
STN-SR04 400W



| | |
|---------------------|---------------------|
| Light Output Ratio: | 57.6% |
| Luminaire Power: | 398.9 W |
| 90% Beam Spread | 78.7V x 65.7H |
| 50% Beam Lumens | 448 lumens per klm. |

H(b) Range:-90 - 90DEG
H(b) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

| | |
|------------------------------------|------------------------|
| Maximum Intensity | 223.5 cd per klm. |
| (Luminaire orientation as tested.) | 0.0 degrees vertical |
| | 0.0 degrees horizontal |

| | | |
|-------------|----------------------------|-----------------|
| Beam Spread | At 10% of I _{max} | 147.3V x 148.0H |
| | At 50% of I _{max} | 116.0V x 113.7H |
| | At 90% of I _{max} | 78.7V x 65.7H |

| | | |
|-----------|----------------------------|-----------------------|
| Beam Flux | Total | 574.9 lumens per klm. |
| | To 10% of I _{max} | 564.8 lumens per klm. |
| | To 50% of I _{max} | 448.0 lumens per klm. |
| | To 90% of I _{max} | 114.6 lumens per klm. |

| | |
|--------------|--------|
| Upward LOR | 0.0 % |
| Downward LOR | 57.5 % |

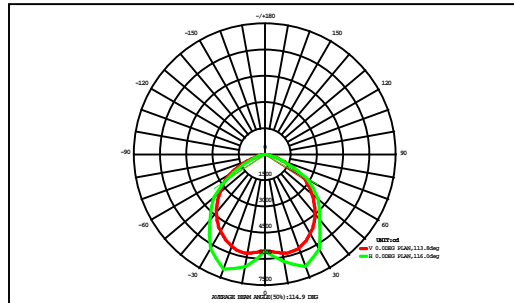
| | |
|--|--------|
| Luminaire Efficiency(Light Output Ratio) | 57.6 % |
|--|--------|

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |



| DATA OF LAMP | | Eff:46.17lm/W | |
|------------------|---------------|-----------------|------------|
| MODEL | STN-SR04 400W | Imax(cd) | 7153 |
| NOMINAL POWER(W) | 400 | AVAILABILITY(%) | 56.7 |
| RATED VOLTAGE(V) | 220 | Avai. FLUX(lm) | 18149 |
| NOMINAL FLUX(lm) | 32000 | LOR(%) | 57.6 |
| LAMPS INSIDE | 1 | TOTAL FLUX(lm) | 18419 |
| TEST VOLTAGE(V) | 220.4 | q @50%(H,V) | 114,116DEG |

| VERTICAL(DEG) | AREA FLUX DIAGRAM | | | | | | | | | | | | | | | | UNIT:lm | | F t | F 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 | 0.01 | 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 | 0.01 | 0.00 |
| 80 | 0.01 | 0.10 | 0.50 | 1.91 | 4.57 | 8.21 | 11.7 | 14.3 | 15.4 | 15.5 | 14.8 | 12.6 | 9.24 | 5.33 | 2.27 | 0.59 | 0.11 | 0.01 | 117 | 51.4 |
| 70 | 0.02 | 0.23 | 1.83 | 7.58 | 18.1 | 31.1 | 43.3 | 52.0 | 55.0 | 54.9 | 53.0 | 45.4 | 33.3 | 20.0 | 8.70 | 2.13 | 0.25 | 0.02 | 427 | 399 |
| 60 | 0.03 | 0.50 | 5.11 | 18.7 | 40.6 | 65.4 | 87.5 | 102 | 105 | 105 | 103 | 90.1 | 68.1 | 43.3 | 20.7 | 5.85 | 0.57 | 0.03 | 861 | 849 |
| 50 | 0.04 | 1.11 | 9.96 | 31.5 | 60.9 | 92.4 | 119 | 135 | 137 | 137 | 136 | 122 | 95.4 | 63.8 | 34.2 | 11.2 | 1.32 | 0.04 | 1187 | 1179 |
| 40 | 0.05 | 2.06 | 15.4 | 43.0 | 78.3 | 114 | 145 | 165 | 168 | 168 | 166 | 148 | 118 | 81.1 | 45.9 | 17.1 | 2.42 | 0.05 | 1476 | 1471 |
| 30 | 0.05 | 3.05 | 20.2 | 53.0 | 94.0 | 137 | 174 | 198 | 203 | 203 | 199 | 178 | 142 | 97.9 | 56.0 | 22.4 | 3.56 | 0.06 | 1784 | 1780 |
| 20 | 0.05 | 3.74 | 22.8 | 56.6 | 98.2 | 141 | 176 | 199 | 204 | 205 | 201 | 181 | 146 | 102 | 59.3 | 24.9 | 4.25 | 0.07 | 1825 | 1821 |
| 10 | 0.05 | 3.91 | 22.9 | 53.3 | 89.0 | 126 | 156 | 177 | 181 | 181 | 179 | 161 | 131 | 93.1 | 56.0 | 24.9 | 4.54 | 0.07 | 1640 | 1636 |
| 0 | 0.05 | 3.87 | 22.6 | 52.4 | 87.3 | 124 | 155 | 176 | 179 | 179 | 177 | 159 | 128 | 90.3 | 54.4 | 24.0 | 4.42 | 0.07 | 1617 | 1613 |
| -10 | 0.05 | 3.57 | 22.5 | 56.8 | 99.6 | 144 | 180 | 204 | 209 | 209 | 205 | 184 | 148 | 104 | 59.7 | 24.7 | 4.22 | 0.06 | 1858 | 1854 |
| -20 | 0.05 | 2.93 | 19.8 | 53.2 | 95.4 | 140 | 178 | 202 | 208 | 207 | 203 | 181 | 144 | 99.3 | 56.1 | 21.8 | 3.39 | 0.05 | 1815 | 1811 |
| -30 | 0.04 | 1.86 | 14.8 | 42.7 | 78.6 | 117 | 150 | 171 | 174 | 173 | 171 | 153 | 120 | 82.0 | 45.8 | 16.9 | 2.31 | 0.05 | 1514 | 1508 |
| -40 | 0.03 | 0.99 | 9.26 | 29.7 | 58.2 | 89.5 | 117 | 132 | 134 | 134 | 133 | 118 | 91.5 | 60.5 | 31.8 | 10.3 | 1.17 | 0.04 | 1151 | 1142 |
| -50 | 0.02 | 0.40 | 4.41 | 17.0 | 36.0 | 57.6 | 77.6 | 89.9 | 93.2 | 93.4 | 91.6 | 79.9 | 60.1 | 38.5 | 18.7 | 5.10 | 0.49 | 0.03 | 764 | 750 |
| -60 | 0.01 | 0.17 | 1.36 | 5.87 | 14.3 | 24.0 | 32.8 | 38.9 | 40.7 | 40.9 | 39.6 | 34.1 | 25.4 | 15.5 | 6.50 | 1.56 | 0.18 | 0.02 | 322 | 284 |
| -70 | 0.01 | 0.08 | 0.18 | 0.68 | 1.96 | 3.89 | 5.80 | 7.54 | 8.57 | 8.63 | 7.87 | 6.24 | 4.36 | 2.28 | 0.82 | 0.21 | 0.10 | 0.01 | 59.2 | 0.00 |
| -80 | 0.00 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.00 | 0.40 | 0.00 |
| -90 | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | HORIZONTAL(DEG) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| F t | 0.56 | 28.6 | 194 | 524 | 955 | 1416 | 1810 | 2062 | 2114 | 2114 | 2080 | 1852 | 1465 | 999 | 557 | 214 | 33.3 | 0.70 | 18419 | --- |
| F a | 0.00 | 7.94 | 173 | 506 | 937 | 1399 | 1795 | 2049 | 2101 | 2100 | 2067 | 1838 | 1449 | 981 | 540 | 194 | 13.0 | 0.00 | --- | 18149 |

one-half-peak spread: U:32.3,D:34.3 , L:42.5,R:42.4

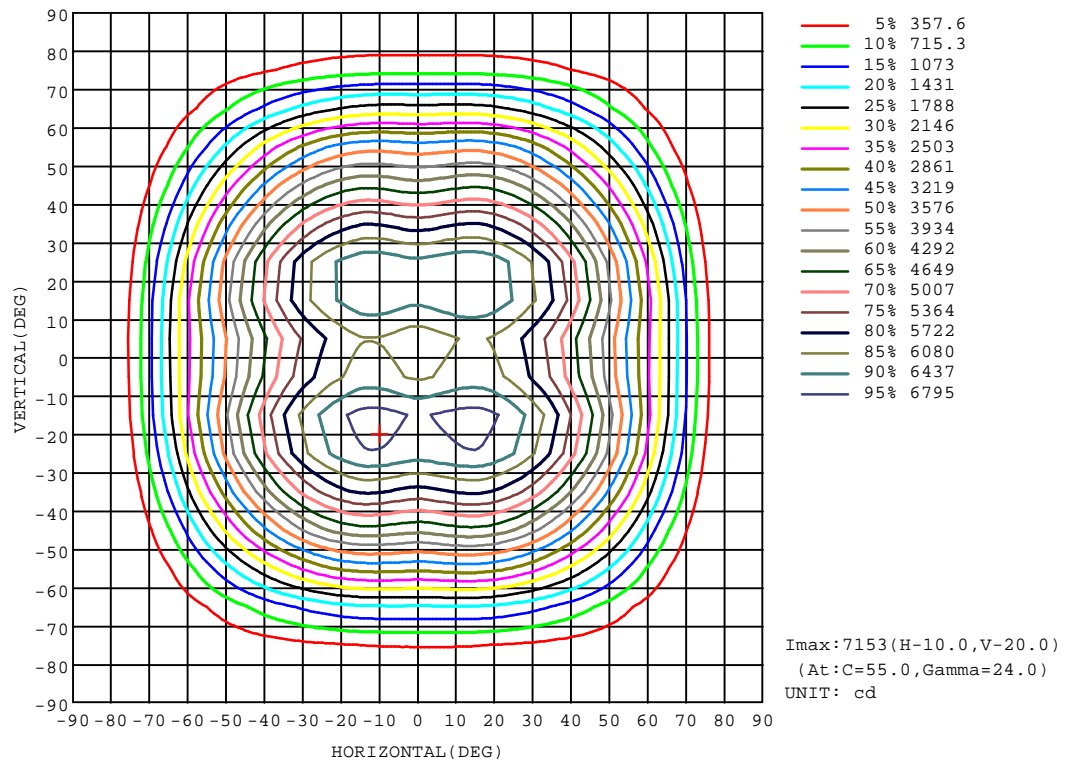
NEMA Beam Type: Type 7

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |

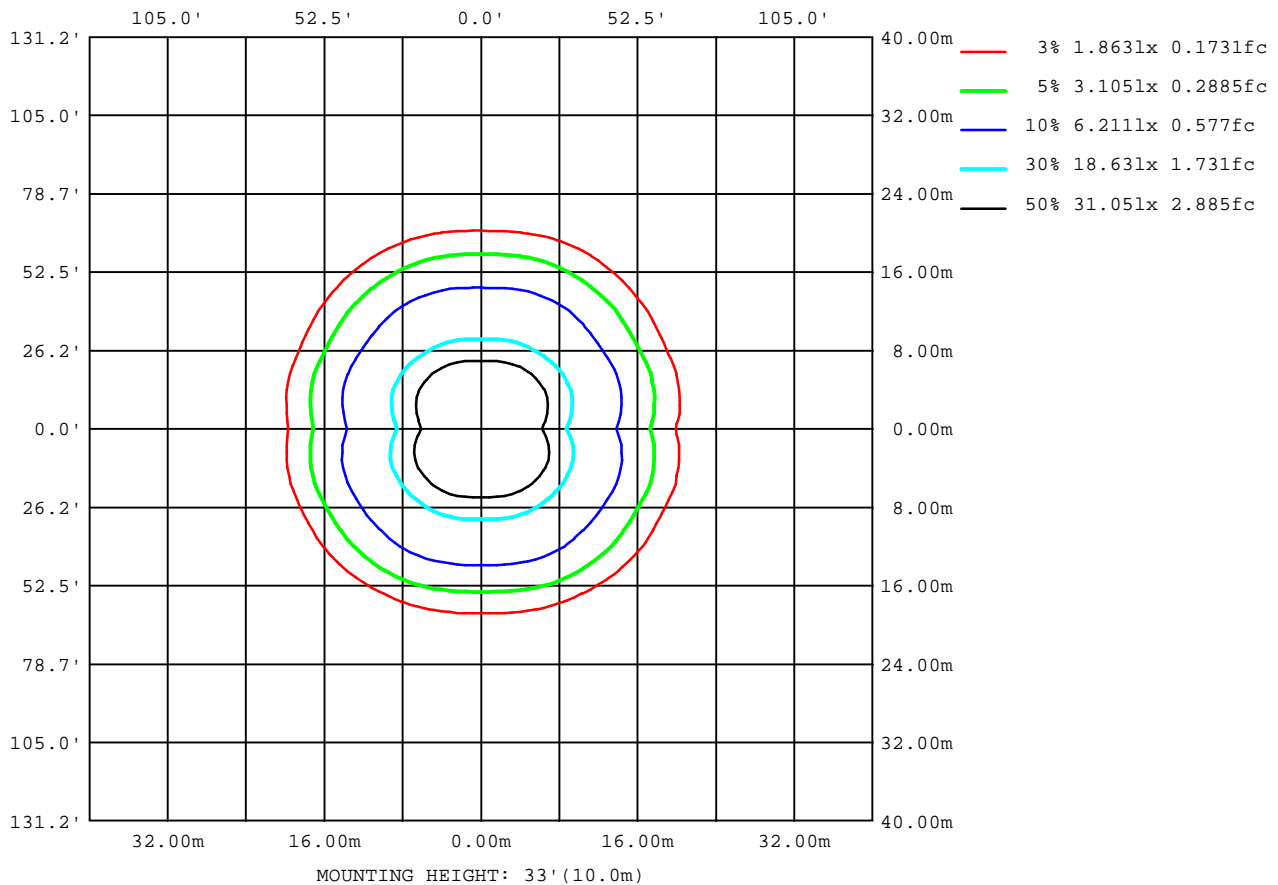


H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2013-07-03

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:7.030m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |



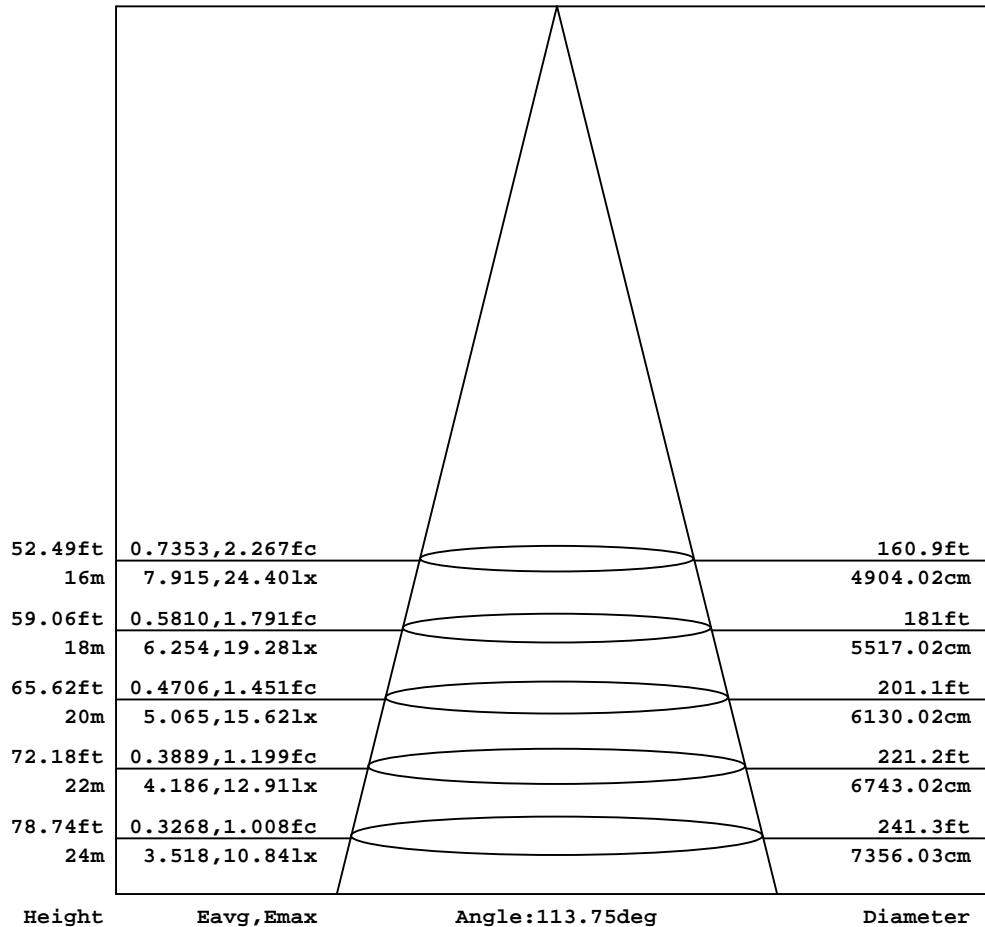
H(h) Range:-90 - 90DEG
 H(h) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2013-07-03

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
 Humidity:65.0%
 Test Distance:7.030m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |

Flux out:15094 lm

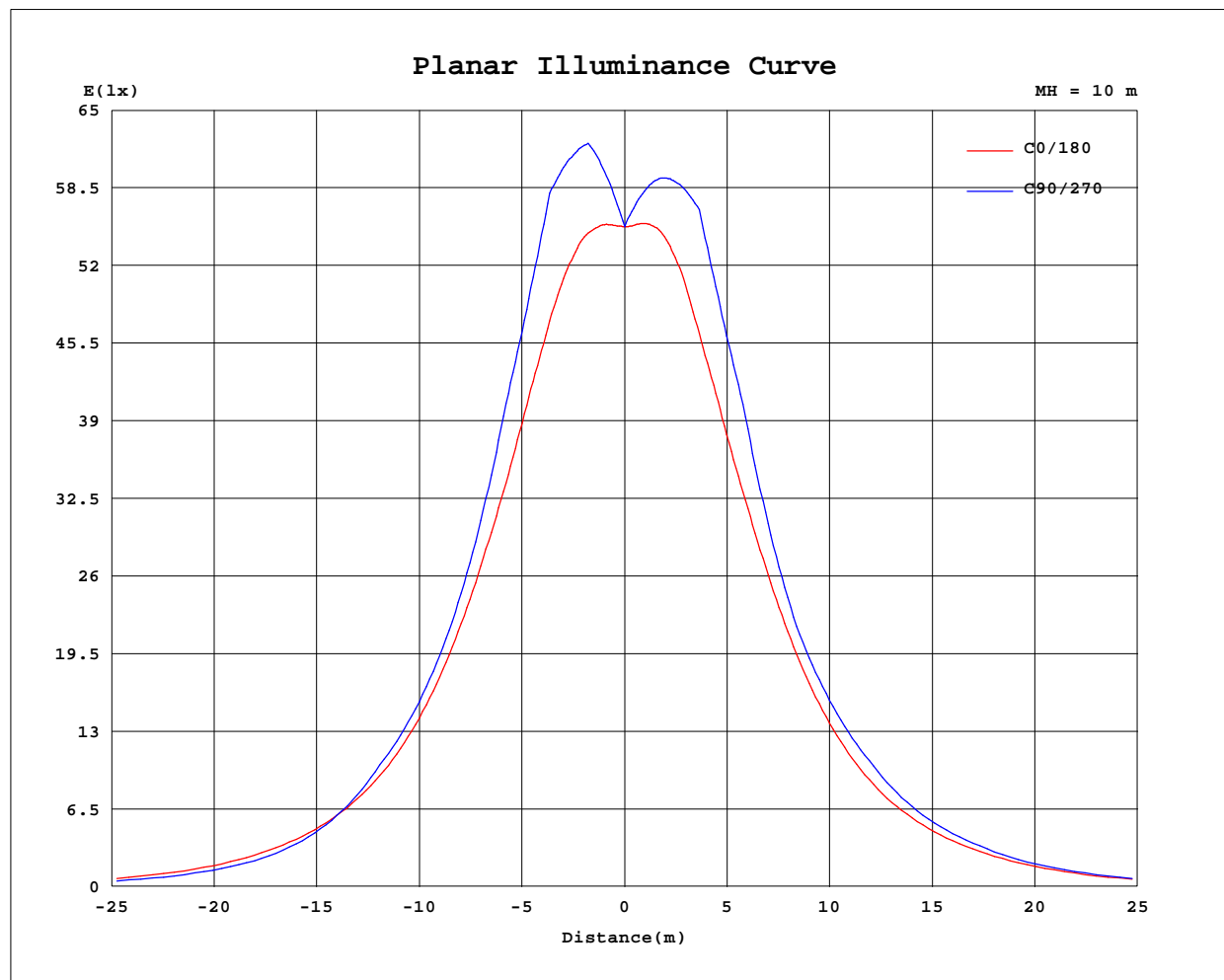


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |

Table--1

UNIT: cd

| H(°)\V(°) | -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 | 1.32 | 2.73 | 2.76 | 3.32 | 7.42 | 9.87 | 12.8 | 15.5 | 17.6 | 19.9 | 22.8 | 27.3 | 32.4 | 36.8 | 40.6 | 43.7 | 46.1 | 47.3 | 47.0 |
| -75 | 1.33 | 2.66 | 5.15 | 9.50 | 16.0 | 22.9 | 38.9 | 70.1 | 107 | 150 | 195 | 236 | 276 | 306 | 333 | 357 | 370 | 375 | 376 |
| -70 | 1.34 | 2.58 | 7.55 | 15.7 | 24.7 | 36.0 | 65.1 | 125 | 195 | 279 | 368 | 445 | 521 | 575 | 625 | 670 | 694 | 703 | 704 |
| -65 | 1.38 | 3.45 | 10.8 | 22.5 | 43.9 | 112 | 220 | 358 | 522 | 692 | 859 | 1002 | 1131 | 1239 | 1326 | 1378 | 1394 | 1398 | 1391 |
| -60 | 1.43 | 4.31 | 14.0 | 29.4 | 63.1 | 187 | 375 | 592 | 848 | 1105 | 1350 | 1560 | 1742 | 1903 | 2026 | 2086 | 2095 | 2093 | 2078 |
| -55 | 1.43 | 5.33 | 17.5 | 37.8 | 134 | 331 | 612 | 956 | 1313 | 1653 | 1975 | 2274 | 2542 | 2760 | 2915 | 2993 | 3011 | 2994 | 2963 |
| -50 | 1.44 | 6.35 | 20.9 | 46.1 | 205 | 475 | 848 | 1320 | 1777 | 2201 | 2601 | 2989 | 3341 | 3618 | 3803 | 3900 | 3928 | 3894 | 3849 |
| -45 | 1.48 | 6.84 | 24.1 | 84.6 | 319 | 679 | 1149 | 1682 | 2193 | 2686 | 3146 | 3571 | 3941 | 4231 | 4420 | 4514 | 4508 | 4446 | 4398 |
| -40 | 1.53 | 7.34 | 27.3 | 123 | 433 | 883 | 1450 | 2044 | 2610 | 3171 | 3691 | 4153 | 4540 | 4843 | 5036 | 5128 | 5089 | 4999 | 4946 |
| -35 | 1.53 | 7.80 | 29.9 | 170 | 555 | 1088 | 1735 | 2395 | 3012 | 3610 | 4159 | 4655 | 5076 | 5403 | 5633 | 5762 | 5745 | 5656 | 5589 |
| -30 | 1.54 | 8.25 | 32.6 | 218 | 677 | 1294 | 2020 | 2745 | 3414 | 4049 | 4627 | 5157 | 5612 | 5963 | 6230 | 6397 | 6401 | 6313 | 6232 |
| -25 | 1.56 | 8.92 | 36.4 | 278 | 790 | 1445 | 2225 | 2970 | 3667 | 4336 | 4950 | 5503 | 5969 | 6319 | 6583 | 6756 | 6777 | 6697 | 6618 |
| -20 | 1.59 | 9.58 | 40.1 | 339 | 902 | 1597 | 2431 | 3194 | 3920 | 4623 | 5273 | 5849 | 6326 | 6676 | 6936 | 7115 | 7153 | 7080 | 7005 |
| -15 | 1.57 | 9.59 | 43.5 | 362 | 940 | 1662 | 2474 | 3193 | 3885 | 4559 | 5168 | 5712 | 6154 | 6486 | 6731 | 6902 | 6926 | 6847 | 6761 |
| -10 | 1.55 | 9.60 | 46.8 | 385 | 977 | 1726 | 2517 | 3192 | 3850 | 4495 | 5063 | 5574 | 5982 | 6295 | 6525 | 6689 | 6700 | 6615 | 6518 |
| -5 | 1.55 | 10.8 | 52.4 | 401 | 981 | 1723 | 2453 | 3051 | 3619 | 4187 | 4696 | 5165 | 5537 | 5833 | 6056 | 6223 | 6222 | 6117 | 6024 |
| 0 | 1.54 | 11.9 | 57.9 | 418 | 984 | 1719 | 2389 | 2911 | 3388 | 3879 | 4330 | 4755 | 5093 | 5371 | 5586 | 5757 | 5744 | 5620 | 5530 |
| 5 | 1.54 | 12.2 | 55.9 | 405 | 988 | 1731 | 2438 | 3023 | 3566 | 4109 | 4591 | 5038 | 5394 | 5673 | 5888 | 6051 | 6054 | 5950 | 5873 |
| 10 | 1.54 | 12.4 | 53.9 | 393 | 992 | 1743 | 2487 | 3135 | 3745 | 4338 | 4851 | 5321 | 5696 | 5974 | 6190 | 6346 | 6364 | 6281 | 6216 |
| 15 | 1.54 | 12.5 | 49.9 | 375 | 960 | 1687 | 2467 | 3163 | 3824 | 4459 | 5029 | 5536 | 5950 | 6255 | 6484 | 6647 | 6669 | 6589 | 6527 |
| 20 | 1.54 | 12.6 | 45.9 | 357 | 928 | 1631 | 2447 | 3191 | 3904 | 4581 | 5206 | 5750 | 6204 | 6535 | 6779 | 6948 | 6973 | 6896 | 6837 |
| 25 | 1.54 | 11.5 | 40.8 | 300 | 829 | 1486 | 2259 | 2984 | 3671 | 4319 | 4920 | 5455 | 5910 | 6246 | 6490 | 6657 | 6676 | 6595 | 6532 |
| 30 | 1.54 | 10.3 | 35.7 | 243 | 731 | 1341 | 2071 | 2776 | 3439 | 4056 | 4634 | 5160 | 5615 | 5956 | 6201 | 6366 | 6378 | 6293 | 6227 |
| 35 | 1.54 | 9.58 | 32.7 | 194 | 604 | 1140 | 1792 | 2440 | 3068 | 3634 | 4156 | 4619 | 5014 | 5323 | 5542 | 5684 | 5684 | 5597 | 5538 |
| 40 | 1.54 | 8.85 | 29.6 | 145 | 478 | 938 | 1514 | 2103 | 2697 | 3212 | 3678 | 4079 | 4414 | 4690 | 4883 | 5002 | 4989 | 4900 | 4849 |
| 45 | 1.53 | 7.66 | 26.4 | 102 | 355 | 739 | 1238 | 1776 | 2309 | 2799 | 3256 | 3660 | 3993 | 4263 | 4449 | 4550 | 4543 | 4468 | 4420 |
| 50 | 1.53 | 6.46 | 23.2 | 59.1 | 233 | 541 | 962 | 1448 | 1922 | 2386 | 2834 | 3242 | 3572 | 3836 | 4015 | 4099 | 4097 | 4037 | 3992 |
| 55 | 1.53 | 5.64 | 20.3 | 45.7 | 161 | 385 | 701 | 1078 | 1483 | 1886 | 2272 | 2617 | 2912 | 3154 | 3324 | 3420 | 3445 | 3412 | 3377 |
| 60 | 1.53 | 4.81 | 17.4 | 32.3 | 89.5 | 230 | 440 | 707 | 1045 | 1386 | 1709 | 1992 | 2252 | 2471 | 2633 | 2742 | 2794 | 2787 | 2762 |
| 65 | 1.53 | 3.15 | 13.0 | 25.1 | 60.2 | 143 | 281 | 460 | 680 | 909 | 1133 | 1336 | 1519 | 1674 | 1797 | 1879 | 1918 | 1919 | 1906 |
| 70 | 1.54 | 1.50 | 8.58 | 18.0 | 31.0 | 56.7 | 122 | 213 | 316 | 432 | 557 | 679 | 785 | 877 | 962 | 1016 | 1042 | 1051 | 1049 |
| 75 | 1.54 | 1.45 | 5.61 | 11.8 | 20.4 | 36.1 | 72.4 | 122 | 178 | 243 | 315 | 382 | 441 | 492 | 540 | 570 | 585 | 591 | 591 |
| 80 | 1.54 | 1.39 | 2.64 | 5.63 | 9.86 | 15.4 | 22.9 | 31.4 | 39.3 | 54.9 | 72.5 | 85.4 | 96.4 | 106 | 117 | 124 | 129 | 131 | 132 |
| 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(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|-------------------|
| Test:U:220.4V I:1.825A P:398.9W PF:0.9921 Lamp Flux:32000x1 lm | | |
| NAME: STN-SR04 400W | TYPE: | WEIGHT: |
| SPEC.:STN-SR04 400W | DIM.: | SERIAL No.: |
| MFR.: Steckermann | SUR.: | PROTECTION ANGLE: |

Table--2

UNIT: cd

| H(°) \ V(°) | 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 | 47.5 | 47.6 | 46.1 | 43.4 | 40.0 | 35.5 | 30.3 | 25.6 | 22.4 | 19.8 | 17.1 | 14.0 | 11.1 | 8.63 | 4.77 | 3.44 | 3.37 | 1.30 | |
| -75 | 377 | 375 | 368 | 349 | 324 | 296 | 258 | 215 | 169 | 123 | 81.2 | 46.6 | 27.2 | 18.5 | 12.0 | 6.36 | 3.27 | 1.32 | |
| -70 | 706 | 703 | 689 | 654 | 608 | 557 | 485 | 404 | 316 | 226 | 145 | 79.3 | 43.2 | 28.3 | 19.3 | 9.28 | 3.16 | 1.34 | |
| -65 | 1400 | 1408 | 1404 | 1364 | 1287 | 1185 | 1059 | 916 | 752 | 574 | 397 | 247 | 129 | 52.6 | 24.9 | 13.5 | 4.74 | 1.36 | |
| -60 | 2094 | 2113 | 2118 | 2075 | 1966 | 1813 | 1633 | 1428 | 1188 | 921 | 649 | 414 | 215 | 76.9 | 30.4 | 17.7 | 6.33 | 1.38 | |
| -55 | 2993 | 3037 | 3043 | 2978 | 2835 | 2626 | 2367 | 2074 | 1759 | 1416 | 1049 | 685 | 382 | 161 | 47.3 | 21.3 | 6.96 | 1.39 | |
| -50 | 3892 | 3961 | 3969 | 3882 | 3703 | 3438 | 3100 | 2721 | 2329 | 1912 | 1448 | 957 | 549 | 245 | 64.1 | 24.8 | 7.60 | 1.40 | |
| -45 | 4452 | 4530 | 4556 | 4477 | 4295 | 4024 | 3668 | 3253 | 2803 | 2319 | 1811 | 1268 | 763 | 370 | 110 | 26.9 | 8.38 | 1.42 | |
| -40 | 5013 | 5098 | 5143 | 5072 | 4887 | 4610 | 4236 | 3784 | 3277 | 2727 | 2173 | 1580 | 976 | 494 | 155 | 29.0 | 9.15 | 1.44 | |
| -35 | 5657 | 5739 | 5778 | 5691 | 5487 | 5186 | 4781 | 4297 | 3757 | 3166 | 2559 | 1904 | 1228 | 657 | 217 | 32.7 | 10.1 | 1.46 | |
| -30 | 6301 | 6380 | 6414 | 6309 | 6087 | 5763 | 5326 | 4810 | 4236 | 3605 | 2944 | 2227 | 1480 | 820 | 279 | 36.3 | 11.1 | 1.47 | |
| -25 | 6682 | 6754 | 6781 | 6673 | 6445 | 6119 | 5678 | 5135 | 4519 | 3850 | 3145 | 2399 | 1614 | 914 | 332 | 43.1 | 11.3 | 1.48 | |
| -20 | 7063 | 7129 | 7149 | 7037 | 6804 | 6475 | 6030 | 5460 | 4802 | 4094 | 3346 | 2571 | 1749 | 1007 | 385 | 49.8 | 11.5 | 1.48 | |
| -15 | 6825 | 6898 | 6926 | 6834 | 6614 | 6300 | 5892 | 5359 | 4738 | 4064 | 3349 | 2615 | 1837 | 1065 | 426 | 57.9 | 11.9 | 1.48 | |
| -10 | 6587 | 6666 | 6704 | 6631 | 6425 | 6125 | 5754 | 5257 | 4674 | 4033 | 3352 | 2659 | 1926 | 1123 | 468 | 65.9 | 12.2 | 1.47 | |
| -5 | 6100 | 6200 | 6245 | 6173 | 5968 | 5668 | 5324 | 4865 | 4339 | 3774 | 3180 | 2559 | 1871 | 1102 | 471 | 76.2 | 13.0 | 1.45 | |
| 0 | 5612 | 5734 | 5787 | 5714 | 5510 | 5211 | 4893 | 4472 | 4005 | 3515 | 3008 | 2459 | 1815 | 1081 | 474 | 86.4 | 13.9 | 1.43 | |
| 5 | 5956 | 6066 | 6109 | 6034 | 5839 | 5555 | 5225 | 4786 | 4278 | 3733 | 3152 | 2562 | 1880 | 1103 | 474 | 82.7 | 14.5 | 1.44 | |
| 10 | 6300 | 6398 | 6431 | 6354 | 6168 | 5899 | 5557 | 5099 | 4551 | 3950 | 3296 | 2665 | 1945 | 1125 | 474 | 78.9 | 15.1 | 1.44 | |
| 15 | 6606 | 6691 | 6709 | 6623 | 6421 | 6132 | 5751 | 5248 | 4654 | 4009 | 3318 | 2631 | 1877 | 1070 | 441 | 69.1 | 14.9 | 1.44 | |
| 20 | 6912 | 6984 | 6986 | 6892 | 6675 | 6365 | 5945 | 5398 | 4756 | 4067 | 3340 | 2597 | 1809 | 1016 | 408 | 59.2 | 14.7 | 1.44 | |
| 25 | 6600 | 6680 | 6692 | 6591 | 6369 | 6058 | 5639 | 5104 | 4492 | 3834 | 3149 | 2438 | 1659 | 929 | 357 | 51.5 | 14.0 | 1.44 | |
| 30 | 6288 | 6377 | 6397 | 6289 | 6064 | 5751 | 5334 | 4810 | 4228 | 3601 | 2958 | 2278 | 1510 | 843 | 307 | 43.7 | 13.4 | 1.43 | |
| 35 | 5594 | 5683 | 5720 | 5631 | 5428 | 5143 | 4767 | 4298 | 3776 | 3213 | 2612 | 1966 | 1276 | 690 | 238 | 38.3 | 11.5 | 1.42 | |
| 40 | 4900 | 4989 | 5042 | 4974 | 4792 | 4535 | 4200 | 3787 | 3323 | 2824 | 2266 | 1654 | 1042 | 537 | 169 | 32.9 | 9.64 | 1.41 | |
| 45 | 4465 | 4544 | 4594 | 4529 | 4361 | 4110 | 3777 | 3376 | 2923 | 2449 | 1929 | 1366 | 832 | 407 | 122 | 29.5 | 8.28 | 1.40 | |
| 50 | 4031 | 4098 | 4145 | 4084 | 3931 | 3685 | 3354 | 2966 | 2523 | 2075 | 1593 | 1078 | 623 | 278 | 74.9 | 26.2 | 6.93 | 1.39 | |
| 55 | 3405 | 3451 | 3467 | 3395 | 3247 | 3018 | 2722 | 2387 | 2011 | 1611 | 1195 | 793 | 443 | 187 | 54.3 | 22.0 | 6.14 | 1.39 | |
| 60 | 2779 | 2803 | 2788 | 2707 | 2564 | 2351 | 2090 | 1809 | 1498 | 1147 | 798 | 509 | 262 | 97.2 | 33.7 | 17.9 | 5.36 | 1.39 | |
| 65 | 1914 | 1927 | 1914 | 1855 | 1753 | 1605 | 1421 | 1220 | 998 | 758 | 526 | 328 | 166 | 65.7 | 27.2 | 13.5 | 3.44 | 1.39 | |
| 70 | 1049 | 1050 | 1041 | 1004 | 942 | 858 | 751 | 631 | 497 | 370 | 254 | 148 | 70.7 | 34.1 | 20.8 | 9.21 | 1.52 | 1.39 | |
| 75 | 591 | 592 | 586 | 566 | 531 | 485 | 427 | 359 | 282 | 210 | 145 | 87.0 | 44.0 | 22.5 | 13.3 | 5.96 | 1.38 | 1.39 | |
| 80 | 133 | 134 | 131 | 127 | 120 | 112 | 102 | 86.2 | 66.8 | 49.7 | 36.8 | 26.1 | 17.3 | 10.9 | 5.72 | 2.71 | 1.25 | 1.39 | |
| 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(h) Range:-90 - 90DEG
H(h) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2013-07-03

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.284
Humidity:65.0%
Test Distance:7.030m [K=1.0000]
Remarks: