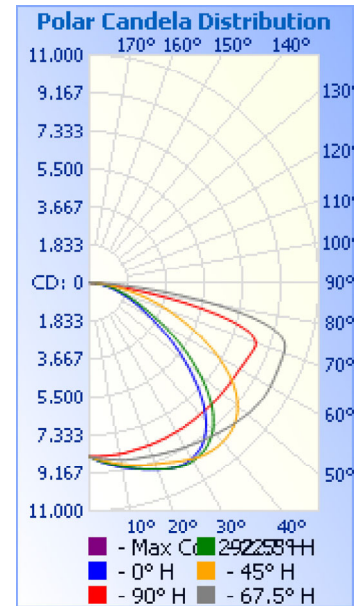


Photometrics Pro

Luminaire Photometric Report

Filename: Shoebox SB7 240W T3 - 277V
Manufacturer: SARIN Energy Inc
Luminaire: SES-SB7-4000-240-T3-277V
Lamp Output: 1 lamp, rated Lumens/lamp: 32122.9
Max Candela: 10,230.1 at Horizontal: 292.5°, Vertical: 73°
Input Wattage: 230.87
Luminous Opening: Point
Test Lab: Belling Test Laboratory Co., LTD
Photometry : Type C
Nema Type: 7 X 7



Roadway Summary

| | | |
|------------------------|------------------|--------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | TYPE III, MEDIUM | |
| Max Cd, 90 Deg Vert: | 92.8 | |
| Max Cd, 80 to <90 Deg: | 8,435.7 | |
| | Lumens | % Lamp |
| Downward Street Side: | 19,687.4 | 61.3% |
| Downward House Side: | 12,311.1 | 38.3% |
| Downward Total: | 31,998.5 | 99.6% |
| Upward Street Side: | 62.1 | 0.2% |
| Upward House Side: | 62.3 | 0.2% |
| Upward Total: | 124.4 | 0.4% |
| Total Lumens: | 32,122.9 | 100% |

Flood Summary

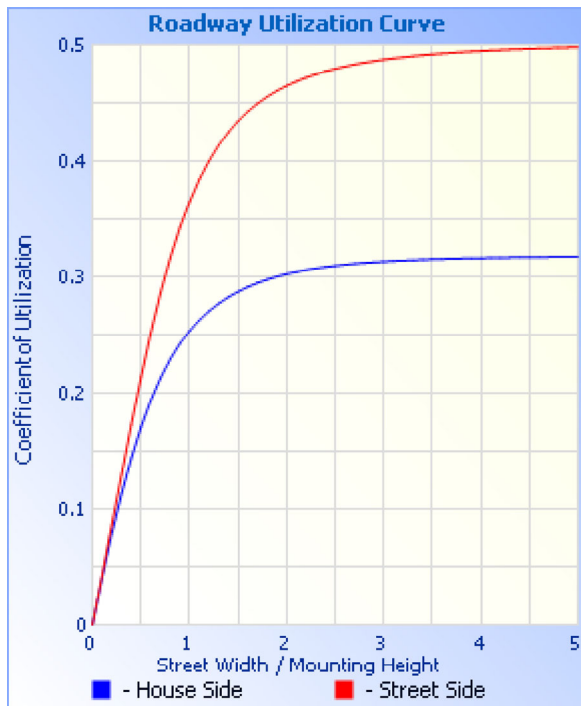
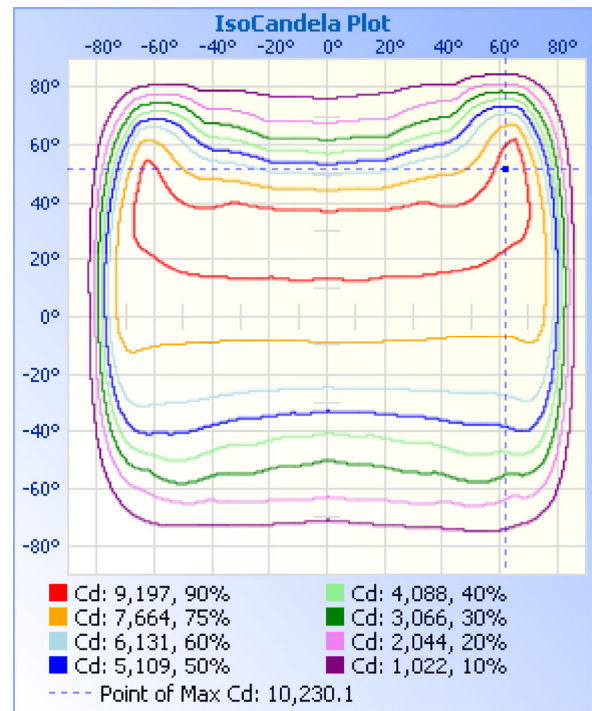
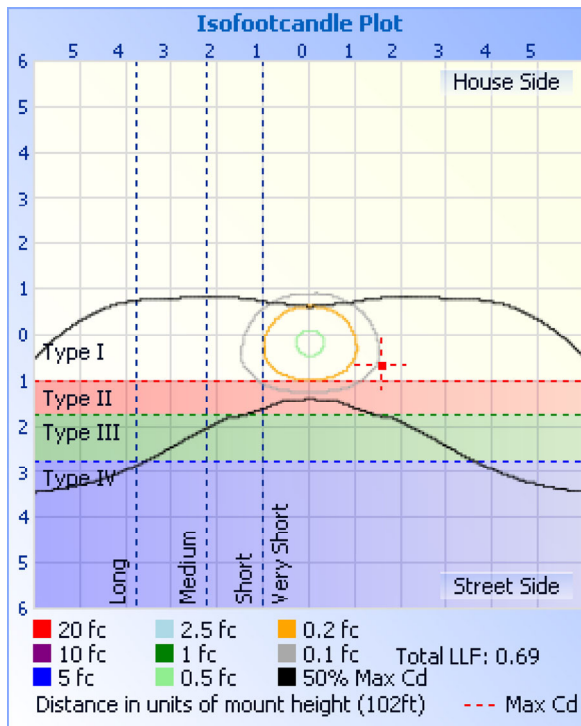
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|----------|-------------------|-----------------|
| Field (10%): | 98.3% | 31,587.5 | 164.9 | 158.2 |
| Beam (50%): | 79.9% | 25,675.8 | 149.6 | 112 |
| Total: | 100% | 32,107.3 | | |

