PHILIPS

Training

Training
Booklet

Welcome!

Welcome to the Philips' Systems Training curriculum for 2015. At Philips, we take pride in offering effective education and informing our partners and customers, as well as our employees, about our lighting solutions and technology. The number and frequency of our classroom courses continues to grow. In addition, we are building an increasing repertoire of online learning and support materials, including an extensive video library.

We welcome all those who wish to participate in these course. We would like to encourage prospective trainees, both internal and external, to work through the carefully planned training, towards increasing competency and successive levels of expertise. Certification is possible at every level, which will contribute to your career path and continuing success in the world of lighting.

Our training philosophy

The training program encourages a practical and pragmatic approach to learning. Trainees learn to achieve appropriate competency levels through various teaching methods that are adapted to their individual needs. Comprehensive training materials include PowerPoint presentations. Software demonstrations and practical hands-on sessions complete the learning experience.

Our courses blend theory with practice, so that trainees can acquire the knowledge and skills needed for competent, application-specific lighting solutions and installations that will exceed expectations. Practical activities and real life case studies provide tools and techniques that can be applied immediately.

Our courses

The curriculum has been carefully designed to develop and support product expertise, effective sales, and competent technical capabilities. New courses are developed continually to keep our in-house technical staff , Value Added Partners (VAPs), and customers, up to date on the newest additions to our product portfolio.

Our classroom and on-site courses are delivered by experienced, qualified corporate trainers, who have a broad understanding of Philips' Lighting products and systems, and their applications.

Online support

Various courses are available in the classroom, on-site, and in some cases online. They are all supplemented by an extensive online video library.
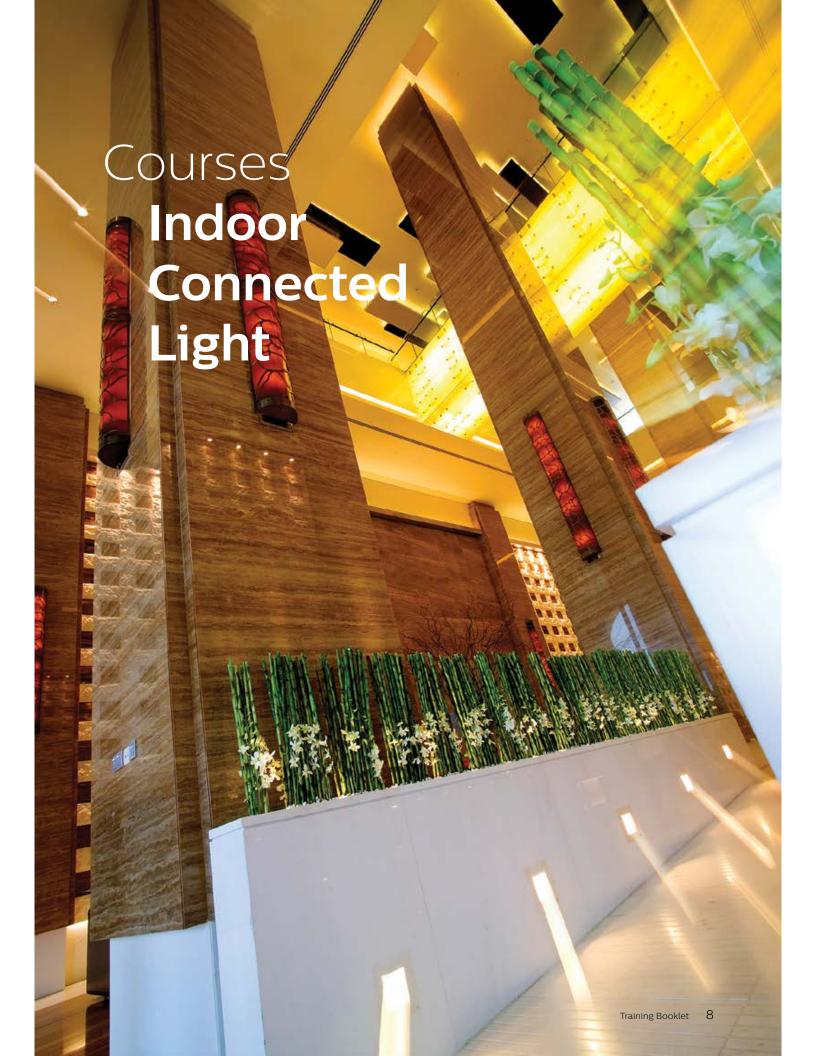
Certification

Certification of competence accompanies the successful completion of each course, providing trainees with a record of their ongoing professional development.

Continuing Professional Development

Our comprehensive approach doesn't stop at the end of a course. Once you have completed formal training, we will work with you beyond the classroom to continue the development of your capabilities. Following successful completion of the associated online accreditation, you will be invited to new courses and Webinars that build on your existing level of knowledge. The benefits are considerable, for those involved in many different aspects of lighting projects.

