

# Clamp 4 & 8W



SKKYE - Light

## Kelvin - Colors of Light

Color temperature, measured on the Kelvin scale simply indicates the color of light. We offer the SKKYE LIGHT LEDs in a brilliant white 10,000K & 14,000K for aquariums.

10,000K - Ideal for tropical freshwater fish, planted aquariums, and marine fish only environments. Produces the perfect balance of blue, white and red light of the spectrum to stimulate natural daylight.

14,000K - Ideal for Marine corals and Marine fish only systems. Produces a beautiful crisp blue/white light spectrum.

## PAR - Measuring Power

PAR (Photosynthetically Active Radiation) is the common measurement used to help determine the photosynthetic amount of light needed by corals and plant life for growth and vitality. PAR measures the electromagnetic radiation between 400-700nm, which is necessary for photosynthesis for live animals. SKKYE LIGHT LEDs are engineered to handle the PAR needs from novice to expert levels of coral needs.

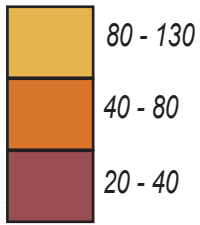
## Optics - Directing Light

We've designed our LEDs with both primary and secondary reflectors to cast the most light for wider coverage while maintaining stronger PAR values in the center. SKKYE LIGHT LEDs contain both 30 degree optics in the center and 120 degree optics around the perimeter.

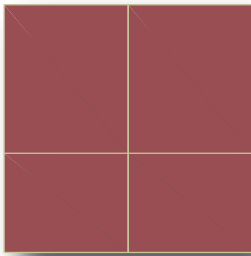
Below is a summary of the PAR values necessary to keep various corals alive.

	CORALS	uMol
<b>Low Light</b>	Mushroom, Zooanthids, Soft Corals	50 - 100
<b>Medium Light</b>	LPS, Clams, few SPS	100 - 200
<b>High Light</b>	Acropora, Montipora, SPS	200 - 500
<b>Very High Light</b>	Very few SPS	600 - 1000

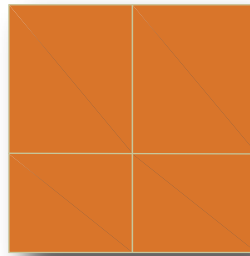
## Par Values For SKKYE LIGHT - Clamp 4W



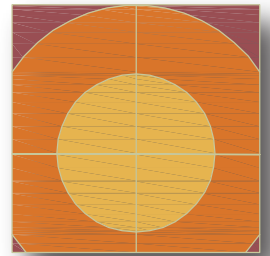
The SKKYE LIGHT - Clamp 4W produces sufficient PAR to satisfy the light needs of low light corals



10 in .depth  
8"X8" area

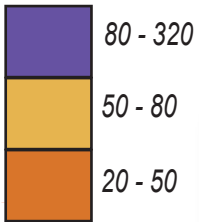


5 in .depth  
8"X8" area

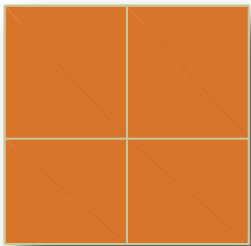


1 in .depth  
8"X8" area

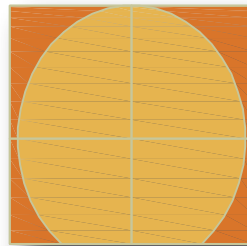
## Par Values For SKKYE LIGHT - Clamp 8W



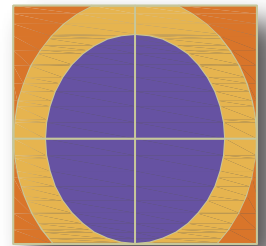
The SKKYE LIGHT - Clamp 8W produces sufficient PAR to satisfy the light needs of low light to medium light corals.



12 in .depth  
12"X9" area

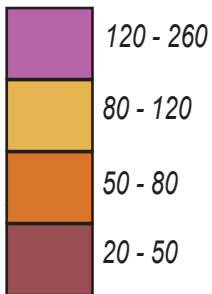


6 in .depth  
12"X9" area

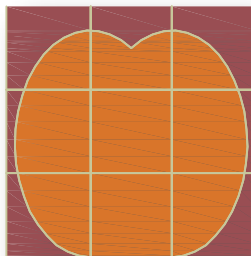


1 in .depth  
12"X9" area

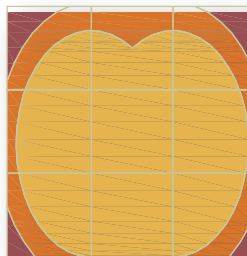
## Par Values For SKKYE LIGHT - 2 x Clamp 8W



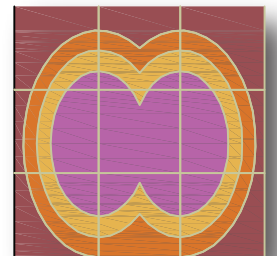
The SKKYE LIGHT - 2 x Clamp 8W produces sufficient PAR to satisfy the light needs of low light to medium light corals.



13 in. depth  
24"X9" area



7 in. depth  
24"X9" area



1 in. depth  
24"X9" area