Zonal Lumen Summary

| Zone | Lumens | % Lamp | % Luminaire |
|--------|----------|--------|-------------|
| 0-30 | 6,885.6 | 21.4% | 21.4% |
| 0-40 | 11,767.8 | 36.6% | 36.6% |
| 0-60 | 22,701.4 | 70.7% | 70.7% |
| 60-90 | 9,295.2 | 28.9% | 28.9% |
| 70-100 | 4,464.6 | 13.9% | 13.9% |
| 90-120 | 60.4 | 0.2% | 0.2% |
| 0-90 | 31,996.6 | 99.6% | 99.6% |
| 90-180 | 124.3 | 0.4% | 0.4% |
| 0-180 | 32,121.0 | 100% | 100% |

Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|---------|---------|---------|--------|---------|
| 0-10 | 795.0 | 2.5% | 90-100 | 23.6 | 0.1% |
| 10-20 | 2,339.8 | 7.3% | 100-110 | 19.2 | 0.1% |
| 20-30 | 3,750.8 | 11.7% | 110-120 | 17.6 | 0.1% |
| 30-40 | 4,882.1 | 15.2% | 120-130 | 16.0 | 0% |
| 40-50 | 5,484.3 | 17.1% | 130-140 | 15.0 | 0% |
| 50-60 | 5,449.3 | 17.0% | 140-150 | 13.7 | 0% |
| 60-70 | 4,854.3 | 15.1% | 150-160 | 10.4 | 0% |
| 70-80 | 3,547.3 | 11.0% | 160-170 | 6.6 | 0% |
| 80-90 | 893.7 | 2.8% | 170-180 | 2.2 | 0% |



Illuminance at a Distance

| Center Beam fc | Beam Width | Illuminance |
|----------------|------------|-------------|
| 29.9 fc | 49.5 ft | 122.7 ft |
| 7.53 fc | 98.7 ft | 244.7 ft |
| 3.34 fc | 148.2 ft | 367.5 ft |
| 1.88 fc | 197.7 ft | 490.2 ft |
| 1.20 fc | 246.9 ft | 612.2 ft |
| 0.83 fc | 296.4 ft | 734.9 ft |

