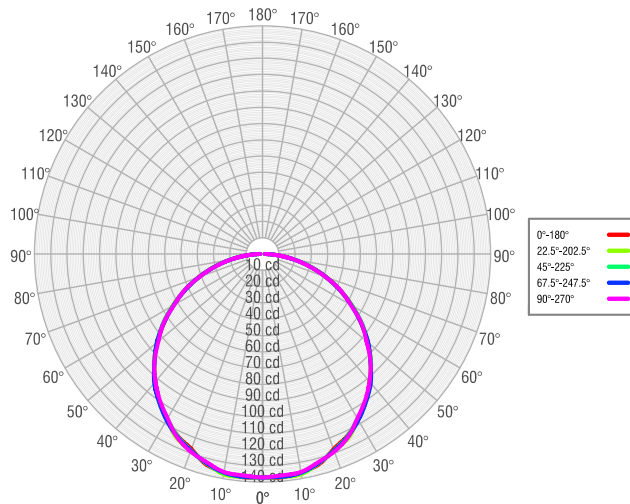




# IES FILE

## PHOTOMETRIC REPORT

### Polar Plot



### Catalog Number

DK35K-24V - 1ft

### Test Number

1

### Test Date

Thu Sep 28 09:47:46 2017

### Candela Distribution

|     | 0°     | 22.50° | 45°    | 67.50° | 90°    |
|-----|--------|--------|--------|--------|--------|
| 0°  | 137.22 | 137.22 | 137.22 | 137.22 | 137.22 |
| 5°  | 137.65 | 137.49 | 137.13 | 137.38 | 136.51 |
| 10° | 136.2  | 137.37 | 136.61 | 136.36 | 135.98 |
| 15° | 133.81 | 133    | 133.08 | 132.91 | 132.36 |
| 20° | 127.49 | 128.54 | 128.38 | 128.52 | 129.09 |
| 25° | 123.24 | 124.78 | 123.51 | 123.83 | 124.13 |
| 30° | 117.13 | 117.24 | 116.75 | 117.85 | 116.53 |
| 35° | 110.68 | 110.75 | 110.75 | 110.77 | 109.81 |
| 40° | 102.24 | 102.78 | 102.43 | 103.43 | 102.28 |
| 45° | 94.12  | 93.68  | 94.28  | 93.72  | 93.86  |
| 50° | 84.35  | 84.58  | 84.19  | 84.73  | 83.41  |
| 55° | 73.78  | 74.43  | 74.69  | 73.89  | 74.27  |
| 60° | 63.49  | 63.64  | 63.33  | 62.86  | 62.64  |
| 65° | 52.42  | 52.53  | 52.28  | 52.46  | 52.78  |
| 70° | 41.72  | 41.51  | 41.13  | 41.43  | 41.09  |
| 75° | 30.88  | 30.29  | 30.52  | 30.3   | 29.93  |
| 80° | 19.55  | 19.78  | 19.69  | 19.62  | 19.61  |
| 85° | 9.4    | 9.34   | 9.26   | 9.34   | 9.29   |
| 90° | 1.42   | 1.41   | 1.41   | 1.4    | 1.36   |

### Cone of Light

| Mtg Height | Light Level | Beam Diameter |
|------------|-------------|---------------|
| 6 ft       | 4 fc        | 19 ft         |
| 8 ft       | 2 fc        | 25 ft         |
| 10 ft      | 1 fc        | 31 ft         |
| 12 ft      | 1 fc        | 37 ft         |
| 15 ft      | 1 fc        | 47 ft         |

### Input:

|                  |         |
|------------------|---------|
| Number of Lamps: | 81      |
| Lumens per Lamp: | 5.06 lm |
| Input Watts:     | 2.84 W  |

### Output:

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