

# PHOTOMETRIC, RADIOMETRIC AND ELECTRICAL CHARACTERIZATION OF DEVICES FOR ARTIFICIAL LIGHTING

**Innovations and Benefits** - ENEA has laboratories for photometric, radiometric and electrical characterization of devices for artificial lighting (light sources, lamps, lighting devices, components, control systems). Field measurements are also possible, indoors and outdoors.

**Use** - The possible types of test, standard or ad hoc, can be used to:

- determine energy consumption, radiometric and photometric characteristics, light sources performances, devices, systems in reference conditions, in the field, simulating working conditions;
- carry out experimental studies on innovative prototypes;
- conduct experimental tests of lighting software;
- carry out studies on perception.

**Applications and ongoing Activities** - Experimental activity in the ENEA-MiSE agreement. Research on the Electric System: collaboration with ASSIL, Oxytech



Characteristics: CUSTOM

The characterization service can be flexibly adapted to different needs and contexts