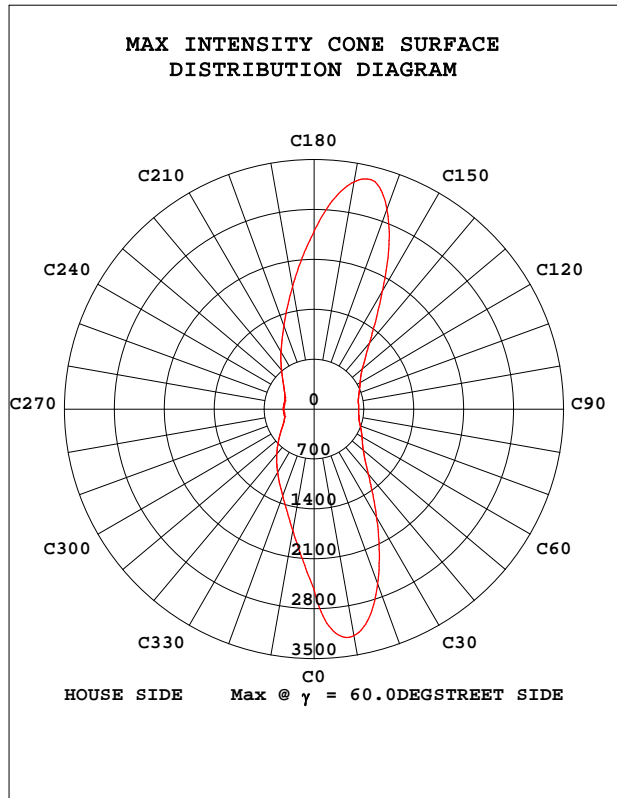
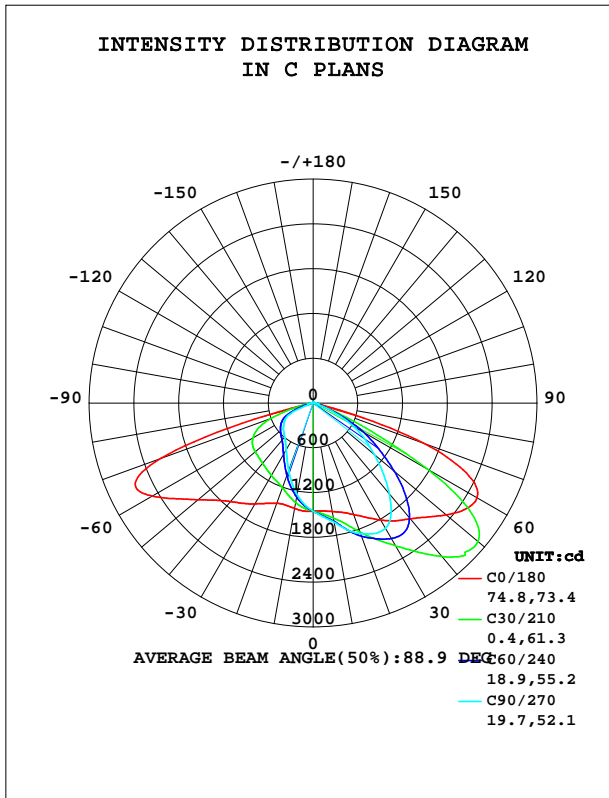


STREETLIGHT PHOTOMETRIC TEST REPORT

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | URchno Iogy Co.Ltd | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 143.75 lm/W | | | |
|------------------|------------|-----------------------------------|----------|------------------|---------|
| MODEL | RY-A 6000K | I _{max} (cd) | 3307 | η street_up(%) | 0.3 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | η street_down(%) | 61.8 |
| RATED VOLTAGE(V) | 11.9 | TOTAL FLUX(lm) | 5750 | η house_up(%) | 0.3 |
| NOMINAL FLUX(lm) | 5749.99 | MAXIMUM @(C,γ) | 165,60.0 | η house_down(%) | 37.6 |
| LAMPS INSIDE | 1 | η up(%) | 0.6 | 76 FLASHAREA(m2) | 0.00100 |
| TEST VOLTAGE(V) | 11.9 | η down(%) | 99.4 | SLI | 16.130 |



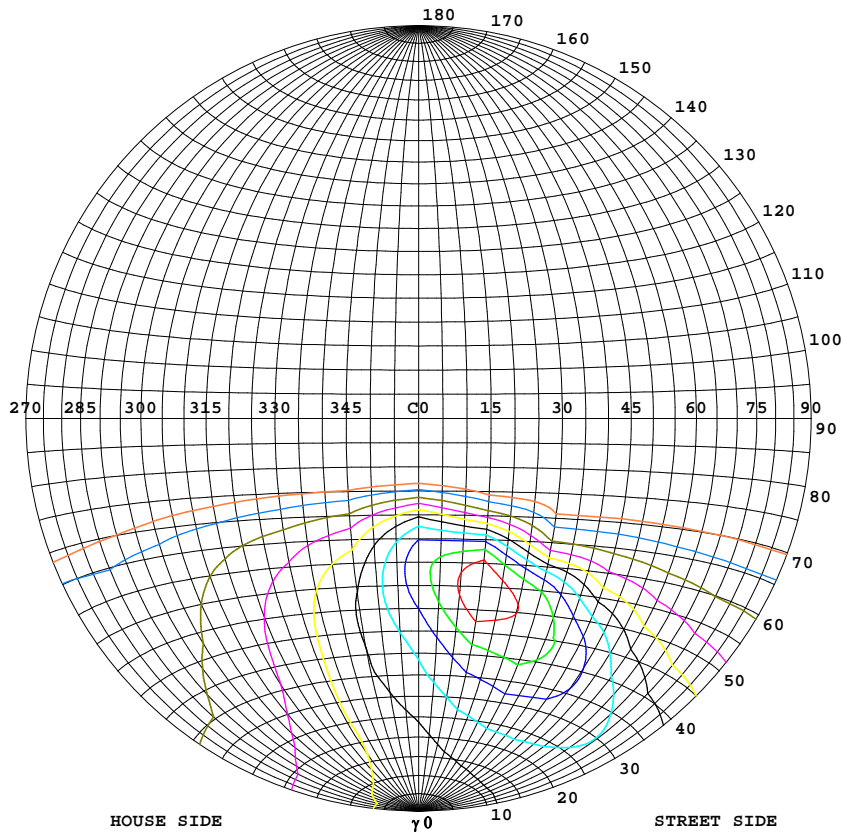
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | URchno Iogy Co.Ltd | Shielding Angle: |



