

RF SPOTLIGHT

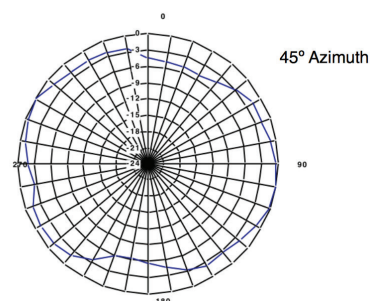
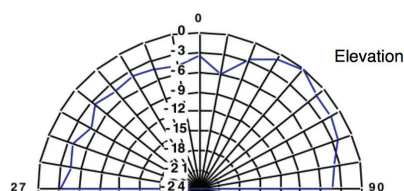
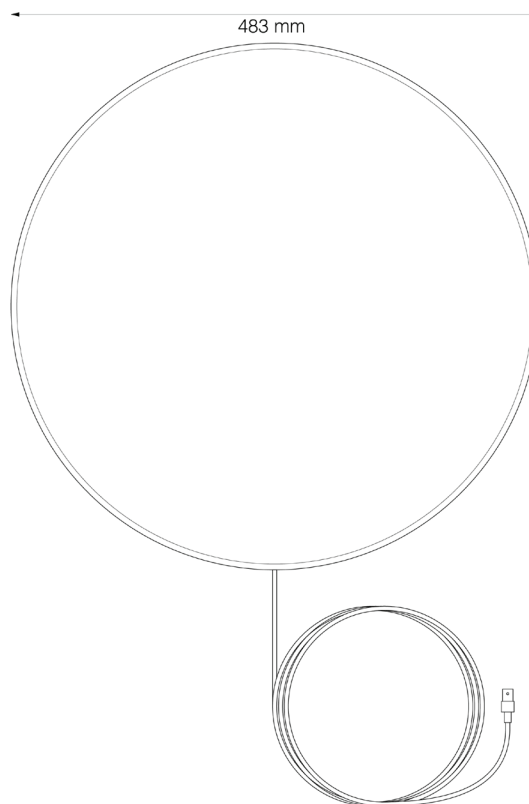
Low Profile Nearfield Antenna

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		Physical	
Operating frequency	470-698 MHz	Diameter	483mm
Bandwidth	228 MHz	Thickness	7mm
Impedance	50Ω	Weight	1.4 kg
Average return loss	-7.04 dBm	Mount location	Floor
Pattern type	Floor Omni	Operating temperature	-10°C-40°C
Gain	-1 dBd	Color	Stage gray / 18%
F/B ratio	N/A	Connector(s)	BNC female
F/S ratio	N/A		
Polarization	Elliptical		