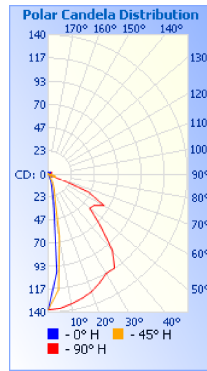


Photometrics Pro

Luminaire Photometric Report

Filename: EE80L
Manufacturer: ELCO Lighting
Lamp Output: 1 lamp, rated Lumens/lamp: 80
Max Candela: 136.9 at Horizontal: 0°, Vertical: 0°
Input Wattage: 0.1
Luminous Opening: Point
Photometry : Type C
Nema Type: 7 X 3



Roadway Summary

| | | |
|------------------------|--------------------|-------|
| Cutoff Classification: | NONCUTOFF | |
| Distribution: | TYPE I, VERY SHORT | |
| Max Cd, 90 Deg Vert: | 3.1 | |
| Max Cd, 80 to <90 Deg: | 4.8 | |
| Lumens % Lamp | | |
| Downward Street Side: | 36.6 | 45.7% |
| Downward House Side: | 36.6 | 45.7% |
| Downward Total: | 73.1 | 91.4% |
| Upward Street Side: | 1.5 | 1.9% |
| Upward House Side: | 1.5 | 1.9% |
| Upward Total: | 3.0 | 3.7% |
| Total Lumens: | 76.1 | 95.2% |

Flood Summary

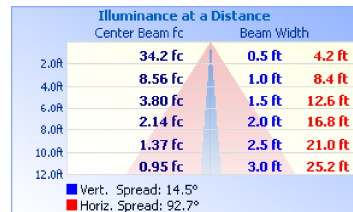
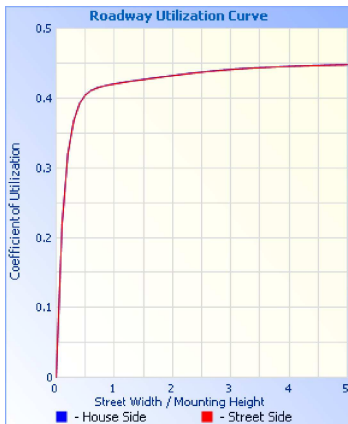
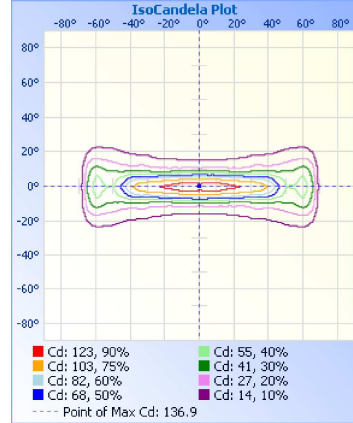
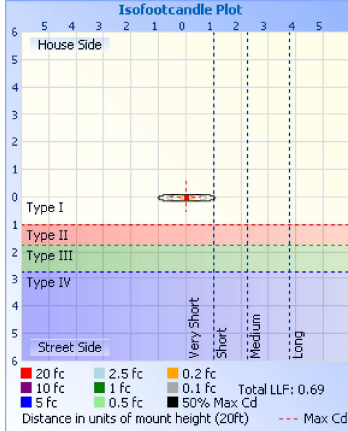
| | Efficiency | Lumens | Horizontal Spread | Vertical Spread |
|--------------|------------|--------|-------------------|-----------------|
| Field (10%): | 75.5% | 60.4 | 137.2 | 31.2 |
| Beam (50%): | 39.6% | 31.7 | 92.7 | 14.5 |
| Total: | 95.2% | 76.1 | | |

Zonal Lumen Summary

| Zone | Lumens % Lamp | % Luminaire |
|--------|---------------|-------------|
| 0-30 | 35.8 | 44.8% |
| 0-40 | 47.1 | 58.8% |
| 0-60 | 63.6 | 79.5% |
| 60-90 | 9.3 | 11.6% |
| 70-100 | 4.1 | 5.1% |
| 90-120 | 2.2 | 2.7% |
| 0-90 | 72.9 | 91.1% |
| 90-180 | 3.0 | 3.7% |
| 0-180 | 75.9 | 94.8% |

Lumens Per Zone

| Zone | Lumens | % Total | Zone | Lumens | % Total |
|-------|--------|---------|---------|--------|---------|
| 0-10 | 9.5 | 12.5% | 90-100 | 0.6 | 0.7% |
| 10-20 | 14.0 | 18.4% | 100-110 | 0.6 | 0.8% |
| 20-30 | 12.4 | 16.3% | 110-120 | 1.0 | 1.3% |
| 30-40 | 11.2 | 14.8% | 120-130 | 0.3 | 0.3% |
| 40-50 | 8.9 | 11.7% | 130-140 | 0.2 | 0.2% |
| 50-60 | 7.6 | 10.1% | 140-150 | 0.2 | 0.2% |
| 60-70 | 5.7 | 7.5% | 150-160 | 0.1 | 0.1% |
| 70-80 | 2.4 | 3.1% | 160-170 | 0.1 | 0.2% |
| 80-90 | 1.2 | 1.6% | 170-180 | 0.1 | 0.1% |



Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 |
|--------|------|------|------|------|------|------|------|-----|------|------|------|---|-----|-----|-----|---|-----|-----|-----|-----|---|
| RW %: | 20 | 50 | 30 | 0 | 20 | 50 | 30 | 0 | 50 | 30 | 20 | 0 | 50 | 30 | 20 | 0 | 50 | 30 | 20 | 0 | 0 |
| RCR: 0 | 1.12 | 1.12 | 1.12 | 1.12 | 1.09 | 1.09 | 1.09 | .91 | 1.03 | 1.03 | 1.03 | | .98 | .98 | .98 | | .93 | .93 | .93 | .91 | |
| 1 | 1.04 | 1.01 | .97 | .94 | 1.01 | .98 | .95 | .81 | .93 | .91 | .89 | | .89 | .87 | .86 | | .85 | .84 | .82 | .80 | |
| 2 | .97 | .91 | .85 | .81 | .94 | .89 | .84 | .72 | .85 | .81 | .77 | | .81 | .78 | .75 | | .78 | .75 | .73 | .71 | |
| 3 | .90 | .82 | .76 | .71 | .88 | .80 | .75 | .65 | .77 | .72 | .68 | | .74 | .70 | .67 | | .72 | .68 | .65 | .63 | |
| 4 | .84 | .75 | .68 | .63 | .82 | .74 | .67 | .58 | .71 | .66 | .61 | | .68 | .64 | .60 | | .66 | .62 | .59 | .57 | |
| 5 | .79 | .69 | .62 | .57 | .77 | .68 | .61 | .53 | .66 | .60 | .56 | | .63 | .59 | .55 | | .62 | .57 | .54 | .52 | |
| 6 | .74 | .64 | .57 | .52 | .73 | .63 | .56 | .49 | .61 | .55 | .51 | | .59 | .54 | .50 | | .57 | .53 | .50 | .48 | |
| 7 | .70 | .60 | .53 | .48 | .69 | .59 | .52 | .46 | .57 | .51 | .47 | | .55 | .50 | .46 | | .54 | .49 | .46 | .44 | |
| 8 | .66 | .56 | .49 | .44 | .65 | .55 | .49 | .43 | .53 | .48 | .44 | | .52 | .47 | .43 | | .51 | .46 | .43 | .41 | |
| 9 | .63 | .52 | .46 | .41 | .62 | .52 | .45 | .40 | .50 | .45 | .41 | | .49 | .44 | .41 | | .48 | .44 | .40 | .39 | |
| 10 | .60 | .49 | .43 | .39 | .59 | .49 | .43 | .38 | .48 | .42 | .38 | | .47 | .42 | .38 | | .46 | .41 | .38 | .36 | |

Candela Table - Type C

| | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|---|---|---|
| 0 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | 137 | | | | | |
| 5 | 99 | 100 | 101 | 103 | 104 | 107 | 109 | 111 | 114 | 117 | 121 | 124 | 127 | 129 | 133 | 135 | 135 | 136 | 136 | 136 | 135 | 135 | 132 | 131 | 128 | 125 | 121 | 118 | 114 | 112 | 108 | 105 | 103 | 102 | 101 | 100 | 100 | 100 | 100 | 101 | 102 | 104 | 106 | | | | | | | | |
| 10 | 31 | 31 | 32 | 33 | 36 | 39 | 43 | 48 | 56 | 64 | 74 | 85 | 97 | 106 | 115 | 124 | 128 | 132 | 133 | 132 | 129 | 124 | 116 | 106 | 96 | 84 | 74 | 64 | 56 | 48 | 43 | 38 | 35 | 33 | 30 | 30 | 29 | 30 | 31 | 33 | 35 | 38 | | | | | | | | | |
| 15 | 14 | 15 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 25 | 30 | 40 | 53 | 71 | 89 | 106 | 119 | 127 | 130 | 127 | 119 | 106 | 89 | 71 | 54 | 41 | 31 | 26 | 23 | 20 | 19 | 18 | 17 | 16 | 15 | 15 | 15 | 15 | 16 | 16 | 17 | 18 | | | | | | | | | |
| 20 | 7 | 7 | 7 | 8 | 8 | 9 | 10 | 11 | 14 | 17 | 20 | 23 | 28 | 38 | 58 | 84 | 107 | 121 | 127 | 121 | 107 | 84 | 59 | 39 | 28 | 23 | 19 | 16 | 14 | 12 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | | | | | | | | |
| 25 | 2 | 2 | 3 | 3 | 3 | 4 | 5 | 6 | 8 | 10 | 13 | 16 | 21 | 25 | 34 | 58 | 89 | 113 | 121 | 112 | 89 | 58 | 35 | 25 | 20 | 16 | 13 | 9 | 7 | 6 | 5 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | | | | | | | | |
| 30 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 4 | 6 | 8 | 11 | 14 | 20 | 27 | 40 | 71 | 105 | 116 | 105 | 71 | 39 | 26 | 20 | 15 | 11 | 8 | 6 | 5 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 35 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 5 | 8 | 11 | 17 | 25 | 35 | 58 | 98 | 116 | 98 | 59 | 35 | 26 | 17 | 11 | 7 | 5 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 40 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 4 | 6 | 8 | 12 | 18 | 27 | 46 | 80 | 100 | 80 | 46 | 27 | 18 | 12 | 8 | 6 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 45 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 6 | 9 | 14 | 21 | 35 | 59 | 74 | 59 | 36 | 21 | 14 | 9 | 6 | 4 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 50 | 4 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 7 | 12 | 19 | 33 | 50 | 54 | 49 | 33 | 19 | 11 | 7 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 4 | 4 | 4 | 4 | 2 | 1 | 1 | 1 | 1 | | | | | |
| 55 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 3 | 5 | 9 | 16 | 30 | 47 | 56 | 47 | 30 | 16 | 9 | 6 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | | | | | |
| 60 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 1 | 2 | 3 | 6 | 11 | 26 | 53 | 65 | 53 | 26 | 11 | 6 | 4 | 2 | 1 | 1 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | | | | | |
| 65 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 6 | 7 | 2 | 1 | 1 | 2 | 2 | 5 | 16 | 37 | 44 | 38 | 16 | 4 | 2 | 2 | 1 | 1 | 2 | 7 | 5 | 3 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | | | |
| 70 | 2 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 7 | 8 | 2 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 2 | 8 | 7 | 4 | 4 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | | | | | |
| 75 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 5 | 7 | 2 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 80 | 3 | 4 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 4 | 3 | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 2 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | | | | | |
| 85 | 2 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 5 | 2 | 5 | 2 | 5 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 90 | 1 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 3 | 1 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 95 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | | | | | |
| 100 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| 110 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 4 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 115 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 120 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 125 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 135 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 140 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 145 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 170 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 175 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Luminaire Report Summary

IESNA: LM-63-2002
[TEST]
[TESTLAB]
[ISSUEDATE] 17 Dec 2013
[MANUFAC] ELCO Lighting
[_TOTALLUMINAIRELUMENS] 75.9
FILE: CANDELA MULTIPLIER: 1
FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 73
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.