Classification:

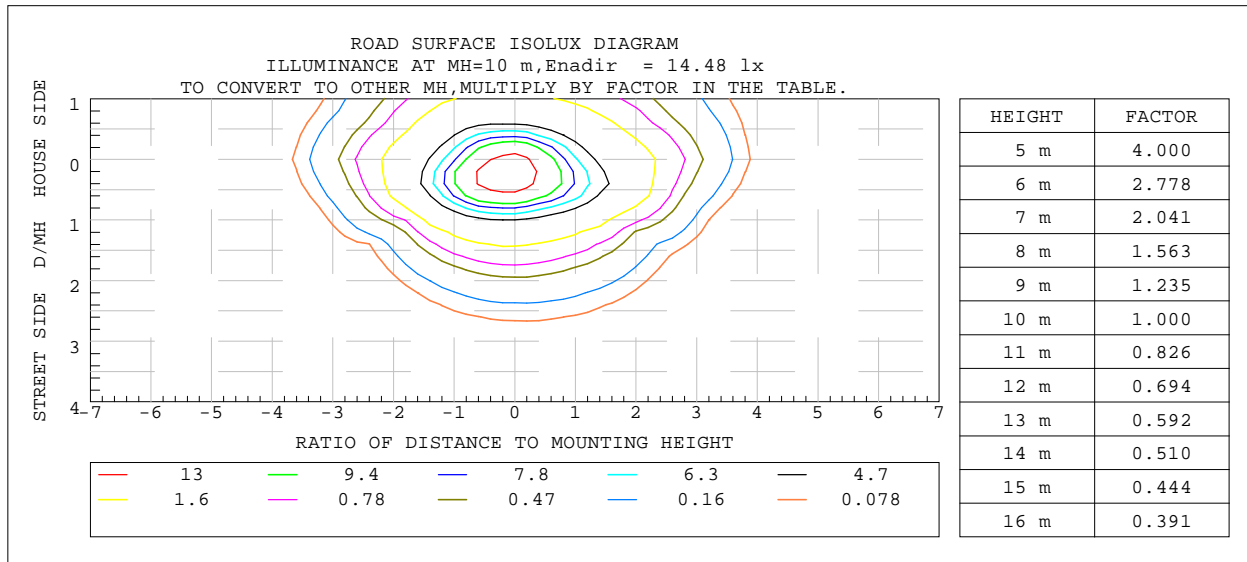
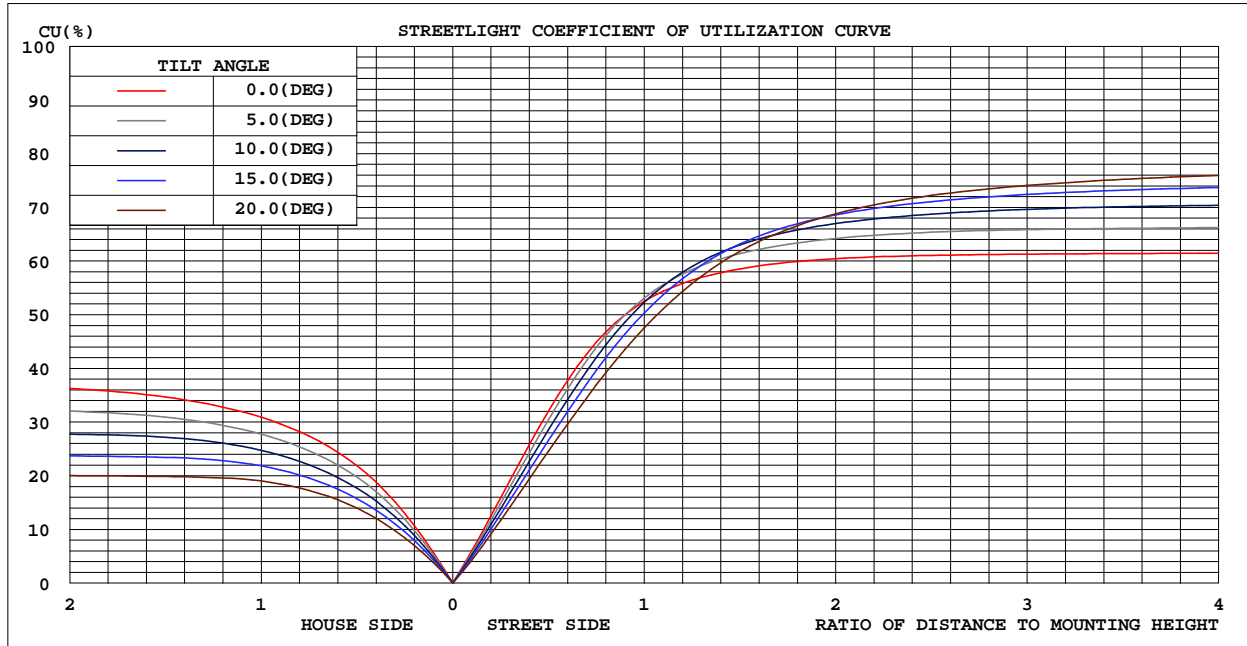
IES:Type I - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:18.13cd/klm
 Max.At90:4.099cd/klm
 Max.80-90:18.13cd/klm

| ISOCANDELA DIAGRAM | |
|--------------------|------|
| UNIT | cd |
| Imax=100% | 3307 |
| 90% | 2976 |
| 80% | 2645 |
| 70% | 2315 |
| 60% | 1984 |
| 50% | 1653 |
| 40% | 1323 |
| 30% | 992 |
| 20% | 661 |
| 10% | 331 |
| 5% | 165 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2016-11-16

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.279
Humidity: 65.0%
Test Distance: 8.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronicS | URchno Iogy Co.Ltd | Shielding Angle: |

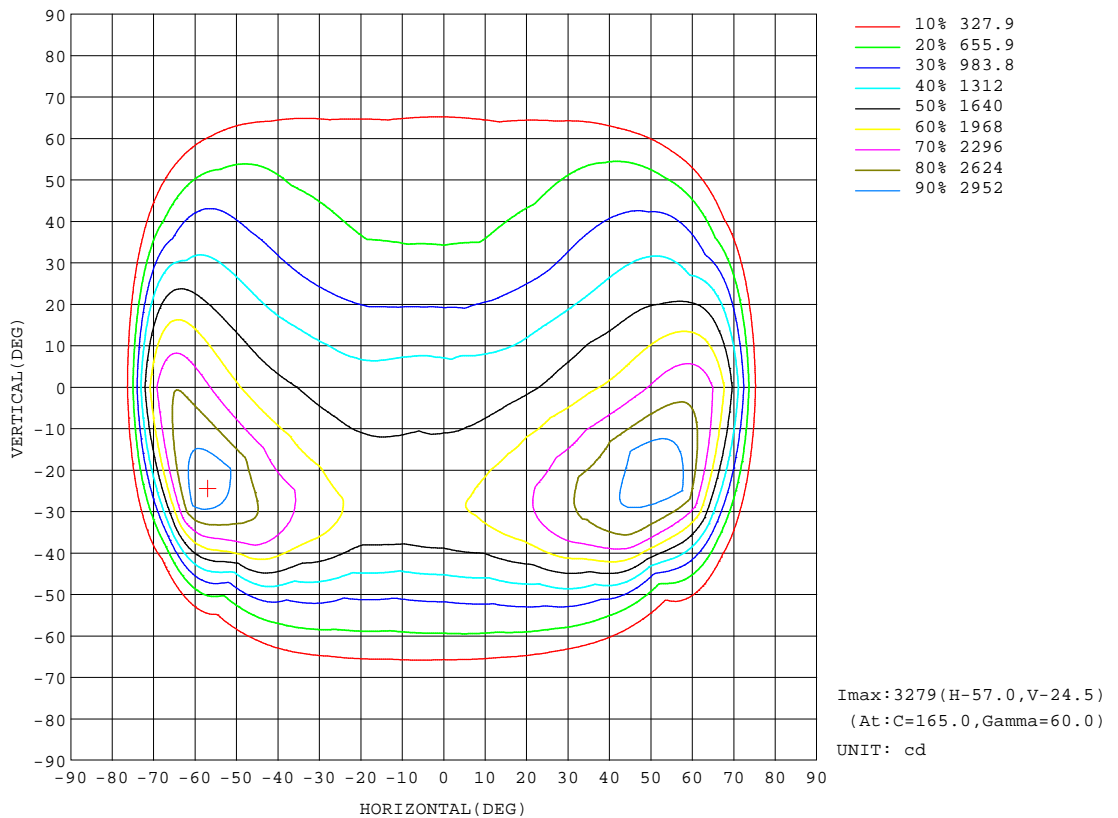
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | lum |
|-----|-----------------------|-------|--------|-------|-------|--------|--------|--------|---------|---------|---------|------|
| 5 | 1452 | 1506 | 1529 | 1507 | 1453 | 1394 | 1362 | 1389 | 0- 5 | 34.66 | 34.66 | 0.60 |
| 10 | 1476 | 1591 | 1623 | 1558 | 1434 | 1314 | 1244 | 1322 | 5- 10 | 103.6 | 138.2 | 2.4 |
| 15 | 1517 | 1727 | 1755 | 1617 | 1416 | 1213 | 1107 | 1248 | 10- 15 | 171.7 | 309.9 | 5.39 |
| 20 | 1589 | 1890 | 1861 | 1695 | 1430 | 1105 | 962.9 | 1178 | 15- 20 | 240.3 | 550.2 | 9.57 |
| 25 | 1689 | 2041 | 1928 | 1760 | 1484 | 1007 | 829.3 | 1119 | 20- 25 | 309.3 | 859.5 | 14.9 |
| 30 | 1810 | 2210 | 1937 | 1845 | 1560 | 920.2 | 726.1 | 1057 | 25- 30 | 378.9 | 1238 | 21.5 |
| 35 | 1927 | 2376 | 1820 | 1954 | 1640 | 848.4 | 647.5 | 1002 | 30- 35 | 447.0 | 1685 | 29.3 |
| 40 | 2026 | 2471 | 1590 | 2033 | 1723 | 794.4 | 596.7 | 962.3 | 35- 40 | 509.4 | 2195 | 38.2 |
| 45 | 2161 | 2396 | 1330 | 2002 | 1842 | 758.4 | 559.1 | 929.7 | 40- 45 | 562.2 | 2757 | 47.9 |
| 50 | 2329 | 2076 | 1070 | 1794 | 2016 | 727.1 | 521.3 | 881.8 | 45- 50 | 601.8 | 3359 | 58.4 |
| 55 | 2483 | 1551 | 850.2 | 1430 | 2236 | 684.8 | 480.5 | 812.9 | 50- 55 | 620.3 | 3979 | 69.2 |
| 60 | 2535 | 1015 | 626.9 | 1020 | 2491 | 630.5 | 434.2 | 725.8 | 55- 60 | 602.6 | 4582 | 79.7 |
| 65 | 2302 | 556.6 | 367.5 | 679.8 | 2628 | 539.5 | 334.9 | 586.3 | 60- 65 | 523.0 | 5105 | 88.8 |
| 70 | 1577 | 195.5 | 155.3 | 313.3 | 2168 | 373.5 | 88.10 | 319.4 | 65- 70 | 366.2 | 5471 | 95.1 |
| 75 | 373.8 | 76.96 | 69.34 | 95.34 | 654.3 | 157.6 | 70.73 | 112.3 | 70- 75 | 164.1 | 5635 | 98 |
| 80 | 40.09 | 57.95 | 55.73 | 61.95 | 46.76 | 68.18 | 62.38 | 55.15 | 75- 80 | 47.76 | 5683 | 98.8 |
| 85 | 20.60 | 41.09 | 29.96 | 46.74 | 21.39 | 22.54 | 30.00 | 17.84 | 80- 85 | 22.71 | 5706 | 99.2 |
| 90 | 9.610 | 10.56 | 0.6690 | 12.75 | 9.012 | 7.508 | 2.227 | 6.290 | 85- 90 | 9.971 | 5716 | 99.4 |
| 95 | 6.860 | 1.560 | 0.8271 | 2.580 | 5.870 | 0.8783 | 0.5943 | 0.9259 | 90- 95 | 2.890 | 5718 | 99.5 |
| 100 | 5.349 | 2.055 | 1.159 | 2.057 | 3.462 | 1.404 | 0.9304 | 1.517 | 95-100 | 1.134 | 5720 | 99.5 |
| 105 | 6.673 | 2.611 | 1.523 | 2.725 | 4.724 | 2.468 | 1.442 | 2.487 | 100-105 | 1.431 | 5721 | 99.5 |
| 110 | 7.563 | 3.135 | 1.916 | 3.402 | 5.962 | 3.806 | 2.097 | 3.649 | 105-110 | 1.854 | 5723 | 99.5 |
| 115 | 8.224 | 3.602 | 2.343 | 4.031 | 6.980 | 5.161 | 2.890 | 4.765 | 110-115 | 2.217 | 5725 | 99.6 |
| 120 | 8.548 | 4.045 | 2.777 | 4.622 | 7.623 | 6.273 | 3.839 | 5.658 | 115-120 | 2.483 | 5728 | 99.6 |
| 125 | 8.657 | 4.487 | 3.226 | 5.087 | 8.032 | 7.194 | 4.867 | 6.485 | 120-125 | 2.655 | 5730 | 99.7 |
| 130 | 8.691 | 4.881 | 3.661 | 5.430 | 8.257 | 7.933 | 5.919 | 7.284 | 125-130 | 2.736 | 5733 | 99.7 |
| 135 | 8.687 | 5.218 | 4.103 | 5.679 | 8.565 | 8.299 | 6.879 | 8.007 | 130-135 | 2.723 | 5736 | 99.8 |
| 140 | 8.479 | 5.547 | 4.538 | 5.850 | 9.021 | 8.405 | 7.660 | 8.652 | 135-140 | 2.620 | 5738 | 99.8 |
| 145 | 8.159 | 5.888 | 5.021 | 6.082 | 9.262 | 8.624 | 8.319 | 9.064 | 140-145 | 2.459 | 5741 | 99.8 |
| 150 | 7.938 | 6.278 | 5.574 | 6.396 | 9.264 | 9.038 | 8.786 | 9.239 | 145-150 | 2.257 | 5743 | 99.9 |
| 155 | 7.870 | 6.684 | 6.126 | 6.829 | 9.168 | 9.574 | 9.039 | 9.293 | 150-155 | 2.008 | 5745 | 99.9 |
| 160 | 7.897 | 7.070 | 6.729 | 7.213 | 9.139 | 9.883 | 9.294 | 9.215 | 155-160 | 1.717 | 5747 | 99.9 |
| 165 | 8.040 | 7.484 | 7.368 | 7.608 | 9.146 | 10.03 | 9.626 | 9.219 | 160-165 | 1.389 | 5748 | 100 |
| 170 | 8.229 | 7.959 | 8.010 | 8.098 | 9.132 | 9.957 | 9.911 | 9.288 | 165-170 | 1.029 | 5749 | 100 |
| 175 | 8.503 | 8.422 | 8.669 | 8.599 | 9.020 | 9.547 | 9.764 | 9.260 | 170-175 | 0.6346 | 5750 | 100 |
| 180 | 8.762 | 8.897 | 9.154 | 8.909 | 8.877 | 9.047 | 9.297 | 8.987 | 175-180 | 0.2140 | 5750 | 100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

