

## RF SPOTLIGHT

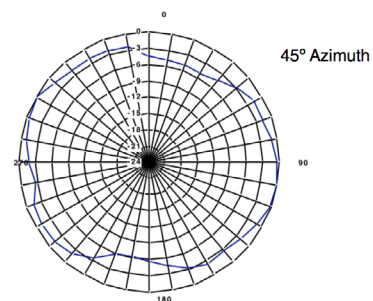
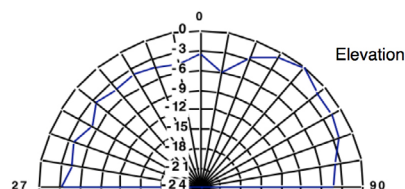
Low Profile Nearfield Antenna

The RF Spotlight antenna is designed to be used on a floor or underneath a stage with wireless microphone systems. It is effective where multiple wireless systems must inter-operate across facilities and/or where open channels are limited due to crowded spectrum.

Its elliptically polarized element is molded into a durable 7mm thin PVC disc with a 10' 50 lb tensile strength rated cabled connector lead.

Operating range is determined by several factors including transmitter power, coaxial cable type and length, and nearby obstructions. Typical range at 10 mW is a diameter of 100' and several hundred feet at 30 mW.

It can be placed under wood stages, offstage, under a carpet, or wherever convenient to limit foot traffic and maximize signal-to-noise ratio.



### Electrical

Operating frequency .....	470-698 MHz
Bandwidth .....	228 MHz
Impedance .....	50Ω
Average return loss .....	-7.04 dBm
Pattern type .....	Floor Omni
Gain .....	-1 dBd
F/B ratio .....	N/A
F/S ratio .....	N/A
Polarization .....	Elliptical

### Physical

Diameter .....	483mm
Thickness .....	7mm
Weight .....	1.4 kg
Mount location .....	Floor
Operating temperature .....	-10°C-40°C
Color .....	Stage gray / 18%
Connector(s) .....	BNC female