PHILIPS
dynalite

Networked Solutions

Philips Dynalite
Product Portfolio

Supplied by:

lightmoves
illuminating ideas

Melbourne
03 9701 2500

Sydney
02 9737 8988

info@**lightmoves**.com.au
www.**lightmoves**.com.au

Royal Adelaide Hospital
Adelaide, Australia

Philips Dynalite – the intelligent choice

When you choose Philips Dynalite, you are selecting the world's finest lighting control system. Tried and tested in more than 30,000 projects, Philips Dynalite has implemented some of the largest and most extensive control networks around the globe. The same robust technology can be used in any application, on any scale.

Philips Dynalite is part of the Signify Professional Systems group. This global group includes several other worldwide leaders in LED lighting and advanced lighting controls – including Philips Color Kinetics, Philips CityTouch, and Philips Large Luminous Surfaces.

Combined, these groups offer years of market knowledge and experience in developing best-in-class lighting solutions and controls. Signify builds on our extraordinary strengths and depth of expertise to bring the best-in-the-industry connected lighting systems to our valued customers and partners.

Our experience and expertise are unrivaled and our reputation is based on delivering successful outcomes for difficult and challenging projects. So, it is not really a matter of "Why use Philips Dynalite?" but "Why use anything else?"

This Product Portfolio aims to provide a general overview of the Philips Dynalite range of Indoor Networked Controls products and solutions. Further detailed information can be found on each product in their specific Technical Datasheet, available for download at: www.philips.com/dynalite

PHILIPS

dynalite

Contents

User Interfaces

Sensors

Relay Controllers

Phase-cut Dimmer Controllers

Signal Dimmer Controllers

LED PWM Controllers

Multipurpose Controllers

Integration Devices

Wireless Devices

Network Devices

Software and Apps

Further Reading

User **Interfaces**

Tencent Building Shenzhen
Shenzhen, China

PAxBPA **AntumbraButton American**

Contemporary two, four, or six-button panel with light-wash effect

The Philips AntumbraButton user interface features a sleek, contemporary design and incorporates the latest in field effect technology. Each easy-to-press mechanical button can be customized with text or icons and programmed to perform a wide variety of local and site-wide control functions. The PA2BPA, PA4BPA, and PA6BPA range is suitable for, but not limited to North American, South American, Australian and New Zealand markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains logical and network functions and can be pre-programmed off-site, allowing commissioning to commence prior to finalizing rim and button options.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Décor-matching options – Rims are available in aluminum, chrome, magnesium and white. Corona polycarbonate button finishes include Magnesium, Silver and White. Flare metallic button finishes include Aluminum, Gold, Jet, Noir, Prestige and Vintage.

Dimensions:
116 x 75 x 36 mm (4.57 x 2.95 x 1.42 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

PAxBPE **AntumbraButton European**

Contemporary two, four, or six-button panel with light-wash effect

The Philips AntumbraButton user interface features a sleek, contemporary design and incorporates the latest in field effect technology. Each easy-to-press mechanical button can be customized with text or icons and programmed to perform a wide variety of local and site-wide control functions. The PA2BPE, PA4BPE, and PA6BPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains logical and network functions and can be pre-programmed off-site, allowing commissioning to commence prior to finalizing rim and button options.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Décor-matching options – Rims are available in aluminum, chrome, magnesium and white. Corona polycarbonate button finishes include Magnesium, Silver and White. Flare metallic button finishes include Aluminum, Gold, Jet, Noir, Prestige and Vintage.

Dimensions:
88 x 88 x 23 mm (3.46 x 3.46 x 0.90 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

PADPA **AntumbraDisplay American**

Contemporary button panel with LCD display

The Philips AntumbraDisplay user interface provides a central LCD display to present multiple pages of functions and system information. It incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PADPA range is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Display labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Central LCD – Allows for display of system information including temperature, time, channel level and current scene. Button function can change when navigating between up to 16 pages.

Décor-matching options – Rims are available in aluminum, chrome, magnesium and white. Corona polycarbonate button finishes include Magnesium, Silver and White. Flare metallic button finishes include Aluminum, Gold, Jet, Noir, Prestige and Vintage.

Dimensions:
116 x 75 x 36 mm (4.57 x 2.95 x 1.42 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

PADPE **AntumbraDisplay European**

Contemporary button panel with LCD display

The Philips AntumbraDisplay user interface provides a central LCD display to present multiple pages of functions and system information. It incorporates the latest in field effect technology. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PADPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Display labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Central LCD – Allows for system information to be shown such as temperature, time, channel level and current scene. Button function can change when navigating between the up to 16 pages.

Décor-matching options – Rims are available in aluminum, chrome, magnesium and white. Corona polycarbonate button finishes include Magnesium, Silver and White. Flare metallic button finishes include Aluminum, Gold, Jet, Noir, Prestige and Vintage.

Dimensions:
88 x 88 x 36 mm (3.46 x 3.46 x 1.42 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

PATPA **AntumbraTouch American**

Contemporary smooth glass panels with capacitive touch technology

The Philips AntumbraTouch user interface has a smooth glass finish with capacitive touch technology to detect button presses. It also incorporates the latest in field effect technology to sense a person's presence. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PATPA range is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Capacitive touch technology – Smooth glass finish detects the presence of a finger and triggers a button press action.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Décor-matching options – Rims are available in Aluminum, Black, Chrome and White. Fascia finishes include Black, Silver and White.

Dimensions:
116 x 75 x 22 mm (4.57 x 2.95 x 0.87 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

PATPE **AntumbraTouch European**

Contemporary smooth glass panels with capacitive touch technology

The Philips AntumbraTouch user interface has a smooth glass finish with capacitive touch technology to detect button presses. It also incorporates the latest in field effect technology to sense a person's presence. The contemporary design features a number of button configurations, with each button capable of local or site-wide control functions. The PATPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Field effect technology – The user interface detects an approaching user and 'wakes up', initiating a wall-wash lighting effect to encourage interaction.

Capacitive touch technology – Smooth glass finish detects the presence of a finger and triggers a button press action.

Supplied as two components – The Application Module contains buttons, rim, base and mounting plate, which can be mixed and matched to suit décor. The Communication Module contains all of the logical and network functions and is pre-programmed off-site, allowing commissioning to commence prior to finish options being finalized.

Hidden sensory inputs – An internal light sensor measures ambient light and adjusts lightwash effect accordingly. A built-in temperature sensor automatically adjusts air conditioning when integrated into the system.

Multiple language and icon labeling – Button labeling language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Décor-matching options – Rims are available in Aluminum, Black, Chrome and White. Fascia finishes include Black, Silver and White.

Dimensions:
88 x 88 x 22 mm (3.46 x 3.46 x 0.87 in)

Ordering Code:
Please use the online Antumbra configurator at www.philips.com/antumbra for ordering codes.

DACM-DyNet **Antumbra Communication Module**

DyNet network interface for Antumbra user interfaces

The DACM-DyNet is a DyNet communication module that connects any Antumbra user interface to a Philips Dynalite system.

Powered by DyNet – Does not require an external power supply.

64-channel DMX Tx support – Can be factory-set to DMX instead of DyNet, to communicate directly with DMX fixtures.

Onboard processor – Contains all logical and network functions and can be commissioned prior to installation.

Functions without application module – Can be installed, wired and tested without application module, avoiding fascia damage during ongoing construction.

Pre-configuration – Can store and recall up to 21 configurations using the DIP switch, streamlining the commissioning and installation process.

Dimensions:
45 x 43 x 25 mm (1.77 x 1.70 x 0.98 in)

Ordering Code:
12NC – 913703970707

DR2PA **Revolution Series American**

Clip-on cover system provides the ultimate design flexibility

The Philips Dynalite Revolution series of user interfaces provides an elegant and sophisticated connection to the DyNet network. The devices can communicate directly with each other, with lighting load controllers and with other integration devices, offering a simple user interface capable of complex automation system functions. The DR2PA range is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

Extensive designer range – Innovative clip-on cover fastening system provides the ultimate flexibility in décor-matching. Standard finishes include brushed stainless steel and white or black glass.

A choice of button colors – To complement the cover color and finish choice, buttons are available in silver, white or charcoal gray.

Custom engraving options – Identification of button function is made simple through custom engraving. Buttons can be labeled to identify purpose or area, providing accurate explanation of function. Backlighting assists to locate the UI and provides ease of readability, even in a darkened environment.

LED status indicators – Easily discern which mode is in operation via the LED indicator on each button.

Standard control options – Each button can be programmed to perform a range of standard control options that are individually configured to perform functions including toggle lighting on/off and ramp lighting up/down.

Complex functionality in a single action – A single button press can be used to effect an entire system change, providing a true automation solution.

Designed to meet any requirement – Available in one to 24 button configurations, the Revolution series user interfaces can be designed to perform as many or as few functions as required.

Dimensions:
117 x 75 x 30 mm (4.61 x 2.95 x 1.18 in)

Ordering Code:
Please contact your local Signify representative.

DR2PE **Revolution Series European**

Clip-on cover system provides the ultimate design flexibility

The Philips Dynalite Revolution series of user interfaces provides an elegant and sophisticated connection to the DyNet network. The devices can communicate directly with each other, with lighting load controllers and with other integration devices, offering a simple user interface capable of complex automation system functions. The DR2PE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Extensive designer range – Innovative clip-on cover fastening system provides the ultimate flexibility in décor-matching. Standard finishes include brushed stainless steel and white or black glass.

A choice of button colors – To complement the cover color and finish choice, buttons are available in silver, white or charcoal gray.

Custom engraving options – Identification of button function is made simple through custom engraving. Buttons can be labeled to identify purpose or area, providing accurate explanation of function. Backlighting assists to locate the panel and provides ease of readability, even in a darkened environment.

LED status indicators – Easily discern which mode is in operation via the LED indicator on each button.

Standard control options – Each button can be programmed to perform a range of standard control options that are individually configured to perform functions including toggle lighting on/off and ramp lighting up/down.

Complex functionality in a single action – A single button press can be used to effect an entire system change, providing a true automation solution.

Designed to meet any requirement – Available in one to 24 button configurations, the Revolution series user interfaces can be designed to perform as many or as few functions as required.

Dimensions:
89 x 89 x 31 mm (3.50 x 3.50 x 1.22 in)

Ordering Code:
Please contact your local Signify representative.

DPNA-SF **Classic Series American**

Brushed stainless steel panel with blue LED indicator

The Philips Dynalite Classic series user interfaces are a popular choice for commercial and residential applications, providing a robust automation solution. The DPNA-SF range features a screwless fascia and is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

Screwless fixing fascia – For use in applications where design aesthetic is a key consideration.

Standard finish – Supplied as standard in high quality brushed stainless steel.

LED status indicators on each button – Provides tactile and visual feedback on system operation.

Removable button caps – Allows engraving for easy identification of button function.

Button color – Supplied in silver as standard, with black bezel and black engraving.

Available in 13 standard layouts – Incorporates the most commonly used control scenarios.

Custom features available – Optional devices including key switches and engraving are available for unique control solutions.

Dimensions:
115 x 72 x 34 mm (4.53 x 2.83 x 1.34 in)

Ordering Code:
Please contact your local Signify representative.

DPNE-SF **Classic Series European**

Brushed stainless steel panel with blue LED indicator

The Philips Dynalite Classic series user interfaces are a popular choice for commercial and residential applications, providing a robust automation solution. The DPNE-SF range features a screwless fascia and is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Screwless fixing fascia – For use in applications where design aesthetic is a key consideration.

Standard finish – Supplied as standard in high quality brushed stainless steel.

LED status indicators on each button – Provides tactile and visual feedback on system operation.

Removable button caps – Allows engraving for easy identification of button function.

Button color – Supplied in silver as standard, with black bezel and black engraving.

Available in 13 standard layouts – Incorporates the most commonly used control scenarios.

Custom features available – Optional devices including key switches and engraving are available for unique control solutions.

Dimensions:
88 x 88 x 34 mm (3.46 x 3.46 x 1.34 in)

Ordering Code:
Please contact your local Signify representative.

