Ethernet / Optical Fiber

ETHERNET / OPTICAL FIBER / HIGH SPEED DATA

ETHERNET	SPECIFICATION APPLICABLE
Up to CAT. Fa	Standard which we are specialist: CEI EN 50173; TIA/EIA 568; ISO/IEC 11801

OPTICAL FIBER - INSERTION LOSS	SPECIFICATION APPLICABLE
850/1300/1310/1550 nm; Res. 0,01dB	Standard which we are specialist: TIA/EIA-455-34; MIL-PRF-28776

OPTICAL FIBER - RETURN LOSS	SPECIFICATION APPLICABLE
850/1300/1310/1550 nm	Standard which we are specialist: TIA/EIA-455-107; MIL-PRF-28776

PHOTONIC / OPTICAL TESTS

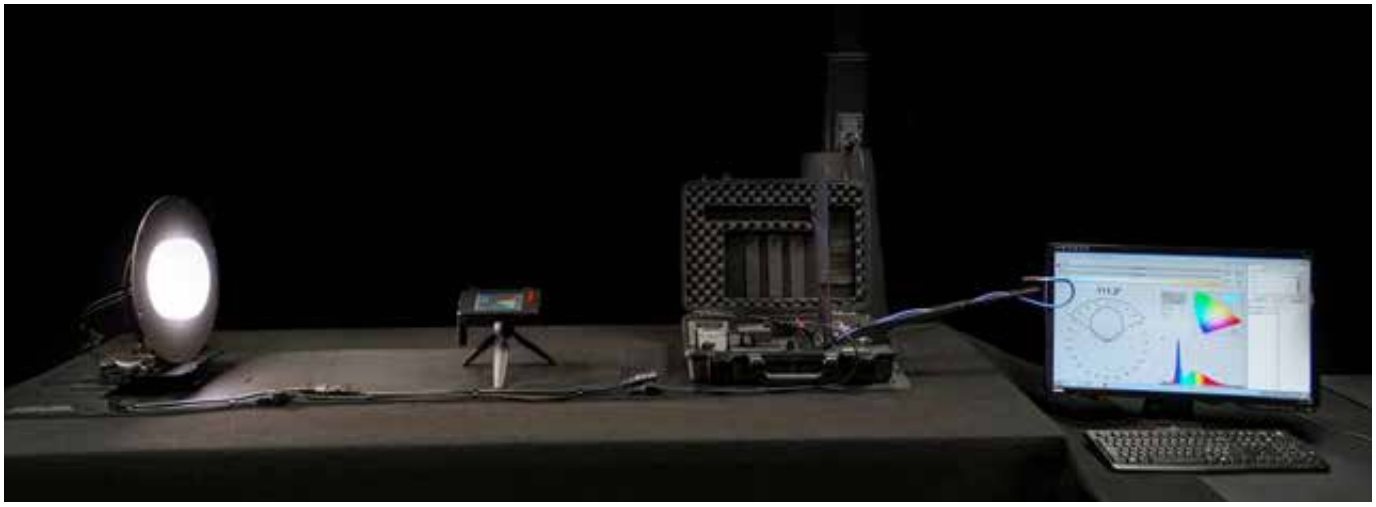
Light measurement, to measure the main luminous features of our lighting products for railways, such as headlights, taillights, traffic lights, and other onboard or trackside lighting devices.

Inside this dark room we are able to measure luminous flux (lumen), luminous intensity (candle), chromatic coordinates (X,Y), color rendering index (CRI), color temperature (CCT), the spectral chart and the angular distribution of the light.

Our fixed equipment measures features inside our dark room, and our small portable device makes measurements in remote locations.

The rail products under test shown in the pictures are a marker lamp(the white lamp, left), and a tail lamp (the red lamp).

PHOTONIC TESTS	SPECIFICATION APPLICABLE
Flux, Lumen: 10 - 50,000; Intensity, candela: 10 - 50,000; Color Temperature:1,000 - 10,000 K; CRI Index: 0 - 100	Standard which we are specialist: CEI EN 60598-1



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