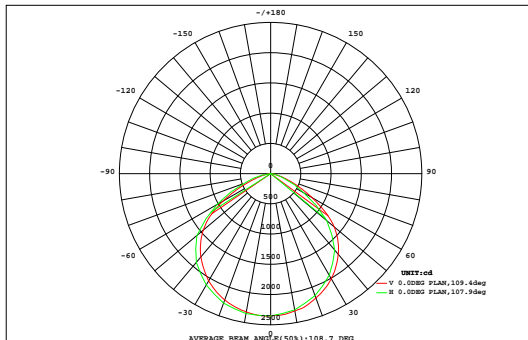


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|--------------------|-------------------|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | |
| NAME: EV45B1203 | TYPE: | WEIGHT:2.48KG |
| SPEC.: | DIM.: 347*244*69mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:185*170mm | PROTECTION ANGLE: |



| DATA OF LAMP | | Eff:140.54lm/W | |
|------------------|-----------|-----------------|------------|
| MODEL | EV45B1203 | Imax(cd) | 2354 |
| NOMINAL POWER(W) | 45 | AVAILABILITY(%) | 97.7 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 5975 |
| NOMINAL FLUX(lm) | 6114.87 | LOR(%) | 100.0 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 6115 |
| TEST VOLTAGE(V) | 220 | θ @50%(H,V) | 109,108DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | Φ t | Φ a |
|---|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------|------|------|
| | 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 | 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 | 33.0 | 0.00 |
| 80 | 0.01 | 0.06 | 0.23 | 0.67 | 1.46 | 2.42 | 3.27 | 3.87 | 4.18 | 4.20 | 3.92 | 3.35 | 2.54 | 1.63 | 0.82 | 0.30 | 0.08 | 0.01 | 93.2 | 72.4 |
| 70 | 0.01 | 0.14 | 0.77 | 2.15 | 4.25 | 6.75 | 9.16 | 11.1 | 12.1 | 12.1 | 11.0 | 9.15 | 6.82 | 4.39 | 2.30 | 0.90 | 0.20 | 0.01 | 205 | 198 |
| 60 | 0.02 | 0.33 | 1.64 | 4.57 | 9.28 | 15.0 | 20.6 | 24.9 | 27.0 | 26.9 | 24.3 | 19.9 | 14.5 | 9.06 | 4.66 | 1.75 | 0.40 | 0.02 | 340 | 336 |
| 50 | 0.03 | 0.56 | 2.77 | 8.00 | 16.4 | 25.9 | 34.3 | 40.4 | 43.6 | 43.5 | 39.9 | 33.3 | 24.7 | 15.4 | 7.79 | 2.90 | 0.63 | 0.04 | 449 | 446 |
| 40 | 0.04 | 0.82 | 4.11 | 12.0 | 23.7 | 35.3 | 44.6 | 51.1 | 54.6 | 54.5 | 50.9 | 44.1 | 34.4 | 22.4 | 11.4 | 4.16 | 0.89 | 0.05 | 524 | 522 |
| 30 | 0.05 | 1.07 | 5.48 | 15.8 | 29.2 | 41.1 | 50.9 | 58.1 | 61.9 | 61.8 | 57.9 | 50.6 | 40.7 | 28.4 | 14.9 | 5.41 | 1.14 | 0.07 | 577 | 575 |
| 20 | 0.07 | 1.28 | 6.68 | 18.8 | 32.6 | 44.9 | 55.4 | 63.1 | 67.1 | 67.0 | 62.9 | 55.1 | 44.4 | 31.9 | 17.7 | 6.44 | 1.34 | 0.08 | 607 | 606 |
| 10 | 0.07 | 1.42 | 7.43 | 20.3 | 34.4 | 47.1 | 58.1 | 66.0 | 70.2 | 70.1 | 65.7 | 57.8 | 46.8 | 33.9 | 19.4 | 7.11 | 1.47 | 0.09 | 617 | 615 |
| 0 | 0.08 | 1.46 | 7.68 | 20.8 | 35.0 | 47.9 | 59.0 | 67.0 | 71.3 | 71.1 | 66.8 | 58.5 | 47.4 | 34.4 | 19.9 | 7.29 | 1.49 | 0.09 | 605 | 604 |
| -10 | 0.08 | 1.40 | 7.26 | 20.0 | 34.2 | 47.1 | 57.9 | 65.9 | 70.0 | 70.0 | 65.7 | 57.6 | 46.7 | 33.8 | 19.2 | 7.01 | 1.45 | 0.09 | 571 | 569 |
| -20 | 0.07 | 1.25 | 6.41 | 18.0 | 32.1 | 44.6 | 55.1 | 62.8 | 66.7 | 66.8 | 62.5 | 54.7 | 44.1 | 31.5 | 17.1 | 6.16 | 1.27 | 0.08 | 514 | 512 |
| -30 | 0.06 | 1.03 | 5.12 | 14.7 | 28.0 | 40.3 | 50.2 | 57.5 | 61.2 | 61.2 | 57.3 | 50.0 | 39.9 | 27.5 | 14.1 | 5.04 | 1.06 | 0.07 | 430 | 427 |
| -40 | 0.05 | 0.78 | 3.75 | 10.8 | 21.8 | 33.4 | 42.9 | 49.7 | 53.2 | 53.2 | 49.5 | 42.6 | 32.9 | 21.0 | 10.3 | 3.70 | 0.79 | 0.06 | 309 | 304 |
| -50 | 0.04 | 0.52 | 2.44 | 6.83 | 13.9 | 22.8 | 31.2 | 37.1 | 40.2 | 40.2 | 36.9 | 30.9 | 22.4 | 13.7 | 6.74 | 2.42 | 0.54 | 0.05 | 166 | 158 |
| -60 | 0.03 | 0.31 | 1.37 | 3.67 | 7.30 | 11.8 | 16.4 | 20.1 | 22.1 | 22.1 | 20.0 | 16.4 | 11.8 | 7.34 | 3.63 | 1.32 | 0.32 | 0.04 | 63.3 | 30.2 |
| -70 | 0.03 | 0.15 | 0.60 | 1.57 | 3.01 | 4.61 | 6.12 | 7.33 | 8.02 | 8.10 | 7.52 | 6.32 | 4.69 | 2.94 | 1.48 | 0.57 | 0.17 | 0.04 | 8.78 | 0.00 |
| -80 | 0.02 | 0.04 | 0.11 | 0.29 | 0.56 | 0.81 | 0.96 | 1.01 | 1.01 | 0.98 | 0.94 | 0.81 | 0.58 | 0.34 | 0.18 | 0.08 | 0.04 | 0.02 | --- | 5975 |
| -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 | --- | 5975 |
| -90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90 | | | | | | | | | | | | | | | | | | | | |
| Φ t | 0.77 | 12.6 | 63.9 | 179 | 327 | 472 | 596 | 687 | 734 | 734 | 684 | 591 | 465 | 320 | 172 | 62.5 | 13.3 | 0.92 | 6115 | --- |
| Φ a | 0.00 | 2.67 | 54.5 | 171 | 319 | 463 | 587 | 679 | 727 | 726 | 676 | 582 | 456 | 313 | 163 | 53.0 | 2.74 | 0.00 | --- | 5975 |