DL2PA **Standard Series American**

Slim-line panel in white with blue LED indicators

The Philips Dynalite Standard series has a minimalist design with full functionality. Built with the full Philips Dynalite feature set, these simple yet elegant interfaces bring the full power of the automation system to the touch of a button. The DL2PA range features a slimline finish and is suitable for, but not limited to, North American, South American, Australian and New Zealand markets.

Slimline finish – Ultra-thin profile provides a less intrusive alternative, where aesthetics are a key issue.

Aesthetically pleasing – Provides an elegant point for integrated automation in commercial buildings and homes.

Available in two configurations – Single column, for up to five buttons and a dual column design for up to ten buttons, where more complex control is required.

Incorporates a miniature DyNet control network socket – Discreetly located under the snap-on cover, the network socket enables system adjustments and programming from any user interface on the network.

Smooth action buttons with blue LED indicators – Provide tactile and visual feedback and are easily removed for engraving.

Simple clean design – Available with white fascia and white buttons.

Dimensions:
116 x 74 x 35 mm (4.57 x 2.91 x 1.38 in)

Ordering Code:
Please contact your local Signify representative.

DLPE **Standard Series European**

Brushed metal panel with LED indicators

The Philips Dynalite Standard series is beautifully formed and highly functional. Built with the full Philips Dynalite feature set, these simple yet elegant interfaces bring the full power of the automation system to the touch of a button. The DLPE range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

Aesthetically pleasing – Provides an elegant point for integrated automation in commercial buildings and homes.

Available in two configurations – Single column, for up to five buttons and a dual column design for up to ten buttons, where more complex control is required.

Incorporates a miniature DyNet control network socket – Discreetly located under the snap-on cover, the network socket enables system adjustments and programming from any user interface on the network.

Smooth action buttons with LED indicators – Provide tactile and visual feedback and are easily removed for engraving.

Simple clean design – Available with silver fascia and charcoal buttons.

Dimensions:
87 x 87 x 34 mm (3.42 x 3.42 x 1.34 in)

Ordering Code:
Please contact your local Signify representative.

PDTS **Networked Touchscreen**

Advanced building automation and control at your fingertips

Designed as an integral part of the Dynalite system, the PDTS offers intelligent control and direct access to scheduling, scene editing, diagnostics, and local environmental sensing. Combining Ethernet connectivity, a powerful onboard processor, and contemporary design cues from the Antumbra user interface range, the PDTS is a sleek, functional complement to any project.

178 mm capacitive touchscreen – With high resolution, rich color and wide viewing angle.

Proximity sensor – Triggers soft halo light effect to welcome user interaction.

Ethernet port – Provides access for commissioning and file transfers.

Internal astronomical timeclock – Enables advanced scheduling of behavior, options, and automated tasks based on time of day or sunrise/sunset.

Customizable graphical menus – Seamless control of lighting, curtains/blinds, HVAC, A/V equipment and compatible third-party systems.

Built-in environmental sensors – Humidity and temperature can be displayed on standby screen and communicated to third-party systems.

Templated commissioning option – Simply load the project XML file for fast configuration, or upload custom web pages from System Builder.

Thin profile and easy mounting – Fits industry-standard double wall boxes (EU or US).

Secure access – Employs HTTPS for secure, encrypted network communication, with support for onboard security certificates.

User authentication – Secure login feature available for CGI commands and user functions, with customizable access levels for each user.

Dimensions:
124 x 184 x 40 mm (7.24 x 4.88 x 1.57 in)

Ordering Code:

PDTS	12NC – 913703334309
Accessories:	
DDNP1501 (12 VDC network power supply)	12NC – 913703090309
DMNP24040-P-NA (24 VDC network power supply)	12NC – 913703580309

Sensors

Westfield Office
Sydney, Australia

DUS360CR **Multifunction Sensor**

Low profile recessed 360° ceiling sensor

The Philips Dynalite DUS360CR is a recess mountable 360 degree multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, lecture theaters and homes.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Segmented click-up bezel – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

Ambient light level regulation – In applications where it is critical to maintain precise light levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor of the DUS360CR.

Daylight harvesting mode – Delivers automatic energy savings.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Suitable for plenum use – UL approved for installation in air-handling plenum spaces.

Dimensions:
72 dia. x 41 mm (2.83 dia. x 1.61 in)

Ordering Code:
12NC – 913703500709

DUS360CR-DA **Multifunction Sensor**

Low profile recessed 360° ceiling sensor

The Philips Dynalite DUS360CR-DA is a recess mountable 360 degree motion sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into the one device. The Philips Dynalite DUS360CR-DA is a component of the EcoSet system and is a switch-settable sensor with time-out, designed to allow intelligent control of luminaires in combination with the DMRC210DA-RJ12 relay controller.

Low profile design – Flush-mounted 360 degree ceiling-mount motion detection (PIR) sensor.

No software set-up – All functionality can be achieved with the built-in DIP switches for area addressing, no-motion time-out and other advanced features.

Rapid configuration – Up to 31 individual addressing areas of control.

User-selectable options – No-motion time-out selectable to 30 seconds, 5 minutes, 15 minutes or 30 minutes.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Suitable for plenum use – UL approved for installation in air-handling plenum spaces.

Dimensions:
72 dia. x 41 mm (2.83 dia. x 1.61 in)

Ordering Code:
12NC – 913703500809

DUS360CR-DALI **Multifunction Sensor**

Low profile recessed 360° ceiling sensor powered by the DALI network

The Philips Dynalite DUS360CR-DALI is a recess mountable 360 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The DUS360CR-DALI is powered and communicates to the networked control system via a DALI bus.

Powered directly by the DALI network – Eliminates the need for additional network field wiring.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Motion detection feature – Detection of motion within a scanned area triggers a programmed lighting action.

Segmented click-up bezel – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

Daylight harvesting mode – Delivers automatic energy savings.

Ambient light level regulation – In applications where it is critical to maintain precise light, the PE function reads ambient levels and adjusts artificial light levels accordingly.

Infrared receive capability – Enables sign-on identification to the networked system.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Suitable for plenum use – UL approved for installation in air-handling plenum spaces.

Dimensions:
72 dia. x 41 mm (2.83 dia. x 1.61 in)

Ordering Code:
12NC – 913703500909

DUS360CS **Multifunction Sensor**

Surface mount 360° ceiling sensor

The Philips Dynalite DUS360CS is a surface mountable 360 degree multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as hotels, restaurants and homes.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Segmented click-up bezel – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

Ambient light level regulation – In applications where it is critical to maintain precise light levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting mode – Delivers automatic energy savings.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receiver.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Dimensions:
105 x 46 mm (4.34 x 1.81 in)

Ordering Code:
12NC – 913703243109

DUS360CS-DALI **Multifunction Sensor**

Surface mount 360° ceiling sensor

The Philips Dynalite DUS360CS-DALI is a surface mountable 360 degree multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as hotels, restaurants and homes.

Powered directly by the DALI network – Eliminates the need for additional network field wiring.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Segmented click-up bezel – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

Ambient light level regulation – In applications where it is critical to maintain precise light levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting mode – Delivers automatic energy savings.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receiver.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Dimensions:
105 x 46 mm (4.34 x 1.81 in)

Ordering Code:
12NC – 913703023909

DUS804CS-UP **Multifunction Sensor**

Surface mount ceiling sensor with ultrasonic capability

The Philips Dynalite DUS804CS-UP is a surface mountable 360 degree multifunction sensor that combines ultrasonic (UP), motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, industrial buildings and secure areas of public buildings.

Motion detection feature – Detection of motion within scanned area triggers a programmed lighting action. Ultrasonic technology enables motion detection behind fixed objects.

Ambient light level regulation – In applications where it is critical to maintain precise light levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor of the DUS804CS-UP.

Daylight harvesting mode – Delivers automatic energy savings.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Dimensions:
90 dia. x 32 mm (3.54 dia. x 1.26 in)

Ordering Code:
12NC – 913703070409

DUS90CS **Multifunction Sensor**

Wall/ceiling mount 90° multifunction sensor

The DUS90CS is wall or ceiling mountable multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, industrial buildings and homes.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Ambient light level regulation – In applications where it is necessary to maintain even lighting, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting mode – Delivers automatic energy savings.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor.

Multiple mounting options – The sensor has a 30° scan pattern with flexible angle adjustment and can be recessed or surface mounted on a wall or ceiling.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

IP54 rating – Dust- and splash-resistant housing allows installation in a variety of indoor and outdoor applications.

Dimensions:
98 x 90 x 153 mm (3.86 x 3.54 x 6.02 in)

Ordering Code:
12NC – 913703244209

DUS30CS **Multifunction Sensor**

Wall/ceiling mount 30° multifunction sensor

The DUS30CS is wall or ceiling mountable multifunction sensor that combines motion detection (PIR), infrared remote control reception (IR) and ambient light level detection (PE) into one device in applications such as offices, industrial buildings and homes.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Ambient light level regulation – In applications where it is necessary to maintain even lighting, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting mode – Delivers automatic energy savings.

Infrared receive capability – Manually adjust light levels using a hand-held remote control, via the inbuilt IR receive sensor.

Multiple mounting options – The sensor has a 30° scan pattern with flexible angle adjustment and can be recessed or surface mounted on a wall or ceiling.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

IP54 rating – Dust- and splash-resistant housing allows installation in a variety of indoor and outdoor applications.

Dimensions:
98 x 90 x 153 mm (3.86 x 3.54 x 6.02 in)

Ordering Code:
12NC – 913703244309

DUS90AHB-DALI **Multifunction Sensor**

Aisleway high bay DALI network sensor

The Philips Dynalite DUS90AHB-DALI is a 90 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The sensor uses the DALI protocol for power and communications to a network control system, eliminating the need for additional network field wiring. This sensor is ideal for mounting between warehouse shelving.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Powered directly by the DALI network – Eliminates the need for any additional network field wiring.

Motion detection feature – Detects the presence or absence of motion and triggers a programmed action.

Ambient light level detection – In applications where it is critical to maintain precise lighting levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting – When used in conjunction with networked open loop daylight sensor.

Infrared receive capability – Enables sign-on identification to the networked system.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Targeted positioning – Directional wallmounting block allows sensors to be easily mounted and directed to the required area.

Dimensions:
66 x 70 x 61 mm (2.60 x 2.76 x 2.40 in)

Ordering Code:
12NC – 913703015409

DUS90WHB-DALI **Multifunction Sensor**

Wide angle high bay DALI network sensor

The Philips Dynalite DUS90WHB-DALI is a 90 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The sensor uses the DALI protocol for power and communications to a network control system, eliminating the need for additional network field wiring. This is a wide angle, general purpose sensor.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Powered directly by the DALI network – Eliminates the need for any additional network field wiring.

Motion detection feature – Detects the presence or absence of motion and triggers a programmed action.

Ambient light level detection – In applications where it is critical to maintain precise lighting levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting – When used in conjunction with networked open loop daylight sensor.

Infrared receive capability – Enables sign-on identification to the networked system.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Targeted positioning – Directional wall-mounting block allows sensors to be easily mounted and directed to the required area.

Dimensions:
66 x 70 x 61 mm (2.60 x 2.76 x 2.40 in)

Ordering Code:
12NC – 913703015509

DUS30LHB-DALI **Multifunction Sensor**

Long-range high bay DALI network sensor

The Philips Dynalite DUS30LHB-DALI is a 30 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The sensor uses the DALI protocol for power and communications to a network control system, eliminating the need for additional network field wiring. This sensor is useful for long-range detection.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Powered directly by the DALI network – Eliminates the need for any additional network field wiring.

Motion detection feature – Detects the presence or absence of motion and triggers a programmed action.

Ambient light level detection – In applications where it is critical to maintain precise lighting levels, the PE function reads ambient levels and adjusts artificial light accordingly.

Daylight harvesting – When used in conjunction with networked open loop daylight sensor.

Infrared receive capability – Enables sign-in identification to the networked system.