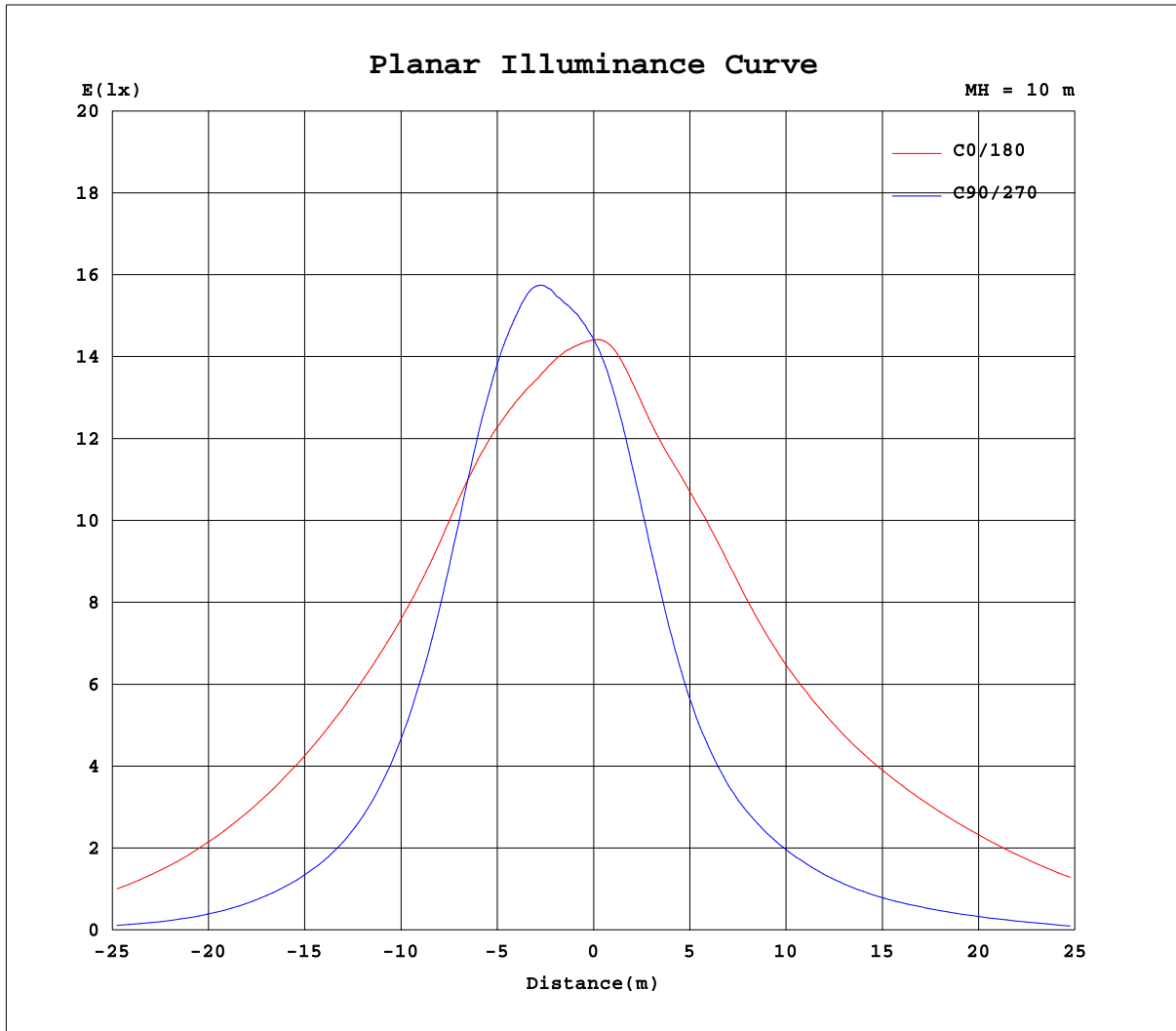
| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | URchno Iogy Co.Ltd | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

