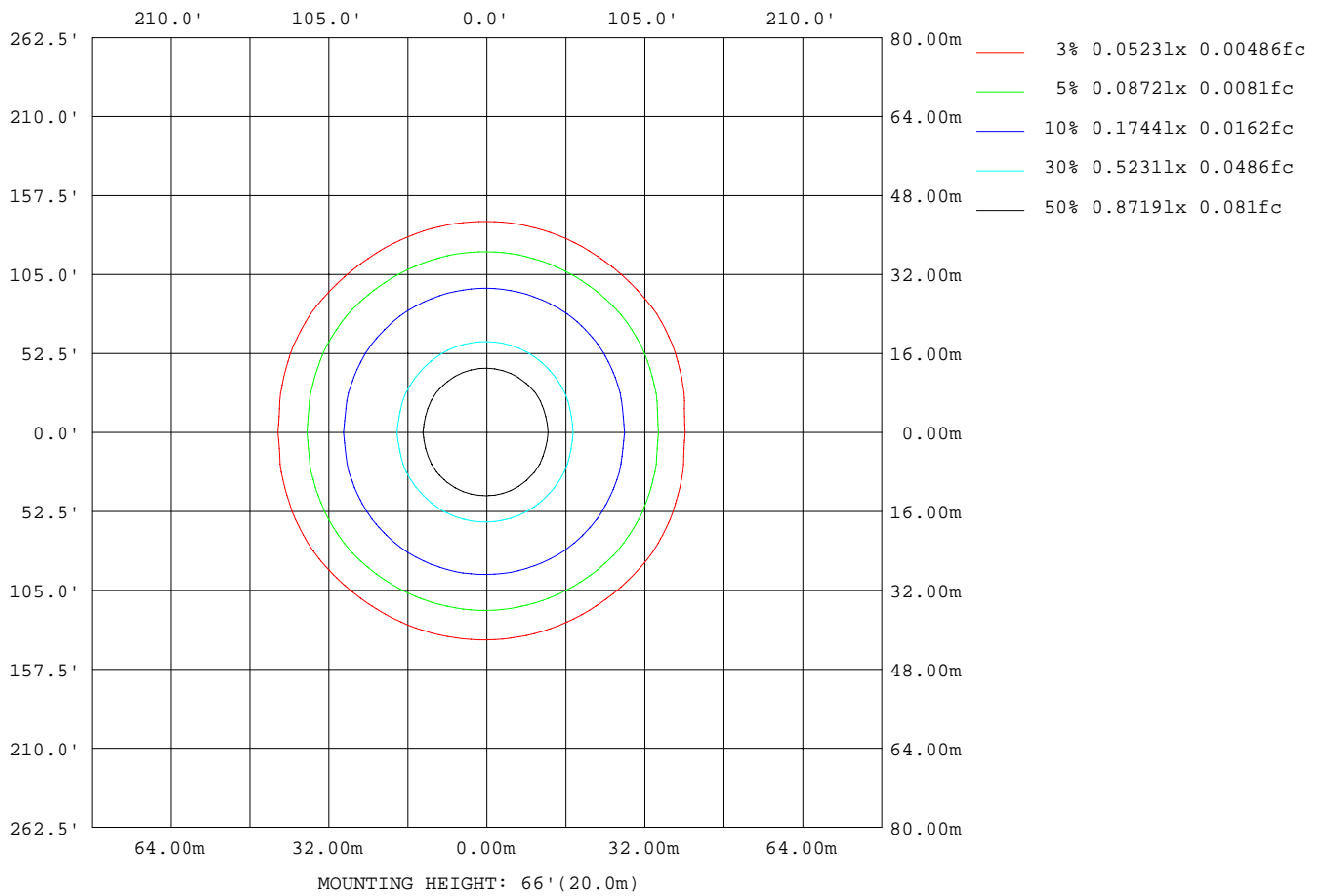


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 2.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Devin.sheng
 Test Date:2017-04-07

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:8.850m [K=1.0000]
 Remarks:

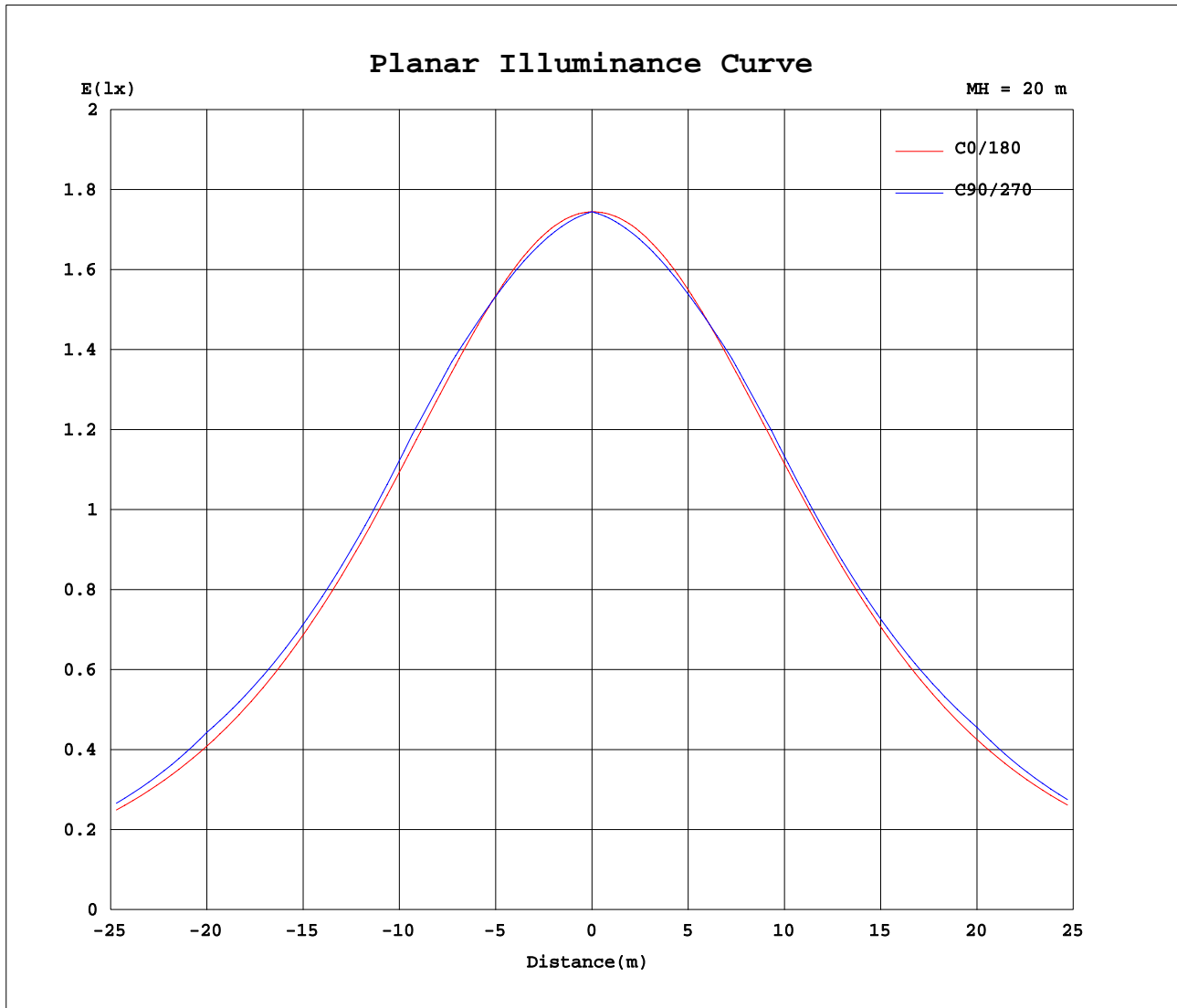
ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 2.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Devin.sheng
 Test Date:2017-04-07

V(B) Range:-90 - 90DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
 Humidity:65.0%
 Test Distance:8.850m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 |
| 5 | 694 | 693 | 693 | 692 | 692 | 692 | 691 | 691 | 691 | 690 | 690 | 690 | 689 | 689 | 689 | 689 | 689 | 688 | 688 |
| 10 | 685 | 684 | 683 | 683 | 682 | 682 | 682 | 681 | 680 | 679 | 679 | 679 | 678 | 678 | 678 | 678 | 679 | 679 | 679 |
| 15 | 669 | 668 | 668 | 669 | 669 | 666 | 664 | 663 | 662 | 664 | 665 | 666 | 668 | 669 | 669 | 670 | 670 | 670 | 670 |
| 20 | 648 | 648 | 649 | 649 | 645 | 643 | 641 | 645 | 648 | 651 | 653 | 653 | 654 | 655 | 657 | 658 | 659 | 660 | 660 |
| 25 | 621 | 623 | 625 | 621 | 616 | 617 | 623 | 628 | 628 | 628 | 630 | 632 | 634 | 636 | 638 | 638 | 639 | 639 | 638 |
| 30 | 589 | 592 | 594 | 586 | 586 | 594 | 597 | 597 | 598 | 603 | 607 | 609 | 606 | 604 | 603 | 603 | 603 | 604 | 604 |
| 35 | 552 | 558 | 554 | 546 | 557 | 561 | 559 | 564 | 572 | 570 | 565 | 562 | 565 | 567 | 569 | 570 | 570 | 570 | 570 |
| 40 | 510 | 519 | 509 | 511 | 521 | 516 | 525 | 530 | 522 | 520 | 525 | 529 | 530 | 530 | 531 | 532 | 533 | 535 | 535 |
| 45 | 463 | 476 | 457 | 475 | 469 | 479 | 481 | 470 | 477 | 484 | 482 | 482 | 486 | 491 | 495 | 498 | 500 | 501 | 501 |
