

Test chamber lights

The Comtest test chamber lights have been designed for effective illumination of anechoic chambers, reverberation chambers and RF shielded rooms. The ceramic metal halide lamp offers superior specifications when compared to traditional Halogen type lamps. The lifetime is specified for > 10.000 hours, compared to 1.000 – 1.500 hours for the halogen types. The light efficiency is 5 times higher

at the same power consumption. The use of these lights solves two traditional chamber problems: No extreme temperatures between absorbers and no need to frequently replace lamps at large heights. Comtest test chamber lights contain hard glass covers and can be easily be used to substitute current light systems in existing anechoic chambers.



Features	Benefits
No measurable RF emissions in 10KHz – 40 GHz range	High efficiency illumination (can be compared to halogen 500Watt)
Low emission temperatures	Energy saving compared to Halogen 500Watt: 875kWh/yr per lamp. (based on an average annual usage of 2.250 Hrs)
Low operating costs because of high efficiency	Average lifetime of 16.000 Hrs (Halogen: 1.500 Hrs)
Easy to mount	No fire risk
Internal hard glass protection and polycarbonate lenses	Reduced heat load: 150 Watt / Lamp compared to 500 Watt Halogen lamp

Models available

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CC-TV

A CC-TV system is an ideal system to observe the EUT behavior during EMC testing. The system consists of remote controlled color camera including a color monitor and control keyboard. The system is available in PAL and NTSC standard. Up to 128 preset positions can be programmed.

Installation is fast and simple with push fit connections for RS-485 telemetry cabling. Using individual addressable camera settings, a series of camera's can be controlled from one keyboard. Joystick control allows easy pan/tilt movement of the camera.

