

HELIOS Uniform Light Source - D FAMILY

Dynamic Halogen Systems for Full Testing Solutions



For the Most Demanding Imaging Requirements

The HELIOS D Family systems are classic QTH-based calibration sources designed for extreme dynamic ranges. Multiple lamps, attenuators and detector choices allow you to move effortlessly from sunlight to night vision levels. Whether you are testing simple CMOS sensors or multiple gain stage focal plane arrays, you will find the maximum flexibility in the D Family system and component options.

- Great solution for R&D and laboratory test flexibility
- Maximum choices for system sizes and light level configurations
- High level of absolute characterization
- Spare ports and future upgrade capability
- All options in HELIOS available for D Family inclusion: Easy to configure a system to meet your exact requirements

Performance

- 3000K QTH 250 - 2500 nm black-body like spectrums
- Extreme Dynamic Light Range:
 - >Albedo 1 (AM 1) down to night vision light levels
 - For cameras and sensors >16bit, actual 27bit (167dB)
 - Manual and automatic level control options