Planar Illuminance Curve



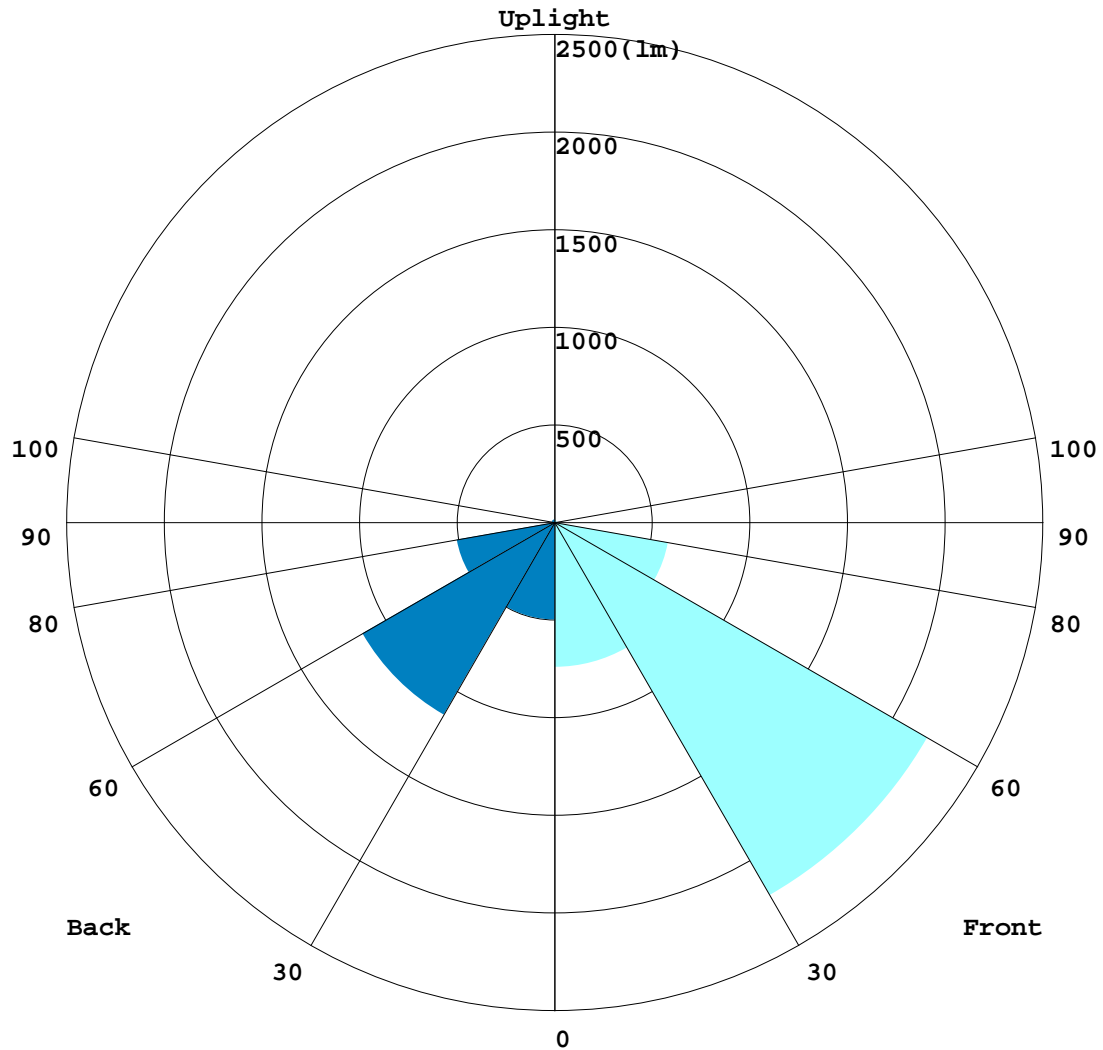
C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity: 65.0%
 Test Distance: 8.000m [K=1.0000]
 Remarks:

LCS REPORT

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | SWARNO Iogy Co.Ltd | Shielding Angle: |

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

BUG REPORT

| | | |
|--|---------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | SWAchno Iogy Co.Ltd | Shielding Angle: |