one-half-peak spread: U:57.5,D:50.9 , L:52.9,R:56.9

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=0.9906]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|--------------------|-------------------|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | |
| NAME: EV45B1203 | TYPE: | WEIGHT:2.48KG |
| SPEC.: | DIM.: 347*244*69mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:185*170mm | PROTECTION ANGLE: |

Conical surface Flux(90deg):

3657.1 lm

%lum = 59.9%

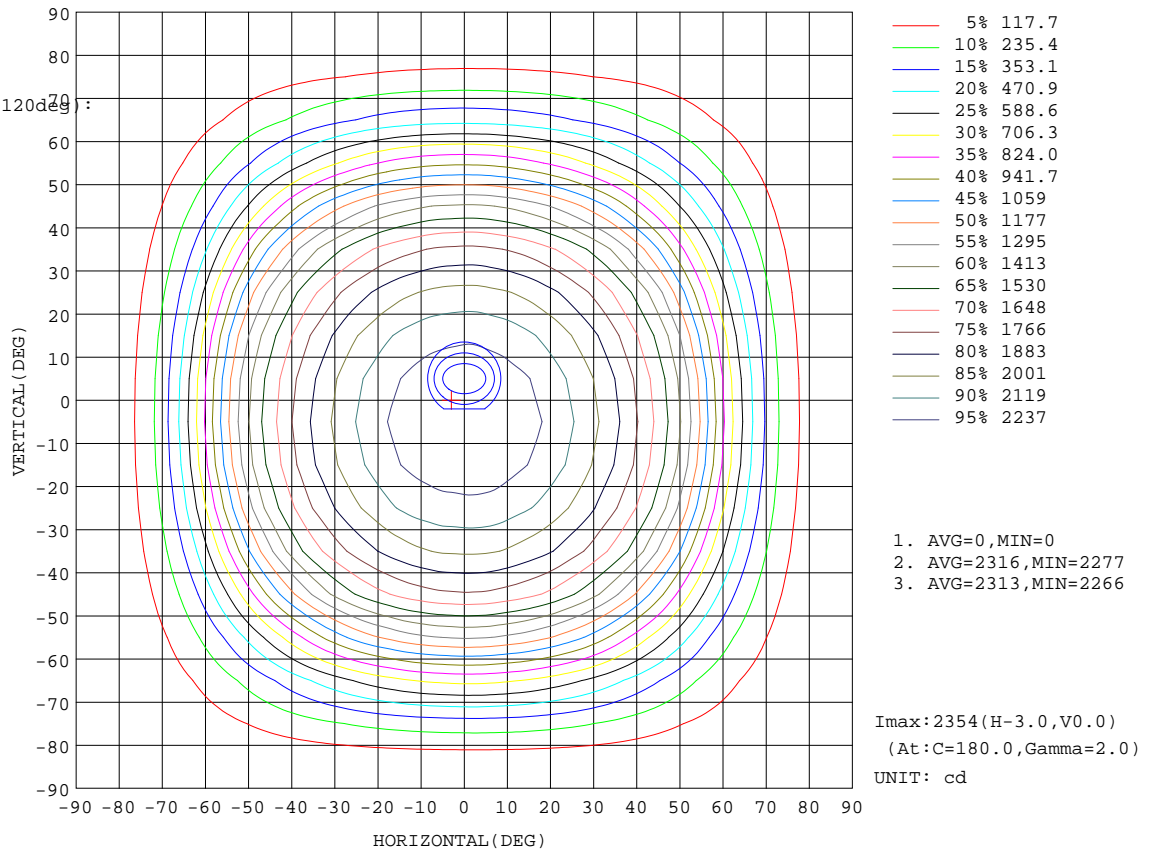
%lamp = 59.8%

Conical surface Flux(120deg):

5279 lm

%lum = 86.5%

%lamp = 86.3%



H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-1

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

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

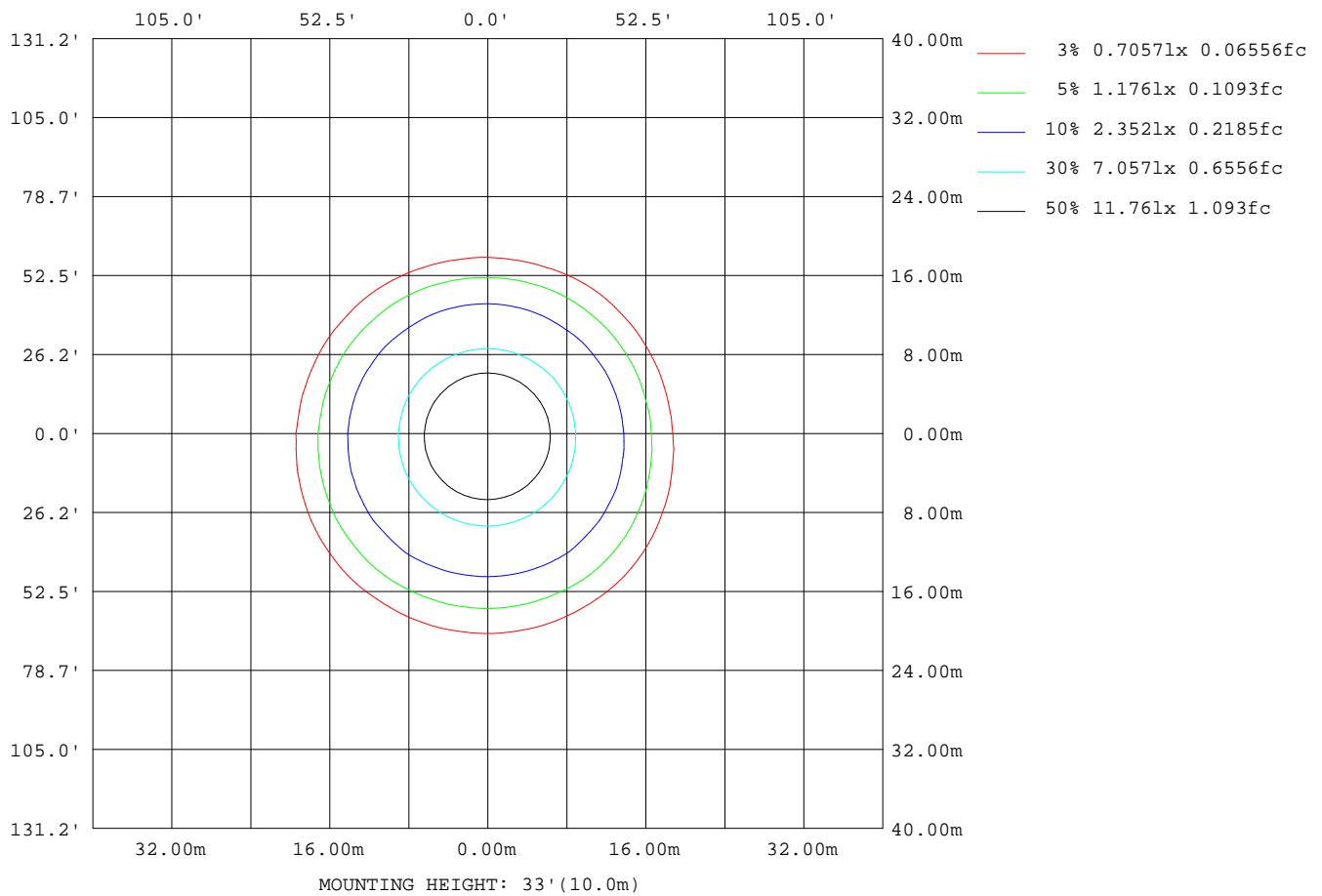
Humidity:65.0%

Test Distance:11.710m [K=0.9906]

Remarks:

ISOLUX DIAGRAM

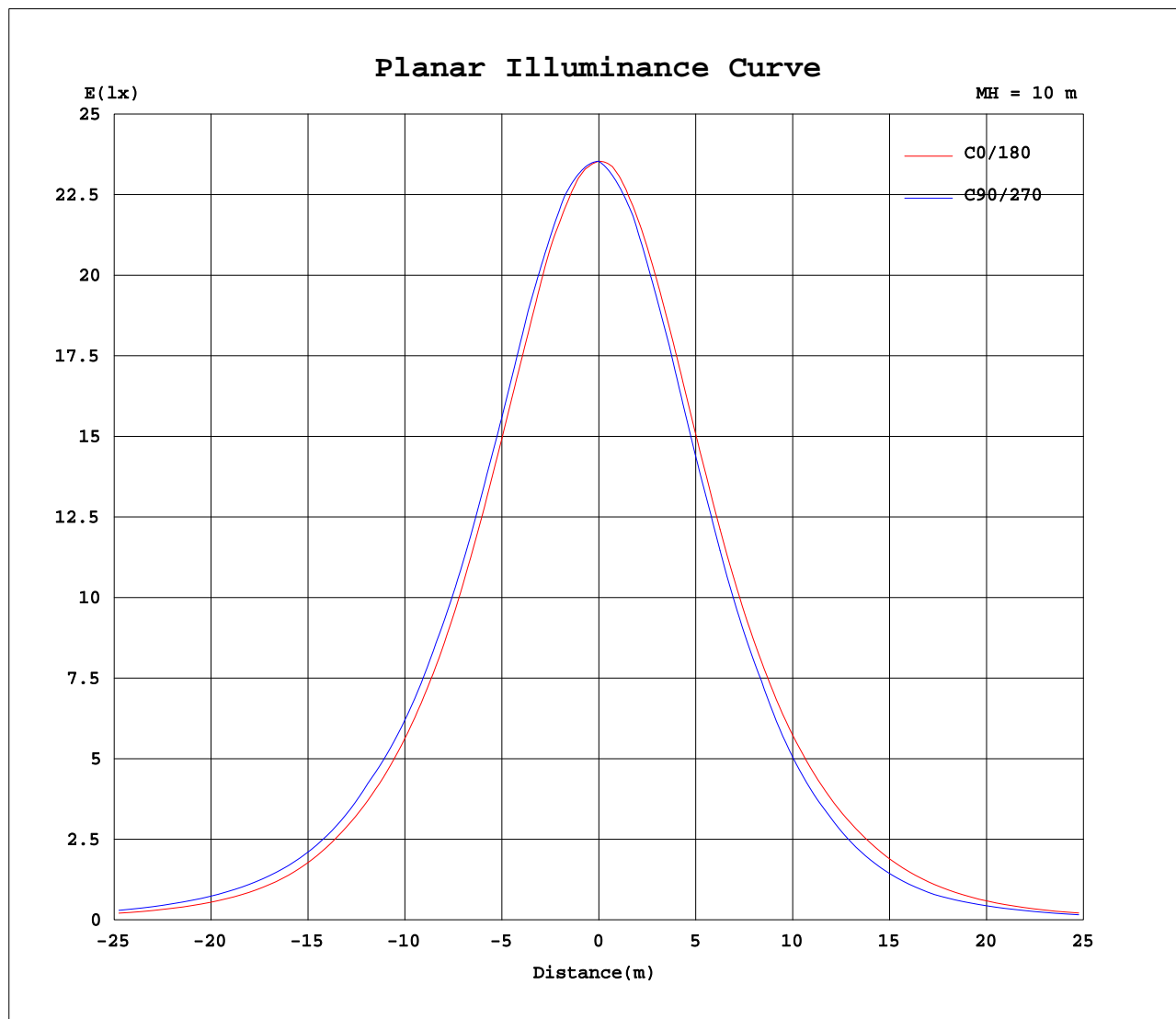
| | | |
|---|--------------------|-------------------|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | |
| NAME: EV45B1203 | TYPE: | WEIGHT:2.48KG |
| SPEC.: | DIM.: 347*244*69mm | SERIAL No.:1 |
| MFR.: Integratech | SUR.:185*170mm | PROTECTION ANGLE: |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-6-1

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=0.9906]
 Remarks:

