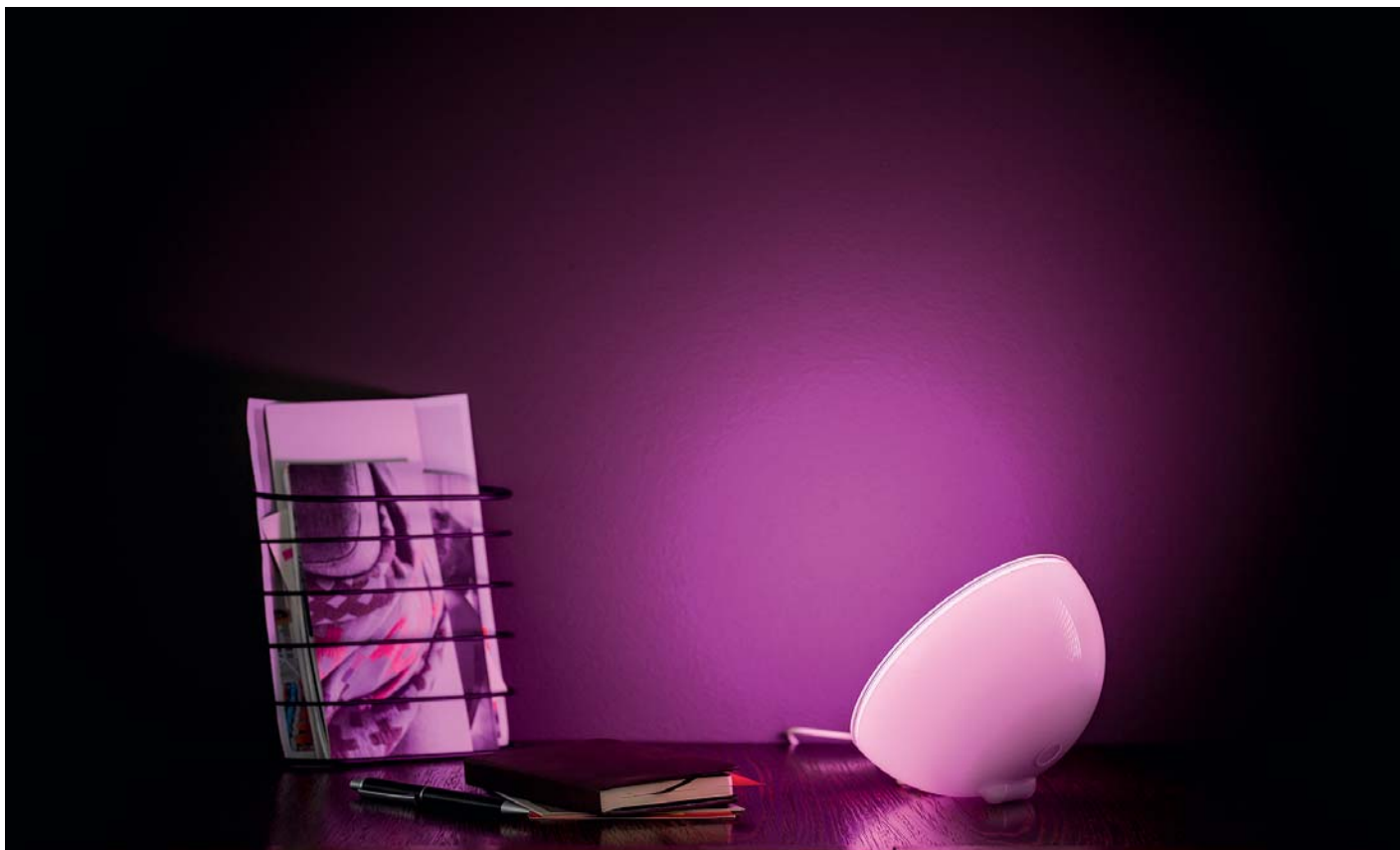


COURSE LED LIGHTING DESIGN

X EDITION



AWARDING BODY

Laboratorio LUCE
Department of Design
Politecnico di Milano
Tel +39 02 2399 5696
lab.luce@polimi.it

MANAGEMENT

Poli.Design consortium
of Politecnico di Milano
formazione@polidesign.net

DURATION

8 hours

DATE

15 November 2016
from 09.00 to 18.30

WEBSITE

www.luce.polimi.it

TEACHERS

Maurizio Rossi
Politecnico di Milano
Diego Quadrio
Studio Quantis
Paola Bertoletti
Philips

TARGET

The course is for students, technicians, graduated and non graduated professionals who wish to know the working principles of solid-state lighting.

REGISTRATION FEE

Cost of the course is 180 € +IVA. For more info, please contact the Secretariat. Discount of 10% for the members of AIDI, APIL, ASSIL, ASSODEL and ASSOLUCE.

LANGUAGE

The course will be held in Italian with the possibility of translation in English.

CONTENT OF THE COURSE

Aim of the course is to give notions of fundamentals on Lighting Design with LEDs and of the lighting applications in which the use of LEDs can improve

the value of the project.

The course starts from an introduction of basic photometry and colorimetry for LEDs light sources and then follows a more specific discussion on LED technology.

Will be presented: structures and working principles, white light and types of LEDs available on the market.

Subsequently, topics about the conscious choice of product will be presented: chromaticity and color rendering index, flux and efficiency, power supply and life span of LEDs.

During the course, several examples of applications will be presented.

Specifically: dynamic light (white and colored light), smart lighting, Power Over Ethernet, Indoor positioning, green parking and Connected Light home.

CONTRIBUTION OF

PHILIPS



PATRONAGE OF