Vert. Spread: 112.0°
Horiz. Spread: 149.6°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 |
| 1 | 1.07 | 1.02 | .97 | .92 | 1.04 | .99 | .95 | .81 | .95 | .91 | .88 | .91 | .88 | .85 | .87 | .85 | .82 | .80 |
| 2 | .96 | .87 | .79 | .73 | .93 | .85 | .78 | .66 | .81 | .75 | .70 | .78 | .73 | .69 | .75 | .71 | .67 | .65 |
| 3 | .87 | .75 | .66 | .59 | .84 | .74 | .65 | .55 | .70 | .63 | .57 | .68 | .61 | .56 | .65 | .60 | .55 | .53 |

| | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4 | .79 | .66 | .56 | .49 | .77 | .65 | .56 | .46 | .62 | .54 | .48 | .59 | .53 | .47 | .57 | .51 | .46 | .44 |
| 5 | .72 | .58 | .49 | .42 | .70 | .57 | .48 | .39 | .55 | .47 | .41 | .53 | .46 | .40 | .51 | .45 | .40 | .37 |
| 6 | .66 | .52 | .43 | .36 | .64 | .51 | .42 | .34 | .49 | .41 | .35 | .47 | .40 | .35 | .46 | .39 | .34 | .32 |
| 7 | .61 | .47 | .38 | .31 | .60 | .46 | .37 | .30 | .45 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .30 | .28 |
| 8 | .57 | .43 | .34 | .28 | .55 | .42 | .33 | .27 | .41 | .33 | .27 | .39 | .32 | .27 | .38 | .32 | .27 | .25 |
| 9 | .53 | .39 | .30 | .25 | .52 | .38 | .30 | .24 | .37 | .30 | .24 | .36 | .29 | .24 | .35 | .29 | .24 | .22 |
| 10 | .50 | .36 | .28 | .22 | .48 | .35 | .27 | .22 | .34 | .27 | .22 | .33 | .27 | .22 | .32 | .26 | .22 | .20 |

Candela Table - Type C

| | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | 360 |
|----|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| 0 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 | 8345 |
| 1 | 8419 | 8409 | 8399 | 8373 | 8344 | 8312 | 8286 | 8277 | 8270 | 8276 | 8294 | 8318 | 8348 | 8374 | 8396 | 8420 | 8419 |
| 2 | 8498 | 8476 | 8449 | 8398 | 8341 | 8283 | 8232 | 8205 | 8194 | 8209 | 8245 | 8291 | 8350 | 8403 | 8448 | 8490 | 8498 |
| 3 | 8569 | 8547 | 8500 | 8425 | 8341 | 8252 | 8177 | 8135 | 8120 | 8137 | 8191 | 8264 | 8350 | 8435 | 8505 | 8553 | 8569 |
| 4 | 8637 | 8608 | 8550 | 8451 | 8341 | 8222 | 8118 | 8060 | 8029 | 8057 | 8132 | 8237 | 8352 | 8462 | 8557 | 8619 | 8637 |
| 5 | 8702 | 8672 | 8600 | 8480 | 8342 | 8193 | 8062 | 7987 | 7949 | 7984 | 8077 | 8210 | 8354 | 8488 | 8605 | 8680 | 8702 |
| 6 | 8764 | 8728 | 8646 | 8511 | 8343 | 8163 | 8005 | 7903 | 7868 | 7909 | 8023 | 8182 | 8359 | 8521 | 8653 | 8746 | 8764 |
| 7 | 8828 | 8788 | 8702 | 8542 | 8345 | 8131 | 7940 | 7829 | 7786 | 7835 | 7971 | 8151 | 8361 | 8549 | 8701 | 8805 | 8828 |
| 8 | 8894 | 8847 | 8752 | 8568 | 8346 | 8103 | 7880 | 7752 | 7691 | 7752 | 7909 | 8123 | 8364 | 8584 | 8748 | 8864 | 8894 |
| 9 | 8953 | 8910 | 8802 | 8599 | 8348 | 8072 | 7820 | 7671 | 7603 | 7674 | 7858 | 8096 | 8369 | 8617 | 8798 | 8918 | 8953 |
| 10 | 9009 | 8965 | 8854 | 8627 | 8348 | 8041 | 7760 | 7581 | 7512 | 7595 | 7795 | 8068 | 8373 | 8647 | 8851 | 8974 | 9009 |
| 11 | 9064 | 9023 | 8903 | 8656 | 8346 | 8011 | 7698 | 7496 | 7415 | 7511 | 7733 | 8038 | 8378 | 8679 | 8900 | 9028 | 9064 |
| 12 | 9117 | 9077 | 8951 | 8680 | 8343 | 7972 | 7637 | 7408 | 7323 | 7426 | 7675 | 8006 | 8379 | 8712 | 8947 | 9085 | 9117 |
| 13 | 9178 | 9134 | 9002 | 8700 | 8333 | 7935 | 7568 | 7334 | 7253 | 7347 | 7615 | 7973 | 8377 | 8738 | 8992 | 9139 | 9178 |
| 14 | 9230 | 9193 | 9048 | 8720 | 8326 | 7893 | 7505 | 7268 | 7143 | 7273 | 7545 | 7938 | 8373 | 8763 | 9039 | 9191 | 9230 |
| 15 | 9282 | 9252 | 9087 | 8735 | 8318 | 7851 | 7437 | 7174 | 7047 | 7180 | 7485 | 7901 | 8366 | 8783 | 9086 | 9247 | 9282 |
| 16 | 9337 | 9309 | 9126 | 8749 | 8313 | 7809 | 7360 | 7078 | 6954 | 7095 | 7399 | 7862 | 8358 | 8798 | 9129 | 9298 | 9337 |
| 17 | 9392 | 9365 | 9164 | 8766 | 8313 | 7768 | 7341 | 6989 | 6855 | 7004 | 7364 | 7817 | 8349 | 8815 | 9172 | 9354 | 9392 |
| 18 | 9444 | 9424 | 9200 | 8786 | 8308 | 7727 | 7247 | 6899 | 6757 | 6917 | 7302 | 7776 | 8345 | 8831 | 9209 | 9404 | 9444 |
| 19 | 9500 | 9481 | 9237 | 8814 | 8309 | 7691 | 7173 | 6809 | 6654 | 6825 | 7224 | 7735 | 8345 | 8848 | 9246 | 9460 | 9500 |
| 20 | 9559 | 9538 | 9274 | 8838 | 8310 | 7656 | 7104 | 6718 | 6544 | 6720 | 7145 | 7695 | 8341 | 8868 | 9279 | 9513 | 9559 |
| 21 | 9611 | 9601 | 9312 | 8865 | 8308 | 7615 | 7032 | 6622 | 6441 | 6620 | 7078 | 7654 | 8337 | 8894 | 9311 | 9568 | 9611 |
| 22 | 9668 | 9654 | 9351 | 8893 | 8308 | 7576 | 6964 | 6520 | 6339 | 6524 | 6997 | 7615 | 8337 | 8917 | 9343 | 9618 | 9668 |
| 23 | 9719 | 9708 | 9398 | 8918 | 8306 | 7537 | 6894 | 6422 | 6232 | 6427 | 6921 | 7573 | 8334 | 8943 | 9381 | 9668 | 9719 |
| 24 | 9760 | 9760 | 9449 | 8946 | 8304 | 7497 | 6819 | 6330 | 6129 | 6331 | 6846 | 7525 | 8333 | 8968 | 9419 | 9720 | 9760 |
| 25 | 9792 | 9806 | 9505 | 8976 | 8304 | 7461 | 6750 | 6238 | 6013 | 6233 | 6768 | 7482 | 8330 | 8991 | 9454 | 9764 | 9792 |
| 26 | 9815 | 9846 | 9555 | 9007 | 8304 | 7420 | 6680 | 6136 | 5908 | 6127 | 6680 | 7438 | 8323 | 9018 | 9499 | 9803 | 9815 |
| 27 | 9822 | 9877 | 9611 | 9038 | 8297 | 7373 | 6607 | 6037 | 5797 | 6022 | 6604 | 7385 | 8319 | 9040 | 9548 | 9832 | 9822 |
| 28 | 9815 | 9897 | 9659 | 9064 | 8289 | 7347 | 6530 | 5938 | 5682 | 5921 | 6525 | 7347 | 8312 | 9069 | 9593 | 9848 | 9815 |
| 29 | 9797 | 9903 | 9712 | 9094 | 8283 | 7347 | 6456 | 5829 | 5559 | 5804 | 6443 | 7347 | 8303 | 9093 | 9639 | 9856 | 9797 |
| 30 | 9768 | 9894 | 9772 | 9123 | 8281 | 7298 | 6387 | 5722 | 5441 | 5694 | 6366 | 7284 | 8290 | 9113 | 9683 | 9849 | 9768 |
| 31 | 9726 | 9871 | 9820 | 9154 | 8283 | 7257 | 6318 | 5611 | 5301 | 5566 | 6286 | 7233 | 8279 | 9133 | 9727 | 9826 | 9726 |
| 32 | 9677 | 9843 | 9865 | 9183 | 8285 | 7222 | 6246 | 5493 | 5174 | 5456 | 6201 | 7187 | 8274 | 9158 | 9771 | 9799 | 9677 |
| 33 | 9618 | 9805 | 9903 | 9221 | 8285 | 7187 | 6172 | 5375 | 5041 | 5336 | 6121 | 7138 | 8269 | 9183 | 9815 | 9761 | 9618 |
| 34 | 9546 | 9765 | 9930 | 9258 | 8284 | 7149 | 6087 | 5263 | 4908 | 5216 | 6036 | 7096 | 8264 | 9211 | 9846 | 9708 | 9546 |
| 35 | 9455 | 9708 | 9951 | 9290 | 8279 | 7112 | 6009 | 5143 | 4769 | 5091 | 5945 | 7053 | 8256 | 9238 | 9869 | 9654 | 9455 |
| 36 | 9334 | 9637 | 9971 | 9324 | 8275 | 7075 | 5926 | 5011 | 4620 | 4953 | 5860 | 7007 | 8238 | 9269 | 9885 | 9589 | 9334 |
| 37 | 9202 | 9548 | 9979 | 9363 | 8269 | 7041 | 5846 | 4887 | 4481 | 4828 | 5765 | 6961 | 8226 | 9300 | 9893 | 9511 | 9202 |
| 38 | 9051 | 9453 | 9982 | 9397 | 8266 | 7006 | 5755 | 4766 | 4346 | 4705 | 5675 | 6914 | 8212 | 9328 | 9897 | 9416 | 9051 |
| 39 | 8880 | 9339 | 9973 | 9434 | 8266 | 6967 | 5666 | 4641 | 4207 | 4580 | 5581 | 6864 | 8200 | 9362 | 9890 | 9297 | 8880 |
| 40 | 8694 | 9212 | 9958 | 9476 | 8262 | 6929 | 5578 | 4522 | 4076 | 4454 | 5485 | 6808 | 8186 | 9393 | 9876 | 9170 | 8694 |
| 41 | 8471 | 9064 | 9936 | 9516 | 8263 | 6890 | 5483 | 4398 | 3946 | 4330 | 5383 | 6755 | 8173 | 9426 | 9855 | 9030 | 8471 |
| 42 | 8246 | 8884 | 9912 | 9551 | 8270 | 6848 | 5394 | 4262 | 3815 | 4197 | 5279 | 6705 | 8165 | 9460 | 9822 | 8876 | 8246 |
| 43 | 8016 | 8700 | 9876 | 9594 | 8269 | 6804 | 5290 | 4145 | 3697 | 4081 | 5179 | 6651 | 8162 | 9498 | 9790 | 8697 | 8016 |
| 44 | 7768 | 8499 | 9833 | 9629 | 8274 | 6762 | 5190 | 4031 | 3586 | 3967 | 5079 | 6596 | 8159 | 9536 | 9756 | 8504 | 7768 |
| 45 | 7502 | 8278 | 9775 | 9672 | 8279 | 6719 | 5086 | 3906 | 3470 | 3844 | 4973 | 6543 | 8157 | 9571 | 9706 | 8277 | 7502 |
| 46 | 7249 | 8026 | 9699 | 9713 | 8279 | 6675 | 4981 | 3800 | 3369 | 3739 | 4852 | 6493 | 8162 | 9614 | 9645 | 8055 | 7249 |

| | | | | | | | | | | | | | | | | | |
|----|------|------|------|-------|------|------|------|------|------|------|------|------|------|-------|------|------|------|
| 47 | 6942 | 7777 | 9615 | 9749 | 8273 | 6629 | 4876 | 3693 | 3272 | 3635 | 4743 | 6437 | 8159 | 9650 | 9568 | 7818 | 6942 |
| 48 | 6657 | 7516 | 9519 | 9779 | 8267 | 6583 | 4755 | 3596 | 3179 | 3536 | 4633 | 6371 | 8151 | 9683 | 9489 | 7569 | 6657 |
| 49 | 6370 | 7262 | 9409 | 9819 | 8267 | 6533 | 4648 | 3503 | 3093 | 3442 | 4522 | 6313 | 8137 | 9717 | 9397 | 7317 | 6370 |
| 50 | 6083 | 6970 | 9274 | 9864 | 8270 | 6484 | 4542 | 3404 | 3002 | 3346 | 4402 | 6252 | 8126 | 9754 | 9293 | 7027 | 6083 |
| 51 | 5803 | 6656 | 9128 | 9897 | 8276 | 6433 | 4430 | 3318 | 2918 | 3261 | 4289 | 6190 | 8117 | 9799 | 9176 | 6755 | 5803 |
| 52 | 5528 | 6371 | 8973 | 9924 | 8272 | 6374 | 4317 | 3234 | 2840 | 3179 | 4176 | 6126 | 8115 | 9837 | 9047 | 6479 | 5528 |
| 53 | 5236 | 6081 | 8801 | 9940 | 8276 | 6307 | 4192 | 3154 | 2766 | 3099 | 4062 | 6050 | 8114 | 9872 | 8894 | 6202 | 5236 |
| 54 | 4970 | 5796 | 8610 | 9965 | 8283 | 6244 | 4076 | 3069 | 2692 | 3019 | 3955 | 5972 | 8115 | 9911 | 8726 | 5923 | 4970 |
| 55 | 4687 | 5514 | 8402 | 9981 | 8284 | 6184 | 3968 | 2985 | 2616 | 2939 | 3837 | 5896 | 8106 | 9944 | 8562 | 5612 | 4687 |
| 56 | 4434 | 5227 | 8183 | 9997 | 8284 | 6103 | 3843 | 2906 | 2544 | 2863 | 3731 | 5803 | 8102 | 9969 | 8371 | 5336 | 4434 |
| 57 | 4165 | 4917 | 7919 | 10005 | 8291 | 6027 | 3736 | 2831 | 2474 | 2790 | 3632 | 5718 | 8100 | 9999 | 8160 | 5065 | 4165 |
| 58 | 3909 | 4646 | 7672 | 10008 | 8289 | 5944 | 3629 | 2749 | 2402 | 2711 | 3535 | 5628 | 8098 | 10027 | 7925 | 4798 | 3909 |
| 59 | 3677 | 4381 | 7409 | 10002 | 8300 | 5850 | 3522 | 2670 | 2322 | 2630 | 3439 | 5525 | 8095 | 10039 | 7709 | 4520 | 3677 |
| 60 | 3462 | 4099 | 7127 | 9996 | 8317 | 5757 | 3415 | 2583 | 2237 | 2546 | 3337 | 5422 | 8095 | 10051 | 7461 | 4251 | 3462 |
| 61 | 3240 | 3836 | 6863 | 9989 | 8331 | 5647 | 3298 | 2490 | 2156 | 2465 | 3235 | 5305 | 8097 | 10059 | 7214 | 4011 | 3240 |
| 62 | 3051 | 3584 | 6555 | 9984 | 8350 | 5534 | 3190 | 2401 | 2069 | 2380 | 3137 | 5190 | 8102 | 10064 | 6948 | 3750 | 3051 |
| 63 | 2862 | 3350 | 6247 | 9970 | 8374 | 5423 | 3076 | 2294 | 1968 | 2279 | 3025 | 5073 | 8116 | 10065 | 6661 | 3503 | 2862 |
| 64 | 2679 | 3119 | 5960 | 9959 | 8397 | 5304 | 2957 | 2190 | 1868 | 2178 | 2931 | 4948 | 8133 | 10067 | 6362 | 3281 | 2679 |
| 65 | 2528 | 2911 | 5637 | 9950 | 8425 | 5171 | 2835 | 2082 | 1774 | 2076 | 2816 | 4822 | 8149 | 10083 | 6084 | 3067 | 2528 |
| 66 | 2355 | 2731 | 5347 | 9939 | 8448 | 5019 | 2705 | 1967 | 1678 | 1964 | 2700 | 4683 | 8174 | 10085 | 5806 | 2873 | 2355 |
| 67 | 2211 | 2540 | 5061 | 9931 | 8483 | 4852 | 2557 | 1849 | 1575 | 1858 | 2583 | 4535 | 8207 | 10090 | 5530 | 2679 | 2211 |
| 68 | 2050 | 2359 | 4748 | 9929 | 8512 | 4678 | 2418 | 1725 | 1436 | 1733 | 2460 | 4384 | 8236 | 10118 | 5219 | 2503 | 2050 |
| 69 | 1913 | 2201 | 4465 | 9921 | 8524 | 4464 | 2262 | 1571 | 1312 | 1606 | 2322 | 4217 | 8251 | 10125 | 4943 | 2334 | 1913 |
| 70 | 1784 | 2037 | 4200 | 9919 | 8500 | 4264 | 2126 | 1424 | 1109 | 1460 | 2183 | 4063 | 8280 | 10165 | 4672 | 2168 | 1784 |
| 71 | 1657 | 1905 | 3918 | 9897 | 8394 | 3995 | 1963 | 1300 | 923 | 1340 | 2047 | 3863 | 8283 | 10205 | 4411 | 2027 | 1657 |
| 72 | 1547 | 1768 | 3651 | 9856 | 8209 | 3696 | 1807 | 1184 | 784 | 1209 | 1889 | 3657 | 8245 | 10212 | 4134 | 1890 | 1547 |
| 73 | 1426 | 1632 | 3366 | 9773 | 7960 | 3382 | 1660 | 1066 | 686 | 1094 | 1750 | 3438 | 8175 | 10230 | 3869 | 1746 | 1426 |
| 74 | 1298 | 1515 | 3086 | 9602 | 7525 | 3017 | 1475 | 950 | 611 | 950 | 1595 | 3164 | 8022 | 10222 | 3600 | 1613 | 1298 |
| 75 | 1177 | 1388 | 2836 | 9365 | 7011 | 2708 | 1316 | 836 | 551 | 814 | 1436 | 2899 | 7768 | 10170 | 3326 | 1492 | 1177 |
| 76 | 1064 | 1287 | 2542 | 9031 | 6322 | 2412 | 1168 | 720 | 494 | 690 | 1290 | 2620 | 7387 | 10063 | 3065 | 1378 | 1064 |
| 77 | 958 | 1176 | 2306 | 8560 | 5548 | 2141 | 1029 | 626 | 443 | 591 | 1155 | 2366 | 6965 | 9868 | 2818 | 1273 | 958 |
| 78 | 852 | 1066 | 2030 | 7977 | 4710 | 1889 | 895 | 524 | 389 | 509 | 1030 | 2126 | 6313 | 9580 | 2565 | 1163 | 852 |
| 79 | 761 | 972 | 1771 | 7199 | 3779 | 1637 | 770 | 449 | 344 | 439 | 909 | 1871 | 5609 | 9089 | 2287 | 1056 | 761 |
| 80 | 661 | 868 | 1528 | 6368 | 2955 | 1426 | 646 | 380 | 305 | 378 | 794 | 1654 | 4906 | 8436 | 2036 | 954 | 661 |
| 81 | 577 | 769 | 1290 | 5446 | 2120 | 1228 | 507 | 312 | 259 | 321 | 677 | 1452 | 4078 | 7520 | 1747 | 855 | 577 |
| 82 | 496 | 680 | 1069 | 4433 | 1511 | 1002 | 372 | 255 | 222 | 265 | 562 | 1248 | 3294 | 6591 | 1481 | 760 | 496 |
| 83 | 418 | 597 | 865 | 3583 | 967 | 777 | 268 | 202 | 186 | 220 | 441 | 1007 | 2554 | 5675 | 1246 | 668 | 418 |
| 84 | 356 | 508 | 693 | 2682 | 561 | 530 | 185 | 150 | 143 | 174 | 322 | 720 | 1831 | 4572 | 1003 | 573 | 356 |
| 85 | 280 | 409 | 520 | 1843 | 344 | 295 | 118 | 104 | 105 | 124 | 220 | 504 | 1221 | 3502 | 788 | 482 | 280 |
| 86 | 211 | 309 | 362 | 1113 | 208 | 158 | 75 | 61 | 65 | 83 | 136 | 320 | 783 | 2504 | 595 | 370 | 211 |
| 87 | 141 | 204 | 222 | 555 | 113 | 74 | 36 | 36 | 43 | 53 | 78 | 177 | 441 | 1597 | 404 | 262 | 141 |
| 88 | 82 | 97 | 100 | 206 | 53 | 30 | 22 | 14 | 18 | 28 | 47 | 91 | 230 | 907 | 245 | 157 | 82 |
| 89 | 32 | 37 | 37 | 60 | 35 | 22 | 19 | 13 | 16 | 17 | 23 | 39 | 119 | 404 | 125 | 66 | 32 |
| 90 | 22 | 19 | 30 | 46 | 33 | 24 | 17 | 9 | 11 | 16 | 19 | 29 | 56 | 93 | 45 | 26 | 22 |
| 91 | 19 | 21 | 28 | 39 | 33 | 21 | 15 | 12 | 14 | 17 | 22 | 19 | 39 | 48 | 35 | 26 | 19 |
| 92 | 23 | 21 | 28 | 37 | 29 | 21 | 20 | 14 | 13 | 16 | 18 | 24 | 42 | 42 | 29 | 25 | 23 |
| 93 | 16 | 15 | 25 | 30 | 26 | 23 | 19 | 14 | 10 | 12 | 17 | 20 | 34 | 45 | 30 | 20 | 16 |
| 94 | 14 | 17 | 23 | 28 | 25 | 25 | 16 | 10 | 11 | 12 | 19 | 23 | 25 | 38 | 28 | 21 | 14 |
| 95 | 18 | 21 | 21 | 30 | 22 | 22 | 18 | 11 | 14 | 12 | 18 | 25 | 34 | 37 | 27 | 20 | 18 |

| | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 96 | 12 | 15 | 20 | 26 | 23 | 22 | 15 | 12 | 12 | 12 | 16 | 24 | 30 | 30 | 30 | 19 | 12 |
| 97 | 17 | 14 | 20 | 27 | 24 | 22 | 16 | 12 | 9 | 14 | 18 | 16 | 33 | 22 | 18 | 16 | 17 |
| 98 | 12 | 11 | 20 | 21 | 23 | 18 | 17 | 14 | 6 | 14 | 17 | 16 | 27 | 32 | 23 | 17 | 12 |
| 99 | 15 | 13 | 21 | 18 | 22 | 21 | 19 | 12 | 11 | 11 | 16 | 25 | 29 | 30 | 25 | 16 | 15 |
| 100 | 14 | 14 | 20 | 23 | 19 | 20 | 15 | 13 | 10 | 13 | 16 | 24 | 28 | 25 | 24 | 21 | 14 |
| 101 | 14 | 15 | 17 | 24 | 26 | 25 | 19 | 10 | 11 | 14 | 20 | 24 | 28 | 27 | 20 | 17 | 14 |
| 102 | 15 | 15 | 17 | 26 | 17 | 20 | 18 | 13 | 8 | 14 | 17 | 25 | 29 | 23 | 23 | 17 | 15 |
| 103 | 13 | 16 | 16 | 22 | 13 | 22 | 21 | 8 | 10 | 15 | 18 | 21 | 28 | 24 | 19 | 19 | 13 |
| 104 | 12 | 14 | 19 | 24 | 25 | 22 | 16 | 13 | 9 | 14 | 16 | 22 | 28 | 26 | 20 | 18 | 12 |
| 105 | 15 | 14 | 14 | 25 | 20 | 21 | 23 | 11 | 12 | 11 | 16 | 22 | 26 | 25 | 19 | 16 | 15 |
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Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] Belling Test Laboratory Co., LTD
[ISSUE DATE] 2018-8-30 18:38
[MANUFAC] SARIN Energy Inc
[LUMINAIRE] SES-SB7-4000-240-T3-277V
[_TOTALLUMINAIRELUMENS] 32121
[TESTINST] GPM-3000
[TESTDIST] 14.040 M
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 181, HORIZONTAL ANGLES: 17
FILE: COORDINATE SYSTEM: TYPE C
FILE: UNIT OF MEASURE: METRIC
FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.