Planar Illuminance Curve

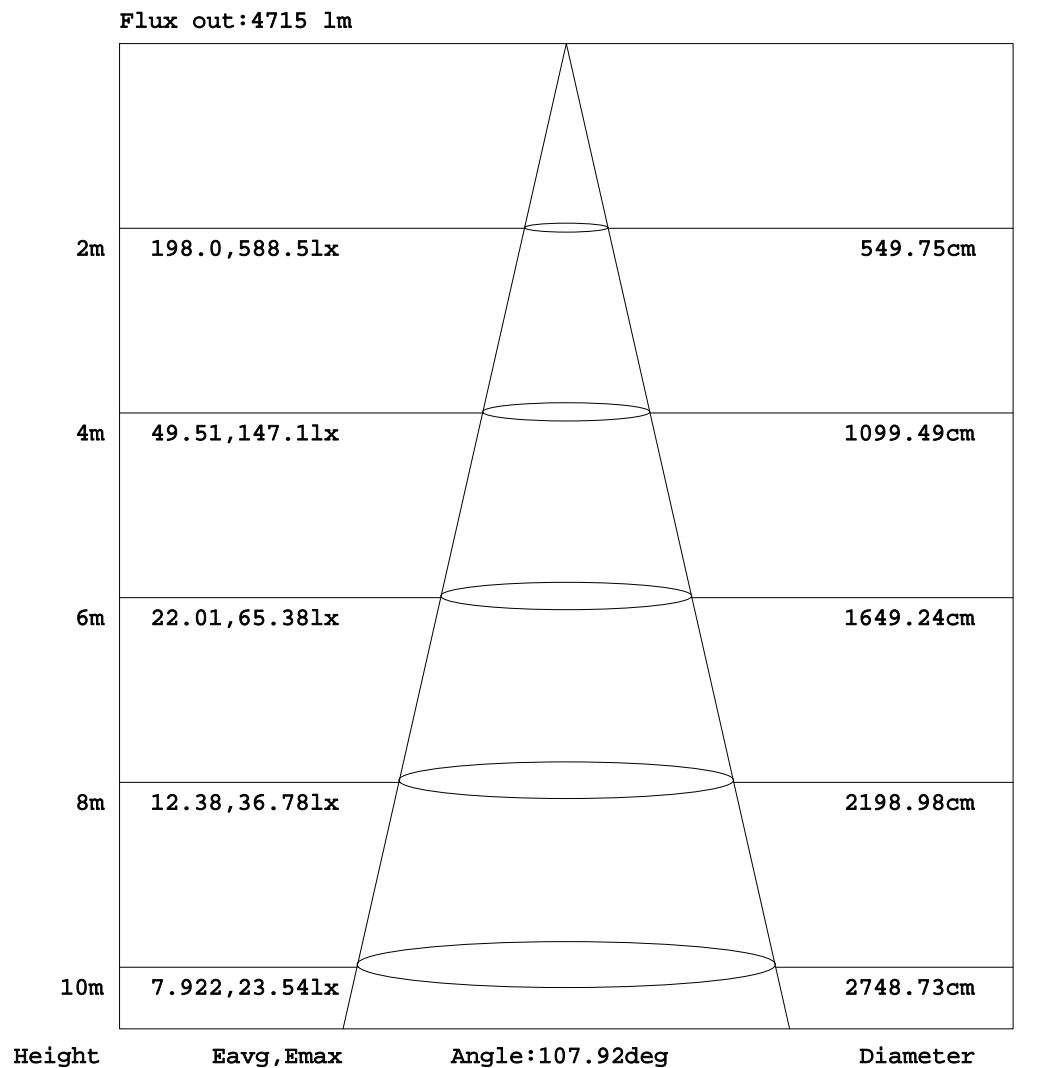


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=0.9906]
Remarks:

AAI Figure

| | | |
|---|--------------------|-------------------|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | |
| NAME: EV45B1203 | TYPE: | WEIGHT:2.48KG |
| SPEC.: | DIM.: 347*244*69mm | SERIAL No.:1 |
| MFR.: Integrattech | SUR.:185*170mm | 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:2022-6-1