Corridor hold – Links corridor areas with adjacent rooms so corridor remains lit while occupancy is detected in adjacent rooms.

Targeted positioning – Directional wallmounting block allows sensors to be easily mounted and directed to the required area.

Dimensions:
66 x 70 x 61 mm (2.60 x 2.76 x 2.40 in)

Ordering Code:
12NC – 913703015609

Relay
Controllers

The Crown Moran Hotel
London, UK

DDRC-GRMS-E **Multi-Protocol Switching Room Controller**

Fully networked relay control solution

The Philips Dynalite DDRC-GRMS-E controller is a compact, versatile room automation and energy management solution with bridging functionality between the Ethernet LAN and connected DyNet devices. Bespoke pre-configuration allows deployment without the need for commissioning software. Incorporating switching relays and DMX for dimming and color control, every aspect of this device has been designed to be feature-rich and cost-effective.

Single box solution – Compact design allows for small installation footprint and reduced cabling for a simpler and faster installation.

Inbuilt Ethernet port – Directly connecting to a site's Ethernet LAN, the device can securely report its status and pass network messages.

Pre-programmed – Can be preloaded with a bespoke configuration to immediately meet the project's needs from the moment it powers up.

Powerful processor – The internal processor allows the device to perform advanced scripted functions and provide automated intelligent responses to multiple inputs.

Mixture of switching relays – Supports a combination of different relay ratings and types for a perfect blend of performance and cost-effectiveness.

18 dry contact inputs – Allows simple integration with third-party devices and systems.

32 channel DMX output – Adds color and dimming control for a touch of theatrics.

UL924 Input – Integrates seamlessly with compatible emergency systems.

Four 12 V digital outputs – Designed to drive room status indicator LEDs in common cathode configuration, and trigger additional devices such as doorbells.

300 mA DyNet output – Directly support the requirements of DyNet devices without the need for an additional network power supply.

Unique LAN addressing – Two banks of DIP switches allow the installer to manually set the device's network identification..

Dimensions:
105 x 216 x 74 mm (4.13 x 3.74 x 2.91 in)

Ordering Code:
12NC – 913703334009

DDRC-GRMS **Switching Room Controller**

Compact switching controller for single room solutions

The Philips Dynalite DDRC-GRMS controller is a general room automation and energy management solution. This controller is completely self-contained and requires no external power supply, relays or processor.

Dry contact inputs – The unit receives instructions from button presses or a key card switch.

Pre-programmed – No programming required as the unit is supplied with complex functions such as 'master on/off', 'room unoccupied', 'do not disturb' or 'make up room' already configured.

Built-in directional motor relays – Provides control of motorized blinds for a full automation solution.

Two 16 A power relays – Enables a total energy management solution, reducing standby power consumption by switching off power outlets and air conditioning systems when not required.

Single box solution – Provides an economical total energy management solution for hotel guest rooms and suites.

Dimensions:
95 x 216 x 74 mm (3.74 x 8.50 x 2.91 in)

Ordering Code:
12NC – 913703667709

DRC-GRMS-UL **Switching Room Controller**

Wall mount switching controller for single room solutions

The Philips Dynalite DRC-GRMS-UL controller is a general room automation and energy management solution. This controller is completely self-contained and requires no external power supply, relays or processor. This model is suitable for use in UL markets.

Dry contact inputs – The unit receives instructions from button presses or a key card switch.

Pre-programmed – No programming required as the unit is supplied with complex functions such as 'master on/off', 'room unoccupied', 'do not disturb' or 'make up room' already configured.

Built-in directional motor relays – Provides control of motorized blinds for a full automation solution.

Two 16 A power relays – Enables a total energy management solution, reducing standby power consumption by switching off power outlets and air conditioning systems when not required.

Optional HVAC control module – Enables integration with local or centralized HVAC system.

UL924 input – Suitable for use with emergency lighting circuits.

Single box solution – Provides an economical total energy management solution.

Built-in sequential logic functionality – Allows intelligent responses to programmed triggers.

Dimensions:
330 x 322 x 107 mm (12.99 x 12.68 x 4.21 in)

Ordering Code:
12NC – 913703331109

DDRC420FR **Relay Controller**

Robust control of switched loads

The Philips Dynalite DDRC420FR provides control of any type of switched load, including difficult lighting loads. This four-channel device supports all types of switched loads up to 20 A inductive.

Feed-through power circuit design – Electrically equivalent to a 4-pole contactor, with the added advantage of each pole being separately controllable via the DyNet network.

Flexible mounting solution – DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Inbuilt diagnostic functionality – Features circuit run time tracking on each channel and Device Online/Offline status indication.

Multiple wiring schemes supported – Controls single phase and neutral or three phase and neutral (star) wiring configurations.

Hardware override – Service override switch accessible from front panel.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703244609

DDRC810DT-GL **Relay Controller**

Designed to operate any type of switched load

The Philips Dynalite DDRC810DT-GL is ideal for controlling bi-directional motors, such as curtain and blind motors. It is an eight channel device suitable for any switched load up to 10 A per channel, with a maximum box load of 40 A.

Voltage free changeover SPDT output relays – Perfect for controlling bi-directional motors.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Inbuilt diagnostic functionality – Features circuit run time tracking on each channel.

Standalone or networked operation – Can operate as a discrete standalone unit, or as part of an integrated control system when connected to the DyNet network.

Dry contact inputs - The unit receives instructions from voltage-free button presses.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703035209

DDRC1220FR-GL **Relay Controller**

Robust control of switched loads

The Philips Dynalite DDRC1220FR-GL provides control of multiple types of switched loads. This general-purpose 12-channel controller supports switched loads of up to 20 A per channel, up to a maximum device load of 180 A.

Feed-through power circuit design – Electrically equivalent to a 12-pole contactor, with the added advantage of each pole being separately controllable via the DyNet network.

Flexible mounting solution – DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Inbuilt diagnostic functionality – Features circuit run time tracking on each channel and Device Online/Offline status indication.

Multiple wiring schemes supported – Controls single phase and neutral or three phase and neutral (star) wiring configurations.

Hardware override – Service override switch accessible from front panel.

Dimensions:
93 x 215 x 64 mm (3.66 x 8.46 x 2.52 in)

Ordering Code:
12NC – 913703243009

DMRC210 **Relay Controller**

Luminaire mount control of switched loads

The Philips Dynalite DMRC210 is a two channel device that provides intelligent networked control of individual lighting fixtures. The compact design enables mounting directly within the gear enclosure of many lighting fixtures.

Incorporates two relay outputs – Used to control mains supply to the fixture.

Gear enclosure mounting – Compact design allows the device to be mounted directly within the gear enclosure of many light fittings.

Fully rated device – Robust relays provide reliable control of difficult lighting loads.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Dimensions:
240 x 45 x 38 mm (9.45 x 1.77 x 1.50 in)

Ordering Code:
12NC – 913703050009

DMRC210DA-RJ12 **Relay Controller**

Luminaire mount control of switched loads

The Philips Dynalite DMRC210DA-RJ12 relay controller is part of the EcoSet System and is designed to allow intelligent, sub-networked control of luminaires, when used in combination with the DUS360CR-DA occupancy sensor.

Incorporates two relay outputs – Two independently controlled relay outputs switching lighting loads.

Gear enclosure mounting – Compact design allows the device to be mounted directly within the gear enclosure of many light fittings.

Fully rated device – Suitable for large in-rush lighting loads.

DIP switch configuration – Allows rapid set area configuration and provides out-of-the-box functionality without the need for a PC and software on-site.

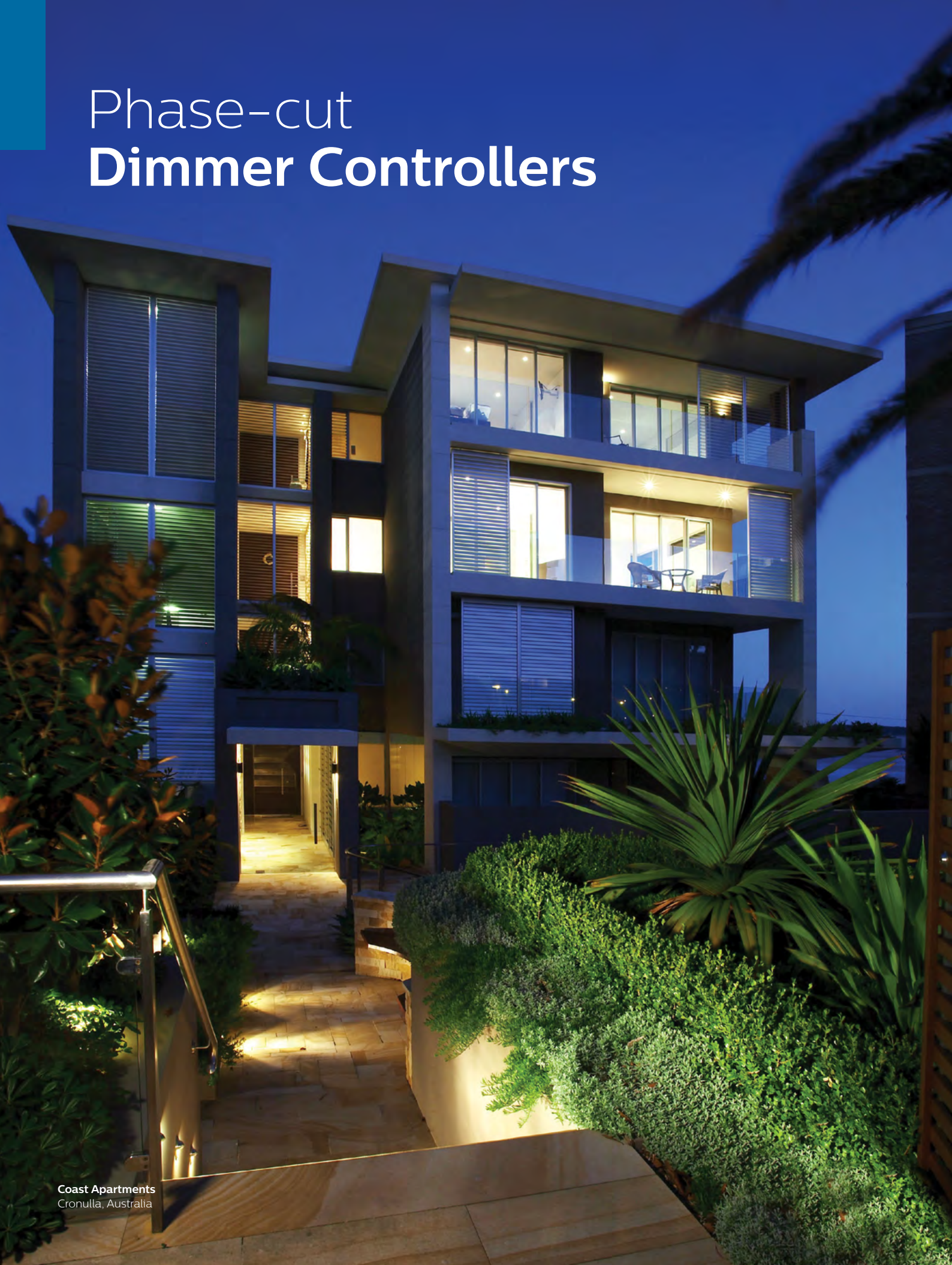
Standalone or networked operation – The device can be connected to a fully networked Philips Dynalite system when extra functionality is required.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Dimensions:
240 x 45 x 38 mm (9.45 x 1.77 x 1.50 in)

Ordering Code:
12NC – 913703050109

Phase-cut
Dimmer Controllers



Coast Apartments
Cronulla, Australia

DDLE801 **Leading Edge Dimmer Controller**

Superior LED dimming technology

The Philips Dynalite DDLE801 supports eight channels of leading edge dimming at 1 A per channel. It is suitable for use with incandescent lighting, as well as leading edge compatible magnetic and electronic transformers. Advanced LED dimming technology makes the unit particularly suited to residential, retail and hospitality applications.

