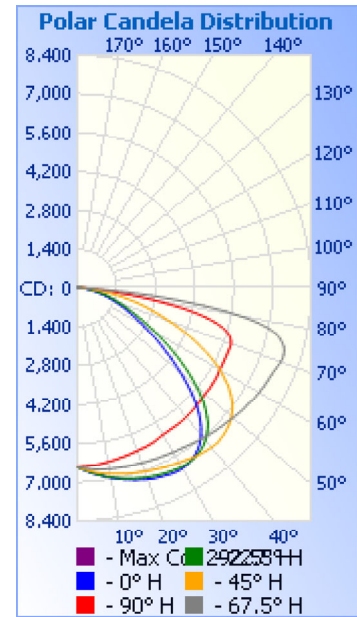


Photometrics Pro

Luminaire Photometric Report

Filename: Shoebox SB7 200W T3 - 480V
Manufacturer: SARIN Energy Inc
Luminaire: SES-SB7-4000-200-T3-480V
Lamp Output: 1 lamp, rated Lumens/lamp: 25611.2
Max Candela: 8,375.9 at Horizontal: 292.5°, Vertical: 71°
Input Wattage: 200.88
Luminous Opening: Point
Test Lab: Shenzhen Belling Test Laboratory
Photometry : Type C
Nema Type: 7 X 7

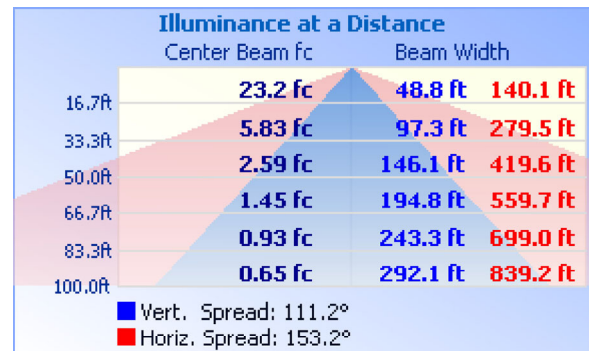
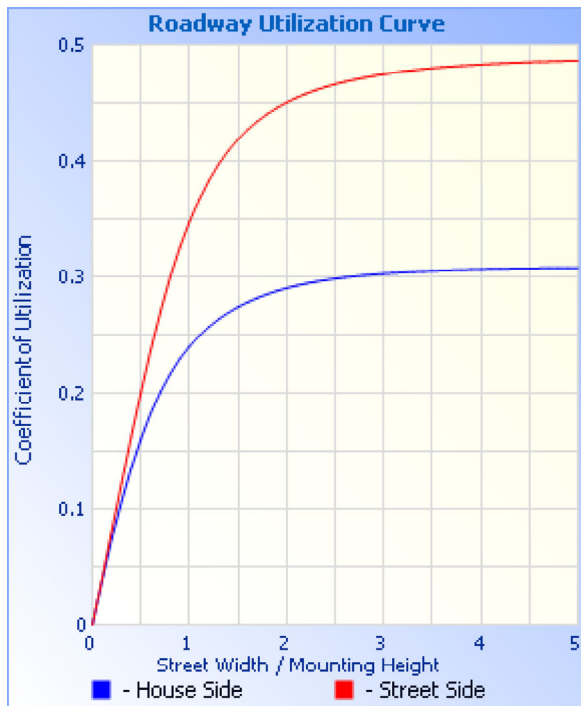
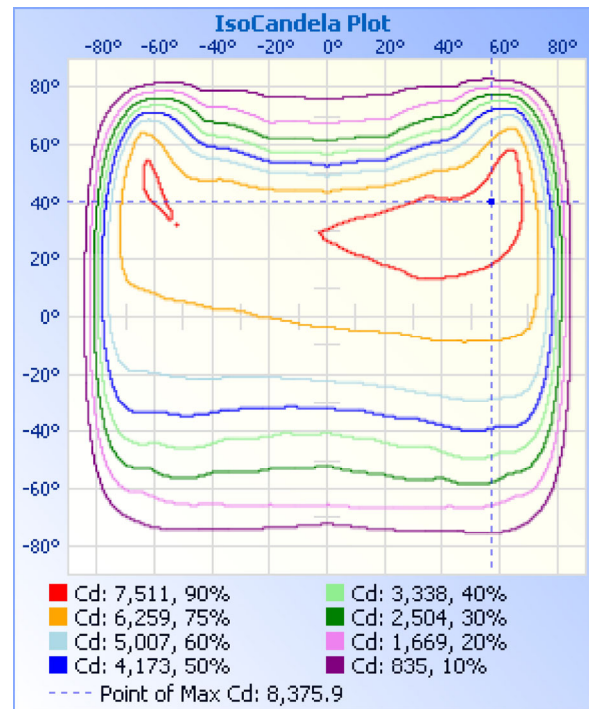
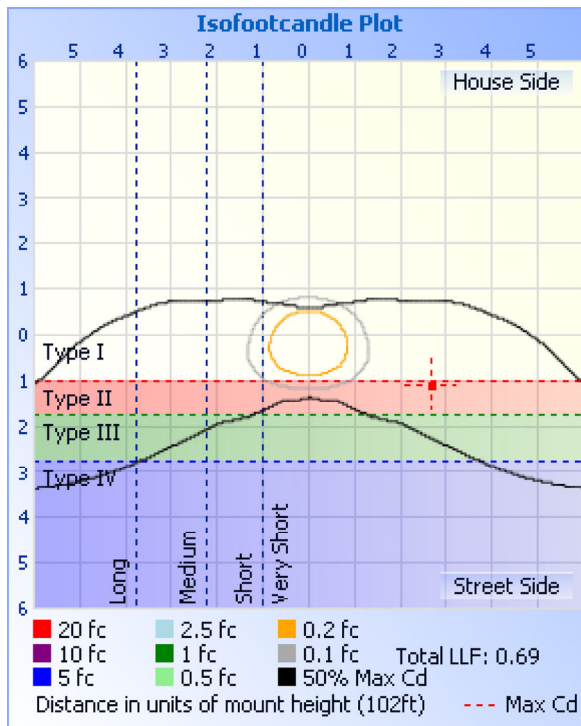


| Roadway Summary | | |
|------------------------|------------------|--------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | TYPE III, MEDIUM | |
| Max Cd, 90 Deg Vert: | 51.0 | |
| Max Cd, 80 to <90 Deg: | 6,532.3 | |
| | Lumens | % Lamp |
| Downward Street Side: | 15,595.2 | 60.9% |
| Downward House Side: | 9,833.3 | 38.4% |
| Downward Total: | 25,428.5 | 99.3% |
| Upward Street Side: | 87.4 | 0.3% |
| Upward House Side: | 95.2 | 0.4% |
| Upward Total: | 182.7 | 0.7% |
| Total Lumens: | 25,611.1 | 100% |

| Flood Summary | | | | |
|---------------|------------|----------|-------------------|-----------------|
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
| Field (10%): | 98% | 25,089.8 | 166.6 | 157.8 |
| Beam (50%): | 78% | 19,971.9 | 153.2 | 111.2 |
| Total: | 100% | 25,599.5 | | |

| Zonal Lumen Summary | | | |
|---------------------|----------|--------|-------------|
| Zone | Lumens | % Lamp | % Luminaire |
| 0-30 | 5,332.5 | 20.8% | 20.8% |
| 0-40 | 9,150.7 | 35.7% | 35.7% |
| 0-60 | 17,892.5 | 69.9% | 69.9% |
| 60-90 | 7,534.6 | 29.4% | 29.4% |
| 70-100 | 3,656.8 | 14.3% | 14.3% |
| 90-120 | 97.6 | 0.4% | 0.4% |
| 0-90 | 25,427.0 | 99.3% | 99.3% |
| 90-180 | 182.6 | 0.7% | 0.7% |
| 0-180 | 25,609.7 | 100% | 100% |

| Lumens Per Zone | | | | | |
|-----------------|---------|---------|---------|--------|---------|
| Zone | Lumens | % Total | Zone | Lumens | % Total |
| 0-10 | 616.1 | 2.4% | 90-100 | 38.1 | 0.1% |
| 10-20 | 1,811.7 | 7.1% | 100-110 | 31.4 | 0.1% |
| 20-30 | 2,904.6 | 11.3% | 110-120 | 28.2 | 0.1% |
| 30-40 | 3,818.2 | 14.9% | 120-130 | 23.8 | 0.1% |
| 40-50 | 4,362.8 | 17.0% | 130-140 | 20.4 | 0.1% |
| 50-60 | 4,379.0 | 17.1% | 140-150 | 17.3 | 0.1% |
| 60-70 | 3,915.9 | 15.3% | 150-160 | 12.9 | 0.1% |
| 70-80 | 2,866.0 | 11.2% | 160-170 | 7.9 | 0% |
| 80-90 | 752.7 | 2.9% | 170-180 | 2.7 | 0% |



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 | 0 | 50 | 30 | 20 | 0 | 50 | 30 | 20 | 0 | 0 |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | .99 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.06 | 1.01 | 1.01 | 1.01 | 1.01 | .99 | |
| 1 | 1.07 | 1.01 | .96 | .92 | 1.04 | .99 | .95 | .81 | .95 | .91 | .87 | .90 | .87 | .85 | .85 | .87 | .84 | .84 | .82 | .80 | |
| 2 | .96 | .87 | .79 | .72 | .93 | .85 | .78 | .65 | .81 | .75 | .70 | .77 | .72 | .68 | .68 | .74 | .70 | .66 | .66 | .64 | |
| 3 | .87 | .75 | .66 | .59 | .84 | .73 | .65 | .54 | .70 | .63 | .57 | .67 | .61 | .56 | .56 | .64 | .59 | .55 | .55 | .52 | |

| | | | | | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 4 | .79 | .66 | .56 | .49 | .76 | .64 | .55 | .45 | .61 | .54 | .47 | .59 | .52 | .47 | .57 | .51 | .46 | .43 |
| 5 | .72 | .58 | .48 | .41 | .70 | .57 | .48 | .39 | .54 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .39 | .37 |
| 6 | .66 | .52 | .42 | .35 | .64 | .51 | .42 | .34 | .49 | .41 | .35 | .47 | .40 | .34 | .45 | .39 | .34 | .32 |
| 7 | .61 | .47 | .37 | .31 | .59 | .46 | .37 | .30 | .44 | .36 | .30 | .43 | .35 | .30 | .41 | .35 | .30 | .28 |
| 8 | .57 | .42 | .33 | .27 | .55 | .42 | .33 | .26 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .26 | .24 |
| 9 | .53 | .39 | .30 | .24 | .51 | .38 | .30 | .23 | .37 | .29 | .24 | .36 | .29 | .24 | .35 | .28 | .24 | .22 |
| 10 | .49 | .36 | .27 | .22 | .48 | .35 | .27 | .21 | .34 | .27 | .22 | .33 | .26 | .21 | .32 | .26 | .21 | .19 |

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 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 | 6463 |
| 1 | 6521 | 6518 | 6503 | 6475 | 6449 | 6431 | 6419 | 6409 | 6402 | 6409 | 6424 | 6453 | 6473 | 6493 | 6519 | 6532 | 6521 |
| 2 | 6575 | 6567 | 6551 | 6493 | 6439 | 6404 | 6376 | 6356 | 6337 | 6357 | 6385 | 6436 | 6480 | 6522 | 6566 | 6584 | 6575 |
| 3 | 6633 | 6621 | 6591 | 6514 | 6428 | 6371 | 6329 | 6290 | 6276 | 6303 | 6341 | 6420 | 6482 | 6552 | 6607 | 6641 | 6633 |
| 4 | 6689 | 6674 | 6631 | 6539 | 6424 | 6347 | 6284 | 6233 | 6220 | 6246 | 6297 | 6409 | 6489 | 6585 | 6663 | 6696 | 6689 |
| 5 | 6731 | 6725 | 6666 | 6559 | 6423 | 6318 | 6235 | 6167 | 6159 | 6186 | 6262 | 6385 | 6492 | 6621 | 6714 | 6751 | 6731 |
| 6 | 6783 | 6772 | 6701 | 6574 | 6422 | 6285 | 6176 | 6094 | 6100 | 6122 | 6227 | 6360 | 6502 | 6648 | 6755 | 6805 | 6783 |
| 7 | 6821 | 6824 | 6727 | 6584 | 6416 | 6250 | 6126 | 6034 | 6038 | 6072 | 6188 | 6343 | 6508 | 6678 | 6800 | 6855 | 6821 |
| 8 | 6871 | 6863 | 6756 | 6601 | 6406 | 6223 | 6076 | 5971 | 5974 | 6016 | 6153 | 6320 | 6519 | 6709 | 6853 | 6898 | 6871 |
| 9 | 6920 | 6909 | 6788 | 6617 | 6386 | 6186 | 6025 | 5914 | 5907 | 5959 | 6112 | 6309 | 6529 | 6740 | 6890 | 6942 | 6920 |
| 10 | 6967 | 6946 | 6817 | 6627 | 6377 | 6159 | 5968 | 5850 | 5836 | 5899 | 6071 | 6295 | 6543 | 6775 | 6938 | 6985 | 6967 |
| 11 | 7004 | 6987 | 6841 | 6636 | 6361 | 6124 | 5923 | 5781 | 5766 | 5835 | 6029 | 6284 | 6546 | 6803 | 6983 | 7035 | 7004 |
| 12 | 7049 | 7024 | 6865 | 6646 | 6350 | 6088 | 5868 | 5720 | 5695 | 5771 | 5981 | 6267 | 6550 | 6834 | 7021 | 7081 | 7049 |
| 13 | 7091 | 7064 | 6883 | 6654 | 6339 | 6055 | 5813 | 5655 | 5619 | 5711 | 5937 | 6242 | 6552 | 6862 | 7061 | 7127 | 7091 |
| 14 | 7139 | 7096 | 6912 | 6660 | 6324 | 6025 | 5767 | 5592 | 5552 | 5654 | 5891 | 6220 | 6547 | 6891 | 7102 | 7164 | 7139 |
| 15 | 7177 | 7128 | 6936 | 6674 | 6312 | 5991 | 5709 | 5525 | 5488 | 5592 | 5846 | 6194 | 6540 | 6911 | 7140 | 7212 | 7177 |
| 16 | 7212 | 7162 | 6960 | 6682 | 6304 | 5951 | 5655 | 5461 | 5422 | 5532 | 5804 | 6172 | 6540 | 6934 | 7178 | 7253 | 7212 |
| 17 | 7253 | 7192 | 6983 | 6691 | 6290 | 5915 | 5600 | 5389 | 5355 | 5464 | 5762 | 6144 | 6541 | 6956 | 7219 | 7294 | 7253 |
| 18 | 7285 | 7220 | 7004 | 6701 | 6274 | 5885 | 5541 | 5326 | 5280 | 5403 | 5718 | 6115 | 6549 | 6983 | 7253 | 7328 | 7285 |
| 19 | 7322 | 7248 | 7032 | 6715 | 6267 | 5850 | 5491 | 5257 | 5206 | 5341 | 5667 | 6093 | 6560 | 7011 | 7281 | 7361 | 7322 |
| 20 | 7358 | 7279 | 7054 | 6725 | 6258 | 5822 | 5439 | 5182 | 5133 | 5273 | 5618 | 6064 | 6564 | 7040 | 7310 | 7392 | 7358 |
| 21 | 7388 | 7306 | 7080 | 6740 | 6248 | 5786 | 5386 | 5114 | 5056 | 5205 | 5570 | 6043 | 6574 | 7082 | 7342 | 7432 | 7388 |
| 22 | 7415 | 7327 | 7097 | 6746 | 6239 | 5749 | 5331 | 5044 | 4984 | 5141 | 5515 | 6022 | 6575 | 7107 | 7377 | 7466 | 7415 |
| 23 | 7436 | 7353 | 7115 | 6758 | 6236 | 5712 | 5275 | 4966 | 4917 | 5064 | 5462 | 6000 | 6590 | 7138 | 7414 | 7494 | 7436 |
| 24 | 7460 | 7372 | 7138 | 6772 | 6226 | 5678 | 5214 | 4888 | 4831 | 5004 | 5419 | 5973 | 6594 | 7172 | 7455 | 7520 | 7460 |
| 25 | 7475 | 7391 | 7167 | 6790 | 6219 | 5641 | 5161 | 4820 | 4743 | 4934 | 5363 | 5952 | 6591 | 7206 | 7491 | 7543 | 7475 |
| 26 | 7495 | 7406 | 7188 | 6793 | 6201 | 5611 | 5106 | 4740 | 4661 | 4866 | 5321 | 5940 | 6601 | 7246 | 7528 | 7572 | 7495 |
| 27 | 7519 | 7422 | 7210 | 6806 | 6183 | 5583 | 5049 | 4666 | 4579 | 4788 | 5275 | 5927 | 6605 | 7281 | 7568 | 7597 | 7519 |
| 28 | 7528 | 7437 | 7235 | 6820 | 6162 | 5554 | 4988 | 4591 | 4487 | 4710 | 5227 | 5912 | 6614 | 7321 | 7609 | 7622 | 7528 |
| 29 | 7531 | 7455 | 7259 | 6833 | 6144 | 5523 | 4935 | 4510 | 4385 | 4636 | 5177 | 5884 | 6627 | 7367 | 7646 | 7636 | 7531 |
| 30 | 7532 | 7467 | 7285 | 6850 | 6128 | 5499 | 4881 | 4430 | 4287 | 4563 | 5129 | 5868 | 6638 | 7410 | 7688 | 7654 | 7532 |
| 31 | 7513 | 7473 | 7310 | 6873 | 6121 | 5471 | 4828 | 4348 | 4194 | 4482 | 5071 | 5850 | 6649 | 7451 | 7724 | 7665 | 7513 |
| 32 | 7493 | 7473 | 7332 | 6873 | 6112 | 5444 | 4768 | 4256 | 4105 | 4397 | 5018 | 5832 | 6661 | 7488 | 7765 | 7661 | 7493 |
| 33 | 7450 | 7464 | 7364 | 6895 | 6104 | 5412 | 4707 | 4163 | 4010 | 4307 | 4966 | 5819 | 6672 | 7527 | 7807 | 7652 | 7450 |
| 34 | 7409 | 7448 | 7392 | 6913 | 6104 | 5385 | 4645 | 4074 | 3907 | 4216 | 4910 | 5799 | 6697 | 7566 | 7848 | 7632 | 7409 |
| 35 | 7365 | 7422 | 7419 | 6938 | 6104 | 5358 | 4578 | 3983 | 3800 | 4135 | 4851 | 5784 | 6703 | 7607 | 7884 | 7612 | 7365 |
| 36 | 7300 | 7389 | 7436 | 6959 | 6100 | 5324 | 4523 | 3893 | 3702 | 4052 | 4793 | 5752 | 6710 | 7643 | 7914 | 7584 | 7300 |
| 37 | 7229 | 7347 | 7456 | 6985 | 6102 | 5285 | 4458 | 3800 | 3612 | 3959 | 4729 | 5715 | 6709 | 7679 | 7947 | 7546 | 7229 |
| 38 | 7143 | 7302 | 7474 | 7006 | 6096 | 5253 | 4387 | 3706 | 3519 | 3874 | 4667 | 5690 | 6710 | 7715 | 7966 | 7489 | 7143 |
| 39 | 7039 | 7238 | 7491 | 7029 | 6095 | 5226 | 4313 | 3613 | 3423 | 3785 | 4605 | 5663 | 6709 | 7752 | 7987 | 7426 | 7039 |
| 40 | 6916 | 7168 | 7501 | 7058 | 6090 | 5187 | 4242 | 3526 | 3325 | 3698 | 4540 | 5635 | 6713 | 7792 | 7996 | 7355 | 6916 |
| 41 | 6787 | 7085 | 7519 | 7089 | 6074 | 5155 | 4169 | 3438 | 3233 | 3606 | 4464 | 5606 | 6714 | 7814 | 8009 | 7271 | 6787 |
| 42 | 6632 | 6984 | 7517 | 7105 | 6065 | 5118 | 4099 | 3345 | 3145 | 3515 | 4392 | 5567 | 6717 | 7847 | 8015 | 7169 | 6632 |
| 43 | 6466 | 6870 | 7506 | 7129 | 6056 | 5082 | 4019 | 3264 | 3057 | 3438 | 4309 | 5529 | 6720 | 7882 | 8007 | 7055 | 6466 |
| 44 | 6292 | 6753 | 7478 | 7154 | 6045 | 5046 | 3932 | 3183 | 2988 | 3352 | 4239 | 5497 | 6721 | 7907 | 7987 | 6936 | 6292 |
| 45 | 6093 | 6597 | 7457 | 7176 | 6032 | 5014 | 3859 | 3103 | 2913 | 3270 | 4149 | 5462 | 6718 | 7934 | 7954 | 6785 | 6093 |
| 46 | 5887 | 6430 | 7430 | 7198 | 6020 | 4972 | 3782 | 3022 | 2838 | 3192 | 4066 | 5426 | 6718 | 7954 | 7930 | 6620 | 5887 |

| | | | | | | | | | | | | | | | | | |
|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 47 | 5662 | 6266 | 7390 | 7219 | 6012 | 4937 | 3701 | 2955 | 2773 | 3115 | 3985 | 5393 | 6718 | 7990 | 7896 | 6458 | 5662 |
| 48 | 5421 | 6074 | 7353 | 7244 | 5993 | 4884 | 3608 | 2878 | 2704 | 3046 | 3897 | 5354 | 6719 | 8021 | 7847 | 6264 | 5421 |
| 49 | 5173 | 5869 | 7303 | 7268 | 5986 | 4853 | 3534 | 2811 | 2642 | 2978 | 3820 | 5317 | 6715 | 8047 | 7794 | 6059 | 5173 |
| 50 | 4941 | 5640 | 7235 | 7299 | 5981 | 4806 | 3446 | 2753 | 2585 | 2910 | 3722 | 5274 | 6700 | 8075 | 7726 | 5840 | 4941 |
| 51 | 4691 | 5415 | 7157 | 7325 | 5975 | 4764 | 3364 | 2686 | 2526 | 2846 | 3641 | 5229 | 6698 | 8100 | 7655 | 5602 | 4691 |
| 52 | 4439 | 5181 | 7081 | 7353 | 5981 | 4716 | 3280 | 2620 | 2472 | 2778 | 3547 | 5174 | 6697 | 8127 | 7577 | 5375 | 4439 |
| 53 | 4220 | 4944 | 6985 | 7380 | 5989 | 4660 | 3202 | 2564 | 2409 | 2710 | 3459 | 5126 | 6699 | 8155 | 7483 | 5133 | 4220 |
| 54 | 3976 | 4688 | 6869 | 7399 | 5973 | 4609 | 3128 | 2507 | 2353 | 2654 | 3372 | 5071 | 6686 | 8174 | 7377 | 4891 | 3976 |
| 55 | 3758 | 4462 | 6746 | 7420 | 5962 | 4545 | 3059 | 2449 | 2302 | 2594 | 3291 | 5010 | 6690 | 8194 | 7250 | 4633 | 3758 |
| 56 | 3556 | 4214 | 6606 | 7449 | 5959 | 4475 | 2970 | 2389 | 2245 | 2526 | 3210 | 4935 | 6697 | 8218 | 7098 | 4389 | 3556 |
| 57 | 3360 | 3976 | 6466 | 7477 | 5954 | 4415 | 2895 | 2336 | 2184 | 2465 | 3122 | 4869 | 6696 | 8231 | 6958 | 4148 | 3360 |
| 58 | 3146 | 3741 | 6285 | 7508 | 5948 | 4341 | 2823 | 2283 | 2134 | 2410 | 3044 | 4787 | 6686 | 8249 | 6791 | 3917 | 3146 |
| 59 | 2961 | 3513 | 6101 | 7528 | 5921 | 4266 | 2749 | 2225 | 2073 | 2346 | 2961 | 4710 | 6676 | 8280 | 6601 | 3679 | 2961 |
| 60 | 2780 | 3297 | 5927 | 7551 | 5915 | 4183 | 2676 | 2166 | 2019 | 2286 | 2874 | 4625 | 6670 | 8294 | 6422 | 3463 | 2780 |
| 61 | 2611 | 3096 | 5728 | 7563 | 5911 | 4085 | 2593 | 2096 | 1957 | 2208 | 2790 | 4518 | 6662 | 8311 | 6216 | 3263 | 2611 |
| 62 | 2459 | 2886 | 5502 | 7593 | 5903 | 3994 | 2525 | 2027 | 1885 | 2147 | 2703 | 4419 | 6656 | 8318 | 6005 | 3046 | 2459 |
| 63 | 2317 | 2693 | 5282 | 7607 | 5895 | 3891 | 2448 | 1961 | 1815 | 2071 | 2624 | 4306 | 6640 | 8335 | 5776 | 2852 | 2317 |
| 64 | 2171 | 2532 | 5029 | 7621 | 5900 | 3787 | 2369 | 1898 | 1741 | 1996 | 2531 | 4189 | 6623 | 8347 | 5529 | 2677 | 2171 |
| 65 | 2030 | 2349 | 4797 | 7641 | 5891 | 3683 | 2281 | 1816 | 1672 | 1915 | 2434 | 4055 | 6605 | 8355 | 5279 | 2507 | 2030 |
| 66 | 1899 | 2194 | 4545 | 7659 | 5894 | 3561 | 2197 | 1728 | 1590 | 1814 | 2347 | 3912 | 6589 | 8358 | 5031 | 2327 | 1899 |
| 67 | 1791 | 2055 | 4310 | 7685 | 5892 | 3442 | 2108 | 1646 | 1496 | 1725 | 2247 | 3776 | 6568 | 8361 | 4779 | 2173 | 1791 |
| 68 | 1668 | 1907 | 4049 | 7721 | 5896 | 3327 | 2019 | 1554 | 1397 | 1642 | 2141 | 3644 | 6547 | 8359 | 4525 | 2024 | 1668 |
| 69 | 1556 | 1777 | 3792 | 7755 | 5893 | 3194 | 1925 | 1454 | 1272 | 1538 | 2036 | 3495 | 6501 | 8368 | 4248 | 1890 | 1556 |
| 70 | 1453 | 1650 | 3549 | 7789 | 5883 | 3055 | 1813 | 1322 | 1144 | 1404 | 1929 | 3332 | 6433 | 8374 | 4004 | 1754 | 1453 |
| 71 | 1344 | 1530 | 3311 | 7813 | 5845 | 2902 | 1706 | 1203 | 935 | 1283 | 1813 | 3173 | 6339 | 8376 | 3741 | 1637 | 1344 |
| 72 | 1246 | 1419 | 3088 | 7804 | 5778 | 2760 | 1603 | 1106 | 776 | 1173 | 1690 | 3006 | 6187 | 8364 | 3492 | 1507 | 1246 |
| 73 | 1145 | 1320 | 2849 | 7786 | 5681 | 2595 | 1491 | 1009 | 663 | 1063 | 1578 | 2832 | 6001 | 8328 | 3255 | 1402 | 1145 |
| 74 | 1047 | 1214 | 2635 | 7727 | 5539 | 2374 | 1349 | 894 | 587 | 963 | 1465 | 2619 | 5722 | 8238 | 3037 | 1293 | 1047 |
| 75 | 950 | 1117 | 2411 | 7631 | 5353 | 2165 | 1205 | 776 | 528 | 853 | 1321 | 2396 | 5389 | 8092 | 2784 | 1185 | 950 |
| 76 | 859 | 1019 | 2205 | 7506 | 5083 | 1976 | 1077 | 659 | 472 | 737 | 1172 | 2179 | 5004 | 7898 | 2554 | 1095 | 859 |
| 77 | 769 | 932 | 1993 | 7328 | 4762 | 1793 | 960 | 561 | 428 | 636 | 1035 | 1965 | 4600 | 7664 | 2308 | 1002 | 769 |
| 78 | 690 | 850 | 1788 | 7055 | 4362 | 1620 | 836 | 484 | 391 | 534 | 925 | 1769 | 4140 | 7363 | 2104 | 911 | 690 |
| 79 | 611 | 765 | 1564 | 6632 | 3895 | 1431 | 709 | 412 | 350 | 460 | 813 | 1571 | 3600 | 7022 | 1862 | 819 | 611 |
| 80 | 549 | 686 | 1351 | 6123 | 3321 | 1259 | 621 | 362 | 310 | 400 | 700 | 1403 | 3085 | 6532 | 1632 | 743 | 549 |
| 81 | 472 | 611 | 1103 | 5417 | 2760 | 1099 | 532 | 315 | 274 | 349 | 606 | 1237 | 2517 | 5941 | 1363 | 655 | 472 |
| 82 | 402 | 537 | 892 | 4586 | 2192 | 928 | 438 | 258 | 240 | 295 | 515 | 1072 | 1958 | 5222 | 1129 | 589 | 402 |
| 83 | 347 | 467 | 706 | 3617 | 1638 | 718 | 335 | 215 | 208 | 246 | 420 | 895 | 1360 | 4255 | 895 | 514 | 347 |
| 84 | 280 | 392 | 556 | 2673 | 1133 | 530 | 242 | 174 | 159 | 201 | 318 | 691 | 906 | 3259 | 712 | 426 | 280 |
| 85 | 213 | 305 | 414 | 1783 | 684 | 368 | 166 | 124 | 133 | 157 | 229 | 508 | 583 | 2370 | 539 | 339 | 213 |
| 86 | 158 | 213 | 297 | 978 | 426 | 236 | 115 | 99 | 107 | 118 | 162 | 341 | 348 | 1440 | 369 | 245 | 158 |
| 87 | 92 | 128 | 159 | 420 | 246 | 124 | 78 | 66 | 82 | 82 | 104 | 202 | 193 | 750 | 211 | 151 | 92 |
| 88 | 66 | 60 | 62 | 117 | 134 | 68 | 49 | 39 | 56 | 48 | 76 | 121 | 109 | 305 | 95 | 85 | 66 |
| 89 | 48 | 41 | 46 | 57 | 73 | 30 | 33 | 29 | 34 | 32 | 54 | 65 | 58 | 101 | 47 | 38 | 48 |
| 90 | 37 | 34 | 40 | 50 | 51 | 39 | 26 | 26 | 29 | 29 | 48 | 44 | 51 | 50 | 39 | 43 | 37 |
| 91 | 28 | 29 | 44 | 50 | 54 | 35 | 30 | 24 | 27 | 24 | 33 | 43 | 48 | 51 | 38 | 36 | 28 |
| 92 | 43 | 35 | 35 | 38 | 57 | 42 | 26 | 22 | 29 | 36 | 44 | 39 | 42 | 53 | 40 | 35 | 43 |
| 93 | 40 | 34 | 39 | 41 | 48 | 43 | 24 | 18 | 31 | 29 | 39 | 41 | 46 | 45 | 29 | 33 | 40 |
| 94 | 43 | 34 | 36 | 38 | 51 | 37 | 25 | 24 | 27 | 35 | 39 | 34 | 47 | 44 | 34 | 32 | 43 |
| 95 | 31 | 35 | 28 | 31 | 50 | 41 | 18 | 24 | 25 | 30 | 48 | 31 | 47 | 42 | 36 | 27 | 31 |

| | | | | | | | | | | | | | | | | | |
|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 96 | 38 | 29 | 34 | 32 | 52 | 37 | 20 | 20 | 31 | 36 | 42 | 43 | 40 | 47 | 27 | 33 | 38 |
| 97 | 41 | 26 | 28 | 38 | 43 | 37 | 21 | 20 | 32 | 31 | 36 | 38 | 41 | 41 | 25 | 33 | 41 |
| 98 | 36 | 28 | 33 | 34 | 49 | 40 | 23 | 19 | 24 | 32 | 29 | 41 | 37 | 38 | 21 | 28 | 36 |
| 99 | 40 | 20 | 29 | 36 | 45 | 40 | 23 | 19 | 30 | 29 | 36 | 27 | 37 | 38 | 22 | 27 | 40 |
| 100 | 31 | 28 | 26 | 28 | 49 | 44 | 24 | 21 | 30 | 28 | 39 | 39 | 37 | 34 | 22 | 19 | 31 |
| 101 | 37 | 22 | 28 | 30 | 36 | 35 | 23 | 15 | 33 | 31 | 34 | 42 | 40 | 33 | 27 | 24 | 37 |
| 102 | 31 | 25 | 22 | 30 | 44 | 41 | 25 | 22 | 23 | 31 | 36 | 39 | 30 | 29 | 23 | 31 | 31 |
| 103 | 34 | 23 | 24 | 25 | 48 | 43 | 23 | 20 | 28 | 25 | 37 | 37 | 33 | 33 | 20 | 26 | 34 |
| 104 | 37 | 26 | 27 | 23 | 47 | 32 | 24 | 20 | 28 | 19 | 38 | 35 | 27 | 28 | 21 | 24 | 37 |
| 105 | 34 | 21 | 28 | 24 | 43 | 37 | 27 | 23 | 31 | 28 | 37 | 41 | 29 | 31 | 18 | 28 | 34 |
| 106 | 24 | 23 | 29 | 29 | 44 | 43 | 27 | 19 | 27 | 24 | 34 | 39 | 30 | 33 | 24 | 22 | 24 |
| 107 | 23 | 21 | 31 | 26 | 48 | 39 | 29 | 21 | 23 | 27 | 37 | 37 | 31 | 29 | 19 | 19 | 23 |
| 108 | 34 | 22 | 24 | 26 | 42 | 40 | 27 | 20 | 27 | 23 | 34 | 38 | 33 | 24 | 18 | 30 | 34 |
| 109 | 40 | 24 | 30 | 27 | 32 | 37 | 29 | 21 | 31 | 27 | 43 | 36 | 36 | 28 | 20 | 25 | 40 |
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| 119 | 28 | 24 | 23 | 29 | 42 | 39 | 23 | 20 | 37 | 29 | 33 | 30 | 23 | 24 | 17 | 21 | 28 |
| 120 | 23 | 23 | 25 | 17 | 42 | 37 | 23 | 27 | 32 | 26 | 28 | 23 | 33 | 27 | 20 | 20 | 23 |
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| | | | | | | | | | | | | | | | | | |
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| 147 | 30 | 22 | 28 | 26 | 34 | 38 | 31 | 24 | 26 | 32 | 36 | 34 | 29 | 22 | 13 | 25 | 30 |
| 148 | 31 | 24 | 23 | 22 | 34 | 34 | 24 | 26 | 35 | 24 | 34 | 29 | 35 | 31 | 16 | 25 | 31 |
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| 154 | 30 | 26 | 25 | 29 | 38 | 27 | 21 | 27 | 32 | 30 | 21 | 26 | 32 | 27 | 18 | 20 | 30 |
| 155 | 30 | 22 | 23 | 26 | 41 | 28 | 22 | 24 | 34 | 30 | 28 | 28 | 28 | 24 | 25 | 26 | 30 |
| 156 | 32 | 24 | 26 | 23 | 39 | 32 | 20 | 27 | 33 | 30 | 35 | 17 | 31 | 31 | 24 | 25 | 32 |
| 157 | 27 | 30 | 19 | 26 | 38 | 32 | 23 | 26 | 36 | 29 | 29 | 25 | 30 | 26 | 23 | 22 | 27 |
| 158 | 31 | 21 | 26 | 31 | 39 | 29 | 24 | 21 | 30 | 30 | 32 | 28 | 28 | 37 | 23 | 24 | 31 |
| 159 | 34 | 29 | 32 | 28 | 41 | 29 | 21 | 26 | 31 | 28 | 28 | 28 | 29 | 33 | 20 | 27 | 34 |
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| 162 | 31 | 30 | 15 | 26 | 32 | 36 | 26 | 23 | 34 | 29 | 24 | 26 | 32 | 33 | 16 | 25 | 31 |
| 163 | 31 | 27 | 34 | 27 | 43 | 30 | 25 | 27 | 29 | 31 | 34 | 29 | 32 | 24 | 23 | 17 | 31 |
| 164 | 28 | 29 | 27 | 25 | 30 | 23 | 28 | 21 | 33 | 29 | 34 | 29 | 32 | 30 | 23 | 19 | 28 |
| 165 | 33 | 22 | 31 | 29 | 31 | 40 | 22 | 23 | 32 | 31 | 33 | 28 | 34 | 25 | 23 | 21 | 33 |
| 166 | 29 | 26 | 26 | 26 | 36 | 34 | 23 | 27 | 34 | 30 | 27 | 32 | 35 | 25 | 29 | 25 | 29 |
| 167 | 29 | 25 | 30 | 25 | 36 | 34 | 20 | 27 | 30 | 20 | 27 | 32 | 34 | 28 | 29 | 22 | 29 |
| 168 | 26 | 31 | 32 | 31 | 38 | 32 | 25 | 20 | 32 | 31 | 28 | 23 | 33 | 26 | 13 | 23 | 26 |
| 169 | 26 | 28 | 35 | 27 | 45 | 28 | 19 | 29 | 28 | 32 | 32 | 29 | 30 | 28 | 14 | 20 | 26 |
| 170 | 34 | 26 | 30 | 31 | 42 | 31 | 24 | 22 | 26 | 21 | 30 | 29 | 34 | 26 | 20 | 28 | 34 |
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| 176 | 26 | 28 | 37 | 25 | 39 | 31 | 21 | 28 | 27 | 20 | 27 | 26 | 36 | 28 | 22 | 17 | 26 |
| 177 | 30 | 26 | 23 | 36 | 41 | 35 | 22 | 27 | 26 | 28 | 31 | 32 | 33 | 31 | 22 | 20 | 30 |
| 178 | 31 | 23 | 27 | 28 | 41 | 34 | 19 | 19 | 24 | 25 | 38 | 26 | 33 | 20 | 17 | 26 | 31 |
| 179 | 33 | 25 | 24 | 28 | 46 | 29 | 20 | 22 | 30 | 24 | 25 | 24 | 37 | 28 | 16 | 29 | 33 |
| 180 | 29 | 22 | 29 | 29 | 38 | 33 | 25 | 26 | 31 | 26 | 32 | 29 | 27 | 28 | 19 | 24 | 29 |

Luminaire Report Summary

IESNA:LM-63-2002
[TEST]
[TESTLAB] Shenzhen Belling Test Laboratory
[ISSUE DATE] 2018-5-24 14:35
[MANUFAC] SARIN Energy Inc
[LUMINAIRE] SES-SB7-4000-200-T3-480V
[_TOTALLUMINAIRELUMENS] 25609.7
[VOLTAGE] 480.4 V
[CURRENT] 0.4401 A
[POWERFACTOR] 0.988
[TESTINST] GPM-3000
[TESTDIST] 17.398 M
[TESTTEMPERATURE] 29.3 'C
[TESTHUMIDITY]
[TESTOPERATOR]
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.