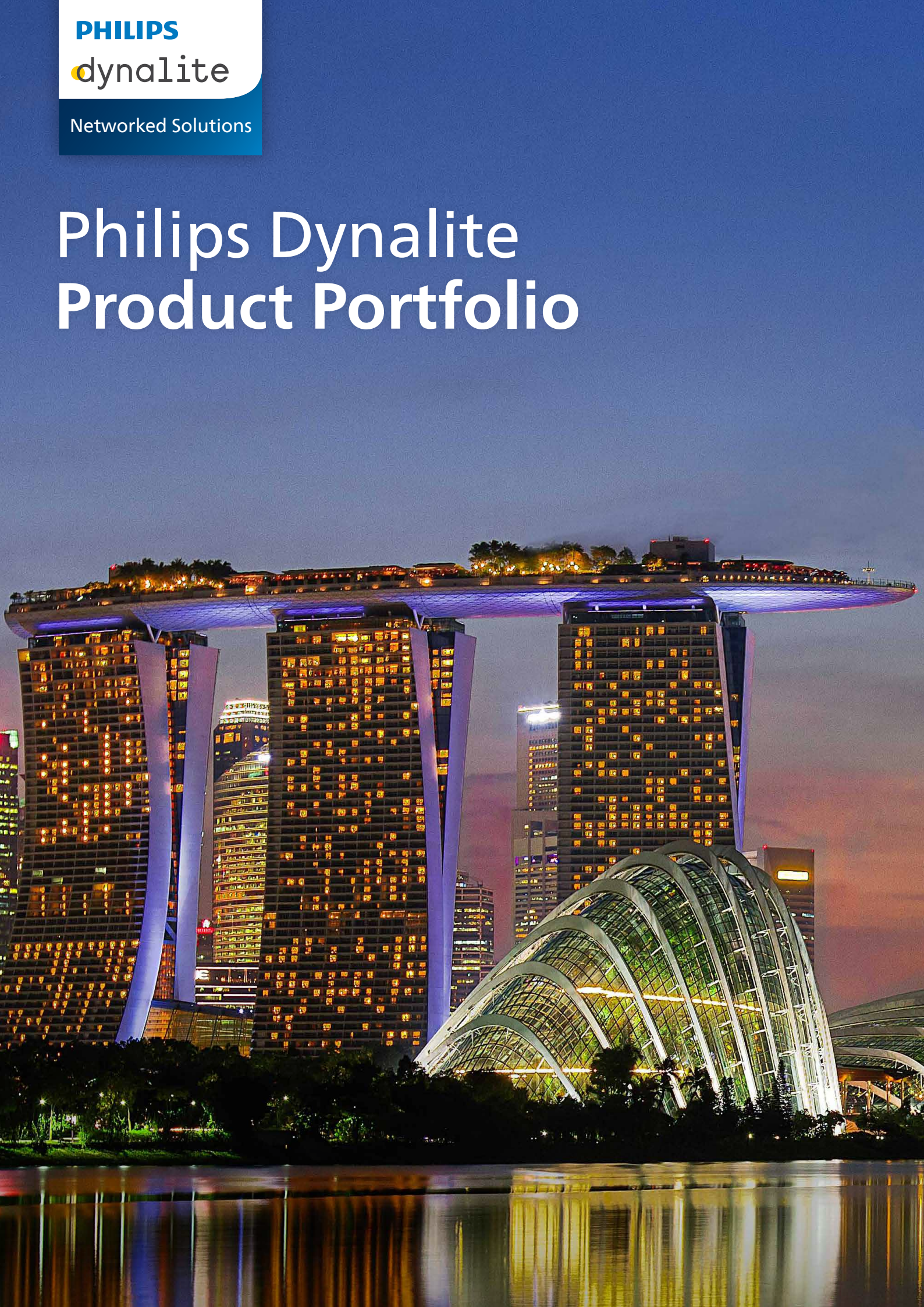
PHILIPS
dynalite

Networked Solutions

Philips Dynalite **Product Portfolio**



Rolls Royce Showroom, Qurum - Muscat Oman

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 40,000 projects, Philips Dynalite has implemented some of the largest and most extensive control networks around the globe. The same robust technology can be applied to 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 Color Kinetics, Cooper Lighting Solutions, and Signify Interact.

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 provides 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 the specification sheet and installation instructions, available for download at: www.dynalite.com

PHILIPS

dynalite

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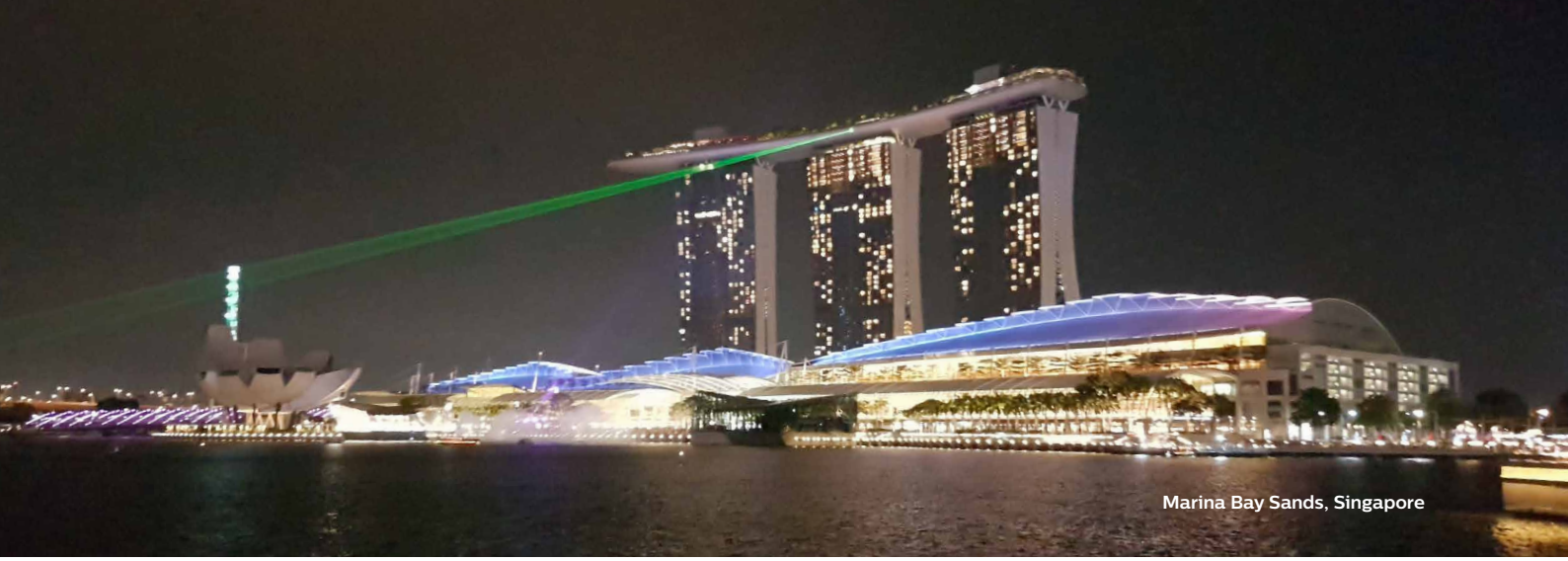

Marina Bay Sands, Singapore

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User Interfaces

Flight Club social darts,
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PAxBPA **Antumbra Button US/ANZ**

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

The Philips Antumbra Button 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 Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PAxBPE **Antumbra Button EU**

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

The Philips Antumbra Button 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 Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

DADPA **Antumbra Display US/ANZ**

Contemporary button panel with colour display

The Philips Antumbra Display user interface provides a central colour 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 DADPA 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 languages and icons – Display language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Central colour display – 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 Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

DADPE **Antumbra Display EU**

Contemporary button panel with colour display

The Philips Antumbra Display user interface provides a central colour 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 DADPE 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 languages and icons – Display language choices include English, Chinese and Arabic. A library of common icons transcends language barriers, which is particularly useful in hospitality applications.