Explanation of terms

	Acronym	What it means	Other information
Philips	VAP	Value Added Partner	
	CAG	Central Application Group	Typically one CAG per region, eg. Europe
	CSU	Country Sales Unit	Philips Sales Units in each country.
External	We work closely with the following companies:		
	Exambuilder	www.exambuilder.com	Philips Dynalite hosts online assessments with Exambuilder.
	CEDIA	Custom Electronic Design & Install Association	Our external courses are CEDIA accredited
Regions	The team has trainers located in multiple locations and our training is tailored by region. Each region will have slight variations to the training package based on the products that are available in that region.		
	NA	North America	Course code will end with – NA.
	EMEA	Europe, Middle East/Asia <Africa?>	Course code will end with – EMEA.

Courses
Indoor Connected Light

Indoor Connected Light

6 Code? Lighting Fundamentals

This course has been designed to provide trainees with a basic understanding of Philips Indoor Lighting controls. The course gives an overview of how the software control systems operate.

Trainee profile	All those new to Lighting Systems, and interested in developing understanding of indoor lighting control systems
Who will benefit	Trainees looking for a general introductory session on Lighting Control
Equipment required	None
Course duration	3 hours
Delivery venue	Classroom
Entry requirements	None

7 Code? Lighting Control System Design

The System Design course focuses on the essential knowledge required for the design of lighting control systems. The course covers the fundamentals of system design, providing trainees with the basic information and skills needed to attain competency.

Trainee profile	Lighting dealers; Lighting designers
Who will benefit	Trainees interested in acquiring the skills needed to correctly specify, design, and manage a Philips Dynalite project
Equipment required	PC Notebook running Windows XP or higher, with USB port.Participants will need administrator rights to install the software on their PC.
Course duration	1 day
Delivery venue	Classroom
Entry requirements	Basic understanding of the operation principles of the Philips Dynalite System, and basic PC skills. No previous commissioning experience is required.

8 Code? EnvisionProject, Levels 1 & 2

Philips Dynalite produce a wide range of products that allow each installation to be tailored to the customer's exact requirements. On this programmer's course, trainees will acquire the basic knowledge and skills required to successfully commission such projects. The course includes training on EnvisionProject, a powerful Philips Dynalite software application designed specifically for commissioning Philips Dynalite networks.

Trainee profile	Application engineers; Electrical contractors; AV Integrators; Lighting Designers
Who will benefit	The course will benefit all those intending to carry out the basic commissioning of a Philips Dynalite control system, towards providing scene setting control for one or more areas of lighting.
Equipment required	PC Notebook running Windows XP or higher, with USB port,and mouse. Participants will need administrator rights to install the software on their PC.
Course duration	2 days
Delivery venue	Classroom
Entry requirements	Participants should have a basic understanding of the operation principles of the Philips Dynalite system, and basic PC skills. No previous commissioning experience is required.

Indoor Connected Light

9. Code?   EnvisionManager

The EnvisionManager course provides trainees with the knowledge and skills required to commission and tailor Philips Dynalite installations to meet specific customer requirements. The course builds on c <C?>competency in EnvisionProject, a powerful Philips Dynalite software application designed specifically for commissioning Philips Dynalite networks.

Trainee profile	Commercial technical staff within a Philips Lighting Dealership, VAR, or CSU
Who will benefit	This course will benefit all those interested in information on the EnvisionManager software program. The information provided covers basic monitoring of a Philips Dynalite control system using the EnvisionManager program.
Equipment required	PC Notebook running Windows 7 or higher, with USB port.Participants will need administrator rights to install the software on their PC. A hybrid version only of the software is installed for the purposes of the training course, providing simulation of a live site. This is due to the high-end machine requirements for full program installation.
Course duration	Online YouTube demonstrations, or classroom demonstration. Hands-on Classroom training can be arranged on invitation or approved request.
Delivery venue	Online & Classroom
Entry requirements	Prior successful completion of EnvisionProject, Assessment Level 2

10.   Code?   Philips Lightmaster KNX Plug-in

This course focuses on delivering the essential competencies for the design of a lighting control system using the Philips LightMaster KNX product range for connected lighting solutions. The course teaches trainees how to use the Philips ETS 4 plug-in.

Trainee profile	Application engineers; Electrical contractors; AV Integrators; Lighting designers
Who will benefit	This course will be of interest to all those intending to carry out basic commissioning of a Philips KNX system
Equipment required	PC Notebook running Windows XP or higher, with USB port.ETS 4 (or Lite). Participants will need administrator rights to install the software on their PC. Use of a mouse is recommended.
Course duration	1 day
Delivery venue	Classroom
Entry requirements	Participants must have completed KNX certification provided by the KNX Organization.

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