| 50 | 411 | 423 | 413 | 422 | 425 | 429 | 420 | 432 | 430 | 428 | 438 | 447 | 447 | 443 | 441 | 439 | 439 | 439 | 440 |
| 55 | 355 | 363 | 369 | 361 | 377 | 365 | 378 | 370 | 381 | 392 | 384 | 378 | 378 | 379 | 379 | 379 | 379 | 379 | 378 |
| 60 | 294 | 297 | 311 | 320 | 304 | 318 | 313 | 332 | 321 | 316 | 319 | 321 | 319 | 317 | 316 | 315 | 316 | 316 | 317 |
| 65 | 230 | 231 | 238 | 243 | 256 | 256 | 262 | 253 | 259 | 257 | 253 | 251 | 253 | 254 | 255 | 256 | 256 | 255 | 255 |
| 70 | 168 | 184 | 195 | 195 | 196 | 189 | 196 | 192 | 187 | 191 | 194 | 195 | 195 | 196 | 197 | 198 | 199 | 200 | 200 |
| 75 | 113 | 122 | 126 | 135 | 128 | 130 | 127 | 133 | 132 | 132 | 136 | 140 | 144 | 147 | 149 | 151 | 152 | 152 | 152 |
| 80 | 67.4 | 78.3 | 78.6 | 76.7 | 71.9 | 74.0 | 74.1 | 82.1 | 88.5 | 91.8 | 94.2 | 96.3 | 98.0 | 99.6 | 101 | 102 | 103 | 103 | 104 |
| 85 | 31.1 | 34.6 | 28.7 | 28.3 | 35.8 | 37.7 | 39.7 | 43.2 | 46.1 | 48.5 | 50.4 | 52.0 | 53.2 | 54.1 | 54.8 | 55.3 | 55.6 | 55.7 | 55.6 |
| 90 | 12.4 | 8.25 | 8.25 | 8.26 | 8.35 | 8.21 | 8.09 | 7.98 | 7.92 | 7.86 | 7.82 | 7.79 | 7.76 | 7.72 | 7.67 | 7.60 | 7.52 | 7.48 | 7.44 |
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H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 |
| 5 | 688 | 688 | 688 | 688 | 688 | 689 | 689 | 689 | 689 | 690 | 690 | 691 | 692 | 692 | 693 | 694 | 695 | 696 | 695 |
| 10 | 679 | 679 | 679 | 679 | 679 | 679 | 679 | 679 | 679 | 678 | 678 | 678 | 679 | 681 | 683 | 684 | 687 | 689 | 687 |
| 15 | 669 | 669 | 668 | 668 | 667 | 667 | 667 | 667 | 667 | 667 | 666 | 665 | 664 | 663 | 665 | 668 | 672 | 676 | 672 |
| 20 | 660 | 660 | 659 | 658 | 656 | 654 | 652 | 648 | 647 | 646 | 647 | 648 | 647 | 644 | 642 | 645 | 651 | 657 | 651 |
| 25 | 638 | 637 | 636 | 636 | 636 | 636 | 637 | 636 | 631 | 625 | 619 | 620 | 622 | 622 | 618 | 616 | 623 | 632 | 624 |
| 30 | 605 | 605 | 605 | 605 | 605 | 604 | 603 | 603 | 604 | 607 | 600 | 591 | 588 | 592 | 590 | 584 | 590 | 602 | 591 |
| 35 | 569 | 568 | 568 | 568 | 568 | 569 | 570 | 568 | 565 | 564 | 567 | 568 | 555 | 551 | 559 | 550 | 551 | 567 | 552 |
| 40 | 536 | 536 | 535 | 533 | 530 | 526 | 523 | 524 | 528 | 526 | 521 | 523 | 528 | 511 | 513 | 513 | 507 | 527 | 508 |
| 45 | 500 | 499 | 497 | 495 | 493 | 491 | 489 | 482 | 474 | 477 | 483 | 475 | 476 | 478 | 460 | 474 | 456 | 481 | 457 |
| 50 | 441 | 441 | 442 | 443 | 443 | 442 | 441 | 439 | 440 | 429 | 421 | 430 | 423 | 426 | 418 | 418 | 408 | 431 | 409 |
| 55 | 378 | 378 | 378 | 379 | 380 | 383 | 386 | 385 | 382 | 382 | 381 | 365 | 374 | 364 | 377 | 354 | 357 | 375 | 358 |
| 60 | 317 | 318 | 318 | 318 | 317 | 316 | 314 | 318 | 325 | 324 | 318 | 323 | 307 | 316 | 302 | 299 | 304 | 316 | 305 |
| 65 | 255 | 254 | 254 | 254 | 254 | 256 | 258 | 256 | 253 | 253 | 262 | 257 | 257 | 243 | 252 | 254 | 245 | 251 | 246 |
| 70 | 200 | 200 | 200 | 199 | 197 | 194 | 191 | 188 | 191 | 195 | 191 | 188 | 197 | 188 | 174 | 172 | 170 | 187 | 171 |
| 75 | 152 | 151 | 150 | 148 | 146 | 144 | 142 | 140 | 136 | 131 | 124 | 129 | 127 | 129 | 121 | 118 | 121 | 130 | 123 |
| 80 | 104 | 104 | 103 | 102 | 101 | 98.7 | 96.1 | 92.8 | 88.6 | 83.9 | 81.1 | 77.8 | 69.8 | 68.5 | 63.8 | 62.4 | 65.2 | 80.4 | 69.7 |
| 85 | 55.5 | 55.2 | 54.8 | 54.2 | 53.5 | 52.6 | 51.5 | 50.3 | 48.7 | 46.9 | 44.7 | 42.0 | 36.5 | 29.9 | 27.7 | 24.0 | 21.4 | 40.4 | 32.6 |
| 90 | 7.44 | 7.46 | 7.51 | 7.55 | 7.60 | 7.66 | 7.70 | 7.74 | 7.79 | 7.83 | 7.90 | 7.98 | 8.09 | 8.23 | 8.17 | 8.13 | 8.07 | 9.54 | 17.8 |
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H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07

V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 |
| 5 | 694 | 694 | 693 | 692 | 692 | 691 | 691 | 690 | 690 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 | 689 |
| 10 | 685 | 683 | 681 | 680 | 679 | 679 | 680 | 680 | 680 | 681 | 681 | 681 | 681 | 681 | 681 | 681 | 681 | 681 | 681 |
| 15 | 668 | 666 | 664 | 665 | 666 | 668 | 669 | 669 | 669 | 669 | 669 | 670 | 670 | 671 | 671 | 672 | 672 | 673 | 673 |
| 20 | 646 | 643 | 645 | 648 | 650 | 649 | 649 | 649 | 651 | 655 | 658 | 660 | 662 | 663 | 664 | 664 | 664 | 663 | 663 |
| 25 | 617 | 619 | 624 | 624 | 622 | 622 | 628 | 634 | 640 | 641 | 640 | 640 | 641 | 642 | 642 | 643 | 644 | 644 | 644 |
| 30 | 585 | 592 | 594 | 590 | 594 | 603 | 610 | 608 | 607 | 608 | 610 | 611 | 612 | 612 | 612 | 612 | 612 | 611 | 611 |
| 35 | 551 | 560 | 554 | 558 | 571 | 571 | 569 | 571 | 574 | 577 | 576 | 576 | 576 | 577 | 578 | 579 | 580 | 580 | 580 |
| 40 | 515 | 515 | 513 | 531 | 527 | 526 | 532 | 535 | 532 | 532 | 535 | 540 | 543 | 546 | 547 | 548 | 548 | 547 | 546 |
| 45 | 475 | 462 | 481 | 480 | 480 | 490 | 484 | 483 | 491 | 499 | 503 | 505 | 507 | 510 | 512 | 514 | 515 | 516 | 515 |
| 50 | 419 | 420 | 429 | 428 | 437 | 429 | 438 | 450 | 451 | 453 | 455 | 456 | 456 | 456 | 455 | 455 | 454 | 454 | 454 |
| 55 | 356 | 380 | 368 | 380 | 372 | 390 | 392 | 393 | 396 | 398 | 396 | 393 | 392 | 392 | 392 | 392 | 393 | 394 | 395 |
| 60 | 301 | 305 | 322 | 314 | 332 | 329 | 334 | 335 | 329 | 325 | 327 | 329 | 331 | 332 | 332 | 332 | 332 | 332 | 331 |
| 65 | 255 | 256 | 250 | 265 | 266 | 271 | 261 | 262 | 266 | 268 | 267 | 266 | 267 | 268 | 269 | 270 | 270 | 271 | 272 |
| 70 | 174 | 180 | 196 | 206 | 196 | 198 | 203 | 199 | 197 | 200 | 204 | 208 | 211 | 214 | 215 | 215 | 215 | 215 | 214 |
| 75 | 124 | 129 | 137 | 134 | 136 | 130 | 137 | 143 | 148 | 151 | 154 | 157 | 160 | 162 | 164 | 165 | 165 | 166 | 166 |
| 80 | 72.7 | 74.6 | 78.2 | 77.7 | 84.2 | 87.7 | 91.0 | 96.4 | 101 | 105 | 108 | 111 | 113 | 115 | 116 | 116 | 116 | 116 | 116 |
| 85 | 37.0 | 39.6 | 40.5 | 45.6 | 50.3 | 53.1 | 55.5 | 57.7 | 59.5 | 61.2 | 62.4 | 63.7 | 64.7 | 65.5 | 66.3 | 66.6 | 66.8 | 67.0 | 67.0 |
| 90 | 17.9 | 18.0 | 18.1 | 18.1 | 18.0 | 18.0 | 17.9 | 17.9 | 17.8 | 17.7 | 17.7 | 17.6 | 17.6 | 17.5 | 17.5 | 17.4 | 17.4 | 17.4 | 17.5 |
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H(β) Range:-90 - 90DEG
H(β) Interval: 2.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Devin.sheng
Test Date:2017-04-07
V(B) Range:-90 - 90DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400
Humidity:65.0%
Test Distance:8.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--4

UNIT: cd

| C(DEG) \ γ (DEG) | 285 | 290 | 295 | 300 | 305 | 310 | 315 | 320 | 325 | 330 | 335 | 340 | 345 | 350 | 355 | | | | |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | 698 | | | | |
| 5 | 690 | 690 | 690 | 690 | 690 | 691 | 691 | 691 | 691 | 692 | 692 | 692 | 693 | 693 | 694 | | | | |
| 10 | 680 | 680 | 680 | 680 | 680 | 680 | 681 | 681 | 682 | 683 | 683 | 683 | 683 | 684 | 684 | | | | |
| 15 | 672 | 672 | 671 | 670 | 669 | 668 | 666 | 665 | 665 | 666 | 668 | 670 | 670 | 669 | 669 | | | | |
| 20 | 662 | 661 | 659 | 658 | 657 | 656 | 655 | 651 | 648 | 644 | 645 | 647 | 650 | 650 | 649 | | | | |
| 25 | 644 | 643 | 642 | 640 | 637 | 635 | 633 | 632 | 632 | 626 | 620 | 618 | 622 | 626 | 623 | | | | |
| 30 | 611 | 611 | 612 | 613 | 616 | 613 | 608 | 603 | 601 | 601 | 597 | 588 | 588 | 595 | 593 | | | | |
| 35 | 580 | 578 | 577 | 574 | 571 | 573 | 577 | 578 | 570 | 564 | 565 | 560 | 548 | 556 | 559 | | | | |
| 40 | 544 | 543 | 542 | 541 | 540 | 535 | 529 | 530 | 537 | 531 | 521 | 525 | 515 | 511 | 520 | | | | |
| 45 | 513 | 510 | 505 | 499 | 494 | 493 | 495 | 487 | 478 | 488 | 485 | 474 | 479 | 460 | 478 | | | | |
| 50 | 454 | 456 | 458 | 462 | 461 | 451 | 440 | 441 | 442 | 428 | 437 | 430 | 427 | 416 | 424 | | | | |
| 55 | 395 | 395 | 394 | 393 | 393 | 398 | 406 | 394 | 382 | 388 | 374 | 384 | 366 | 373 | 365 | | | | |
| 60 | 331 | 331 | 332 | 333 | 335 | 333 | 329 | 334 | 345 | 324 | 328 | 312 | 326 | 315 | 299 | | | | |
| 65 | 271 | 270 | 269 | 266 | 264 | 265 | 269 | 271 | 265 | 274 | 267 | 266 | 250 | 243 | 234 | | | | |
| 70 | 213 | 212 | 210 | 208 | 207 | 206 | 202 | 198 | 202 | 207 | 200 | 207 | 204 | 201 | 187 | | | | |
| 75 | 165 | 163 | 161 | 156 | 152 | 146 | 142 | 142 | 142 | 136 | 139 | 138 | 145 | 134 | 126 | | | | |
| 80 | 114 | 113 | 112 | 109 | 107 | 105 | 102 | 97.9 | 90.6 | 81.9 | 82.1 | 80.9 | 86.8 | 88.8 | 83.5 | | | | |
| 85 | 66.5 | 66.0 | 65.2 | 63.7 | 62.5 | 60.6 | 58.4 | 55.6 | 52.4 | 48.6 | 46.6 | 45.0 | 38.7 | 39.7 | 45.0 | | | | |
| 90 | 17.5 | 17.5 | 17.6 | 17.7 | 17.7 | 17.8 | 17.9 | 17.9 | 18.0 | 18.0 | 18.0 | 18.1 | 18.0 | 18.0 | 17.8 | | | | |
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| H(β) Range:-90 - 90DEG | V(B) Range:-90 - 90DEG |
| H(β) Interval: 2.0DEG | V(B) Interval: 5.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.400 |
| Temperature:25.3DEG | Humidity:65.0% |
| Operators:Devin.sheng | Test Distance:8.850m [K=1.0000] |
| Test Date:2017-04-07 | Remarks: |