

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SP-00625\_9 ~ SGE6BX80L-35KMD-DO101-AR6BXSGWF.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] SP-00625\_9  
[TESTLAB] Spectrum Lighting Photometric Lab, VLS-245-981  
[MANUFAC] Spectrum Lighting  
[ISSUE DATE] 6/7/2018  
[UPDATE] 7/11/2018  
[LUMCAT] SGE6BX-80L-35K-MD-DO101-AR6BX-SGWF  
[LUMINAIRE] Nom. 6" Diam x 9" H, Open aperture  
[OTHER] Semi diffuse aluminum reflector trim  
[OTHER] Deep regressed high output LED downlight  
[OTHER] BX Series, Medium Beam  
[OTHER] 33.6 Deg Beam Angle  
[LAMPCAT] N/A  
[LAMP] N/A, Bridgelux Vero 29  
[OTHER] Dimmable driver tested at 100% output  
[OTHER] Tested CCT: 3500K  
[OTHER] CCT Output: 27K x 0.932, 30K x 1.00, 40K x 1.01  
[OTHER] This report prepared by Spectrum Lighting

**CHARACTERISTICS**

|                                 |                    |
|---------------------------------|--------------------|
| Lumens Per Lamp                 | N.A. (absolute)    |
| Total Lamp Lumens               | N.A. (absolute)    |
| Luminaire Lumens                | 6163               |
| Total Luminaire Efficiency      | N.A.               |
| Luminaire Efficacy Rating (LER) | 103                |
| Total Luminaire Watts           | 60                 |
| Ballast Factor                  | 1.00               |
| CIE Type                        | Direct             |
| Spacing Criterion (0-180)       | 0.56               |
| Spacing Criterion (90-270)      | 0.56               |
| Spacing Criterion (Diagonal)    | 0.58               |
| Basic Luminous Shape            | Circular           |
| Luminous Length (0-180)         | 0.48 ft (Diameter) |
| Luminous Width (90-270)         | 0.48 ft (Diameter) |
| Luminous Height                 | 0.00 ft            |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SP-00625\_9 ~ SGE6BX80L-35KMD-DO101-AR6BXSGWF.IES****LUMINANCE DATA (cd/sq.m)**

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 991              | 1001              | 969               |
| 55                  | 259              | 203               | 333               |
| 65                  | 322              | 154               | 101               |
| 75                  | 112              | 121               | 210               |
| 85                  | 685              | 840               | 753               |

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## CANDELA TABULATION

|       | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> | <u>202.5</u> |
|-------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 0.0   | 17603.980  | 17603.980   | 17603.980   | 17603.980   | 17603.980   | 17603.980    | 17603.980    | 17603.980    | 17603.980    | 17603.980    |
| 2.5   | 17146.449  | 17278.721   | 17002.641   | 17212.170   | 16986.740   | 17200.971    | 16876.449    | 17305.400    | 17079.721    | 17473.779    |
| 5.0   | 16064.810  | 15929.790   | 15905.920   | 15861.250   | 15743.540   | 15781.750    | 15867.190    | 15928.400    | 16163.190    | 16215.920    |
| 7.5   | 14684.690  | 14553.320   | 14498.570   | 14442.720   | 14376.180   | 14335.370    | 14402.110    | 14507.910    | 14649.910    | 14781.490    |
| 10.0  | 13148.510  | 13019.330   | 13015.580   | 12949.720   | 12943.910   | 12876.210    | 12930.770    | 12968.620    | 13097.510    | 13181.100    |
| 12.5  | 11553.380  | 11477.590   | 11469.480   | 11453.060   | 11454.630   | 11416.820    | 11430.450    | 11426.730    | 11481.090    | 11560.320    |
| 15.0  | 9929.662   | 9895.716    | 9909.608    | 9905.600    | 9937.689    | 9921.164     | 9927.504     | 9904.602     | 9890.735     | 9931.068     |
| 17.5  | 8320.904   | 8316.298    | 8317.186    | 8356.371    | 8382.053    | 8424.816     | 8413.147     | 8382.753     | 8340.173     | 8300.920     |
| 20.0  | 6719.094   | 6748.448    | 6718.116    | 6829.962    | 6808.451    | 6893.437     | 6904.688     | 6883.764     | 6845.978     | 6808.036     |
| 22.5  | 5227.538   | 5201.956    | 5263.056    | 5304.032    | 5304.616    | 5362.909     | 5419.247     | 5385.902     | 5434.417     | 5327.594     |
| 25.0  | 3783.316   | 3747.558    | 3833.986    | 3833.469    | 3830.736    | 3860.953     | 3946.521     | 3949.304     | 4022.256     | 3947.097     |
| 27.5  | 2458.684   | 2368.825    | 2482.519    | 2365.917    | 2480.394    | 2380.446     | 2520.623     | 2524.078     | 2609.274     | 2574.120     |
| 30.0  | 1182.242   | 1290.119    | 1144.029    | 1349.402    | 1180.699    | 1348.860     | 1274.262     | 1452.057     | 1457.192     | 1507.920     |
| 32.5  | 555.326    | 401.183     | 588.162     | 349.166     | 553.019     | 365.397      | 628.188      | 419.286      | 648.424      | 460.202      |
| 35.0  | 173.645    | 207.010     | 145.731     | 195.208     | 179.085     | 205.368      | 124.641      | 232.538      | 166.716      | 241.709      |
| 37.5  | 56.687     | 52.695      | 66.276      | 45.703      | 61.102      | 55.594       | 72.822       | 55.453       | 87.225       | 61.090       |
| 40.0  | 33.194     | 33.584      | 34.908      | 30.836      | 35.155      | 38.215       | 32.043       | 36.824       | 38.167       | 40.618       |
| 42.5  | 20.685     | 17.819      | 22.358      | 16.502      | 21.345      | 21.793       | 23.264       | 19.204       | 25.110       | 25.191       |
| 45.0  | 11.794     | 12.606      | 11.906      | 12.580      | 11.535      | 16.163       | 15.291       | 14.184       | 15.918       | 16.823       |
| 47.5  | 7.275      | 8.230       | 8.085       | 8.726       | 8.542       | 10.785       | 9.541        | 9.327        | 11.003       | 8.579        |
| 50.0  | 4.096      | 6.316       | 4.924       | 5.970       | 7.681       | 7.729        | 5.004        | 6.248        | 7.856        | 5.779        |
| 52.5  | 3.003      | 4.679       | 3.377       | 3.426       | 5.620       | 4.905        | 3.543        | 3.394        | 6.590        | 3.022        |
| 55.0  | 2.503      | 3.799       | 1.959       | 3.499       | 3.218       | 4.006        | 2.464        | 2.550        | 5.264        | 2.501        |
| 57.5  | 2.078      | 2.952       | 2.241       | 3.490       | 2.212       | 3.076        | 2.312        | 1.814        | 3.878        | 2.006        |
| 60.0  | 1.672      | 2.188       | 2.639       | 2.607       | 1.581       | 1.930        | 2.170        | 1.949        | 2.704        | 2.654        |
| 62.5  | 1.902      | 1.650       | 1.895       | 1.896       | 1.127       | 0.962        | 2.054        | 1.946        | 1.731        | 3.243        |
| 65.0  | 2.287      | 1.651       | 1.092       | 2.688       | 0.716       | 1.147        | 1.848        | 0.984        | 1.331        | 2.211        |
| 67.5  | 1.785      | 1.540       | 0.928       | 3.399       | 0.852       | 1.265        | 1.453        | 0.274        | 1.441        | 1.247        |
| 70.0  | 1.125      | 1.232       | 0.755       | 3.757       | 1.070       | 1.080        | 1.120        | 0.822        | 1.258        | 1.016        |
| 72.5  | 0.655      | 0.946       | 0.486       | 3.266       | 0.891       | 0.886        | 0.873        | 1.163        | 0.884        | 0.799        |
| 75.0  | 0.488      | 0.692       | 0.529       | 1.706       | 0.913       | 0.678        | 1.146        | 1.113        | 0.919        | 0.622        |
| 77.5  | 0.806      | 1.054       | 0.900       | 2.723       | 1.212       | 1.283        | 1.475        | 1.022        | 0.901        | 0.684        |
| 80.0  | 1.418      | 1.038       | 1.319       | 2.600       | 0.941       | 1.793        | 0.780        | 0.955        | 0.594        | 0.787        |
| 82.5  | 1.399      | 0.628       | 1.255       | 1.680       | 1.146       | 1.341        | 0.863        | 0.976        | 0.953        | 0.571        |
| 85.0  | 1.004      | 0.881       | 1.232       | 1.160       | 1.104       | 0.498        | 1.184        | 0.509        | 1.392        | 0.707        |
| 87.5  | 0.800      | 0.536       | 0.898       | 0.994       | 0.896       | 1.303        | 0.548        | 0.930        | 0.818        | 1.035        |
| 90.0  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.567        | 0.934        | 0.958        | 0.751        | 0.956        |
| 92.5  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 95.0  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 97.5  | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 100.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 102.5 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 105.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 107.5 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 110.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 112.5 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 115.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 117.5 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 120.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 122.5 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |
| 125.0 | 0.000      | 0.000       | 0.000       | 0.000       | 0.000       | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        |

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## CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Vert.  
Angles

## Horizontal Angles

|      | <u>225.0</u> | <u>247.5</u> | <u>270.0</u> | <u>292.5</u> | <u>315.0</u> | <u>337.5</u> | <u>360.0</u> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 17603.980    | 17603.980    | 17603.980    | 17603.980    | 17603.980    | 17603.980    | 17603.980    |
| 2.5  | 17225.650    | 17677.920    | 17393.000    | 17738.520    | 17287.869    | 17556.320    | 17146.449    |
| 5.0  | 16454.020    | 16368.190    | 16623.211    | 16439.670    | 16522.010    | 16228.120    | 16064.810    |
| 7.5  | 14863.790    | 15027.800    | 15042.470    | 15121.320    | 15027.460    | 14883.420    | 14684.690    |
| 10.0 | 13255.530    | 13362.730    | 13415.730    | 13431.890    | 13419.490    | 13283.810    | 13148.510    |
| 12.5 | 11587.500    | 11694.790    | 11713.690    | 11742.510    | 11722.650    | 11679.080    | 11553.380    |
| 15.0 | 9930.722     | 10000.800    | 10022.950    | 10053.830    | 10013.120    | 10010.250    | 9929.662     |
| 17.5 | 8308.027     | 8324.831     | 8349.455     | 8376.315     | 8368.060     | 8351.624     | 8320.904     |
| 20.0 | 6738.016     | 6791.014     | 6777.980     | 6834.052     | 6730.844     | 6799.989     | 6719.094     |
| 22.5 | 5319.494     | 5277.708     | 5353.884     | 5308.921     | 5329.056     | 5261.809     | 5227.538     |
| 25.0 | 3916.500     | 3907.069     | 3956.768     | 3958.378     | 3953.077     | 3844.402     | 3783.316     |
| 27.5 | 2554.502     | 2572.414     | 2596.577     | 2631.424     | 2619.218     | 2465.609     | 2458.684     |
| 30.0 | 1375.781     | 1460.949     | 1473.277     | 1510.992     | 1289.127     | 1388.773     | 1182.242     |
| 32.5 | 658.412      | 482.701      | 657.232      | 492.829      | 681.023      | 422.866      | 555.326      |
| 35.0 | 138.517      | 247.723      | 167.372      | 256.702      | 126.411      | 222.763      | 173.645      |
| 37.5 | 77.240       | 48.905       | 78.630       | 48.833       | 61.702       | 48.291       | 56.687       |
| 40.0 | 31.731       | 32.904       | 26.437       | 32.118       | 25.964       | 31.696       | 33.194       |
| 42.5 | 20.652       | 18.632       | 16.870       | 16.999       | 17.018       | 16.805       | 20.685       |
| 45.0 | 11.742       | 12.326       | 10.925       | 11.518       | 9.267        | 11.366       | 11.794       |
| 47.5 | 7.289        | 6.876        | 8.986        | 6.610        | 6.129        | 6.392        | 7.275        |
| 50.0 | 4.230        | 5.040        | 6.739        | 4.823        | 3.131        | 3.753        | 4.096        |
| 52.5 | 3.869        | 3.573        | 4.168        | 3.299        | 2.739        | 1.622        | 3.003        |
| 55.0 | 3.310        | 3.543        | 2.817        | 3.070        | 2.390        | 1.818        | 2.503        |
| 57.5 | 2.386        | 3.273        | 2.683        | 2.857        | 2.103        | 1.853        | 2.078        |
| 60.0 | 1.683        | 2.140        | 2.259        | 2.713        | 1.812        | 1.217        | 1.672        |
| 62.5 | 1.361        | 1.339        | 1.562        | 2.471        | 1.140        | 0.877        | 1.902        |
| 65.0 | 1.158        | 1.640        | 1.251        | 1.821        | 0.511        | 1.679        | 2.287        |

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|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 67.5  | 1.145 | 1.881 | 1.284 | 1.276 | 0.818 | 2.066 | 1.785 |
| 70.0  | 0.890 | 1.960 | 1.145 | 1.007 | 1.051 | 1.410 | 1.125 |
| 72.5  | 0.370 | 1.781 | 0.891 | 0.904 | 0.982 | 1.120 | 0.655 |
| 75.0  | 0.932 | 1.266 | 0.813 | 0.957 | 0.810 | 1.157 | 0.488 |
| 77.5  | 1.587 | 1.261 | 0.915 | 0.979 | 0.561 | 0.562 | 0.806 |
| 80.0  | 1.101 | 1.143 | 1.436 | 0.759 | 0.433 | 0.404 | 1.418 |
| 82.5  | 0.723 | 0.609 | 1.088 | 0.607 | 0.586 | 0.603 | 1.399 |
| 85.0  | 0.779 | 0.630 | 0.864 | 1.061 | 1.282 | 0.641 | 1.004 |
| 87.5  | 0.467 | 0.669 | 1.060 | 0.786 | 0.813 | 0.601 | 0.800 |
| 90.0  | 0.706 | 0.766 | 0.920 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : SP-00625\_9 ~ SGE6BX80L-35KMD-DO101-AR6BXSGWF.IES****ZONAL LUMEN SUMMARY**

| Zone    | Lumens  | %Lamp | %Fixt  |
|---------|---------|-------|--------|
| 0-20    | 4175.01 | N.A.  | 67.70  |
| 0-30    | 5928.94 | N.A.  | 96.20  |
| 0-40    | 6145.13 | N.A.  | 99.70  |
| 0-60    | 6159.55 | N.A.  | 99.90  |
| 0-80    | 6162.25 | N.A.  | 100.00 |
| 0-90    | 6163.19 | N.A.  | 100.00 |
| 10-90   | 4718.76 | N.A.  | 76.60  |
| 20-40   | 1970.12 | N.A.  | 32.00  |
| 20-50   | 1981.58 | N.A.  | 32.20  |
| 40-70   | 15.98   | N.A.  | 0.30   |
| 60-80   | 2.70    | N.A.  | 0.00   |
| 70-80   | 1.13    | N.A.  | 0.00   |
| 80-90   | 0.94    | N.A.  | 0.00   |
| 90-110  | 0.06    | N.A.  | 0.00   |
| 90-120  | 0.06    | N.A.  | 0.00   |
| 90-130  | 0.06    | N.A.  | 0.00   |
| 90-150  | 0.06    | N.A.  | 0.00   |
| 90-180  | 0.06    | N.A.  | 0.00   |
| 110-180 | 0.00    | N.A.  | 0.00   |
| 0-180   | 6163.24 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 1444.43 |
| 10-20   | 2730.59 |
| 20-30   | 1753.92 |
| 30-40   | 216.20  |
| 40-50   | 11.47   |
| 50-60   | 2.95    |
| 60-70   | 1.56    |
| 70-80   | 1.13    |
| 80-90   | 0.94    |
| 90-100  | 0.06    |
| 100-110 | 0.00    |
| 110-120 | 0.00    |
| 120-130 | 0.00    |
| 130-140 | 0.00    |
| 140-150 | 0.00    |
| 150-160 | 0.00    |
| 160-170 | 0.00    |
| 170-180 | 0.00    |

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : SP-00625\_9 ~ SGE6BX80L-35KMD-DO101-AR6BXSGWF.IES

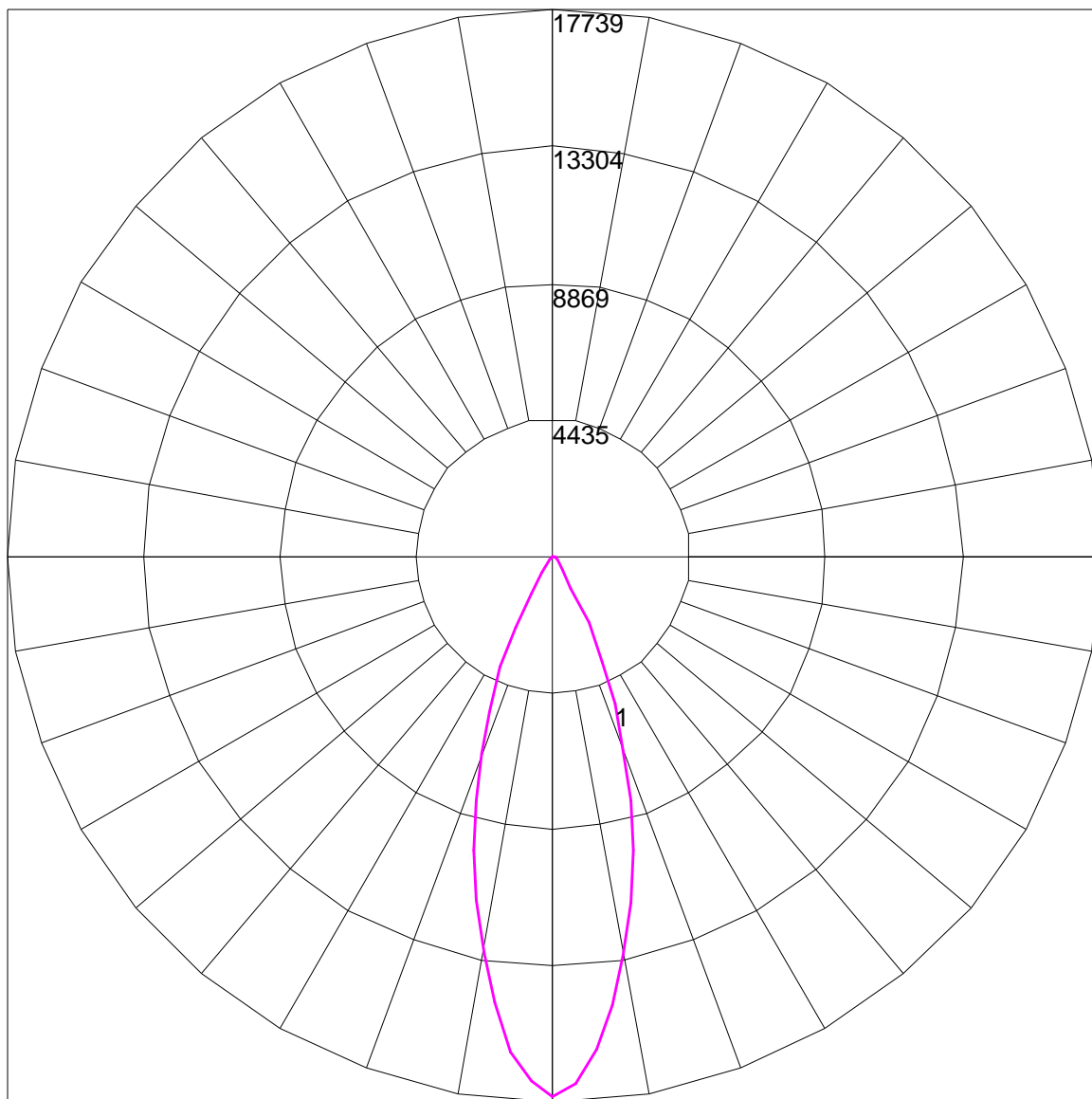
## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80  |     |     |     | 70  |     |     |     | 50  |     |     | 30  |     |     | 10  |     |     | 0   |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RW | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 50  | 30  | 10  | 0   |
| 0  | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1  | 115 | 112 | 110 | 109 | 112 | 110 | 108 | 107 | 106 | 105 | 104 | 103 | 102 | 100 | 99  | 98  | 98  | 96  |
| 2  | 111 | 107 | 103 | 101 | 108 | 105 | 102 | 100 | 102 | 99  | 97  | 99  | 97  | 95  | 96  | 95  | 93  | 92  |
| 3  | 107 | 101 | 98  | 94  | 105 | 100 | 97  | 94  | 98  | 95  | 92  | 95  | 93  | 91  | 93  | 91  | 90  | 88  |
| 4  | 103 | 97  | 93  | 89  | 101 | 96  | 92  | 89  | 94  | 90  | 88  | 92  | 89  | 87  | 90  | 88  | 86  | 85  |
| 5  | 99  | 93  | 88  | 85  | 98  | 92  | 88  | 85  | 90  | 87  | 84  | 89  | 86  | 83  | 87  | 85  | 82  | 81  |
| 6  | 96  | 89  | 84  | 81  | 95  | 88  | 84  | 81  | 87  | 83  | 80  | 86  | 82  | 80  | 84  | 81  | 79  | 78  |
| 7  | 93  | 85  | 81  | 78  | 91  | 85  | 80  | 77  | 84  | 80  | 77  | 83  | 79  | 77  | 82  | 79  | 76  | 75  |
| 8  | 89  | 82  | 78  | 74  | 88  | 82  | 77  | 74  | 81  | 77  | 74  | 80  | 76  | 74  | 79  | 76  | 73  | 72  |
| 9  | 87  | 79  | 75  | 72  | 86  | 79  | 74  | 71  | 78  | 74  | 71  | 77  | 74  | 71  | 76  | 73  | 71  | 70  |
| 10 | 84  | 76  | 72  | 69  | 83  | 76  | 72  | 69  | 75  | 71  | 69  | 75  | 71  | 69  | 74  | 71  | 68  | 67  |

IES INDOOR REPORT  
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POLAR GRAPH



Maximum Candela = 17738.52 Located At Horizontal Angle = 292.5, Vertical Angle = 2.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)