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=0.9906]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: EV45B1203 | | | | | | | | | TYPE: | | | | | WEIGHT:2.48KG | | | | |
| SPEC.: | | | | | | | | | DIM.: 347*244*69mm | | | | | SERIAL No.:1 | | | | |
| MFR.: Integratech | | | | | | | | | SUR.:185*170mm | | | | | 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 | 11.1 | 12.9 | 12.7 | 13.5 | 16.7 | 25.6 | 38.0 | 52.6 | 68.6 | 84.8 | 98.9 | 111 | 121 | 129 | 135 | 139 | 142 | 143 | 144 |
| -75 | 10.4 | 12.7 | 12.9 | 17.4 | 28.1 | 44.7 | 66.6 | 92.0 | 120 | 149 | 177 | 203 | 226 | 247 | 265 | 279 | 289 | 297 | 299 |
| -70 | 10.4 | 12.6 | 13.9 | 24.9 | 45.2 | 71.7 | 104 | 142 | 183 | 224 | 266 | 305 | 340 | 373 | 401 | 424 | 440 | 452 | 456 |
| -65 | 9.64 | 12.2 | 15.3 | 32.0 | 60.3 | 99.0 | 148 | 205 | 269 | 338 | 410 | 478 | 540 | 597 | 647 | 685 | 714 | 730 | 739 |
| -60 | 9.72 | 12.1 | 21.3 | 48.9 | 89.1 | 144 | 213 | 293 | 383 | 480 | 582 | 677 | 764 | 843 | 908 | 960 | 997 | 1015 | 1024 |
| -55 | 8.92 | 11.5 | 21.9 | 54.2 | 104 | 173 | 263 | 372 | 498 | 628 | 762 | 889 | 1003 | 1100 | 1174 | 1232 | 1272 | 1296 | 1309 |
| -50 | 9.09 | 12.0 | 32.6 | 76.5 | 143 | 234 | 355 | 500 | 664 | 830 | 992 | 1149 | 1285 | 1390 | 1461 | 1524 | 1561 | 1583 | 1594 |
| -45 | 8.36 | 11.1 | 31.4 | 80.1 | 155 | 262 | 406 | 584 | 779 | 974 | 1155 | 1307 | 1435 | 1536 | 1614 | 1675 | 1716 | 1744 | 1754 |
| -40 | 8.59 | 12.9 | 45.8 | 110 | 205 | 341 | 524 | 744 | 973 | 1196 | 1380 | 1518 | 1629 | 1717 | 1791 | 1846 | 1886 | 1909 | 1913 |
| -35 | 7.91 | 10.9 | 40.9 | 106 | 207 | 356 | 559 | 801 | 1049 | 1271 | 1452 | 1597 | 1712 | 1807 | 1884 | 1944 | 1988 | 2014 | 2020 |
| -30 | 8.18 | 13.9 | 56.3 | 137 | 261 | 444 | 688 | 956 | 1218 | 1428 | 1587 | 1725 | 1835 | 1930 | 2005 | 2061 | 2102 | 2123 | 2128 |
| -25 | 7.48 | 10.9 | 49.0 | 128 | 253 | 442 | 701 | 985 | 1256 | 1462 | 1628 | 1771 | 1885 | 1983 | 2062 | 2127 | 2168 | 2194 | 2202 |
| -20 | 7.69 | 15.5 | 66.3 | 161 | 310 | 535 | 827 | 1126 | 1384 | 1565 | 1728 | 1862 | 1977 | 2069 | 2147 | 2212 | 2245 | 2269 | 2278 |
| -15 | 6.96 | 10.8 | 54.1 | 143 | 287 | 505 | 798 | 1105 | 1371 | 1563 | 1730 | 1872 | 1987 | 2087 | 2168 | 2234 | 2277 | 2303 | 2314 |
| -10 | 7.08 | 15.5 | 69.9 | 172 | 337 | 583 | 895 | 1202 | 1445 | 1625 | 1792 | 1928 | 2040 | 2138 | 2218 | 2274 | 2321 | 2342 | 2349 |
| -5 | 6.36 | 10.4 | 56.0 | 149 | 300 | 535 | 839 | 1151 | 1408 | 1599 | 1765 | 1902 | 2021 | 2123 | 2206 | 2268 | 2314 | 2344 | 2352 |
| 0 | 6.45 | 15.4 | 71.4 | 176 | 342 | 599 | 911 | 1219 | 1455 | 1638 | 1797 | 1928 | 2048 | 2143 | 2222 | 2280 | 2321 | 2352 | 2352 |
| 5 | 5.81 | 9.69 | 54.2 | 146 | 293 | 521 | 819 | 1127 | 1383 | 1574 | 1735 | 1870 | 1990 | 2092 | 2173 | 2234 | 2281 | 2308 | 2319 |
| 10 | 5.94 | 13.5 | 65.6 | 164 | 320 | 554 | 851 | 1154 | 1396 | 1575 | 1730 | 1862 | 1978 | 2076 | 2154 | 2208 | 2254 | 2272 | 2286 |
| 15 | 5.41 | 8.61 | 48.8 | 133 | 265 | 466 | 740 | 1033 | 1293 | 1485 | 1644 | 1782 | 1896 | 1996 | 2073 | 2136 | 2179 | 2203 | 2215 |
| 20 | 5.53 | 11.8 | 58.2 | 145 | 279 | 478 | 746 | 1026 | 1278 | 1463 | 1619 | 1748 | 1856 | 1947 | 2023 | 2084 | 2120 | 2139 | 2146 |
| 25 | 5.17 | 7.55 | 40.9 | 112 | 222 | 386 | 613 | 871 | 1123 | 1329 | 1492 | 1628 | 1738 | 1831 | 1906 | 1967 | 2006 | 2033 | 2042 |
| 30 | 5.22 | 9.25 | 45.8 | 116 | 221 | 375 | 582 | 820 | 1060 | 1265 | 1424 | 1553 | 1659 | 1745 | 1816 | 1869 | 1907 | 1933 | 1938 |
| 35 | 5.00 | 6.53 | 31.0 | 86.0 | 171 | 293 | 459 | 662 | 877 | 1077 | 1248 | 1387 | 1498 | 1590 | 1665 | 1717 | 1757 | 1784 | 1793 |
| 40 | 5.03 | 7.34 | 33.7 | 85.7 | 163 | 270 | 412 | 590 | 778 | 960 | 1131 | 1272 | 1377 | 1467 | 1539 | 1582 | 1621 | 1640 | 1649 |
| 45 | 4.82 | 5.75 | 20.8 | 59.5 | 119 | 201 | 309 | 446 | 597 | 752 | 900 | 1031 | 1140 | 1231 | 1307 | 1359 | 1398 | 1421 | 1429 |
| 50 | 4.85 | 5.88 | 20.2 | 53.9 | 104 | 171 | 256 | 361 | 479 | 603 | 725 | 837 | 940 | 1027 | 1098 | 1152 | 1189 | 1206 | 1210 |
| 55 | 4.64 | 5.21 | 11.7 | 34.9 | 71.4 | 120 | 183 | 259 | 345 | 436 | 527 | 615 | 694 | 764 | 824 | 868 | 899 | 915 | 921 |
| 60 | 4.65 | 5.16 | 9.88 | 28.4 | 56.0 | 92.9 | 138 | 189 | 246 | 306 | 366 | 425 | 478 | 526 | 569 | 598 | 619 | 629 | 630 |
| 65 | 4.45 | 4.77 | 6.58 | 15.8 | 33.7 | 58.5 | 89.3 | 125 | 164 | 205 | 247 | 286 | 322 | 354 | 383 | 405 | 420 | 428 | 431 |
| 70 | 4.43 | 4.60 | 5.42 | 9.03 | 20.0 | 35.8 | 54.6 | 76.0 | 98.3 | 121 | 143 | 163 | 180 | 194 | 207 | 218 | 225 | 230 | 231 |
| 75 | 4.27 | 4.38 | 4.87 | 6.34 | 11.1 | 19.0 | 28.9 | 41.5 | 56.1 | 71.3 | 86.6 | 101 | 113 | 122 | 130 | 137 | 141 | 144 | 146 |
| 80 | 4.21 | 4.24 | 4.60 | 4.90 | 4.96 | 5.64 | 7.67 | 12.7 | 19.9 | 27.9 | 36.2 | 43.9 | 50.0 | 53.9 | 56.6 | 58.3 | 58.8 | 59.6 | 60.0 |
| 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 | 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:2022-6-1

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=0.9906]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--------------------|--|--|--|--|-------------------|--|--|--|--|
| Test:U:220.2V I:0.2000A P:43.51W PF:0.9880 Lamp Flux:6114.87x1 lm | | | | | | | | | | | | | | | | | | |
| NAME: EV45B1203 | | | | | | | | | TYPE: | | | | | WEIGHT:2.48KG | | | | |
| SPEC.: | | | | | | | | | DIM.: 347*244*69mm | | | | | SERIAL No.:1 | | | | |
| MFR.: Integratech | | | | | | | | | SUR.:185*170mm | | | | | 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 | 143 | 141 | 138 | 133 | 125 | 114 | 101 | 86.2 | 71.2 | 57.4 | 44.9 | 33.9 | 24.2 | 17.1 | 14.5 | 14.1 | 13.7 | 11.4 | |
| -75 | 299 | 295 | 286 | 273 | 257 | 235 | 210 | 182 | 153 | 123 | 94.7 | 69.7 | 48.6 | 33.0 | 22.2 | 15.4 | 13.9 | 11.8 | |
| -70 | 454 | 446 | 430 | 407 | 380 | 347 | 309 | 267 | 221 | 176 | 134 | 96.2 | 65.7 | 43.9 | 26.5 | 15.5 | 13.6 | 11.2 | |
| -65 | 735 | 719 | 694 | 656 | 612 | 557 | 496 | 428 | 359 | 287 | 219 | 157 | 107 | 68.7 | 40.9 | 21.7 | 13.7 | 11.5 | |
| -60 | 1012 | 983 | 944 | 888 | 823 | 744 | 655 | 562 | 466 | 371 | 277 | 197 | 131 | 80.8 | 46.3 | 22.4 | 13.2 | 10.8 | |
| -55 | 1301 | 1272 | 1235 | 1179 | 1105 | 1014 | 901 | 778 | 649 | 522 | 395 | 284 | 191 | 119 | 67.0 | 33.4 | 13.9 | 11.0 | |
| -50 | 1582 | 1549 | 1505 | 1444 | 1355 | 1244 | 1096 | 941 | 783 | 621 | 466 | 330 | 218 | 133 | 71.2 | 33.7 | 12.8 | 10.3 | |
| -45 | 1747 | 1718 | 1677 | 1621 | 1539 | 1441 | 1314 | 1163 | 984 | 791 | 602 | 433 | 290 | 178 | 97.3 | 45.4 | 14.8 | 10.5 | |
| -40 | 1903 | 1872 | 1829 | 1770 | 1689 | 1594 | 1474 | 1315 | 1111 | 884 | 668 | 475 | 312 | 186 | 96.5 | 42.3 | 12.5 | 9.75 | |
| -35 | 2015 | 1990 | 1945 | 1892 | 1812 | 1720 | 1605 | 1464 | 1283 | 1061 | 814 | 588 | 391 | 237 | 129 | 56.8 | 16.8 | 9.79 | |
| -30 | 2121 | 2091 | 2043 | 1986 | 1903 | 1801 | 1687 | 1548 | 1371 | 1139 | 864 | 616 | 401 | 239 | 125 | 52.1 | 13.0 | 9.11 | |
| -25 | 2199 | 2169 | 2125 | 2066 | 1987 | 1891 | 1775 | 1642 | 1478 | 1268 | 992 | 718 | 478 | 289 | 155 | 66.5 | 18.8 | 9.04 | |
| -20 | 2271 | 2229 | 2187 | 2118 | 2037 | 1932 | 1814 | 1677 | 1508 | 1295 | 1005 | 717 | 470 | 277 | 142 | 57.1 | 12.8 | 8.41 | |
| -15 | 2307 | 2278 | 2233 | 2173 | 2092 | 1991 | 1876 | 1743 | 1578 | 1384 | 1112 | 807 | 542 | 326 | 173 | 73.5 | 20.4 | 8.20 | |
| -10 | 2336 | 2310 | 2260 | 2196 | 2111 | 2006 | 1888 | 1748 | 1577 | 1379 | 1095 | 784 | 515 | 303 | 156 | 62.3 | 13.6 | 7.59 | |
| -5 | 2342 | 2315 | 2273 | 2208 | 2127 | 2028 | 1910 | 1773 | 1612 | 1421 | 1158 | 843 | 565 | 340 | 180 | 75.9 | 20.8 | 7.31 | |
| 0 | 2341 | 2305 | 2264 | 2188 | 2107 | 2007 | 1881 | 1740 | 1575 | 1373 | 1095 | 783 | 514 | 302 | 154 | 60.1 | 12.2 | 6.73 | |
| 5 | 2308 | 2281 | 2239 | 2174 | 2096 | 1999 | 1881 | 1743 | 1585 | 1391 | 1127 | 821 | 547 | 331 | 176 | 73.9 | 19.7 | 6.45 | |
| 10 | 2269 | 2241 | 2189 | 2132 | 2050 | 1947 | 1827 | 1686 | 1525 | 1317 | 1035 | 740 | 484 | 288 | 149 | 58.8 | 11.7 | 5.93 | |
| 15 | 2205 | 2181 | 2136 | 2079 | 1999 | 1905 | 1788 | 1653 | 1496 | 1294 | 1023 | 744 | 497 | 303 | 161 | 67.6 | 17.4 | 5.73 | |
| 20 | 2131 | 2106 | 2061 | 1998 | 1913 | 1819 | 1698 | 1559 | 1395 | 1173 | 894 | 639 | 423 | 251 | 128 | 50.7 | 9.30 | 5.30 | |
| 25 | 2033 | 2008 | 1968 | 1909 | 1833 | 1743 | 1630 | 1493 | 1330 | 1112 | 857 | 622 | 418 | 256 | 137 | 57.7 | 14.1 | 5.13 | |
| 30 | 1925 | 1895 | 1855 | 1794 | 1717 | 1625 | 1510 | 1369 | 1185 | 953 | 721 | 515 | 341 | 205 | 107 | 43.5 | 7.58 | 4.79 | |
| 35 | 1785 | 1760 | 1720 | 1662 | 1590 | 1498 | 1383 | 1233 | 1059 | 857 | 658 | 479 | 323 | 198 | 107 | 46.3 | 10.3 | 4.66 | |
| 40 | 1636 | 1611 | 1565 | 1504 | 1428 | 1330 | 1199 | 1033 | 855 | 682 | 521 | 375 | 248 | 150 | 77.2 | 32.4 | 5.45 | 4.38 | |
| 45 | 1422 | 1396 | 1351 | 1292 | 1216 | 1123 | 1010 | 874 | 731 | 587 | 453 | 332 | 225 | 140 | 75.5 | 33.8 | 6.80 | 4.28 | |
| 50 | 1201 | 1167 | 1115 | 1053 | 969 | 873 | 769 | 658 | 548 | 438 | 335 | 243 | 164 | 100 | 52.9 | 22.1 | 4.61 | 4.07 | |
| 55 | 914 | 891 | 853 | 808 | 748 | 678 | 601 | 519 | 437 | 353 | 274 | 202 | 138 | 86.7 | 48.2 | 20.9 | 4.86 | 4.00 | |
| 60 | 622 | 603 | 574 | 542 | 500 | 453 | 401 | 348 | 291 | 236 | 183 | 134 | 90.0 | 55.7 | 30.9 | 10.4 | 4.15 | 3.87 | |
| 65 | 427 | 417 | 400 | 380 | 354 | 324 | 290 | 254 | 216 | 176 | 138 | 102 | 71.1 | 45.0 | 24.9 | 9.59 | 4.18 | 3.86 | |
| 70 | 230 | 225 | 218 | 209 | 197 | 182 | 165 | 145 | 124 | 101 | 77.9 | 57.7 | 40.9 | 25.4 | 11.6 | 4.65 | 3.98 | 3.81 | |
| 75 | 145 | 143 | 139 | 134 | 127 | 117 | 107 | 94.2 | 80.2 | 65.1 | 50.0 | 36.8 | 25.7 | 16.6 | 9.19 | 4.68 | 4.02 | 3.84 | |
| 80 | 60.0 | 59.7 | 58.4 | 56.3 | 53.5 | 49.1 | 43.8 | 37.8 | 30.9 | 23.8 | 16.9 | 10.9 | 6.36 | 4.54 | 4.26 | 4.15 | 3.94 | 3.85 | |
| 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:2022-6-1

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=0.9906]

Remarks: