

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TEST] SP-00713_M-27L

[TESTLAB] Spectrum Lighting Photometric lab, VLS-245-981

[MANUFAC] Spectrum Lighting

[ISSUEDATE] 9/17/2018

[UPDATE] 10/25/2018

[LUMCAT] BP1616GV-27L-35K-EX-TF2-MWI

[LUMINAIRE] Nom. 16" diam reflector x 16.2" H Decorative Bueno Pendant

[OTHER] Spun aluminum, matte white interior finish

[OTHER] Regressed 4" domed frosted diffuser

[OTHER] Beam Angle: 53.9 degrees

[LAMP] N/A, Gen3

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] CCT Multipliers: 27K x 0.971, 30K x 0.985, 40K x 1.03

[OTHER] This report generated by Spectrum Lighting, scaled from 55L

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 1345 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 75 |
| Total Luminaire Watts | 18 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.14 |
| Spacing Criterion (90-270) | 1.14 |
| Spacing Criterion (Diagonal) | 0.98 |
| Basic Luminous Shape | Circular |
| Luminous Length (0-180) | 1.33 ft (Diameter) |
| Luminous Width (90-270) | 1.33 ft (Diameter) |
| Luminous Height | 0.00 ft |

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SP-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES****LUMINANCE DATA (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 2412 | 2412 | 2412 |
| 55 | 2113 | 2113 | 2113 |
| 65 | 1675 | 1675 | 1675 |
| 75 | 1203 | 1203 | 1203 |
| 85 | 343 | 343 | 343 |

IES INDOOR REPORT
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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 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 |
| 2.5 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 |
| 5.0 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 |
| 7.5 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 |
| 10.0 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 |
| 12.5 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 |
| 15.0 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 |
| 17.5 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 |
| 20.0 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 |
| 22.5 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 |
| 25.0 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 |
| 27.5 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 |
| 30.0 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 |
| 32.5 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 |
| 35.0 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 |
| 37.5 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 |
| 40.0 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 |
| 42.5 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 |
| 45.0 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 |
| 47.5 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 |
| 50.0 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 |
| 52.5 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 |
| 55.0 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 |
| 57.5 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 |
| 60.0 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 |
| 62.5 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 |
| 65.0 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 |
| 67.5 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 |
| 70.0 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 |
| 72.5 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 |
| 75.0 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 |
| 77.5 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 |
| 80.0 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 |
| 82.5 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 |
| 85.0 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 |
| 87.5 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 |
| 90.0 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 |
| 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 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES

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 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 | 800.257 |
| 2.5 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 | 800.831 |
| 5.0 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 | 801.553 |
| 7.5 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 | 805.927 |
| 10.0 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 | 810.901 |
| 12.5 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 | 821.350 |
| 15.0 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 | 832.241 |
| 17.5 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 | 846.344 |
| 20.0 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 | 859.075 |
| 22.5 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 | 847.502 |
| 25.0 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 | 822.747 |
| 27.5 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 | 701.827 |
| 30.0 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 | 577.949 |
| 32.5 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 | 441.191 |
| 35.0 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 | 327.744 |
| 37.5 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 | 284.404 |
| 40.0 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 | 249.983 |
| 42.5 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 | 234.909 |
| 45.0 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 | 220.313 |
| 47.5 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 | 206.497 |
| 50.0 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 | 191.178 |
| 52.5 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 | 173.983 |
| 55.0 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 | 156.548 |
| 57.5 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 | 138.885 |
| 60.0 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 | 122.245 |
| 62.5 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 | 106.363 |
| 65.0 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 | 91.460 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : SP-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 67.5 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 | 77.110 |
| 70.0 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 | 64.140 |
| 72.5 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 | 51.643 |
| 75.0 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 | 40.238 |
| 77.5 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 | 29.639 |
| 80.0 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 | 19.946 |
| 82.5 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 | 10.943 |
| 85.0 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 | 3.865 |
| 87.5 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 | 0.657 |
| 90.0 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 | 0.403 |
| 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-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 313.89 | N.A. | 23.30 |
| 0-30 | 667.67 | N.A. | 49.60 |
| 0-40 | 894.16 | N.A. | 66.50 |
| 0-60 | 1204.2 | N.A. | 89.50 |
| 0-80 | 1338.28 | N.A. | 99.50 |
| 0-90 | 1345.24 | N.A. | 100.00 |
| 10-90 | 1268.39 | N.A. | 94.30 |
| 20-40 | 580.26 | N.A. | 43.10 |
| 20-50 | 750.47 | N.A. | 55.80 |
| 40-70 | 401.03 | N.A. | 29.80 |
| 60-80 | 134.07 | N.A. | 10.00 |
| 70-80 | 43.09 | N.A. | 3.20 |
| 80-90 | 6.97 | N.A. | 0.50 |
| 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 | 1345.3 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 76.85 |
| 10-20 | 237.04 |
| 20-30 | 353.78 |
| 30-40 | 226.48 |
| 40-50 | 170.21 |
| 50-60 | 139.84 |
| 60-70 | 90.98 |
| 70-80 | 43.09 |
| 80-90 | 6.97 |
| 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-00713 ~ BP1616GV-27L35K-EX-TF2-MWI.IES

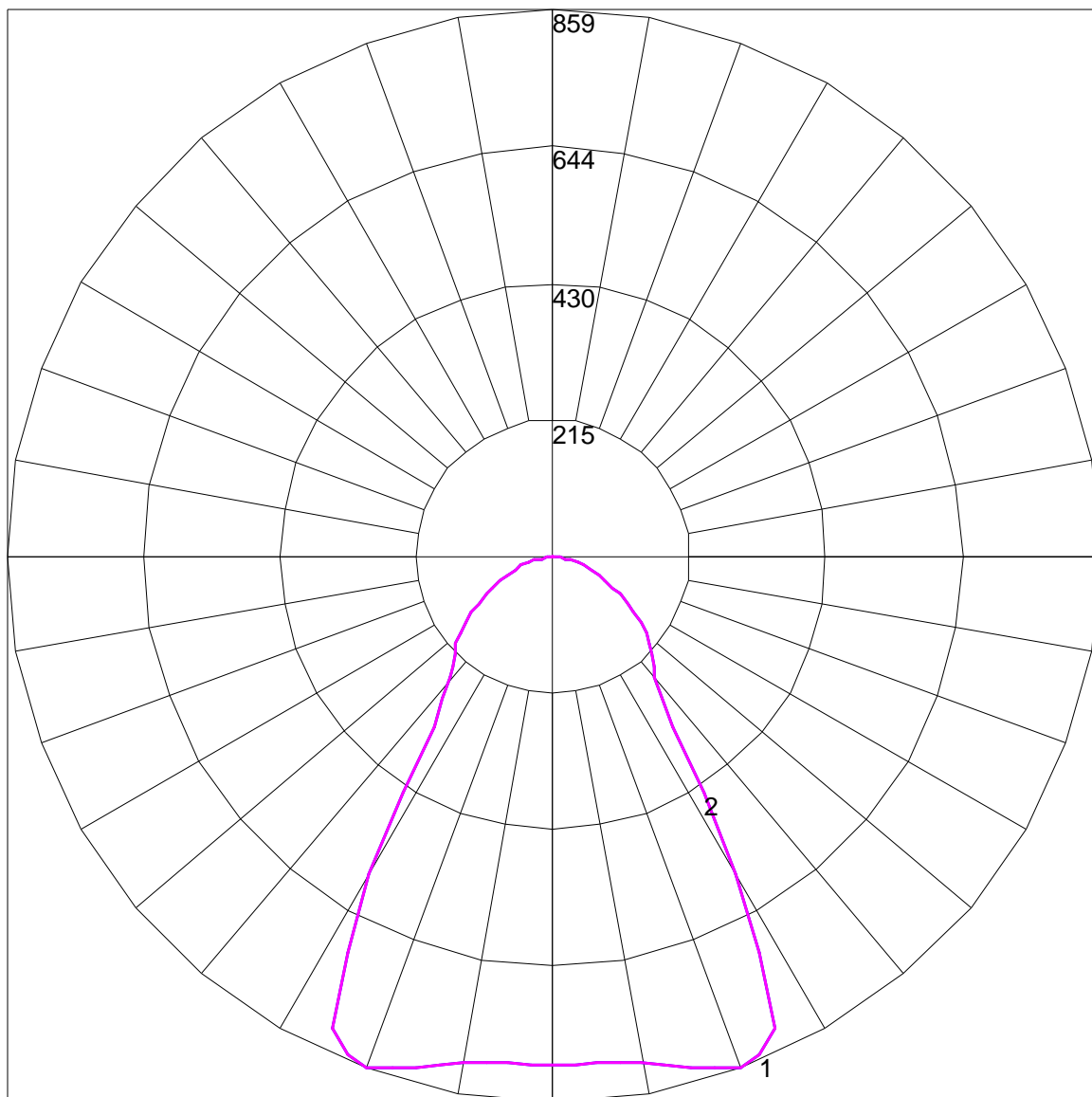
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 | 111 | 107 | 104 | 101 | 109 | 105 | 102 | 99 | 101 | 99 | 96 | 97 | 95 | 93 | 94 | 92 | 91 | 89 |
| 2 | 103 | 97 | 91 | 87 | 101 | 95 | 90 | 86 | 91 | 87 | 84 | 88 | 85 | 82 | 85 | 83 | 80 | 78 |
| 3 | 96 | 87 | 81 | 75 | 94 | 86 | 80 | 75 | 83 | 78 | 74 | 81 | 76 | 72 | 78 | 74 | 71 | 69 |
| 4 | 89 | 80 | 72 | 67 | 87 | 78 | 71 | 66 | 76 | 70 | 65 | 74 | 69 | 65 | 72 | 67 | 64 | 62 |
| 5 | 84 | 73 | 65 | 60 | 82 | 72 | 65 | 59 | 70 | 64 | 59 | 68 | 62 | 58 | 66 | 61 | 58 | 56 |
| 6 | 78 | 67 | 59 | 54 | 76 | 66 | 59 | 54 | 64 | 58 | 53 | 63 | 57 | 53 | 61 | 56 | 52 | 51 |
| 7 | 73 | 62 | 54 | 49 | 72 | 61 | 54 | 49 | 60 | 53 | 49 | 58 | 53 | 48 | 57 | 52 | 48 | 46 |
| 8 | 69 | 57 | 50 | 45 | 68 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 44 | 53 | 48 | 44 | 42 |
| 9 | 65 | 53 | 46 | 41 | 64 | 53 | 46 | 41 | 52 | 45 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 |
| 10 | 62 | 50 | 43 | 38 | 60 | 49 | 43 | 38 | 49 | 42 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 36 |

IES INDOOR REPORT
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POLAR GRAPH



Maximum Candela = 859.075 Located At Horizontal Angle = 0, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)