

Hydra - Marine Light Tube System



Performance Summary

Delivered Light Output: Up to 8,000 Lumens

Efficacy: Up to 100 LPW

CRI: Typical 85 CRI

CCT: 5000K & 4000K

Dimmable: 0-10V

Lifetime: Designed to last 100,000 Hours at 25°C

Warranty: 5 Years

Mounting: Ceiling or Wall

Construction & Materials

Convenient push-and-click connectors let you easily and rapidly install Leader Cables and Jumper Cables. Multiple cable lengths support a variety of layouts.

Integrated aluminum heat spreader.

Polymeric lens is specialized for either superior chemical resistance or UV resistance.

Optical System

Full Definition LEDs.

Durable polymeric lens.

Lens and heat-sink base are co-extruded simultaneously, providing a seamless bond and IP69K waterproof capabilities.

Electrical System

Power Factor: 0.9 nominal. 800

Input Power: Stays consistent over life.

Temperature Rating: Designed to operate in temperatures -40°C to 55°C. Total Harmonic Distortion: < 20%



Length & Output	5000K		4000K		Fixture Watts	Fixtures Supported per Power Supply			
	Lumens	Lumens Per Watt	Lumens	Lumens Per Watt		PSU-80	PSU-240	PSU-320	PSU-750
Hydra 8'	8000L	100 LPW	7600L	95 LPW	80W	1	3	4	9
Hydra 6'	6000L	100 LPW	5700L	95 LPW	60W	1	4	6	12
Hydra 4'	4000L	100 LPW	3800L	95 LPW	40W	2	6	8	18
Hydra 2'	2000L	100 LPW	1900L	95 LPW	20W	4	12	16	36



Connector Cables (cables linking one tube to the next)	2' 4' 8' 16' 20'
Leader Cables (cable to connect power supply to first tube)	8' 25'
Mounting Hardware	NM (Non-Metallic Quick Latch) SS (Stainless Steel Bolt Latch)