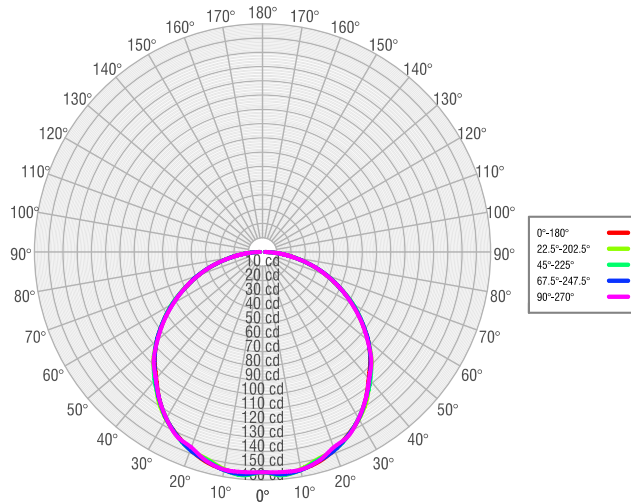




# IES FILE

## PHOTOMETRIC REPORT

### Polar Plot



### Catalog Number

PQ27K-24V - 1ft

### Test Number

1

### Test Date

Tue Aug 15 16:00:35 2017

### Candela Distribution

|     | 0°     | 22.50° | 45°    | 67.50° | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 154.61 | 154.61 | 154.61 | 154.61 | 154.61 |
| 5°  | 157.12 | 156.8  | 157.33 | 156.62 | 155.07 |
| 10° | 155.2  | 154.67 | 155.36 | 155.45 | 155.08 |
| 15° | 152.56 | 150.41 | 150.96 | 151.94 | 151.87 |
| 20° | 147.78 | 147.65 | 147.9  | 148.02 | 145.95 |
| 25° | 141.71 | 142.01 | 142.38 | 142.04 | 142.54 |
| 30° | 135.1  | 135.52 | 134.8  | 135.15 | 134.9  |
| 35° | 126.14 | 127.48 | 126.34 | 126.29 | 126.15 |
| 40° | 115.89 | 116.92 | 117.8  | 116.65 | 116.42 |
| 45° | 106.85 | 108.4  | 107.78 | 107.22 | 108.07 |
| 50° | 96.79  | 96.58  | 96.73  | 96.82  | 96.13  |
| 55° | 84.86  | 84.64  | 85.1   | 84.97  | 84.41  |
| 60° | 73.16  | 72.84  | 73.62  | 72.59  | 72.16  |
| 65° | 59.92  | 60.49  | 60.05  | 60.17  | 60.12  |
| 70° | 47.69  | 48.12  | 47.84  | 48.14  | 47.66  |
| 75° | 35.17  | 34.89  | 35.35  | 35.38  | 35.46  |
| 80° | 22.87  | 22.59  | 22.57  | 22.71  | 22.28  |
| 85° | 11.43  | 11.45  | 11.52  | 11.36  | 11.43  |
| 90° | 1.69   | 1.67   | 1.62   | 1.62   | 1.7    |

### Cone of Light

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6 ft       | 4 fc        | 19 ft         |
| 8 ft       | 2 fc        | 25 ft         |
| 10 ft      | 2 fc        | 31 ft         |
| 12 ft      | 1 fc        | 38 ft         |
| 15 ft      | 1 fc        | 47 ft         |

### Input:

|                  |          |
|------------------|----------|
| Number of Lamps: | 40       |
| Lumens per Lamp: | 11.76 lm |
| Input Watts:     | 8 W      |

### Output:

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