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IES INDOOR REPORT
PHOTOMETRIC FILENAME : SL-PRO-24DC-02-24-01.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 3911
[_ECN] 3935
[TESTLAB] Tempo LLC
[ISSUEDATE] 9/17/2019 2:52:39 PM
[MANUFAC] Tempo LLC
[LUMCAT] SL-PRO-24DC-02-24-01
[LUMINAIRE] Aluminum housing with opal lens
[LAMP] Fifty-four (54) white LEDs (2400K)
[_ELECTRICALS] 24.01 VDC, 0.08 A, 1.00 PF

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 51 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 25 |
| Total Luminaire Watts | 2.03 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.34 |
| Spacing Criterion (90-270) | 1.28 |
| Spacing Criterion (Diagonal) | 1.44 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.06 ft |
| Luminous Width (90-270) | 1.00 ft |
| Luminous Height | 0.04 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 1549 | 1618 | 2198 |
| 55 | 1454 | 1474 | 2084 |
| 65 | 1392 | 1345 | 1869 |
| 75 | 1391 | 1267 | 1427 |
| 85 | 1379 | 1300 | 522 |

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CANDELA TABULATION

| | <u>0</u> | <u>5</u> | <u>10</u> | <u>15</u> | <u>20</u> | <u>25</u> | <u>30</u> | <u>35</u> | <u>40</u> | <u>45</u> |
|--------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 |
| 2.5 | 13.74 | 13.72 | 13.70 | 13.70 | 13.70 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 |
| 5.0 | 13.70 | 13.68 | 13.67 | 13.67 | 13.67 | 13.68 | 13.68 | 13.68 | 13.68 | 13.67 |
| 7.5 | 13.63 | 13.62 | 13.61 | 13.61 | 13.61 | 13.62 | 13.62 | 13.62 | 13.61 | 13.61 |
| 10.0 | 13.54 | 13.53 | 13.52 | 13.53 | 13.52 | 13.53 | 13.53 | 13.53 | 13.52 | 13.52 |
| 12.5 | 13.42 | 13.42 | 13.41 | 13.42 | 13.42 | 13.42 | 13.41 | 13.41 | 13.41 | 13.40 |
| 15.0 | 13.29 | 13.29 | 13.29 | 13.29 | 13.29 | 13.29 | 13.28 | 13.28 | 13.27 | 13.26 |
| 17.5 | 13.14 | 13.14 | 13.14 | 13.14 | 13.13 | 13.13 | 13.12 | 13.12 | 13.11 | 13.10 |
| 20.0 | 12.98 | 12.97 | 12.97 | 12.97 | 12.96 | 12.96 | 12.94 | 12.93 | 12.92 | 12.91 |
| 22.5 | 12.79 | 12.79 | 12.78 | 12.78 | 12.77 | 12.76 | 12.75 | 12.73 | 12.72 | 12.70 |
| 25.0 | 12.60 | 12.60 | 12.59 | 12.58 | 12.56 | 12.55 | 12.52 | 12.51 | 12.49 | 12.47 |
| 27.5 | 12.39 | 12.38 | 12.37 | 12.36 | 12.34 | 12.32 | 12.30 | 12.27 | 12.24 | 12.22 |
| 30.0 | 12.17 | 12.15 | 12.13 | 12.12 | 12.11 | 12.08 | 12.04 | 12.01 | 11.98 | 11.94 |
| 32.5 | 11.93 | 11.92 | 11.91 | 11.89 | 11.86 | 11.82 | 11.79 | 11.74 | 11.70 | 11.65 |
| 35.0 | 11.69 | 11.67 | 11.65 | 11.63 | 11.59 | 11.55 | 11.51 | 11.46 | 11.41 | 11.35 |
| 37.5 | 11.43 | 11.41 | 11.39 | 11.36 | 11.32 | 11.27 | 11.22 | 11.16 | 11.09 | 11.03 |
| 40.0 | 11.17 | 11.15 | 11.13 | 11.09 | 11.04 | 10.98 | 10.92 | 10.85 | 10.77 | 10.69 |
| 42.5 | 10.90 | 10.87 | 10.85 | 10.80 | 10.75 | 10.68 | 10.60 | 10.52 | 10.43 | 10.34 |
| 45.0 | 10.61 | 10.59 | 10.56 | 10.51 | 10.45 | 10.37 | 10.29 | 10.19 | 10.09 | 9.98 |
| 47.5 | 10.33 | 10.30 | 10.27 | 10.21 | 10.15 | 10.05 | 9.96 | 9.84 | 9.73 | 9.60 |
| 50.0 | 10.05 | 10.02 | 9.98 | 9.91 | 9.83 | 9.73 | 9.62 | 9.49 | 9.36 | 9.22 |
| 52.5 | 9.76 | 9.72 | 9.68 | 9.60 | 9.52 | 9.41 | 9.28 | 9.14 | 8.99 | 8.83 |
| 55.0 | 9.46 | 9.43 | 9.38 | 9.30 | 9.21 | 9.08 | 8.95 | 8.78 | 8.61 | 8.43 |
| 57.5 | 9.17 | 9.13 | 9.08 | 8.99 | 8.90 | 8.76 | 8.61 | 8.42 | 8.24 | 8.03 |
| 60.0 | 8.87 | 8.83 | 8.78 | 8.69 | 8.60 | 8.44 | 8.27 | 8.07 | 7.86 | 7.63 |
| 62.5 | 8.59 | 8.54 | 8.49 | 8.40 | 8.31 | 8.13 | 7.94 | 7.72 | 7.49 | 7.24 |
| 65.0 | 8.31 | 8.26 | 8.21 | 8.13 | 8.04 | 7.83 | 7.62 | 7.38 | 7.13 | 6.85 |
| 67.5 | 8.03 | 7.98 | 7.93 | 7.82 | 7.70 | 7.50 | 7.30 | 7.04 | 6.78 | 6.48 |
| 70.0 | 7.76 | 7.71 | 7.65 | 7.53 | 7.41 | 7.20 | 6.99 | 6.72 | 6.45 | 6.13 |
| 72.5 | 7.52 | 7.46 | 7.40 | 7.27 | 7.14 | 6.93 | 6.71 | 6.43 | 6.14 | 5.79 |
| 75.0 | 7.30 | 7.24 | 7.18 | 7.05 | 6.91 | 6.69 | 6.46 | 6.15 | 5.84 | 5.47 |
| 77.5 | 7.12 | 7.06 | 7.00 | 6.86 | 6.72 | 6.48 | 6.25 | 5.93 | 5.60 | 5.20 |
| 80.0 | 6.95 | 6.89 | 6.83 | 6.70 | 6.55 | 6.32 | 6.08 | 5.74 | 5.40 | 4.98 |
| 82.5 | 6.58 | 6.53 | 6.48 | 6.37 | 6.25 | 6.05 | 5.84 | 5.54 | 5.24 | 4.81 |
| 85.0 | 6.02 | 5.97 | 5.93 | 5.81 | 5.69 | 5.50 | 5.31 | 5.05 | 4.78 | 4.43 |
| 87.5 | 5.24 | 5.20 | 5.16 | 5.05 | 4.93 | 4.75 | 4.56 | 4.30 | 4.04 | 3.72 |
| 90.0 | 4.34 | 4.30 | 4.26 | 4.14 | 4.02 | 3.84 | 3.65 | 3.40 | 3.15 | 2.84 |
| 95.0 | 2.82 | 2.77 | 2.73 | 2.59 | 2.45 | 2.24 | 2.03 | 1.74 | 1.46 | 1.14 |
| 100.0 | 0.47 | 0.45 | 0.41 | 0.32 | 0.23 | 0.17 | 0.10 | 0.08 | 0.06 | 0.06 |
| 105.0 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| 110.0 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 115.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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CANDELA TABULATION - (Cont.)

180.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

Vert. Horizontal Angles
Angles

| | <u>50</u> | <u>55</u> | <u>60</u> | <u>65</u> | <u>70</u> | <u>75</u> | <u>80</u> | <u>85</u> | <u>90</u> |
|-------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 | 13.71 |
| 2.5 | 13.71 | 13.70 | 13.69 | 13.70 | 13.70 | 13.69 | 13.68 | 13.69 | 13.68 |
| 5.0 | 13.67 | 13.67 | 13.66 | 13.66 | 13.65 | 13.65 | 13.64 | 13.64 | 13.64 |
| 7.5 | 13.60 | 13.60 | 13.59 | 13.59 | 13.59 | 13.59 | 13.58 | 13.58 | 13.57 |
| 10.0 | 13.51 | 13.51 | 13.50 | 13.50 | 13.49 | 13.49 | 13.48 | 13.48 | 13.47 |
| 12.5 | 13.39 | 13.39 | 13.38 | 13.37 | 13.37 | 13.36 | 13.36 | 13.35 | 13.35 |
| 15.0 | 13.25 | 13.25 | 13.24 | 13.23 | 13.22 | 13.22 | 13.21 | 13.21 | 13.20 |
| 17.5 | 13.09 | 13.08 | 13.07 | 13.06 | 13.05 | 13.05 | 13.03 | 13.03 | 13.03 |
| 20.0 | 12.89 | 12.88 | 12.87 | 12.86 | 12.85 | 12.85 | 12.84 | 12.84 | 12.83 |
| 22.5 | 12.68 | 12.67 | 12.65 | 12.64 | 12.63 | 12.62 | 12.61 | 12.61 | 12.60 |
| 25.0 | 12.44 | 12.43 | 12.41 | 12.40 | 12.38 | 12.37 | 12.36 | 12.35 | 12.34 |
| 27.5 | 12.18 | 12.16 | 12.14 | 12.12 | 12.10 | 12.09 | 12.08 | 12.08 | 12.07 |
| 30.0 | 11.91 | 11.88 | 11.85 | 11.83 | 11.80 | 11.79 | 11.77 | 11.77 | 11.76 |
| 32.5 | 11.60 | 11.57 | 11.53 | 11.51 | 11.48 | 11.46 | 11.44 | 11.44 | 11.43 |
| 35.0 | 11.29 | 11.25 | 11.20 | 11.17 | 11.13 | 11.11 | 11.09 | 11.08 | 11.08 |
| 37.5 | 10.96 | 10.90 | 10.83 | 10.80 | 10.76 | 10.74 | 10.71 | 10.71 | 10.69 |
| 40.0 | 10.61 | 10.54 | 10.46 | 10.41 | 10.36 | 10.34 | 10.31 | 10.31 | 10.30 |
| 42.5 | 10.24 | 10.16 | 10.06 | 10.01 | 9.95 | 9.92 | 9.89 | 9.88 | 9.86 |
| 45.0 | 9.86 | 9.76 | 9.66 | 9.58 | 9.51 | 9.48 | 9.43 | 9.42 | 9.41 |
| 47.5 | 9.47 | 9.35 | 9.23 | 9.14 | 9.05 | 9.00 | 8.96 | 8.95 | 8.93 |
| 50.0 | 9.07 | 8.94 | 8.79 | 8.69 | 8.57 | 8.52 | 8.46 | 8.45 | 8.43 |
| 52.5 | 8.66 | 8.50 | 8.34 | 8.21 | 8.08 | 8.02 | 7.95 | 7.93 | 7.91 |
| 55.0 | 8.24 | 8.06 | 7.87 | 7.72 | 7.57 | 7.49 | 7.41 | 7.39 | 7.36 |
| 57.5 | 7.82 | 7.61 | 7.40 | 7.23 | 7.05 | 6.96 | 6.85 | 6.83 | 6.80 |
| 60.0 | 7.39 | 7.17 | 6.93 | 6.74 | 6.53 | 6.41 | 6.29 | 6.25 | 6.22 |
| 62.5 | 6.98 | 6.72 | 6.46 | 6.23 | 6.00 | 5.86 | 5.71 | 5.67 | 5.62 |
| 65.0 | 6.57 | 6.28 | 5.99 | 5.73 | 5.46 | 5.29 | 5.11 | 5.06 | 5.00 |
| 67.5 | 6.17 | 5.85 | 5.52 | 5.23 | 4.92 | 4.72 | 4.51 | 4.44 | 4.38 |
| 70.0 | 5.80 | 5.44 | 5.07 | 4.73 | 4.39 | 4.15 | 3.90 | 3.82 | 3.73 |
| 72.5 | 5.43 | 5.04 | 4.64 | 4.26 | 3.88 | 3.60 | 3.31 | 3.21 | 3.10 |
| 75.0 | 5.10 | 4.67 | 4.24 | 3.82 | 3.39 | 3.07 | 2.73 | 2.61 | 2.48 |
| 77.5 | 4.80 | 4.34 | 3.88 | 3.42 | 2.95 | 2.57 | 2.19 | 2.04 | 1.88 |
| 80.0 | 4.57 | 4.07 | 3.57 | 3.07 | 2.56 | 2.13 | 1.70 | 1.51 | 1.32 |
| 82.5 | 4.38 | 3.86 | 3.34 | 2.80 | 2.25 | 1.76 | 1.27 | 1.04 | 0.81 |
| 85.0 | 4.08 | 3.62 | 3.16 | 2.59 | 2.01 | 1.48 | 0.94 | 0.67 | 0.39 |
| 87.5 | 3.40 | 3.01 | 2.61 | 2.17 | 1.73 | 1.22 | 0.71 | 0.41 | 0.11 |
| 90.0 | 2.53 | 2.17 | 1.80 | 1.43 | 1.06 | 0.71 | 0.36 | 0.19 | 0.02 |
| 95.0 | 0.82 | 0.52 | 0.22 | 0.14 | 0.06 | 0.04 | 0.02 | 0.02 | 0.00 |
| 100.0 | 0.05 | 0.05 | 0.04 | 0.03 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 |
| 105.0 | 0.03 | 0.02 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 110.0 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 115.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 120.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 125.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 130.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 135.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 140.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 145.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 150.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 155.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 160.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|
| 165.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 170.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 175.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

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ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|--------|-------|--------|
| 0-20 | 5.04 | N.A. | 9.90 |
| 0-30 | 10.80 | N.A. | 21.20 |
| 0-40 | 17.91 | N.A. | 35.20 |
| 0-60 | 33.15 | N.A. | 65.10 |
| 0-80 | 45.36 | N.A. | 89.00 |
| 0-90 | 49.48 | N.A. | 97.10 |
| 10-90 | 48.18 | N.A. | 94.60 |
| 20-40 | 12.87 | N.A. | 25.30 |
| 20-50 | 20.58 | N.A. | 40.40 |
| 40-70 | 21.93 | N.A. | 43.10 |
| 60-80 | 12.21 | N.A. | 24.00 |
| 70-80 | 5.52 | N.A. | 10.80 |
| 80-90 | 4.12 | N.A. | 8.10 |
| 90-110 | 1.46 | N.A. | 2.90 |
| 90-120 | 1.46 | N.A. | 2.90 |
| 90-130 | 1.46 | N.A. | 2.90 |
| 90-150 | 1.46 | N.A. | 2.90 |
| 90-180 | 1.46 | N.A. | 2.90 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 50.94 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 1.30 |
| 10-20 | 3.74 |
| 20-30 | 5.75 |
| 30-40 | 7.11 |
| 40-50 | 7.71 |
| 50-60 | 7.53 |
| 60-70 | 6.69 |
| 70-80 | 5.52 |
| 80-90 | 4.12 |
| 90-100 | 1.41 |
| 100-110 | 0.05 |
| 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

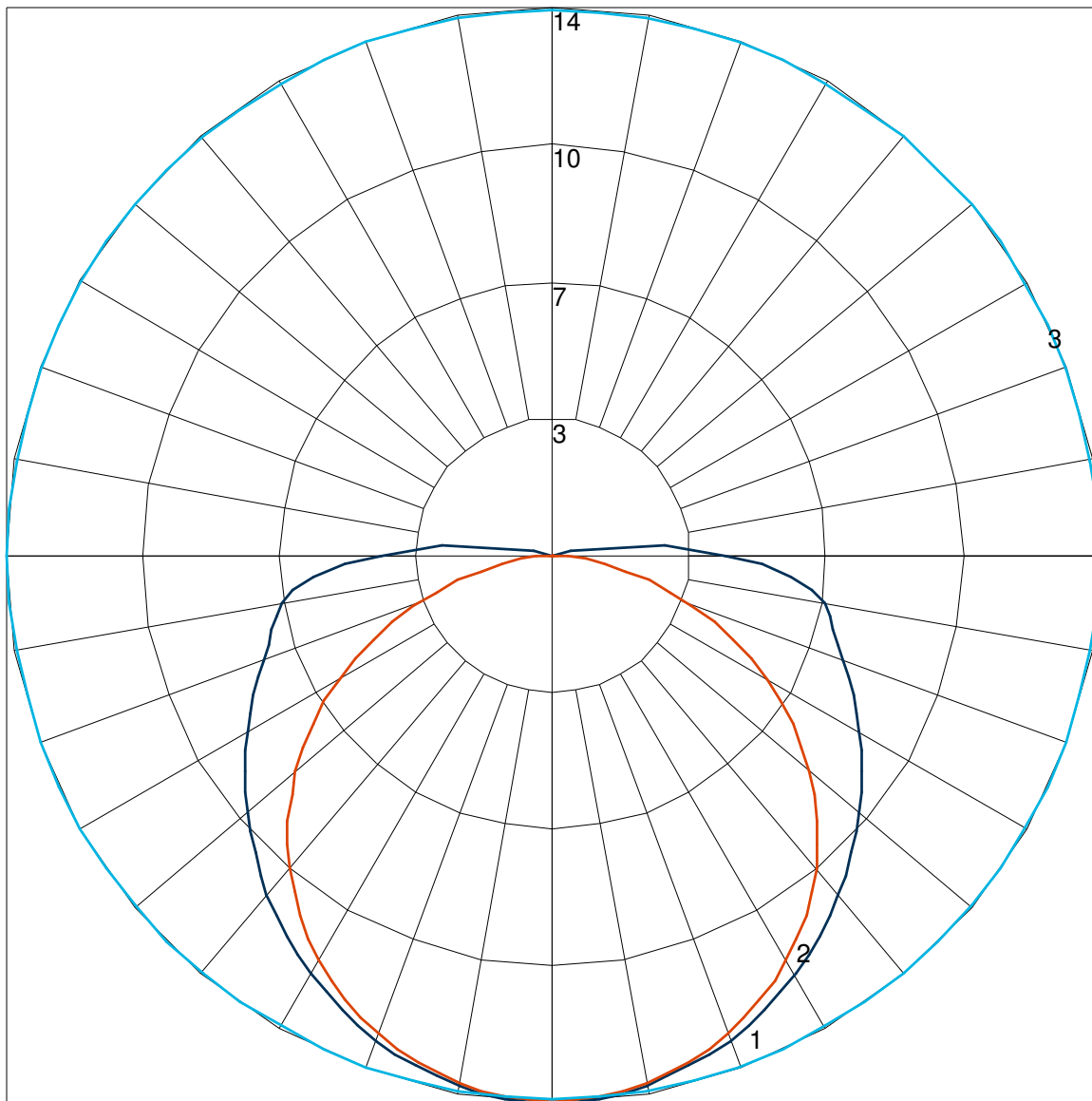
PHOTOMETRIC FILENAME : SL-PRO-24DC-02-24-01.IES

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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 97 |
| 1 | 105 | 98 | 93 | 88 | 101 | 96 | 91 | 86 | 91 | 87 | 83 | 86 | 83 | 80 | 82 | 79 | 77 | 74 |
| 2 | 94 | 84 | 76 | 69 | 91 | 82 | 75 | 68 | 78 | 72 | 66 | 74 | 69 | 64 | 70 | 66 | 62 | 60 |
| 3 | 85 | 73 | 64 | 56 | 82 | 71 | 63 | 56 | 68 | 60 | 54 | 64 | 58 | 53 | 61 | 56 | 51 | 49 |
| 4 | 77 | 64 | 54 | 47 | 75 | 63 | 53 | 46 | 60 | 52 | 45 | 57 | 50 | 44 | 54 | 48 | 44 | 41 |
| 5 | 71 | 57 | 47 | 40 | 69 | 56 | 46 | 40 | 53 | 45 | 39 | 51 | 44 | 38 | 49 | 42 | 37 | 35 |
| 6 | 65 | 51 | 41 | 35 | 63 | 50 | 41 | 34 | 48 | 40 | 34 | 46 | 39 | 33 | 44 | 38 | 33 | 30 |
| 7 | 61 | 46 | 37 | 30 | 59 | 45 | 36 | 30 | 43 | 35 | 30 | 42 | 35 | 29 | 40 | 34 | 29 | 27 |
| 8 | 56 | 42 | 33 | 27 | 55 | 41 | 33 | 27 | 40 | 32 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 24 |
| 9 | 53 | 39 | 30 | 24 | 51 | 38 | 30 | 24 | 36 | 29 | 24 | 35 | 28 | 23 | 34 | 28 | 23 | 21 |
| 10 | 49 | 35 | 27 | 22 | 48 | 35 | 27 | 22 | 34 | 26 | 21 | 32 | 26 | 21 | 31 | 25 | 21 | 19 |

POLAR GRAPH



Maximum Candela = 13.74 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)