Active Load technology on each channel – Dramatically improves LED dimming stability through detection of supply fluctuations and application of control compensation.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Superior internal drive componentry tuning – Removes issues of 'clipping' that are normally associated with leading edge dimmers controlling LED lamps.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Dimensions:
93 x 215 x 64 mm (3.66 x 8.46 x 2.52 in)

Ordering Code:
12NC – 913703061509

DDLE802 **Leading Edge Dimmer Controller**

Direct dimming for a range of lighting loads

The Philips Dynalite DDLE802 is an eight-channel leading edge dimmer controller with a maximum load per channel of 2 A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent fixtures.

Optional manual override LED illuminated service switch – Provides diagnostic and local override capability.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Naturally ventilated – No forced cooling required, no maintenance required.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:

Standard product	12NC – 913703000009
Manual override	12NC – 913703000109

DLE410 **Leading Edge Dimmer Controller**

Compact wall mount direct dimming for a range of lighting loads

The Philips Dynalite DLE410 is a four-channel leading edge dimmer controller, with a maximum load per channel of 10 A. It is suitable for use with incandescent, neon and selected fluorescent light sources, as well as iron core and leading edge electronic transformers.

Ideal for applications where multiple user settings are required – Provides robust control in situations where a small number of lighting circuits require control.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/Offline status reporting.

User controls – Incorporates service override switch – all channels to 100%, a diagnostic LED and hardware bypass switches for each channel.

Options available – Includes an additional RS-485 DyNet/DMX512 port, and earth leakage and overload protection on each channel.

Dimensions:
340 x 212 x 174 mm (13.38 x 8.35 x 6.85 in)

Ordering Code:

Standard product	12NC – 913703006009
Extra DyNet/DMX512 port	12NC – 913703006109
Earth leakage/overload protection (RCBO)	12NC – 913703006709
Dual port & RCBO	12NC – 913703006909

DLE1203 **Leading Edge Dimmer Controller**

Economical direct dimming for a range of lighting loads

The Philips Dynalite DLE1203 is a 12-channel leading edge dimmer controller, with a maximum load of 3 A per channel and a total device load of 32 A. It is suitable for use with incandescent, neon and selected fluorescent lighting, as well as iron core and leading edge electronic transformers.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/Offline status reporting.

Option available – Option available – Additional DyNet/DMX512 port.

Dimensions:
450 x 224 x 92 mm (17.72 x 8.82 x 3.62 in)

Ordering Code:

Standard product	12NC – 913703008009
Extra DyNet/DMX512 port	12NC – 913703008109

DLE1205 **Leading Edge Dimmer Controller**

Wall mount direct dimming for a range of lighting loads

The Philips Dynalite DLE1205 is a 12-channel leading edge dimmer controller with a maximum load per channel of 5 A. It is suitable for use with incandescent and neon light sources, as well as iron core and leading edge electronic transformers.

Fully rated device – The combination of load capacity and sub-circuit protection delivers a superior solution for small scale commercial applications.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/Offline status reporting.

User controls – Incorporates service override switch and three phase indicator LED. Hardware bypass switches are provided for each channel.

Option available – Earth leakage and overload protection on each channel.

Dimensions:
620 x 255 x 176 mm (24.41 x 10.04 x 6.93 in)

Ordering Code:

Standard product	12NC – 913703010009
Earth leakage/overload protection (RCBO)	12NC – 913703010509

DLE1210GL **Leading Edge Dimmer Controller**

Control a range of loads in applications requiring reliability and large power handling

The Philips Dynalite DLE1210GL is a 12-channel leading edge dimmer controller, with a maximum load per channel of 10 A and total device load of 75 A. It is suitable for use with incandescent, neon and selected fluorescent light sources, as well as iron core and leading edge dimmable electronic transformers.

Large load capability – Ideal for applications that require reliability combined with large power handling.

DMX512 compatibility – Perfect for use in theaters, shopping centers and auditoria.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/Offline status reporting.

User controls – Incorporates service override switch and three phase indicator LED. Hardware bypass switches are provided for each channel.

Option available – Earth leakage and overload protection on each channel.

Dimensions:
620 x 255 x 176 mm (24.41 x 10.04 x 6.93 in)

Ordering Code:

Standard product	12NC – 913703014009
Earth leakage/overload protection (RCBO)	12NC – 913703014409

DLE220 **Leading Edge Dimmer Controller**

Designed for applications where lamp life is critical

The Philips Dynalite DLE220 is a two-channel leading edge dimmer controller, with a maximum load of 20 A per channel. It is suitable for use with incandescent, neon and selected fluorescent light sources, as well as iron core and leading edge dimmable electronic transformers.

Large load capability – Complements multichannel dimmers by providing extra channels where additional capacity is required.

Reliable control – Suitable for applications where lamp life is critical, such as where lamp replacement is difficult or expensive.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/ Offline status reporting.

User controls – Incorporates service override switch – all channels to 100% and a diagnostic LED.

Option available – Additional RS-485 DyNet/DMX512 port.

Dimensions:
325 x 212 x 178 mm (12.79 x 8.35 x 7.01 in)

Ordering Code:

Standard product	12NC – 913703002009
Extra DyNet/DMX512 port	12NC – 913703002109

DLE1220GL **Leading Edge Dimmer Controller**

Control large loads in applications requiring large power handling

The Philips Dynalite DLE1220GL is a 12-channel leading edge dimmer controller, with a maximum load per channel of 20 A and total device load of 180 A. It is suitable for use with incandescent, neon and selected fluorescent light sources, as well as iron core and leading edge dimmable electronic transformers.

Large load capability – Ideal for applications that require reliability combined with large power handling.

DMX512 compatibility – Perfect for use in theaters, shopping centers and auditoria.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Soft start and voltage regulation technologies – Protects lamps from over voltage and dramatically improves lamp life, reducing maintenance costs.

Diagnostic functionality – Device Online/Offline status reporting and channel override switches.

User controls – Incorporates service override switch and three phase indicator LED. Hardware bypass switches are provided for each channel.

Option available – Earth leakage and overload protection on each channel.

Dimensions:
596 x 346 x 202 mm (23.46 x 13.62 x 7.95 in)

Ordering Code:

Standard Product	12NC – 913703016009
Earth leakage/overload protection (RCBO)	12NC – 913703016609

DTE1210 **Trailing Edge Dimmer Controller**

Controls a wide range of dimmable electronic transformers

The Philips Dynalite DTE1210 trailing edge dimmer controller features 12 channels, with a maximum load per channel of 10 A and a total box load of 120 A. The trailing edge output makes the device suitable for control of both trailing and leading edge electronic transformers, as well as incandescent lamps and track lighting.

Operates from three phase supply – Using a three phase supply when connected to a three circuit track permits the track to be loaded to maximum rating.

Dual communication ports – Enable direct DMX512 integration with theatrical systems

Voltage regulation and soft start technologies – Protects lamps and extends life dramatically, minimizing re-lamping and ongoing maintenance requirements.

Naturally ventilated – Integral ventilation in the housing of the unit means that no forced cooling is required, thereby reducing maintenance.

Interface to other devices – Incorporates multipurpose programmable dry contact and analog inputs for interfacing to other devices.

Internal controls – Programmable logic controller capable of comprehensive conditional and sequential logic and arithmetic function processing.

Options available – Including earth leakage and overload protection on each channel, or three pole circuit breakers.

Dimensions:
600 x 286 x 202 mm (23.62 x 11.46 x 7.95 in)

Ordering Code:

Standard product	12NC – 913703022009
Earth leakage/overload protection (RCBO)	12NC – 913703022609
RCBO & 3 pole breakers	12NC – 913703021609

Signal **Dimmer Controllers**

Lidl Distribution Centre
Heerenveen, Netherlands

DDBC120-DALI **MultiMaster DALI Driver Controller**

Enabling a full DALI universe including tunable white drivers, DALI sensors and user interfaces

The Philips Dynalite DDBC120-DALI delivers cost-effective control of DALI drivers through provision of a full universe of 64 DALI drivers. The device communicates seamlessly with Philips Dynalite DALI sensors and user interfaces.

DALI MultiMaster solution – Compatible with a range of DALI fittings and devices including; DALI fluorescent drivers, DALI electronic low voltage transformers, DALI LED fixtures, DALI emergency lighting fixtures and Philips Dynalite DALI sensors and DALI user interfaces.

Compatible with DALI 209 drivers – Provides control of tunable white luminaires.

DALI auto-enumeration – Provides automatic enumeration of DALI ballasts when powered on and enables self-repair of the network system if a DALI driver fails.

Fully scalable network solution – Direct mapping from DALI to the DyNet network protocol eliminates DALI imposed limits, such as maximum group sizes.

Dual functionality – Leverage advantages of a true DALI network solution, whilst still allowing the full functionality of DyNet network control.

Built-in energy savings – Control signals can be configured to operate in tandem with the internal relay, which automatically isolates the power circuit when all associated channels are at 0%.

Integral DALI bus power supply – Removes the need for provision of a separate external power supply and reduces distribution board wiring complexity.

Inbuilt diagnostic functionality – Features lamp and driver failure reporting, driver run time tracking for each driver, emergency test reporting and Device Online/Offline status indication.

Dimensions:
96 x 105 x 75 mm (3.78 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703685109

DDBC300-DALI **DALI Driver Controller**

Cost-effective DALI control solution

The Philips Dynalite DDBC300-DALI delivers cost-effective control of DALI drivers through provision of three full universes totaling 192 DALI addresses.

Compatible with a range of DALI fittings and devices – Including DALI drivers, DALI electronic low voltage transformers and DALI LED fixtures.

Fully scalable network solution – Direct mapping from DALI to the DyNet network protocol eliminates DALI imposed limits, such as maximum group sizes.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled lighting circuit.

Integral DALI bus power supply – Removes the need for provision of a separate external power supply and reduces distribution board wiring complexity.

Inbuilt diagnostic functionality – Features lamp and driver failure reporting, driver run time tracking for each driver and Device Online/Offline status indication.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703031109

DDBC320-DALI **DALI Driver Controller**

Power saving DALI control solution

The Philips Dynalite DDBC320-DALI features three DALI outputs, allowing control of up to 192 DALI devices. It also features 3 x 20 A feed-through switched circuits for DALI driver mains supply.

Compatible with a range of DALI fittings and devices – Including DALI drivers, DALI electronic low voltage transformers and DALI LED fixtures.

Built-in energy savings – Control signals can be programmed to operate in tandem with three internal switched outputs, which will automatically isolate the power circuit when all associated channels are at 0%. This is a useful feature as DALI drivers still draw significant power when lamps are turned off via a DALI command.

Fully scalable network solution – Direct mapping from DALI to the Philips Dynalite DyNet network protocol eliminates DALI imposed limits, such as maximum group sizes.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled lighting circuit.

Integral DALI bus power supply – Removes the need for provision of a separate external power supply and reduces distribution board wiring complexity.

Inbuilt diagnostic functionality – Features lamp and driver failure reporting, driver run time tracking for each driver and Device Online/Offline status indication.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703031209

DDBC516FR **Signal Dimmer Controller**

Flexible control of 1-10 V and DALI drivers

The Philips Dynalite DDBC516FR is a five-channel device for controlling DALI drivers. Each control output is selectable to DALI broadcast, DALI addressed, 1-10 V or DSI.

Multiple protocols supported – Each of the five control outputs supports DALI broadcast (maximum ten DALI loads/channel), DALI addressed (maximum ten DALI loads/channel), 1-10 V (maximum 10 mA sink or source/channel) or DSI (maximum five DSI loads/channel).

Built-in energy savings – Control signals can be programmed to operate in tandem with five internal switched outputs, which will automatically isolate the power circuit when all associated channels are at 0%. This is a useful feature as DALI drivers still draw significant power when lamps are turned off via a DALI command.

Integral DALI bus power supply – Removes the need for an additional external device.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Inbuilt diagnostic functionality – Features lamp and driver failure reporting, driver run time tracking for each driver and the switched output, as well as Device Online/Offline status indication.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703031509

DDBC1200 **Signal Dimmer Controller**

Multi-protocol control solution

The Philips Dynalite DDBC1200 features 12 independent output channels, each selectable to DALI Broadcast, 1-10 V or DSI. The device can also be linked to a separate relay module for control of 1-10 V drivers.

Multiple protocols supported – Compatible with a range of fittings and devices including; DSI drivers, DSI electronic low voltage transformers, DALI drivers (broadcast mode only), DALI electronic low voltage transformers (broadcast mode only), 1-10 V drivers and devices that require 0-10 V analog control signals.

LED status indicators – Instant visual feedback on channel status of all 12 outputs.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled lighting circuit.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Dimensions:
93 x 215 x 64 mm (3.66 x 8.46 x 2.52 in)

Ordering Code:
12NC – 913703333909

DBC1210 **Signal Dimmer Controller**

Wall mount multi-protocol control solution

The Philips Dynalite DBC1210 is a 12-channel signal dimmer controller, featuring a maximum of load of 10 A per channel. It is designed for use with DALI, 1-10 V and DSI dimmable drivers and transformers.

Multiple protocols supported – Compatible with a range of fittings and devices including; DSI drivers, DSI electronic low voltage transformers, DALI drivers (broadcast mode only), DALI electronic low voltage transformers (broadcast mode only), 1-10 V drivers and other switched loads.

Service override switch – Incorporated as standard, forces all channels to 100%.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Options available – Including an additional RS-485 DyNet/DMX512 port, earth leakage and overload protection on each channel.

Dimensions:
Standard: 458 x 253 x 140 mm (18.31 x 9.96 x 5.51 in)
RCBO: 585 x 252 x 126 mm (23.03 x 9.92 x 4.96 in)

Ordering Code:

Standard product	12NC – 913703036009
Extra DyNet/DMX512 Port	12NC – 913703036109
Earth leakage/overload protection (RCBO)	12NC – 913703036509
Dual Port & RCBO	12NC – 913703033009

DBC1220GL **Signal Dimmer Controller**

Wall mount multi-protocol control solution for large lighting loads

The Philips Dynalite DBC1220GL is a 12-channel signal dimmer controller, featuring a maximum of load of 20 A per channel and a total device load of 180 A. It is designed for use with DALI, 1-10 V and DSI dimmable drivers and transformers.

Multiple protocols supported – Compatible with a range of fittings and devices including DSI drivers, DSI electronic low voltage transformers, DALI drivers (broadcast mode only), DALI electronic low voltage transformers (broadcast mode only), 1-10 V drivers and other switched loads.

Service override switch – Incorporated as standard, forces all channels to 100%.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Options available – Including an additional RS-485 DyNet/DMX512 port or earth leakage and overload protection on each channel.

Dimensions:
Standard: 458 x 253 x 140 mm (18.31 x 9.96 x 5.51 in)
RCBO: 585 x 252 x 126 mm (23.03 x 9.92 x 4.96 in)

Ordering Code:

Standard product	12NC – 913703038009
Extra DyNet/DMX512 Port	12NC – 913703038109
Earth leakage/overload protection (RCBO)	12NC – 913703038509
Dual Port & RCBO	12NC – 913703032809

DBC905 **Signal Dimmer Controller**

Easy to install controller with flexible mounting options

The Philips Dynalite DBC905 is a nine-channel signal dimmer controller, designed for direct installation within ceiling cavities. The device incorporates structured wiring connectors, to enable ready connection without the use of tools.

Multiple protocols supported – Each control output supports DALI broadcast, DALI addressed, 1-10 V and DSI protocols.

Integration ease – The DBC905 integrates easily with a Building Management System (BMS) via the DyNet control network, making it ideally suited to commercial office installations.

No tools required – The device is available with connectors suited to three major modular wiring brands – CMS Electracom, Wieland and Wago.

Inbuilt diagnostic functionality – Includes lamp and driver failure, circuit run time tracking/lamp life, automated battery tests and Device Online/Offline status indication.

High capacity option available – Offers increased capacity, 200 A surge switched outputs and seven DALI loads or ten 1-10 V loads per channel.

Dimensions:
189 x 416 x 35 mm (7.44 x 16.38 x 1.38 in)

Ordering Code:

CMS connectors	12NC – 913703040509
Wieland connectors	12NC – 913703040009
Wago - high capacity	12NC – 913703040209
CMS - high capacity	12NC – 913703040609
Wieland - high capacity	12NC – 913703040109

DMBC110 **Signal Dimmer Controller**

Luminaire mount multi-protocol control solution

The Philips Dynalite DMBC110 provides intelligent networked control of individual lighting fixtures. The compact design enables mounting directly within the gear enclosure of many lighting fixtures.

Incorporates one relay output and one signal dimmer output – Provides dimming control of DALI, 1-10 V and DSI compatible drivers and transformers.

Gear enclosure mounting – Compact design allows the device to be mounted directly within the gear enclosure of many light fittings.

Fully rated device – Robust relay provides reliable control of difficult lighting loads.

Inbuilt diagnostic functionality – Features Device Online/Offline status indication.

Dimensions:
240 x 45 x 38 mm (9.45 x 1.77 x 1.50 in)

Ordering Code:
12NC – 913703030009

LED **PWM Controllers**

Sydney Town Hall
Sydney, Australia

DDLEDC605GL **PWM Controller**

Directly drive LED fittings with PWM voltage-mode outputs

The Philips Dynalite DDLEDC605GL is designed to control LED loads in decorative architectural lighting applications where creative color mixing and sequencing is required. The controller provides six pulse width modulated common anode voltage mode outputs, suitable for directly driving high intensity LED sources. The controller is designed for connection to an external DC power supply, enabling the unit to deliver a range of nominal output voltages. The Philips Dynalite DDLEDC605GL is DMX512 compatible and is suitable for the high chase speeds commonly found in display lighting.

Designed for connection to external power supply – The device is connected to an external DC power supply, enabling the unit to deliver a range of nominal output voltages.

DMX512 compatible – Capable of receiving native DMX512, allowing use in color mixing or chase sequence applications, such as those found in display lighting.

Diagnostic functionality – Device Online/Offline status reporting.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into a distribution board or other electrical enclosure.

Naturally ventilated – Requires no forced cooling or maintenance.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.13 x 2.95 in)

Ordering Code:
12NC – 913703061209

Multipurpose **Controllers**

BBVA
Spain

DDMC802 **Multipurpose Modular Controller**

Control different load types with one device

The Philips Dynalite DDMC802 provides up to eight configurable output channels, controlled by up to four interchangeable control modules. A selection of control modules is available for a variety of load types.

Single controller solution – Control a variety of load types from one device.

Four module bays module – Accommodates any combination of up to four single modules or two double-size modules.

Leading edge phase control dimmer module – Suitable for use with incandescent lamps and some types of dimmable electronic transformers.

Trailing edge phase control dimmer module – Suitable for use with most types of dimmable electronic transformers.

Relay control module – Suitable for controlling most types of switched loads.

Fan control module – 400 VA three-speed fan control.

Curtain control module – Provides control of curtains, blinds and other motorized window treatments.

Flexible mounting solution – DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Dimensions:
95 x 216 x 74 mm (3.74 x 8.50 x 2.91 in)

Ordering Code:
12NC - 913703243509

Modules:

DGCM102	1 x 2 A Motorized curtain/blind control	12NC – 913703024409
DGFM102	1 x 2 A Fan control	12NC – 913703026709
DGRM204	2 x 4 A Relay control	12NC – 913703261109
DGBM200	2 Channel Signal dimmer driver	12NC – 913703261209
DGLM105	1 x 5 A Leading edge dimmer	12NC – 913703260809
DGLM202	2 x 2 A Leading edge dimmer	12NC – 913703260909
DGLM402	4 x 2 A Leading edge dimmer	12NC – 913703261009
DGTM104	1 x 4 A Trailing edge dimmer	12NC – 913703260609
DGTM202	2 x 2 A Trailing edge dimmer	12NC – 913703260709
DGTM402	4 x 2 A Trailing edge dimmer	12NC – 913703024309

DDMC-GRMS **Multipurpose Modular Room Controller**

Compact controller for single room solutions

The Philips Dynalite DDMC-GRMS is a general room automation and energy management system. Allowing for a range of output modules, the compact unit delivers the ultimate in room comfort through seamless control of lighting, curtains and blinds, as well as limiting standby current consumption from electronic devices connected to power outlets.

Modular controller – Leading and trailing edge dimming modules, signal dimming modules and relay control modules available.

Built-in motor directional relays– Provides control of motorized blinds for a full automation solution.

Pre-programmed – No programming required as the unit is supplied with complex functions such as 'master on/off', 'room unoccupied', 'do not disturb' or 'make up room' already configured. The device can be reconfigured to meet any project requirements.

Three switching channels – Provide additional on/off control of other lighting fixture types.

One 16 A power relay – Enables a total energy management solution, reducing standby power consumption by switching power outlets.

Single box solution – Provides an economical total energy management solution.

Built-in sequential logic functionality – Allows intelligent responses to programmed triggers.

Flexible mounting solution – A DIN-rail mountable device, designed to be installed into the distribution board supplying power to the controlled circuit.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC - 913703212509

Modules:

DDBM101	1 Channel signal dimmer control	12NC – 913703025309
DDRM104	1 x 4 A Relay control	12NC – 913703025009
DDLM102	1 x 2 A Leading edge dimmer	12NC – 913703024809
DDTM102	1 x 2 A Trailing edge dimmer	12NC – 913703025109

DMC-GRMS-UL **Multipurpose Modular Room Controller**

Wall mount controller for single room solutions

The Philips Dynalite DMC-GRMS-UL controller is a general room automation and energy management solution. This controller is completely self-contained and requires no external power supply, relays or processor.

Modular controller – Leading and trailing edge dimming modules, signal dimming modules and relay control modules available.

Pre-programmed – No programming required as the unit is supplied with complex functions such as 'master on/off', 'room unoccupied', 'do not disturb' or 'make up room' already configured. The device can be reconfigured to meet any project requirements.

Built-in directional motor relays – Provides control of motorized blinds for a full automation solution.

Dry contact inputs – The unit receives instructions from button presses or a key card switch.

Six switching channels – Provide additional on/off control of other lighting fixture types.

One 16 A power relay – Enables a total energy management solution, reducing standby power consumption by switching power outlets.

UL924 input – Suitable for use with emergency lighting circuits.

Single box solution – Provides an economical total energy management solution.

Built-in sequential logic functionality – Allows intelligent responses to programmed triggers.

Dimensions:
500 x 320 x 107 mm (19.69 x 12.60 x 4.21 in)

Ordering Code:
12NC – 913703331209

Modules:

DGBM200	2 Channel Signal dimmer driver	12NC – 913703261209
DGLM105	1 x 5 A Leading edge dimmer	12NC – 913703260809
DGLM202	2 x 2 A Leading edge dimmer	12NC – 913703260909
DGLM402	4 x 2 A Leading edge dimmer	12NC – 913703261009
DGTM104	1 x 4 A Trailing edge dimmer	12NC – 913703260609
DGTM202	2 x 2 A Trailing edge dimmer	12NC – 913703260709
DGTM402	4 x 2 A Trailing edge dimmer	12NC – 913703024309

DMC810GL **Multipurpose Controller**

Combining leading edge and signal dimming control

The Philips Dynalite DMC810GL is an 8-channel controller that provides a combination of control technologies. The ability to control mixed load types from one device provides savings in initial capital costs, installation costs and a reduction in ongoing maintenance.

Four channels for control of dimmable loads – Leading edge phase control for use with incandescent, neon, leading edge electronic and iron core transformers.

Four signal control outputs – Selectable to 1-10 VDC, DSI and DALI broadcast for control of lamp drivers.

Four switched outputs – Signal control outputs can operate in tandem with, or separately from, switched outputs.

Interference suppression – Iron powder core toroidal choke lessens effects of interference from other equipment, such as transformers.

Naturally ventilated – Requires no forced cooling or maintenance.

Diagnostic functionality – Device Online/Offline status reporting.

User controls – Incorporates service override switch – all channels to 100% and a diagnostic LED.

Options available – Including an additional RS-485 DyNet/DMX512 port or earth leakage and overload protection on each channel.

Dimensions:
366 x 212 x 179 mm (14.41 x 8.35 x 7.05 in)

Ordering Code:

Standard product	12NC – 913703028009
Extra DyNet/DMX512 port	12NC – 913703028709
Earth leakage/overload protection (RCBO)	12NC – 913703028509
Dual Port & RCBO	12NC – 913703028909

DMC2 **Multipurpose Modular Controller**

Control different load types with one device

The Philips Dynalite DMC2 provides multichannel control via two interchangeable output modules. The device is available with a variety of control modules to handle various load types and capacities.

Single controller solution – Control a multitude of load types from one device, suited to any segment requiring lighting or relay control.

Phase-cut dimmer module – Selectable per channel for leading or trailing edge output. Compatible with most dimming loads.

Signal dimming module – Suitable for controlling 1-10 V, DSI and DALI broadcast drivers. Built-in relays remove power when channel level is at 0%.

Relay control module – Suitable for controlling most types of switched loads.

Flexible mounting solution – Surface or recess mountable enclosure.

Passive cooling – Fanless design reduces noise, power consumption and maintenance costs

Dimensions:
540 x 380 x 103 mm (21.26 x 14.96 x 4.06 in)

Ordering Code:

DMC2-CE	12NC – 913703666109
DMC2-UL	12NC – 913703666009

For modules, please refer to datasheet.

DMC4 **Multipurpose Modular Controller**

Control different load types with one device

The Philips Dynalite DMC4 provides multichannel control via four interchangeable output modules. The device is available with a variety of control modules to handle various load types and capacities.

Single controller solution – Control a multitude of load types from one device, suited to any segment requiring lighting or relay control.

Phase-cut dimming module – Selectable per channel for leading or trailing edge output. Compatible with most dimming loads.

Signal dimming module – Suitable for controlling 1-10 V, DSI and DALI broadcast drivers. Built-in relays remove power when channel level is at 0%.

Relay control module – Suitable for controlling most types of switched loads.

Flexible mounting solution – Surface or recess mountable enclosure.

Passive cooling – Fanless design reduces noise, power consumption and maintenance costs.

Dimensions:
830 x 455 x 106 mm (32.68 x 17.91 x 4.17 in)

Ordering Code:

DMC4-CE	12NC – 913703667909
DMC4-UL	12NC – 913703667809

For modules, please refer to datasheet.

DMC **Control Modules**

Name	Description	Ordering Code
DSM2	DMC2 Supply module	12NC – 913703500509
DSM4	DMC4 Supply module	12NC – 913703668009
DCM-DyNet	DyNet Comms module	12NC – 913703666209
DMD310-CE	3 x 10 A Signal dimmer driver	12NC – 913703666609
DMD310-RCBO-CE	3 x 10 A Signal dimmer driver	12NC – 913703667109
DMD316-CE	3 x 16 A Signal dimmer driver	12NC – 913703666709
DMD316-RCBO-CE	3 x 16 A Signal dimmer driver	12NC – 913703667209
DMD316-UL	3 x 16 A Signal dimmer driver	12NC – 913703667509
DMD316FR-UL	3 x 16 A Signal dimmer driver	12NC – 913703668709
DMR310-CE	3 x 10 A Relay controller	12NC – 913703666409
DMR310-RCBO-CE	3 x 10 A Relay controller	12NC – 913703666909
DMR316-CE	3 x 16 A Relay controller	12NC – 913703666509
DMR316-RCBO-CE	3 x 16 A Relay controller	12NC – 913703667009
DMR316-UL	3 x 16 A Relay controller	12NC – 913703667409
DMR610GL-CE	6 x 10 A Relay controller	12NC – 913703668209
DMR610GL-RCBO-CE	6 x 10 A Relay controller	12NC – 913703668309
DMR610GL-UL	6 x 10 A Relay controller	12NC – 913703668109
DMP310GL-CE	3 x 10 A Phase-cut dimmer	12NC – 93703666809
DMP310GL-RCBO-CE	3 x 10 A Phase-cut dimmer	12NC – 913703667309
DMP310GL-UL	3 x 10 A Phase-cut dimmer	12NC – 913703667609
DMP603GL-CE	6 x 3 A Phase-cut dimmer	12NC – 913703668509
DMP603GL-RCBO-CE	6 x 3 A Phase-cut dimmer	12NC – 913703668609
DMP603GL-UL	6 x 3 A Phase-cut dimmer	12NC – 913703668409
DMP116	1 x 16 A Phase-cut dimmer	12NC – 913703348309

Integration
Devices

Kube Hotel
Saint Tropez, France

PDDEG-S **Ethernet Gateway - Supervisor**

Secure remote connection to the Dynalite System

The Philips Dynalite PDDEG-S provides gateway services between Ethernet and DyNet devices, enabling secure online access to the Philips lighting control system. The gateway enables lighting control via a dedicated Philips app, and access to the timeclock, schedule editor and diagnostic functions via an inbuilt web server.

System supervisory functions – Includes online/offline status reporting for connected devices, network traffic logging, secure remote firmware update and lighting control metrics. Inbuilt timeclock and schedule manager allow the user to manage automated operations and task scheduling.

Multiple integration options.– Supports TCP/UDP, IPv4/IPv6, unicast/multicast/broadcast, DyNet1, DyNet2, Fidelio and 'Text and Binary Integration' protocols. Capable of supporting hundreds of socket connections concurrently.

Flexible connectivity options.– provides secure cloud connectivity to the building with user configurable routing and a choice of RS-485 and Ethernet bridging functions.

Powerful custom task engine – Allows users or third-party systems to run macros such as 'After Hours', 'Shut Down', 'Welcome' and more.

Web server and app access – Enables remote access for lighting control, schedule editing and device configuration.

Dimensions:
95 x 216 x 65 mm (3.74 x 8.50 x 2.56 in)

Ordering Code:
12NC – 913703027409
(Available early 2020)

PDEG **Ethernet Gateway**

Flexible Ethernet integration

The Philips Dynalite PDEG provides a multipurpose Ethernet connection to a Philips lighting control system. It supports access to the lighting system via a dedicated Philips app as well as providing a web interface delivering access to the inbuilt timeclock and schedule editor functions. It provides bridging functionality between Ethernet backbone and the DyNet fieldbus devices.

Large storage capacity – The device stores large project files internally, which apps use to automatically configure their settings. This saves configuration time and ensures accuracy for phone and tablet control.

Built-in web server – Provides control and status via Common Gateway Interface (CGI) protocol. Allows the user to edit and check system settings via the Network Hardware Checker and System Roll Call tools.

No technical skills needed – Inbuilt timeclock and schedule manager allow the user to manage operation and task scheduling without advanced technical knowledge.

Powerful custom task engine – Allows users or third-party systems to run macros, such as 'After Hours', 'Shut Down', 'Welcome' and more.

Advanced interoperability – Supports management of Philips Dynalite and Philips PoE fittings on a single system.

Dimensions:
97 x 110 x 38 mm (3.82 x 4.33 x 1.50 in)

Ordering Code:
12NC – 913703013809

PDEB **Ethernet Bridge**

Inexpensive Ethernet integration

The Philips Dynalite Ethernet Bridge provides a standard Ethernet connection to a Philips lighting control system in applications ranging from tunnels to hotel rooms. It provides bridging functionality between an Ethernet backbone and DyNet devices.

Powerful custom task engine –Allows users or third-party systems to run macros such as 'After Hours', 'Shut Down', 'Welcome' and more.

Versatile mounting options – Hybrid mounting clips allow the device to be mounted on a DIN-rail or to any flat surface.

Dimensions:
97 x 110 x 38 mm (3.82 x 4.33 x 1.50 in)

Ordering Code:
12NC – 913703240009

DDNG232 **RS-232 Network Gateway**

DIN-rail serial port integration

The Philips Dynalite DDNG232 network gateway provides cost-effective serial port integration between a DyNet network and third-party systems.

Seamless integration with third-party systems – Including AV systems, lighting desks, data projectors, HVAC, BMS and security systems.

Internal controls – Programmable logic controller capable of comprehensive conditional and sequential logic and arithmetic function processing.

Predefined data format library or create your own – A library of data formats is available for systems integrators, or can be created using the onboard conditional logic engine to assemble and transmit user-defined data strings.

Macro functions available – To simplify the control of multiple devices.

Flexible mounting solution – DIN-rail mountable, designed to be installed into a distribution board or other electrical enclosure.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703081809

DDNI485 **Passive Gateway**

Cost-effective optical isolation

The Philips Dynalite DDNI485 is a passive network gateway designed to provide a cost-effective optical isolation solution.

Electrical fault isolation – Two opto-isolated RS-485 ports enable the DDNI485 to implement network segmentation, electrically isolating each spur and containing network faults.

Passive device – Does not require programming.

Flexible mounting solution – DIN-rail mountable, designed to be installed into a distribution board or other electrical enclosure.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703081309

DDNG485 **RS-485/DMX512 Gateway**

Flexible network communications gateway

The Philips Dynalite DDNG485 is a flexible network communications bridge designed for RS-485 networks. The two opto-isolated RS-485 ports enable the DDNG485 to implement a trunk and spur topology on large project sites, with the bridge providing a high-speed backbone opto-coupled to many lower speed spurs.

Route DyNet to third-party systems – Such as audio-visual, Somfy blind controllers, Modbus meters and building automation systems, providing an integrated approach to total building control and energy management.

DMX512 mode – Transmit or receive up to 64 channels of DMX512, with automatic DyNet conversion and task triggering. Provides temporary control of house lights from the DMX512 console in an auditorium scenario.

Electrical fault isolation – Faults can be isolated to individual network spurs.

Internal controls – Programmable logic controller capable of comprehensive conditional and sequential logic and arithmetic function processing, packet filtering and DyNet to DyNet 2 translation.

Flexible mounting solution – DIN-rail mountable, designed to be installed into a distribution board or other electrical enclosure.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703081209

DDNG-BACnet **BACnet Network Gateway**

High level BACnet network integration

The Philips Dynalite DDNC-BACnet enables high level integration between a Philips Dynalite system and any building management system (BMS) that uses the BACnet protocol.

Direct control of lighting system – Permits direct control of the lighting system via the building's BMS network.

Capability – N4 Platform, 25 Devices / 1250 Points.

Interrogation ability – Allows interrogation of any area within the network for feedback of current lighting status.

A range of options – Provides solutions suitable for both small and large-scale installations.

Dimensions:
110 x 179 x 61 mm (4.33 x 7.05 x 2.40 in)

Ordering Code:

DDNG-BACnet	J-8025 N4 Platform	12NC – 913703247009
BACNET-DRIVER	DyNet driver and license	12NC – 913703097109

DDNG-KNX **KNX Network Gateway**

High level KNX integration

The Philips Dynalite DDNG-KNX allows for high level integration between a Philips Dynalite system and BMS using the KNX protocol.

Directly trigger tasks – Use the building management system (BMS) to directly control DyNet functions.

Status request – Interrogate a Philips Dynalite system to request current status information.

User controls included – DyNet/KNX service switches and DyNet/KNX diagnostic LEDs.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703080509

DDNI-LON **LON Gateway**

Single point LON interface

The Philips Dynalite DDNI-LON is designed to provide a single point LON interface to a Philips Dynalite system. It is configured to operate on the LON network with Echelon Corporation's LonMaker.

Based on Echelon Corporation's Neuron 3120 chip – Supports 63 SNVTs and will support preset control of 100 presets per area for 30 areas.

Suitable for larger networks – Multiple DDNI-LON devices can be cascaded together to accommodate larger or more complex DyNet networks.

User controls incorporated – Including DyNet service switch, DyNet diagnostic LED, LON service switch and LON diagnostic LED.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703081409

DLLI8I8O **Dry Contact Interface**

Eight-way dry contact interface

The Philips Dynalite DLLI8I8O is an eight-way dry contact interface with LED indicator outputs, that allows mechanical and electronic switches to communicate directly to the DyNet network.

Compact size – Allows installation in electrical wall boxes for easy integration with third-party user interfaces.

Eight dry contact inputs – Each dry contact trigger is individually programmable for a range of tasks.

Eight indicator outputs – Each output is individually programmable to drive an external LED indicator sharing a common cathode, communicating current system status or settings.

Allows up to 20 m cable runs – Enables convenient connection to dry contact interfaces in multiple rooms.

Dimensions:
53 x 30 x 15 mm (2.09 x 1.18 x 0.59 in)

Ordering Code:
12NC – 913703023009

DPMI940-DALI **Dry Contact Interface**

Four-way DALI dry contact interface

The Philips Dynalite DPMI940-DALI is a four-channel input dry contact interface, designed to allow mechanical and electronic switches to interface directly with a DALI network and a Philips Dynalite system.

Fully programmable – Each individual input is fully software programmable over the DALI network, allowing for multiple functions to be performed such as select lighting scene, room join or toggle lighting on/off.

DALI MultiMaster device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI controller.

Powered directly by the DALI network – Eliminates the need for any additional network field wiring.

Compact size – Inputs are presented on flyleads, making the device suitable for installation behind multi-gang switch grids.

Simple dry contact interface – Can be used for low level integration to third-party systems such as security and air conditioning so that the lighting can be coordinated together with other services found within a project.

Dimensions:
Housing: 18 x 34 x 53 mm (0.71 x 1.34 x 2.09 in)
Flyleads: 165 mm (6.50 in) long with bootlace

Ordering Code:
12NC – 913703080609

DDMIDC8 **Low Level Input Integrator**

Flexible input integration

The Philips Dynalite DDMIDC8 is designed to enable cost-effective input integration to the Philips Dynalite control system from third-party systems such as security, HVAC and BMS.

Eight digital inputs – Each can be individually configured as a dry contact or 0-24V AC/DC input.

LED indicator on each input – Provides visual status indication.

Optical isolation – All inputs isolated for high noise immunity.

Four 0-5/0-10 V analogue inputs – Software selectable.

Programmable Logic Controller – Processes comprehensive conditional and sequential logic and arithmetic functions.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703081109

DIR-TX8 **Infrared Transmitter**

Cost-effective infrared output integration

The Philips Dynalite DIR-TX8 is designed to provide cost-effective control of all types of infrared controllable devices, such as AV equipment.

Easy set-up – PC editor software accepts codes downloaded from the Internet.

Macro functionality – Multiple IR codes can be arranged into macros and played back at any time with a single DyNet command.

Intelligent operation – The device includes an internal Programmable Logic Controller and supports all Philips Dynalite script commands.

Compatible with third-party 3.5mm-to-IR-emitter leads - Supports up to four commonly available dual-emitter (stereo) or single-emitter (mono) leads, allowing up to eight individually configurable outputs.

Dimensions:
37 x 79 x 149 mm (1.46 x 3.11 x 5.87 in)

Ordering Code:
12NC – 913703080009

DDFCUC010 **Fan Coil Unit Controller**

Direct control of air conditioning

The Philips Dynalite DDFCUC010 is a fan coil unit controller designed for direct connection to components commonly found in air conditioning systems.

0-10 V outputs – Provided for controlling hot and cold-water valves.

Relay outputs – Provided for driving fan motors.

High capacity relay – Provided for use with electrical heaters or power outlet switching.

Inputs for resistive temperature sensors – Allows the device to use data from a local temperature sensor or a networked temperature sensor, such as an Antumbra user interface.

Programmable auxiliary inputs – Provided for use with peripheral devices including smoke detectors, motion detectors, window open/close sensors, airflow detectors, drip trays, dirty air filters and hot water on cold valve.

Networkable – Can be networked with other equipment including Philips Dynalite user interfaces, via an on-board RS-485 DyNet port.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703081909

DDFCUC024 **Fan Coil Unit Controller**

Direct control of air conditioning

The Philips Dynalite DDFCUC024 is a fan coil unit controller designed for direct connection to components commonly found in air conditioning systems. Triac outputs are provided for controlling hot and cold-water valves, relay outputs are provided for driving fan motors and a high capacity relay output is available for electrical heaters.

0-24 V outputs – Provided for controlling hot and cold-water valves.

Relay outputs – Provided for driving fan motors.

High capacity relay – Provided for use with electrical heaters or power outlet switching.

Inputs for resistive temperature sensors – Allows the device to use data from a local temperature sensor or a networked temperature sensor, such as an Antumbra user interface.

Programmable auxiliary inputs – Provided for use with peripheral devices including smoke detectors, motion detectors, window open/close sensors, airflow detectors, drip trays, dirty air filters and hot water on cold valve.

Networkable – Can be networked with other equipment including Philips Dynalite user interfaces, via an on-board RS-485 DyNet port.

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC – 913703081009

Wireless **Devices**

Optus Stadium
Perth, Australia

PDZG-E **ZigBee Gateway**

Reliable wireless lighting control

The Philips Dynalite ZigBee Gateway Ethernet is a wireless communication hub that connects up to 25 SNS401CMP Wireless Group Controller in a Philips Dynalite lighting control system. The PDZG-E translates between Ethernet and ZigBee.

ZigBee PRO wireless communication – Seamlessly integrates wireless lighting control into a Philips Dynalite system without expensive control wiring.

Wireless mesh network – Ensures stable and robust lighting control in busy environments.

Fully compatible with the Dynalite portfolio – Connect to a Dynalite system through the Ethernet connection. Configure using System Builder.

Wall mount bracket included – Easy to mount on any wall type.

Dimensions:
91 x 91 x 26 mm (3.58 x 3.58 x 1.02 in)

Ordering Code:
12NC – 913703245409
(Available early 2020)

SNS401CMP **Wireless Group Controller**

Wireless control in a small form factor.

The Philips Dynalite SNS401CMP receives DyNet commands over ZigBee from the PDZG-E wireless gateway, and sends DALI messages over an SR bus. This compact device enables control of a single DALI Broadcast channel via a Philips Xitanium SR Bridge, or a 1-10V channel via a Philips Advance SR Bridge. It also features an occupancy and daylight sensor to control the fixtures connected to the SR bridge.

Dimensions:
46 x 74 mm (1.81 x 2.91 in)

Ordering Code:

SNS401CMP/w (EU version)	12NC – 929002108706
SNS401/w (EU version, no ceiling mount bracket)	12NC – 929001657006
SNS401/w (NA version, no ceiling mount bracket)	12NC – 929001657013
Accessories:	
IRT9015/00 (RC5 IR remote control)	12NC – 913700396703
Philips Xitanium SR Bridge independent (DALI)	12NC – 929001546506
Philips Advance Xitanium SR Bridge (0-10V), SRB-LD (side entry)	10NC – 9290007803
Philips Advance Xitanium SR Bridge (0-10V), SRB-BS (bottom entry)	10NC – 9290007802

(Available early 2020)

ZigBee PRO wireless communication – Seamlessly integrates wireless lighting control into a Philips Dynalite system without expensive control wiring.

Wireless mesh network – Ensures stable and robust lighting control in busy environments.

Control a single DALI broadcast or 1-10V channel –Should be used in combination with a Philips Xitanium SR Bridge or a Philips Advance SR bridge.

Small form-factor with attached mounting clips–Enables easy installation in recessed ceilings.

Infrared receiver – Allows easy commissioning into wireless network from the floor using an IR remote, with no need for physical access to the device.

Motion detection feature – Detects the presence or absence of motion and adjusts lights accordingly.

Segmented click-up bezel – Surrounds the motion sensor element and enables a portion of the sensing field to be masked. This prevents nuisance detection from adjacent doorways or corridors.

Ambient light level regulation – In applications where it is critical to maintain precise light levels, the PE sensor reads ambient levels and adjusts artificial light accordingly.

Luminaire accessory variant available – An SNS401 without ceiling mount bracket is available for the design of dedicated luminaire accessories (Wireless Group Controllers).


Network
Devices
The Ritz-Carlton
Berlin, Germany

DDTC001 **Timeclock**

Astronomical 365 day timeclock

The Philips Dynalite DDTC001 timeclock provides a tamper resistant solution for time-based event control on a DyNet network.

Remote programming – The device is programmed via a PC and there are no external controls available, providing a tamper resistant solution.

Advanced clock controls – Features sunrise/sunset tracking and automatic adjustment for daylight saving.

Performs as an energy management controller – Uses powerful macro and conditional logic functions to provide full automation of large commercial projects, where automatic lighting events are required at predetermined times.

Flexible mounting solution – DIN-rail mounted device, designed to be installed into a distribution board.

Dimensions:
86 x 35 x 58 mm (3.34 x 1.38 x 2.28 in)

Ordering Code:
12NC – 913703074009

DDNP1501 **Network Power Supply**

Supplements DyNet network DC supply

The Philips Dynalite DDNP1501 is a 15 V DC 1.5 A regulated power supply designed to supplement the DyNet network DC supply.

No manual selection required – The switch-mode design allows the device to be used with a range of input voltages.

Used when high consumption devices are employed – The DyNet network is self-powered via built-in DC supplies integrated within all mains powered devices. Use of high consumption devices, such as edge-lit touchscreens, can necessitate a requirement for additional power.

Flexible mounting solution – A DIN-rail mountable device, with a circuit breaker profile designed to be installed into all types of distribution board enclosures, including those with cover apertures specifically designed for circuit breakers.

Dimensions:
95 x 105 x 75 mm (3.74 x 4.34 x 2.95 in)

Ordering Code:
12NC – 913703090309

DDPB22-RJ12 **Network Junction Box**

Providing installers with flexible networking options onsite

The Philips Dynalite DDPB22-RJ12 facilitates termination of 22 DyNet flat cables in one location. Flat data cable is specifically designed for high reliability localized network wiring.

Acts as a junction box – Provides flexible networking options.

Facilitates faster installation – The device takes advantage of the RJ12 connection system, allowing for a quick install and simple implementation of a star network topology.

Complements DyNet flat cable – Cable is available in 200 m (656.17 ft) roll or pre-terminated leads of 3, 5 and 10 m (9.84, 16.40, and 32.81 ft).

Dimensions:
94 x 211 x 75 mm (3.70 x 8.31 x 2.95 in)

Ordering Code:
12NC - 913703097809

DMAL120F **Active Load**

Reduces lamp flicker and improves dimming performance

The Philips Dynalite DMAL120F provides correct load conditions for leading edge dimmers, delivering improved dimming performance and reduced lamp flicker in LED and CFL light sources. It achieves this by connecting across the line and neutral wires at any point along a lighting circuit.

Reduces capital outlay – Allows continued use of leading edge dimming methodology when lamps have been updated to more efficient LED and CFL technologies.

Equally suitable for trailing edge dimming – Delivers a better dimming range on LED and CFL lightsources.

Compact design – Enables the unit to be mounted directly within the same enclosure as the load controller, or in the field with LED & CFL lamps.

Note – This device is not suitable for elimination of LED flicker resulting from mains supply instability.

Dimensions:
240 x 45 x 38 mm (9.45 x 1.77 x 1.50 in)

Ordering Code:
12NC – 913703061609

DTK622-USB **PC Node**

PC connection node

The Philips Dynalite DTK622-USB is a PC node that provides a connection to a PC using a USB connection.

Useful interface for any PC – Complete access to all network messages present on the DyNet network.

Commissioning and maintenance tool – To be used in conjunction with any of the Philips Dynalite software, this PC node can be used to commission, diagnose or repair with Philips Dynalite System Builder.

Permanent PC connection – Can be used as a permanent gateway to the system for the Philips Dynalite System Manager head-end software.

Complete solution – Includes USB flash drive with the required drivers.

Dimensions:
24 x 51 x 91 mm (0.94 x 2.01 x 3.58 in)

Ordering Code:
12NC - 913703090209

DTK622-232 **Serial Port Node**

Serial port connection node

The Philips Dynalite DTK622 is a network gateway that provides passive integration to a PC or RS-232 system.

Full duplex integration – Useful for linking a Philips Dynalite system with an AV or air conditioning system that supports RS-232.

Dimensions:
24 x 51 x 91 mm (0.94 x 2.01 x 3.58 in)

Ordering Code:
12NC - 913703090109

DyNet-STP-CABLE-LSZH **Cat5 Cable**

100MHz 100Ω STP 4 pair Cat5e

DyNet data cable is specifically designed for high reliability RS-485 network wiring. In addition to a twisted pair for RS-485 data, conductors are provided to supply DC power to network powered devices.

Overall shield for maximum data integrity – The data cable is flexible and all conductors are stranded.

Fast termination – Designed for robust termination into pressure-plate style terminals.

Extra thick outer jacket – Mains rated for use in distribution boards.

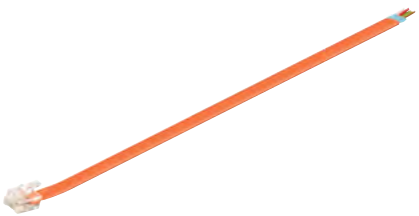
Supplied in 305 meter roll.

Dimensions:
Cable length: 305 m (1000.61 ft)

Ordering Code:
12NC – 913703898809

DyNet-SFLAT6-CABLE **Flat Cable**

Cable roll and cable kits for faster installation



Flat data cable is specifically designed for high reliability localized network wiring. In addition to a conductor pair for data, conductors are provided to supply DC power to network powered devices.

Overall shield for maximum data integrity – The data cable is flexible and all conductors are stranded.

Fast termination – Designed for rapid crimp termination into RJ12 plugs for use with Philips Dynalite products supporting RJ12 sockets.

Supply options – Available in 200 m (656.17 ft) rolls or in pre-terminated leads of 0.5, 5 and 10 m (1.64, 16.40 and 32.81 ft) lengths.

Utilize DDPB22-RJ12 network junction box for faster installation – Facilitates termination of 22 DyNet flat cables in one location.

Ordering Code:

200 m (656.17 ft) roll	12NC – 913703095009
10 m (32.81 ft) lead	12NC – 913703898909
5 m (16.40 ft) lead	12NC – 913703899009
0.5 m (1.64 ft) lead	12NC – 913703899109

DH2X24 **DIN Rail Enclosure**

Safe, flexible housing for DIN rail devices

The Philips Dynalite DH2X24 is a wall-mounted enclosure with two 24-unit DIN rails, designed for easy mounting and housing of Dynalite DIN rail products. The enclosure includes a removable front cover, removable DIN rail plate, and a variety of cabling knockouts along the side, top and bottom for safe and convenient installation.

Galvanized steel body – Extremely durable construction, designed to keep housed devices safe.

Passive cooling – Sufficient ventilation to accommodate any combination of Dynalite DIN rail dimming controllers at up to 70% of their rated loads.

Removable DIN rail plate – Allows you to mount devices outside of the enclosure, or run wiring behind the plate to maintain segregation.

Designed to hold up to four 12-unit DIN rail devices – or any combination of smaller devices, up to 24 units per rail.

Dimensions:
410 x 494 x 107 mm (16.14 x 19.45 x 4.21 in)

Ordering Code:
12NC - 913703339909

Rijksmuseum
Amsterdam, The Netherlands

Software and Apps

Philips Dynalite System Manager

System control, monitoring and management

Philips Dynalite System Manager is a multi-user control system management and monitoring software tool. It provides users with full visibility of the lighting and energy management system status and performance, while enabling simple local or global system adjustments.

Ordering Code:
12NC – SW913703089909

Complete control – Initiate system changes, from a single lamp to the lighting state of an entire multi-story building, with a single mouse click.

Simple scheduling – Intuitive tools enable the user to schedule and manage events such as 'office space to day mode' or 'car parks to after-hours security mode' with ease.

Easy integration – Integration tools allow the user to manage more than just lighting. HVAC, motorized window shades and other systems are accessible through System Manager.

Manage routine maintenance – Full support of maintenance functions means that routine tasks can be undertaken without the involvement of a system specialist. Faults are automatically flagged for attention, ensuring that the facility continues to function and operational downtime is minimized.

Strike the balance – Alternate energy management schemes can be initiated automatically or manually, as required. This allows facility managers to balance energy efficiency with the needs of the occupants and can be initiated on either a tenancy or building-wide basis.

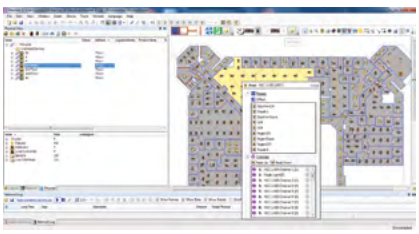
Identify energy-saving initiatives based on current use – The energy dashboard presents live data as simple visual displays. It mines raw data for analysis, to both establish a benchmark for future improvements and pinpoint exactly where energy is being used.

Tailored control of individual light fittings – The optional desktop app resides in the task bar of a user's computer and allows task lighting to be tailored to the user's individual preferences. Linking PC usage to the lighting control system ensures lights are not left on unnecessarily.

Philips Dynalite System Builder

Fast and efficient lighting control system set-up

Designed with the system installer and integrator in mind, System Builder is a comprehensive platform from Philips Dynalite. This user-friendly and intuitive application sets a new benchmark for efficient lighting control system set-up.



New and improved set-up templates – Provides a simple and intuitive interface for access to advanced system functionality, allowing flexibility to modify, customize or create specific tasks if required.

Faster commissioning times – Includes a series of common device settings based on typical lighting control scenarios. Tailor to your project, save and replicate across other sites as required.

Virtual panel – Control any area of the system directly, run sequences and test final operations.

Complex functionality made simple – Manage logical grouping of lamps and other system hardware elements using simple graphical representations.

Maintenance made easy – Print out project floor plans with fixture details, including DALI addresses, to facilitate maintenance planning.

Live data details – The status of each lamp is visually represented using icons, which change color to reflect current lighting levels.

Monitor the whole system – Inbuilt network monitor details and logs all Philips Dynalite network traffic, as well as DALI network traffic.

Ordering Code:
Philips Dynalite System Builder is available for authorized users on the technical support website www.dynalite.org

Philips Dynalite Control App

Intuitive mobile interface

The new Philips Dynalite control app is available for iOS. It provides intelligent mobile control of the Philips Dynalite system in both residential and commercial applications. Wrapped in a modern and intuitive user interface, this app allows you to manage scenes, control individual channels and apply schedules.

Plug-and-play – Connect the mobile app to the Philips Dynalite system and it's ready to use.

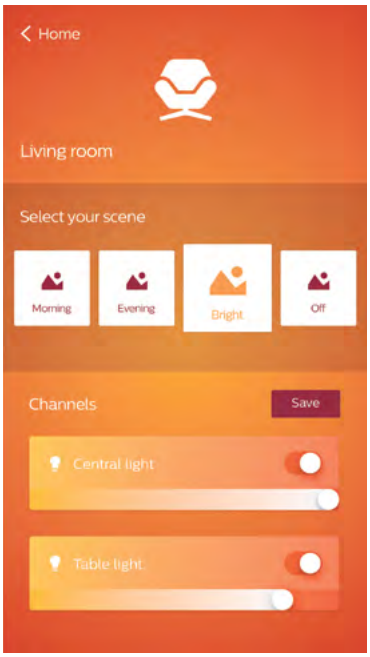
Scene management – Recall and edit pre-defined lighting scenes and control individual lighting channels.

Scene scheduling – Trigger lighting scenes based on a schedule.

Simple connection – Connect to the PDEG - Philips Dynalite Ethernet Gateway, through your local Wi-Fi network.

Available for iOS – Works on iPhone, iPad and iPod Touch

Ordering Code:
Search the iOS App Store for 'Philips Dynalite'.



Philips Dynalite EnvisionTouch

Intuitive and effortless control

The Philips Dynalite Self-configuring Mobile App provides intelligent system control via an iOS or Android hand-held device. Suited to both residential and commercial control applications, multiple integrated systems can be easily controlled with single preset scenarios such as 'Welcome Home' or 'After Hours'.

Self-configuring application – Standardized templates and functionality reduce commissioning and installation time.

Effortless control – Users can view current system status and make adjustments to lighting, HVAC, blinds and other equipment connected to the Philips Dynalite control network.

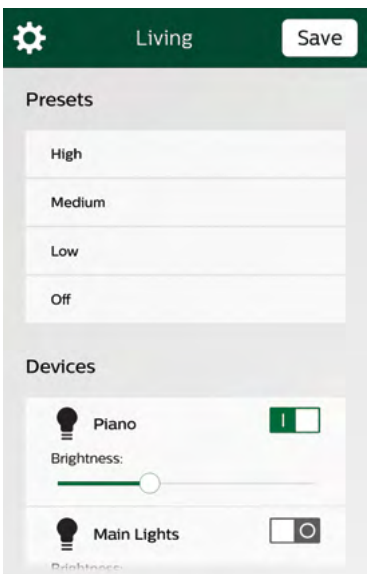
Control individual lighting channels – Adjust standard light sources via sliders, with an option to control tunable white fixtures and RGB color settings.

Single-click control – Recall predefined user preferences for lighting, blinds, heating and entertainment systems.

Available for iOS and Android – Works on iPhone, iPad, iPad Mini, iPod Touch and a range of Android phones and tablet devices.

Simple Ethernet connection – Requires a Philips Dynalite Ethernet Gateway and a WiFi router to connect to a Philips Dynalite System.

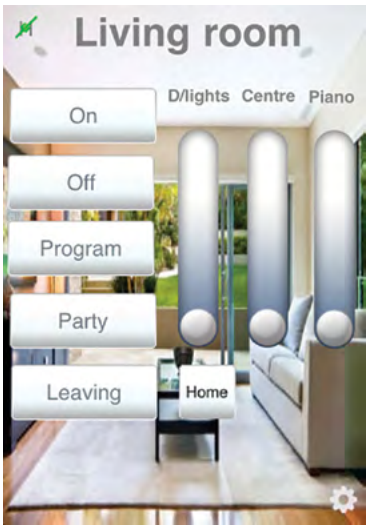
Ordering Code:
Search the iOS App Store or Google Play Store for 'Philips Dynalite'.



Philips Dynalite DynamicTouch

Fully tailored to customer needs

The Philips Dynalite Customizable Mobile App provides intelligent system control, via an iOS hand-held device. Suited to both residential and commercial control applications, multiple integrated systems can be easily controlled with single preset scenarios. It is fully customizable, providing the user with the ability to fine-tune both the system and the appearance of the interface itself.



Fully customizable – The page layout and graphical design of this app can be customized by the installer to meet the exact requirements of the end-user. It is the ideal choice in applications such as boardrooms, where high levels of control are required for multiple systems through a single app.

Effortless control – Users can view current system status and make adjustments to lighting, HVAC, blinds and other equipment connected to the Philips Dynalite control network.

Control individual lighting channels – Adjust standard light sources via sliders, with an option to control tunable white fixtures and RGB color settings.

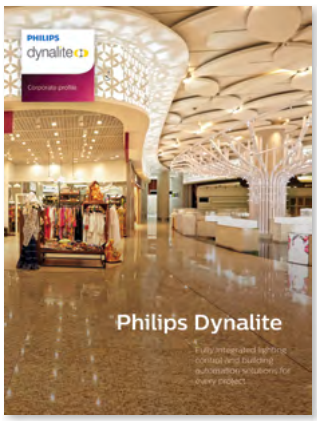
Single-click control – Recall predefined user preferences for lighting, blinds, heating and entertainment systems.

Available for Apple iOS devices only – Works on iPhone, iPad, iPad Mini and iPod Touch.

Simple Ethernet connection – Requires a PDEG and a WiFi router to connect to a Philips Dynalite system.

Ordering Code:
Search the iOS App Store for 'Philips Dynalite'.

Further Reading



Visit **www.signify.philips.com/dynalite** to download your copy of our brochures or contact your local Signify representative.

China Resources Headquarters
Shenzhen, China

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Cover Image: Optus Stadium, Perth

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