IESNA Luminaire Flux Distribution Table:

| Zone | Lumens | Luminaire % |
|------------------------------|--------|-------------|
| FL - Front-Low(0-30) | 740.81 | 12.9 |
| FM - Front-Medium(30-60) | 2205.1 | 38.3 |
| FH - Front-High(60-80) | 590.76 | 10.3 |
| FVH - Front-Very High(80-90) | 17.131 | 0.3 |
| Total Forward Light | 3569.9 | 62.1 |

| | | |
|-----------------------------|--------|------|
| BL - Back-Low(0-30) | 497.6 | 8.7 |
| BM - Back-Medium(30-60) | 1138.3 | 19.8 |
| BH - Back-High(60-80) | 510.29 | 8.9 |
| BVH - Back-Very High(80-90) | 15.549 | 0.3 |
| Total Back Light | 2180 | 37.9 |

| | | |
|----------------------------|--------|-----|
| UL - Uplight-Low(90-100) | 4.0238 | 0.1 |
| UH - Uplight-High(100-180) | 30.426 | 0.5 |
| Total Up Light | 34.45 | 0.6 |

| | |
|---------------------------|----------|
| BUG(Back,Up,Glare) Rating | B2-U2-G2 |
|---------------------------|----------|

| Zone | Downward Lumens | Upward Lumens | Total Lumens |
|-------------|--------------------|------------------|-----------------|
| House Side | 2161.7 | 18.317 | 2180 |
| Street Side | 3553.8 | 16.133 | 3569.9 |

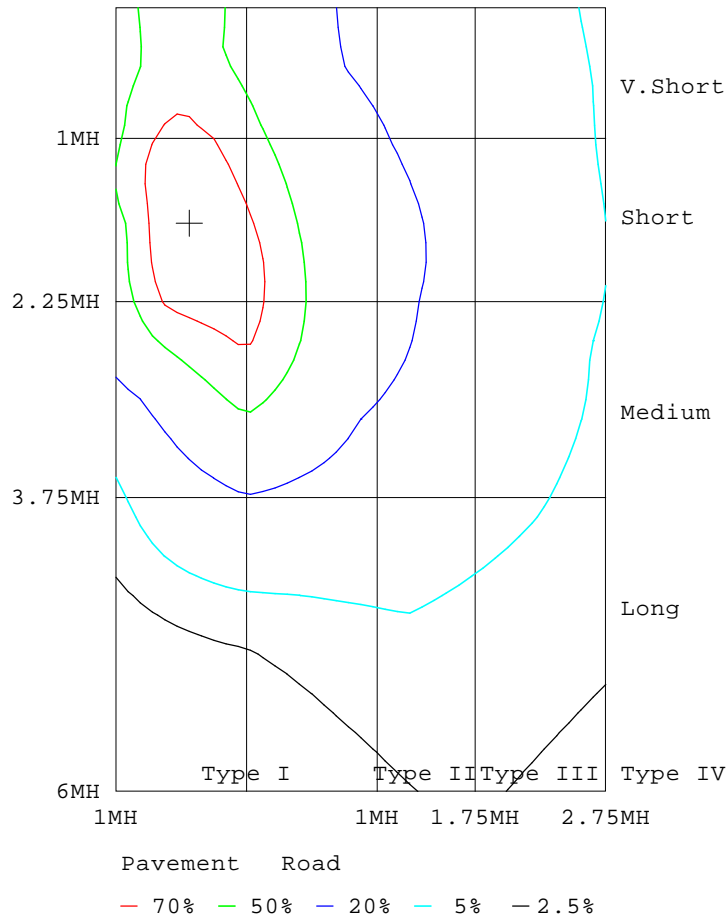
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
Humidity:65.0%
Test Distance:8.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | URchno Iogy Co.Ltd | Shielding Angle: |

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|---------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | SW:chno Iogy Co.Ltd | Shielding Angle: |

Table--1

UNIT: cd

| C(DEG) γ (DEG) | 0 | 15 | 30 | 45 | 60 | 75 | 90 | 105 | 120 | 135 | 150 | 165 | 180 | 195 | 210 | 225 | 240 | 255 | 270 |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 | 1449 |
| 5 | 1452 | 1474 | 1492 | 1506 | 1518 | 1525 | 1529 | 1527 | 1521 | 1507 | 1491 | 1473 | 1453 | 1434 | 1414 | 1394 | 1378 | 1366 | 1362 |
| 10 | 1476 | 1525 | 1565 | 1591 | 1610 | 1617 | 1623 | 1614 | 1593 | 1558 | 1518 | 1477 | 1434 | 1396 | 1355 | 1314 | 1281 | 1254 | 1244 |
| 15 | 1517 | 1601 | 1673 | 1727 | 1754 | 1754 | 1755 | 1739 | 1689 | 1617 | 1543 | 1479 | 1416 | 1352 | 1281 | 1213 | 1161 | 1122 | 1107 |
| 20 | 1589 | 1730 | 1837 | 1890 | 1898 | 1873 | 1861 | 1843 | 1775 | 1695 | 1612 | 1521 | 1430 | 1321 | 1208 | 1105 | 1032 | 983 | 963 |
| 25 | 1689 | 1891 | 2018 | 2041 | 2005 | 1951 | 1928 | 1899 | 1818 | 1760 | 1707 | 1613 | 1484 | 1322 | 1157 | 1007 | 907 | 852 | 829 |
| 30 | 1810 | 2054 | 2208 | 2210 | 2095 | 1984 | 1937 | 1909 | 1846 | 1845 | 1823 | 1720 | 1560 | 1347 | 1121 | 920 | 797 | 746 | 726 |
| 35 | 1927 | 2244 | 2437 | 2376 | 2121 | 1909 | 1820 | 1814 | 1825 | 1954 | 1977 | 1848 | 1640 | 1374 | 1085 | 848 | 711 | 663 | 648 |
| 40 | 2026 | 2487 | 2683 | 2471 | 2011 | 1698 | 1590 | 1595 | 1712 | 2033 | 2181 | 2031 | 1723 | 1394 | 1055 | 794 | 650 | 607 | 597 |
| 45 | 2161 | 2789 | 2884 | 2396 | 1755 | 1428 | 1330 | 1340 | 1500 | 2002 | 2406 | 2288 | 1842 | 1417 | 1031 | 758 | 610 | 567 | 559 |
| 50 | 2329 | 3092 | 2883 | 2076 | 1419 | 1146 | 1070 | 1083 | 1244 | 1794 | 2570 | 2638 | 2016 | 1456 | 1015 | 727 | 574 | 526 | 521 |
| 55 | 2483 | 3238 | 2603 | 1551 | 1075 | 905 | 850 | 857 | 971 | 1430 | 2502 | 3046 | 2236 | 1480 | 992 | 685 | 533 | 481 | 481 |
| 60 | 2535 | 3015 | 1757 | 1015 | 778 | 658 | 627 | 646 | 748 | 1020 | 1915 | 3307 | 2491 | 1470 | 933 | 631 | 480 | 429 | 434 |
| 65 | 2302 | 2194 | 708 | 557 | 443 | 377 | 368 | 396 | 490 | 680 | 1002 | 2887 | 2628 | 1358 | 819 | 540 | 398 | 334 | 335 |
| 70 | 1577 | 889 | 206 | 195 | 174 | 162 | 155 | 179 | 226 | 313 | 381 | 1356 | 2168 | 1003 | 594 | 374 | 243 | 161 | 88.1 |
| 75 | 374 | 113 | 74.6 | 77.0 | 87.1 | 67.5 | 69.3 | 65.2 | 94.0 | 95.3 | 99.5 | 163 | 654 | 407 | 275 | 158 | 98.3 | 56.6 | 70.7 |
| 80 | 40.1 | 42.3 | 45.1 | 58.0 | 63.7 | 43.5 | 55.7 | 44.1 | 64.2 | 62.0 | 49.0 | 50.6 | 46.8 | 104 | 87.1 | 68.2 | 55.4 | 42.7 | 62.4 |
| 85 | 20.6 | 28.1 | 34.9 | 41.1 | 30.8 | 24.9 | 30.0 | 25.9 | 34.1 | 46.7 | 36.9 | 34.7 | 21.4 | 44.5 | 27.9 | 22.5 | 24.3 | 26.7 | 30.0 |
| 90 | 9.61 | 15.6 | 13.5 | 10.6 | 7.89 | 8.28 | 0.67 | 9.36 | 9.31 | 12.8 | 17.8 | 23.6 | 9.01 | 10.7 | 9.95 | 7.51 | 6.35 | 3.76 | 2.23 |
| 95 | 6.86 | 4.94 | 2.91 | 1.56 | 1.52 | 1.71 | 0.83 | 1.99 | 1.79 | 2.58 | 4.36 | 6.10 | 5.87 | 5.69 | 3.47 | 0.88 | 0.70 | 0.60 | 0.59 |
| 100 | 5.35 | 4.38 | 2.86 | 2.06 | 1.51 | 1.28 | 1.16 | 1.28 | 1.52 | 2.06 | 2.90 | 4.14 | 3.46 | 3.27 | 2.38 | 1.40 | 1.11 | 0.95 | 0.93 |
| 105 | 6.67 | 5.48 | 3.63 | 2.61 | 1.93 | 1.65 | 1.52 | 1.68 | 2.02 | 2.73 | 3.88 | 5.45 | 4.72 | 4.70 | 3.81 | 2.47 | 1.75 | 1.49 | 1.44 |
| 110 | 7.56 | 6.37 | 4.30 | 3.13 | 2.38 | 2.04 | 1.92 | 2.10 | 2.54 | 3.40 | 4.80 | 6.67 | 5.96 | 6.10 | 5.35 | 3.81 | 2.66 | 2.20 | 2.10 |
| 115 | 8.22 | 6.86 | 4.82 | 3.60 | 2.81 | 2.47 | 2.34 | 2.56 | 3.06 | 4.03 | 5.59 | 7.69 | 6.98 | 7.23 | 6.57 | 5.16 | 3.71 | 3.08 | 2.89 |
| 120 | 8.55 | 7.19 | 5.26 | 4.04 | 3.25 | 2.89 | 2.78 | 3.05 | 3.55 | 4.62 | 6.25 | 8.35 | 7.62 | 7.90 | 7.52 | 6.27 | 4.85 | 4.13 | 3.84 |
| 125 | 8.66 | 7.50 | 5.62 | 4.49 | 3.68 | 3.34 | 3.23 | 3.53 | 3.97 | 5.09 | 6.75 | 8.73 | 8.03 | 8.25 | 8.11 | 7.19 | 5.94 | 5.28 | 4.87 |
| 130 | 8.69 | 7.64 | 5.90 | 4.88 | 4.14 | 3.77 | 3.66 | 4.01 | 4.38 | 5.43 | 6.98 | 8.75 | 8.26 | 8.29 | 8.36 | 7.93 | 6.94 | 6.39 | 5.92 |
| 135 | 8.69 | 7.55 | 6.10 | 5.22 | 4.52 | 4.17 | 4.10 | 4.43 | 4.82 | 5.68 | 7.01 | 8.49 | 8.56 | 8.37 | 8.32 | 8.30 | 7.81 | 7.36 | 6.88 |
| 140 | 8.48 | 7.32 | 6.21 | 5.55 | 4.93 | 4.58 | 4.54 | 4.87 | 5.22 | 5.85 | 6.92 | 8.07 | 9.02 | 8.69 | 8.28 | 8.41 | 8.45 | 8.12 | 7.66 |
| 145 | 8.16 | 7.22 | 6.37 | 5.89 | 5.36 | 5.05 | 5.02 | 5.28 | 5.60 | 6.08 | 6.89 | 7.82 | 9.26 | 9.23 | 8.56 | 8.62 | 8.91 | 8.67 | 8.32 |
| 150 | 7.94 | 7.24 | 6.62 | 6.28 | 5.82 | 5.57 | 5.57 | 5.78 | 6.03 | 6.40 | 6.98 | 7.80 | 9.26 | 9.64 | 9.21 | 9.04 | 9.13 | 8.97 | 8.79 |
| 155 | 7.87 | 7.37 | 6.90 | 6.68 | 6.28 | 6.11 | 6.13 | 6.33 | 6.52 | 6.83 | 7.23 | 7.89 | 9.17 | 9.77 | 9.70 | 9.57 | 9.38 | 9.19 | 9.04 |
| 160 | 7.90 | 7.59 | 7.25 | 7.07 | 6.76 | 6.71 | 6.73 | 6.87 | 6.95 | 7.21 | 7.51 | 8.05 | 9.14 | 9.71 | 9.84 | 9.88 | 9.69 | 9.48 | 9.29 |
| 165 | 8.04 | 7.85 | 7.59 | 7.48 | 7.29 | 7.32 | 7.37 | 7.44 | 7.45 | 7.61 | 7.80 | 8.22 | 9.15 | 9.60 | 9.74 | 10.0 | 10.0 | 9.82 | 9.63 |
| 170 | 8.23 | 8.14 | 7.96 | 7.96 | 7.84 | 7.93 | 8.01 | 8.09 | 8.05 | 8.10 | 8.19 | 8.40 | 9.13 | 9.44 | 9.54 | 9.96 | 10.0 | 9.97 | 9.91 |
| 175 | 8.50 | 8.47 | 8.31 | 8.42 | 8.41 | 8.56 | 8.67 | 8.71 | 8.63 | 8.60 | 8.52 | 8.56 | 9.02 | 9.18 | 9.18 | 9.55 | 9.65 | 9.82 | 9.76 |
| 180 | 8.76 | 8.72 | 8.65 | 8.90 | 8.94 | 9.13 | 9.15 | 9.13 | 9.01 | 8.91 | 8.76 | 8.68 | 8.88 | 8.92 | 8.78 | 9.05 | 9.13 | 9.31 | 9.30 |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------------|------------------|
| Test:U:11.90V I:3.400A P:40.00W PF:0.9680 Lamp Flux:5749.99x1 lm | | |
| NAME: | TYPE: | WEIGHT:4 |
| SPEC.:SCT-32B | DIM.: | SERIAL No.: |
| MFR.: Shen Zhen Xing Sheng Yang Opto-elec tronics | URchno Iogy Co.Ltd | Shielding Angle: |

