

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|-------------------|
| Test:U:220.1V I:0.6853A P:149.6W PF:0.9916 Lamp Flux:21673x1 lm | | |
| NAME: EV150B1204 | TYPE: | WEIGHT:5.36KG |
| SPEC.: | DIM.: 418*333*74mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:272*121mm | PROTECTION ANGLE: |

Conical surface Flux(90deg):

12823 lm

%lum = 59.3%

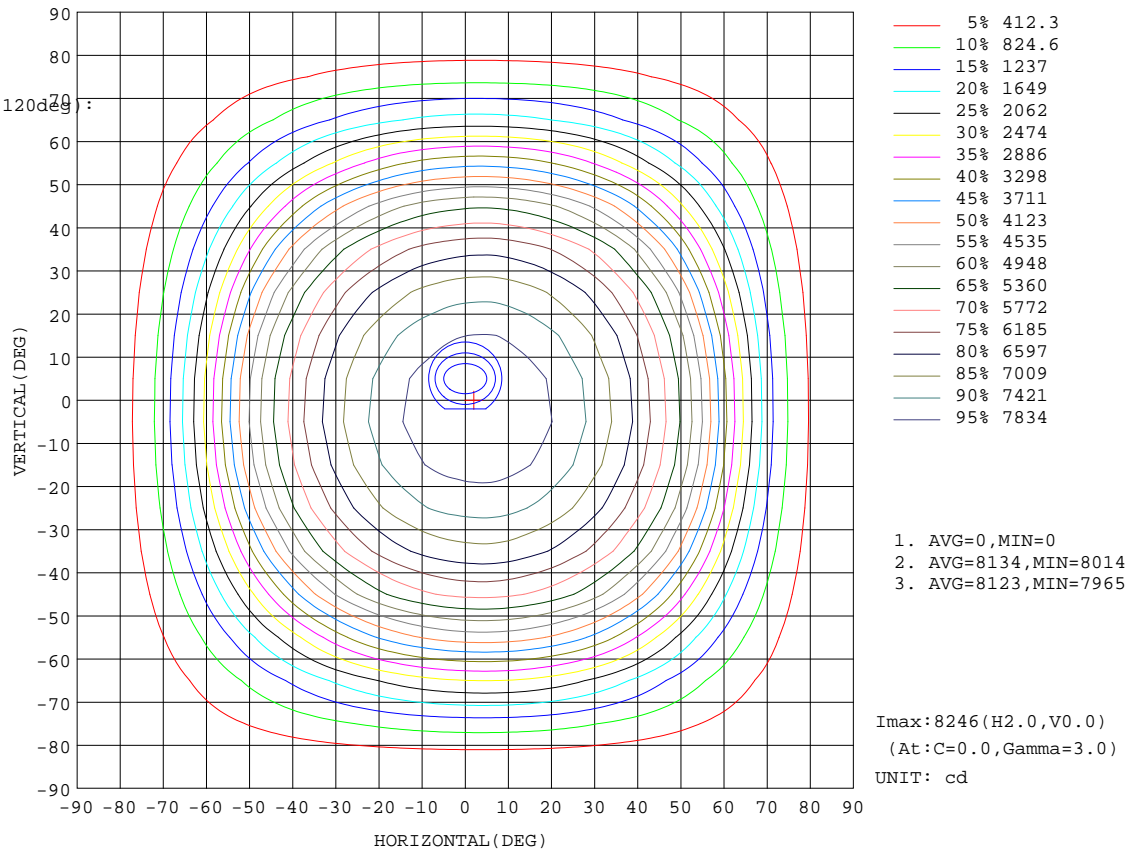
%lamp = 59.2%

Conical surface Flux(120deg):

18555 lm

%lum = 85.7%

%lamp = 85.6%

H(β) Range:-90 - 90DEGH(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-9

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

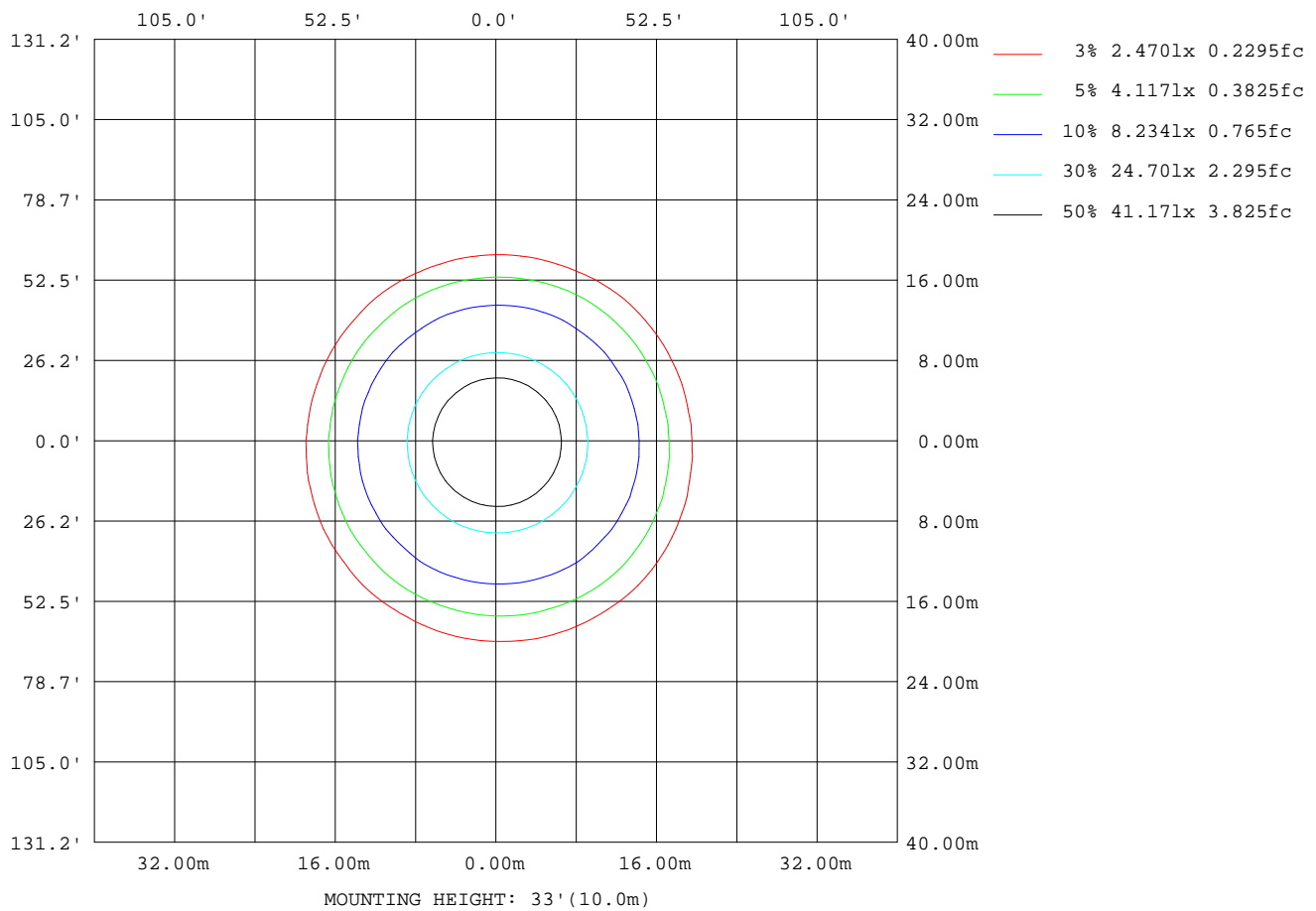
Humidity:65.0%

Test Distance:11.710m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

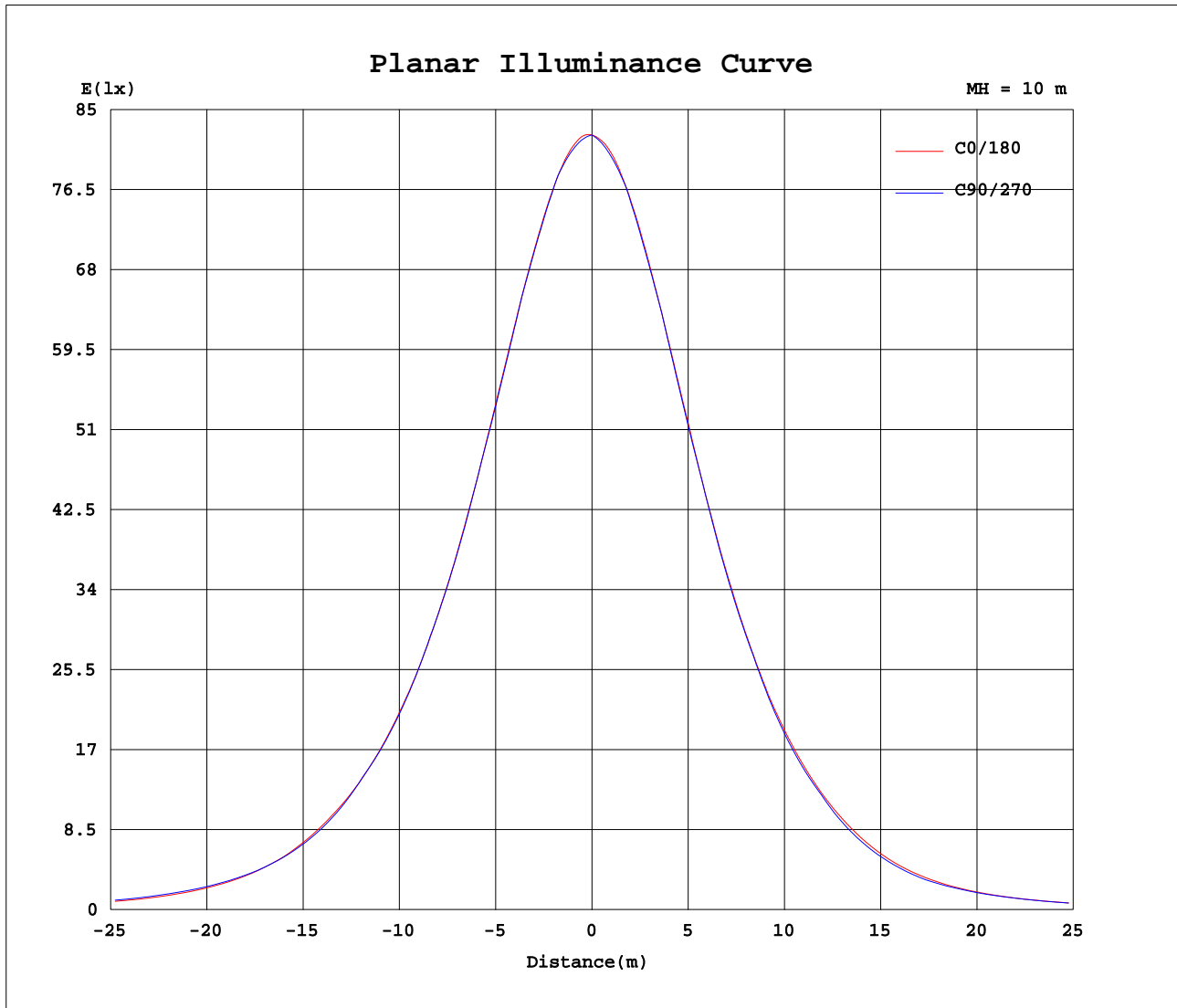
| | | |
|---|--------------------|-------------------|
| Test:U:220.1V I:0.6853A P:149.6W PF:0.9916 Lamp Flux:21673x1 lm | | |
| NAME: EV150B1204 | TYPE: | WEIGHT:5.36KG |
| SPEC.: | DIM.: 418*333*74mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:272*121mm | PROTECTION ANGLE: |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-9

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

Planar Illuminance Curve

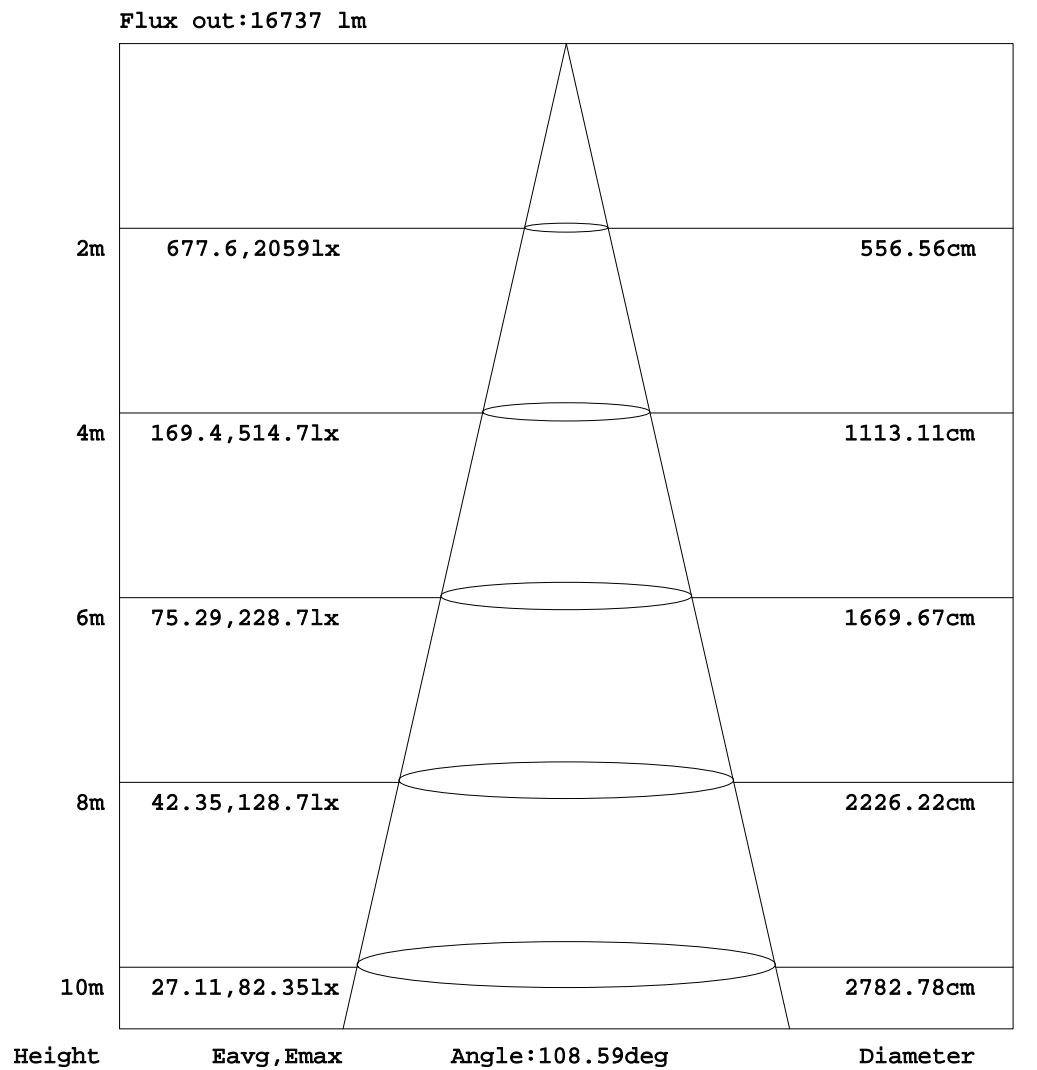


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-9

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|--------------------|-------------------|
| Test:U:220.1V I:0.6853A P:149.6W PF:0.9916 Lamp Flux:21673x1 lm | | |
| NAME: EV150B1204 | TYPE: | WEIGHT:5.36KG |
| SPEC.: | DIM.: 418*333*74mm | SERIAL No.:1 |
| MFR.: Integrattech | SUR.:272*121mm | PROTECTION ANGLE: |



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: 1.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-6-9

V(B) Range: -80 - 80DEG
V(B) Interval: 5.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity: 65.0%
Test Distance: 11.710m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|---|--------------------|-------------------|
| Test:U:220.1V I:0.6853A P:149.6W PF:0.9916 Lamp Flux:21673x1 lm | | |
| NAME: EV150B1204 | TYPE: | WEIGHT:5.36KG |
| SPEC.: | DIM.: 418*333*74mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:272*121mm | PROTECTION ANGLE: |

Table--1

UNIT: cd

| H(DEC) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| V(DEC) | -90 | -85 | -80 | -75 | -70 | -65 | -60 | -55 | -50 | -45 | -40 | -35 | -30 | -25 | -20 | -15 | -10 | -5 | 0 |
| -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 |
| -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -80 | 38.0 | 43.1 | 44.0 | 64.0 | 97.2 | 135 | 176 | 217 | 260 | 302 | 345 | 384 | 419 | 449 | 474 | 491 | 504 | 511 | 517 |
| -75 | 35.5 | 41.8 | 53.8 | 91.9 | 142 | 200 | 269 | 348 | 432 | 517 | 602 | 684 | 761 | 833 | 896 | 949 | 993 | 1023 | 1039 |
| -70 | 35.8 | 41.7 | 75.4 | 139 | 209 | 291 | 392 | 510 | 637 | 764 | 894 | 1016 | 1131 | 1242 | 1342 | 1426 | 1494 | 1541 | 1565 |
| -65 | 33.1 | 40.5 | 83.8 | 164 | 259 | 380 | 533 | 707 | 901 | 1102 | 1305 | 1512 | 1713 | 1899 | 2072 | 2216 | 2334 | 2418 | 2467 |
| -60 | 33.3 | 46.0 | 122 | 225 | 352 | 527 | 741 | 979 | 1243 | 1518 | 1802 | 2090 | 2372 | 2628 | 2863 | 3059 | 3212 | 3319 | 3380 |
| -55 | 30.6 | 41.4 | 122 | 242 | 405 | 621 | 895 | 1211 | 1560 | 1932 | 2323 | 2726 | 3108 | 3448 | 3743 | 3966 | 4140 | 4264 | 4332 |
| -50 | 30.9 | 54.5 | 167 | 318 | 537 | 816 | 1166 | 1572 | 2018 | 2501 | 3008 | 3519 | 3987 | 4396 | 4720 | 4954 | 5124 | 5244 | 5298 |
| -45 | 28.7 | 45.7 | 161 | 329 | 578 | 907 | 1329 | 1817 | 2364 | 2955 | 3555 | 4097 | 4558 | 4950 | 5270 | 5513 | 5686 | 5811 | 5878 |
| -40 | 29.1 | 67.0 | 215 | 428 | 739 | 1153 | 1675 | 2266 | 2934 | 3653 | 4331 | 4869 | 5298 | 5641 | 5925 | 6150 | 6309 | 6413 | 6470 |
| -35 | 27.2 | 50.5 | 197 | 419 | 746 | 1198 | 1775 | 2444 | 3201 | 3966 | 4633 | 5177 | 5615 | 5982 | 6281 | 6512 | 6687 | 6806 | 6872 |
| -30 | 27.7 | 75.8 | 253 | 524 | 914 | 1455 | 2127 | 2914 | 3782 | 4563 | 5174 | 5672 | 6092 | 6449 | 6741 | 6948 | 7125 | 7236 | 7286 |
| -25 | 25.8 | 55.3 | 226 | 495 | 895 | 1460 | 2173 | 3011 | 3917 | 4706 | 5326 | 5843 | 6284 | 6657 | 6963 | 7198 | 7381 | 7502 | 7560 |
| -20 | 26.2 | 89.1 | 285 | 607 | 1075 | 1731 | 2531 | 3471 | 4397 | 5119 | 5701 | 6197 | 6636 | 6999 | 7289 | 7523 | 7698 | 7800 | 7848 |
| -15 | 24.2 | 59.3 | 245 | 547 | 1000 | 1647 | 2460 | 3419 | 4370 | 5120 | 5723 | 6248 | 6692 | 7070 | 7386 | 7632 | 7815 | 7941 | 8001 |
| -10 | 24.3 | 96.3 | 301 | 644 | 1153 | 1865 | 2752 | 3769 | 4666 | 5373 | 5974 | 6480 | 6910 | 7279 | 7584 | 7824 | 7988 | 8113 | 8168 |
| -5 | 22.2 | 63.1 | 251 | 571 | 1047 | 1734 | 2596 | 3612 | 4556 | 5291 | 5904 | 6427 | 6868 | 7250 | 7565 | 7810 | 7995 | 8129 | 8193 |
| 0 | 22.2 | 99.5 | 303 | 659 | 1181 | 1921 | 2828 | 3867 | 4759 | 5461 | 6066 | 6555 | 6985 | 7352 | 7650 | 7884 | 8058 | 8181 | 8234 |
| 5 | 20.3 | 62.1 | 243 | 559 | 1027 | 1704 | 2555 | 3558 | 4506 | 5246 | 5853 | 6368 | 6812 | 7195 | 7503 | 7748 | 7934 | 8065 | 8130 |
| 10 | 20.3 | 90.4 | 284 | 618 | 1110 | 1803 | 2664 | 3663 | 4577 | 5291 | 5859 | 6362 | 6803 | 7165 | 7463 | 7699 | 7863 | 7983 | 8043 |
| 15 | 18.7 | 55.2 | 226 | 515 | 946 | 1564 | 2346 | 3272 | 4217 | 4977 | 5571 | 6083 | 6528 | 6914 | 7217 | 7450 | 7635 | 7760 | 7830 |
| 20 | 19.1 | 82.2 | 259 | 563 | 997 | 1616 | 2377 | 3275 | 4192 | 4926 | 5497 | 5987 | 6421 | 6794 | 7072 | 7287 | 7456 | 7579 | 7630 |
| 25 | 17.6 | 45.4 | 198 | 447 | 816 | 1337 | 2005 | 2791 | 3654 | 4441 | 5062 | 5579 | 6009 | 6384 | 6681 | 6911 | 7098 | 7217 | 7287 |
| 30 | 18.1 | 64.2 | 215 | 461 | 817 | 1305 | 1928 | 2649 | 3445 | 4226 | 4852 | 5353 | 5756 | 6103 | 6392 | 6620 | 6794 | 6895 | 6955 |
| 35 | 17.0 | 33.3 | 163 | 358 | 653 | 1052 | 1574 | 2183 | 2868 | 3583 | 4226 | 4777 | 5215 | 5581 | 5873 | 6106 | 6290 | 6399 | 6468 |
| 40 | 17.4 | 47.1 | 174 | 358 | 629 | 990 | 1451 | 1981 | 2572 | 3206 | 3840 | 4398 | 4829 | 5184 | 5459 | 5671 | 5841 | 5937 | 6003 |
| 45 | 16.5 | 23.9 | 124 | 265 | 478 | 758 | 1121 | 1550 | 2027 | 2544 | 3073 | 3570 | 3995 | 4367 | 4669 | 4917 | 5102 | 5219 | 5290 |
| 50 | 16.7 | 26.5 | 123 | 244 | 426 | 659 | 954 | 1298 | 1682 | 2092 | 2511 | 2924 | 3318 | 3678 | 3990 | 4240 | 4420 | 4534 | 4603 |
| 55 | 16.0 | 18.6 | 80.1 | 177 | 308 | 482 | 702 | 965 | 1258 | 1571 | 1892 | 2214 | 2517 | 2803 | 3050 | 3260 | 3412 | 3512 | 3572 |
| 60 | 16.0 | 18.4 | 73.6 | 155 | 253 | 385 | 551 | 740 | 953 | 1178 | 1401 | 1627 | 1839 | 2032 | 2202 | 2343 | 2453 | 2520 | 2555 |
| 65 | 15.3 | 16.8 | 39.4 | 98.4 | 171 | 262 | 371 | 504 | 653 | 810 | 971 | 1130 | 1278 | 1415 | 1537 | 1639 | 1718 | 1770 | 1798 |
| 70 | 15.3 | 16.4 | 25.1 | 69.1 | 122 | 180 | 243 | 324 | 414 | 507 | 605 | 696 | 775 | 849 | 917 | 970 | 1010 | 1035 | 1045 |
| 75 | 14.7 | 15.6 | 18.2 | 38.0 | 64.9 | 100 | 142 | 194 | 251 | 310 | 372 | 431 | 485 | 533 | 576 | 610 | 637 | 656 | 665 |
| 80 | 14.6 | 15.2 | 16.2 | 16.7 | 20.1 | 36.4 | 59.3 | 84.8 | 111 | 138 | 165 | 190 | 214 | 235 | 252 | 264 | 273 | 281 | 286 |
| 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 | 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 |

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-9

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.710m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:220.1V I:0.6853A P:149.6W PF:0.9916 Lamp Flux:21673x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: EV150B1204 | | | | | | | | | TYPE: | | | | | WEIGHT:5.36KG | | | | |
| SPEC.: | | | | | | | | | DIM.: 418*333*74mm | | | | | SERIAL No.:1 | | | | |
| MFR.: Integratech | | | | | | | | | SUR.:272*121mm | | | | | PROTECTION ANGLE: | | | | |

Table--2

UNIT: cd

| H(DEC) V(DEC) | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| -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 | |
| -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 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| -80 | 513 | 505 | 494 | 479 | 455 | 425 | 390 | 351 | 308 | 265 | 220 | 176 | 135 | 95.9 | 64.1 | 50.9 | 49.7 | 41.7 | |
| -75 | 1042 | 1031 | 1006 | 966 | 908 | 837 | 759 | 675 | 584 | 494 | 404 | 317 | 241 | 174 | 116 | 71.1 | 50.4 | 43.3 | |
| -70 | 1570 | 1549 | 1502 | 1431 | 1337 | 1220 | 1092 | 964 | 825 | 685 | 550 | 425 | 319 | 227 | 147 | 78.2 | 49.7 | 41.0 | |
| -65 | 2482 | 2460 | 2397 | 2295 | 2156 | 1981 | 1777 | 1552 | 1310 | 1076 | 855 | 653 | 477 | 333 | 215 | 117 | 53.6 | 42.4 | |
| -60 | 3389 | 3357 | 3254 | 3109 | 2911 | 2666 | 2370 | 2044 | 1702 | 1375 | 1075 | 805 | 572 | 388 | 240 | 122 | 49.9 | 39.7 | |
| -55 | 4349 | 4314 | 4221 | 4077 | 3875 | 3605 | 3260 | 2852 | 2406 | 1955 | 1522 | 1130 | 798 | 533 | 329 | 176 | 63.2 | 40.8 | |
| -50 | 5302 | 5246 | 5136 | 4975 | 4743 | 4418 | 3993 | 3488 | 2931 | 2356 | 1802 | 1309 | 907 | 586 | 350 | 176 | 55.3 | 37.8 | |
| -45 | 5893 | 5843 | 5739 | 5589 | 5369 | 5081 | 4703 | 4238 | 3668 | 3014 | 2342 | 1711 | 1175 | 761 | 454 | 233 | 75.4 | 38.7 | |
| -40 | 6475 | 6407 | 6290 | 6128 | 5895 | 5607 | 5238 | 4783 | 4156 | 3398 | 2617 | 1876 | 1259 | 794 | 455 | 219 | 59.2 | 35.8 | |
| -35 | 6894 | 6845 | 6722 | 6566 | 6339 | 6067 | 5716 | 5281 | 4724 | 4028 | 3183 | 2341 | 1583 | 999 | 581 | 290 | 89.2 | 36.2 | |
| -30 | 7300 | 7245 | 7099 | 6927 | 6686 | 6393 | 6033 | 5582 | 5047 | 4333 | 3410 | 2476 | 1641 | 1011 | 570 | 272 | 67.8 | 33.5 | |
| -25 | 7579 | 7527 | 7404 | 7242 | 7002 | 6715 | 6356 | 5925 | 5401 | 4756 | 3881 | 2892 | 1955 | 1209 | 689 | 338 | 103 | 33.6 | |
| -20 | 7850 | 7770 | 7657 | 7471 | 7213 | 6901 | 6512 | 6076 | 5532 | 4872 | 3964 | 2910 | 1932 | 1164 | 638 | 297 | 68.9 | 31.1 | |
| -15 | 8013 | 7955 | 7838 | 7663 | 7422 | 7115 | 6749 | 6318 | 5796 | 5162 | 4341 | 3278 | 2233 | 1368 | 767 | 371 | 118 | 30.5 | |
| -10 | 8168 | 8103 | 7961 | 7766 | 7514 | 7201 | 6822 | 6364 | 5824 | 5180 | 4307 | 3205 | 2149 | 1289 | 704 | 324 | 80.4 | 28.2 | |
| -5 | 8205 | 8146 | 8018 | 7840 | 7598 | 7291 | 6920 | 6483 | 5962 | 5329 | 4534 | 3448 | 2363 | 1444 | 803 | 384 | 128 | 27.3 | |
| 0 | 8230 | 8149 | 8011 | 7829 | 7568 | 7246 | 6853 | 6397 | 5865 | 5204 | 4352 | 3236 | 2168 | 1297 | 699 | 321 | 80.1 | 25.1 | |
| 5 | 8146 | 8080 | 7961 | 7788 | 7536 | 7238 | 6874 | 6432 | 5902 | 5285 | 4469 | 3391 | 2326 | 1424 | 794 | 379 | 127 | 24.1 | |
| 10 | 8052 | 7968 | 7848 | 7661 | 7400 | 7085 | 6727 | 6262 | 5713 | 5083 | 4180 | 3098 | 2084 | 1256 | 687 | 314 | 83.2 | 22.2 | |
| 15 | 7846 | 7788 | 7669 | 7493 | 7253 | 6965 | 6609 | 6170 | 5641 | 5020 | 4148 | 3119 | 2134 | 1317 | 739 | 355 | 117 | 21.4 | |
| 20 | 7635 | 7568 | 7423 | 7242 | 7008 | 6706 | 6330 | 5886 | 5342 | 4665 | 3711 | 2724 | 1822 | 1109 | 605 | 280 | 66.9 | 19.8 | |
| 25 | 7303 | 7249 | 7136 | 6963 | 6742 | 6467 | 6105 | 5673 | 5149 | 4466 | 3582 | 2661 | 1816 | 1135 | 646 | 314 | 101 | 19.2 | |
| 30 | 6964 | 6892 | 6790 | 6602 | 6379 | 6100 | 5718 | 5278 | 4709 | 3938 | 3068 | 2241 | 1505 | 937 | 525 | 247 | 56.1 | 17.8 | |
| 35 | 6489 | 6439 | 6335 | 6178 | 5966 | 5694 | 5330 | 4865 | 4285 | 3584 | 2818 | 2083 | 1429 | 911 | 529 | 261 | 77.7 | 17.4 | |
| 40 | 6012 | 5950 | 5830 | 5677 | 5453 | 5165 | 4772 | 4242 | 3599 | 2921 | 2253 | 1644 | 1121 | 710 | 405 | 194 | 35.6 | 16.2 | |
| 45 | 5310 | 5261 | 5153 | 4991 | 4765 | 4462 | 4091 | 3632 | 3095 | 2534 | 1981 | 1471 | 1026 | 670 | 396 | 201 | 50.9 | 15.9 | |
| 50 | 4601 | 4542 | 4417 | 4227 | 3962 | 3626 | 3239 | 2814 | 2369 | 1925 | 1492 | 1103 | 774 | 504 | 297 | 145 | 25.4 | 14.9 | |
| 55 | 3581 | 3538 | 3447 | 3303 | 3103 | 2851 | 2557 | 2234 | 1896 | 1559 | 1231 | 930 | 665 | 447 | 272 | 139 | 30.7 | 14.8 | |
| 60 | 2551 | 2509 | 2425 | 2305 | 2148 | 1961 | 1749 | 1522 | 1287 | 1058 | 842 | 640 | 460 | 311 | 187 | 85.1 | 16.8 | 14.1 | |
| 65 | 1799 | 1772 | 1721 | 1646 | 1544 | 1422 | 1282 | 1126 | 965 | 802 | 649 | 503 | 371 | 256 | 159 | 75.5 | 18.6 | 14.2 | |
| 70 | 1041 | 1019 | 990 | 949 | 895 | 827 | 752 | 669 | 577 | 482 | 395 | 312 | 233 | 160 | 94.0 | 35.1 | 14.7 | 13.9 | |
| 75 | 666 | 657 | 644 | 621 | 588 | 547 | 502 | 450 | 391 | 327 | 268 | 211 | 156 | 107 | 63.8 | 30.3 | 14.9 | 14.1 | |
| 80 | 290 | 291 | 288 | 281 | 268 | 251 | 231 | 208 | 179 | 150 | 119 | 88.0 | 58.6 | 34.4 | 18.2 | 15.0 | 14.5 | 14.0 | |
| 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 | 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 | |

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-9

V(B) Range:-80 - 80DEG

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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

Humidity:65.0%

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Remarks: