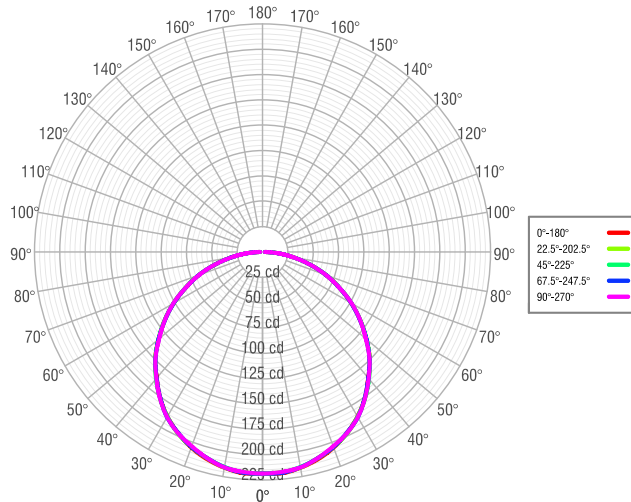




IES FILE
PHOTOMETRIC REPORT

Polar Plot



Catalog Number

PQ41K-WR-24V - 1ft

Test Number

1

Test Date

Tue Aug 15 16:10:42 2017

Candela Distribution

| | 0° | 22.50° | 45° | 67.50° | 90° |
|-----|--------|--------|--------|--------|--------|
| 0° | 218.77 | 218.77 | 218.77 | 218.77 | 218.77 |
| 5° | 219.2 | 218.04 | 218.37 | 218.81 | 217.92 |
| 10° | 216.25 | 216.04 | 215.46 | 215.83 | 215.86 |
| 15° | 211.75 | 210.62 | 210.77 | 210.61 | 210.63 |
| 20° | 205.48 | 204.73 | 204.74 | 204.81 | 204.02 |
| 25° | 197.11 | 197.57 | 197.37 | 196.86 | 197.27 |
| 30° | 187.5 | 187.99 | 187.64 | 188.45 | 188.18 |
| 35° | 175.91 | 176.25 | 176.32 | 175.8 | 176.38 |
| 40° | 162.28 | 163.15 | 163.51 | 162.49 | 162.98 |
| 45° | 149.76 | 149.73 | 149.53 | 149.27 | 149.37 |
| 50° | 133.54 | 134.03 | 133.84 | 133.84 | 133.06 |
| 55° | 117.79 | 118.11 | 117.96 | 117.45 | 117.76 |
| 60° | 101.3 | 101.2 | 101.66 | 101.1 | 101.68 |
| 65° | 83.52 | 83.83 | 83.74 | 83.64 | 83.69 |
| 70° | 66.78 | 66.92 | 66.83 | 66.81 | 66.63 |
| 75° | 48.83 | 48.85 | 48.94 | 48.84 | 48.98 |
| 80° | 31.5 | 31.52 | 31.52 | 31.48 | 31.33 |
| 85° | 15.97 | 15.99 | 16.04 | 15.97 | 15.97 |
| 90° | 2.36 | 2.34 | 2.36 | 2.31 | 2.31 |

Cone of Light

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

Input:

| | |
|------------------|----------|
| Number of Lamps: | 40 |
| Lumens per Lamp: | 16.35 lm |
| Input Watts: | 8 W |

Output:

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