Table--2

UNIT: cd

| C(DEG) γ (DEG) | 285 | 300 | 315 | 330 | 345 | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 1449 | 1449 | 1449 | 1449 | 1449 | | | | | | | | | | | | | | |
| 5 | 1363 | 1373 | 1389 | 1409 | 1431 | | | | | | | | | | | | | | |
| 10 | 1250 | 1280 | 1322 | 1373 | 1427 | | | | | | | | | | | | | | |
| 15 | 1119 | 1173 | 1248 | 1338 | 1432 | | | | | | | | | | | | | | |
| 20 | 983 | 1061 | 1178 | 1315 | 1460 | | | | | | | | | | | | | | |
| 25 | 855 | 954 | 1119 | 1311 | 1508 | | | | | | | | | | | | | | |
| 30 | 751 | 859 | 1057 | 1307 | 1564 | | | | | | | | | | | | | | |
| 35 | 673 | 784 | 1002 | 1294 | 1627 | | | | | | | | | | | | | | |
| 40 | 619 | 730 | 962 | 1281 | 1656 | | | | | | | | | | | | | | |
| 45 | 576 | 685 | 930 | 1266 | 1682 | | | | | | | | | | | | | | |
| 50 | 531 | 635 | 882 | 1231 | 1691 | | | | | | | | | | | | | | |
| 55 | 486 | 582 | 813 | 1155 | 1639 | | | | | | | | | | | | | | |
| 60 | 431 | 520 | 726 | 1027 | 1479 | | | | | | | | | | | | | | |
| 65 | 323 | 407 | 586 | 824 | 1190 | | | | | | | | | | | | | | |
| 70 | 146 | 214 | 319 | 473 | 711 | | | | | | | | | | | | | | |
| 75 | 56.5 | 85.6 | 112 | 145 | 175 | | | | | | | | | | | | | | |
| 80 | 42.8 | 54.4 | 55.2 | 49.2 | 53.2 | | | | | | | | | | | | | | |
| 85 | 24.0 | 23.4 | 17.8 | 21.1 | 30.2 | | | | | | | | | | | | | | |
| 90 | 3.76 | 5.23 | 6.29 | 8.56 | 9.34 | | | | | | | | | | | | | | |
| 95 | 0.63 | 0.75 | 0.93 | 1.85 | 4.04 | | | | | | | | | | | | | | |
| 100 | 0.96 | 1.15 | 1.52 | 2.67 | 3.84 | | | | | | | | | | | | | | |
| 105 | 1.48 | 1.76 | 2.49 | 4.06 | 5.19 | | | | | | | | | | | | | | |
| 110 | 2.16 | 2.56 | 3.65 | 5.36 | 6.26 | | | | | | | | | | | | | | |
| 115 | 2.98 | 3.48 | 4.76 | 6.29 | 7.06 | | | | | | | | | | | | | | |
| 120 | 3.94 | 4.50 | 5.66 | 7.02 | 7.57 | | | | | | | | | | | | | | |
| 125 | 4.97 | 5.49 | 6.49 | 7.68 | 8.03 | | | | | | | | | | | | | | |
| 130 | 6.00 | 6.47 | 7.28 | 8.27 | 8.52 | | | | | | | | | | | | | | |
| 135 | 6.92 | 7.38 | 8.01 | 8.72 | 8.71 | | | | | | | | | | | | | | |
| 140 | 7.67 | 8.15 | 8.65 | 9.02 | 8.71 | | | | | | | | | | | | | | |
| 145 | 8.30 | 8.77 | 9.06 | 9.24 | 8.85 | | | | | | | | | | | | | | |
| 150 | 8.77 | 9.10 | 9.24 | 9.26 | 8.97 | | | | | | | | | | | | | | |
| 155 | 8.97 | 9.21 | 9.29 | 9.26 | 8.94 | | | | | | | | | | | | | | |
| 160 | 9.20 | 9.15 | 9.22 | 9.17 | 8.88 | | | | | | | | | | | | | | |
| 165 | 9.49 | 9.24 | 9.22 | 9.14 | 8.85 | | | | | | | | | | | | | | |
| 170 | 9.64 | 9.38 | 9.29 | 9.05 | 8.79 | | | | | | | | | | | | | | |
| 175 | 9.61 | 9.31 | 9.26 | 9.00 | 8.76 | | | | | | | | | | | | | | |
| 180 | 9.24 | 8.98 | 8.99 | 8.82 | 8.69 | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2016-11-16

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.279
 Humidity:65.0%
 Test Distance:8.000m [K=1.0000]
 Remarks: