



# Lighting Options

**BEST**

## Metal Halide + High Output T5 Fluorescent

Reef aquariums look their best when using a combination of MH and T5HO lighting



- Best option for growing and viewing corals, clams, fish, and other reef inhabitants
- Natural looking light with shimmering effect
- Mixed color spectrum highlights fish and coral colors
- Actinic T5HO bulbs highlight iridescent colors of corals and fish

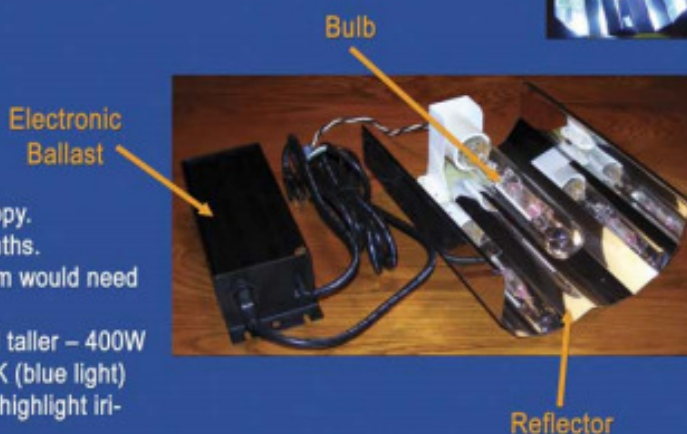
**BETTER**

## Metal Halide (MH)



- Intense lighting -- Preferred for raising corals.
- Deep penetrating light -- Perfect for taller tanks.
- Produces shimmering effect.
- Natural looking light.

- MH lighting generates significant heat. We recommend using fans in your canopy.
- To maintain intensity, it is recommended that bulbs be replaced every 9 - 12 months.
- Recommended use is 1 MH fixture every 2 feet. For example, a 6 foot aquarium would need 3 MH lights.
- Recommended wattage: Up to 18" tall – 175W, 18" – 24" tall – 250W, 24" and taller – 400W
- Bulbs available in 10,000K (white light), 14,000K (white/blue light), and 20,000K (blue light)
- Recommend using T5HO lighting with actinic bulbs as supplemental lighting to highlight iridescent colors on fish and corals.



**GOOD**

## High Output T5 Fluorescent (T5HO)

- Powerful lighting – Capable of growing most corals
- Excellent for growing plants in freshwater aquariums
- Attractive color spectrum highlights fish and corals
- Low wattage = low operating costs
- Produces very little heat
- Bulbs maintain their intensity for the life of the bulb, up to 3 years
- Excellent supplemental lighting for Metal Halide based lighting systems

- Not recommended as the primary light source for reef/coral tanks taller than 18"
- Recommended use for T5HO bulbs is 2 bulbs for 12" deep tanks, 4 bulbs for 18" deep tanks, and 6-8 bulbs for 24" deep tanks
- Wattage: 24" bulb = 24W, 36" bulb = 39W, 48" bulb = 54W
- Bulbs available in 5000K (freshwater plant light), 10,000K (white light), and Actinic (blue light)

