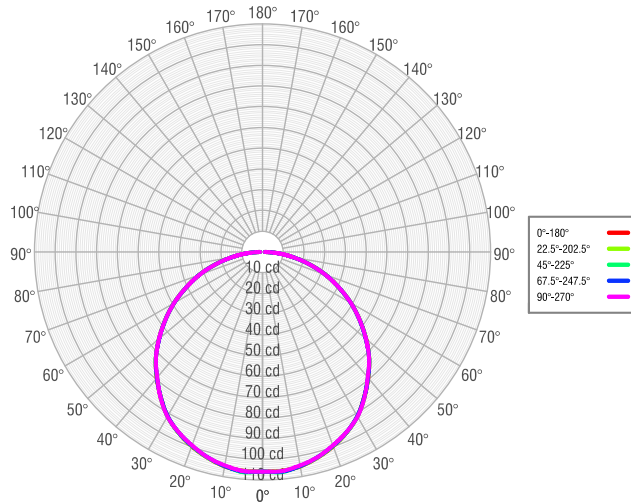




# IES FILE

## PHOTOMETRIC REPORT

### Polar Plot



### Catalog Number

MX27K-WR-24V - 1ft

### Test Number

1

### Test Date

Thu Sep 28 10:19:53 2017

### Candela Distribution

|     | 0°     | 22.50° | 45°    | 67.50° | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 106.01 | 106.01 | 106.01 | 106.01 | 106.01 |
| 5°  | 105.97 | 106.05 | 106.65 | 106.35 | 106.11 |
| 10° | 105.06 | 105    | 104.77 | 104.91 | 104.56 |
| 15° | 102.76 | 102.67 | 102.63 | 102.48 | 102.5  |
| 20° | 99.78  | 99.69  | 99.55  | 99.47  | 99.31  |
| 25° | 96.05  | 96.14  | 96.03  | 95.95  | 95.89  |
| 30° | 91.6   | 91.6   | 91.68  | 91.47  | 91.72  |
| 35° | 85.5   | 85.79  | 85.54  | 85.57  | 85.74  |
| 40° | 79.38  | 79.22  | 79.03  | 79.18  | 78.97  |
| 45° | 72.77  | 72.82  | 72.77  | 72.79  | 72.71  |
| 50° | 65.22  | 65.1   | 65.09  | 64.97  | 65.1   |
| 55° | 57.23  | 57.34  | 57.21  | 57.22  | 57.23  |
| 60° | 49.23  | 49.42  | 49.25  | 49.2   | 49.27  |
| 65° | 40.65  | 40.64  | 40.59  | 40.63  | 40.69  |
| 70° | 32.46  | 32.53  | 32.43  | 32.47  | 32.37  |
| 75° | 23.89  | 23.86  | 23.82  | 23.74  | 23.75  |
| 80° | 15.31  | 15.33  | 15.32  | 15.28  | 15.35  |
| 85° | 7.77   | 7.77   | 7.8    | 7.76   | 7.75   |
| 90° | 1.13   | 1.14   | 1.13   | 1.13   | 1.11   |

### Cone of Light

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6 ft       | 3 fc        | 19 ft         |
| 8 ft       | 2 fc        | 25 ft         |
| 10 ft      | 1 fc        | 31 ft         |
| 12 ft      | 1 fc        | 38 ft         |
| 15 ft      | 0 fc        | 47 ft         |

### Input:

|                  |          |
|------------------|----------|
| Number of Lamps: | 19       |
| Lumens per Lamp: | 16.74 lm |
| Input Watts:     | 2.09 W   |

### Output:

|             |      |
|-------------|------|
| Efficiency: | 100% |
|-------------|------|