

Venture's Technical Information: REMOTE MOUNTING



Pulse start metal halide ballasts provide the proper combination of open circuit voltage and high voltage. The ballast to lamp (BTL) distance that standard metal halide ballasts and lamps can be separated is limited by the voltage drop of the wire which is determined by the wire size and length per the table below.

With pulse start metal halide and high pressure sodium ballasts, remote mounting is not recommended with standard ignitors. As the distance between the ballast and lamp increases, the lamp starting capability is reduced by the wire voltage drop and the ignitor pulse attenuation from increased stray capacitance.

Standard Probe Start Metal Halide

Remote Mounting – Maximum Ballast to Lamp (BTL) Distance in feet

Lamp	ANSI	AWG 10	AWG 12	AWG 14	AWG 16	AWG 18
175W MH	M57	478	300	189	116	73
250W MH	M58	344	216	136	84	52
400W MH	M59	225	142	89	55	34
1000W MH	M47	348	219	138	85	53
1500W MH	M48	235	148	93	57	N/A

Venture Lighting International
6675 Parkland Blvd.
Suite 100
Solon, Ohio 44139
Phone: 800-451-2606

U.S. Northeast: neorders@venturelighting.com
U.S. Southeast: seorders@venturelighting.com
U.S. Central: centralorders@venturelighting.com
U.S. Western: westorders@venturelighting.com