Central colour display – 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 22 mm (3.46 x 3.46 x 0.87 in)

Ordering Code:
Please use the online Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PATPA **Antumbra Touch US/ANZ**

Contemporary smooth glass panels with capacitive touch technology

The Philips Antumbra Touch 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.

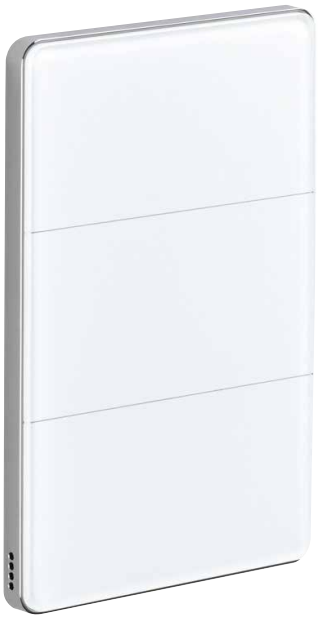
Capacitive touch technology – Smooth glass finish detects the presence of a finger and triggers a button press action.

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 Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PATPE **Antumbra Touch EU**

Contemporary smooth glass panels with capacitive touch technology

The Philips Antumbra Touch 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 Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PAxBLE **Antumbra Button Lite EU**

Two, four, or six-button panel with dry contact switches

The Antumbra Button Lite is a cost-effective user interface with a sleek, contemporary design, intended for use with any Dynalite load controller featuring dry contact inputs. Available in the full range of Antumbra button and rim finishes, AntrumbraLite also supports customized button labelling with text or icons to suit any application.

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 – Buttons and rims are available in a range of attractive polycarbonate and metallic finishes.

Dimensions:
88 x 88 x 24.5 mm (3.46 x 3.46 x 0.96 in)

Ordering Code:
Please use the online Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PDRDE **Revolution Display EU**

Contemporary touchscreen user interface

The Philips Dynalite Revolution Display features a sleek, contemporary design and dynamically detects and responds to user presence. The full-colour capacitive touchscreen display can perform a variety of local and site-wide control functions.

The Revolution Euro range is suitable for, but not limited to, European, Middle Eastern, African and Asian markets.

User proximity detection – The user interface detects an approaching user and lights up to encourage interaction, then dims automatically as they move away to reduce light pollution.

Colour touchscreen display – Provides at-a-glance system information with intuitive, easily understandable control options.

Supplied as two components – The application module includes the display and mounting plate. The communication module (DACM) contains logical and network functions and can be programmed off-site to enable commissioning prior to application module installation.

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

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

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

Dimensions:
88 x 88 x 38 mm (3.46 x 3.46 x 1.50 in)

Ordering Code:

PDRDxxE-xxB-x (Black)	12NC – 913703375209
PDRDxxE-xxW-x (White)	12NC – 913703252009

PDRxA **Revolution Button US/ANZ**

Contemporary two-, four-, or eight-button panel with backlit buttons

The Philips Dynalite Revolution Button 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 Revolution American 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 lights up to encourage interaction.

Color backlight – Customize each button's backlight from an RGB color palette.

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 (DACM) contains logical and network functions and can be pre-programmed off-site, allowing commissioning to commence prior to finalizing rim and button options.

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.

Custom button engraving – Available on request.

Décor-matching options – Buttons and rims are available in a range of attractive glass-look polycarbonate finishes.

64-channel DMX Tx support – Can be set up to communicate directly with DMX fixtures.

Dimensions:
116 x 76 x 38 mm (4.57 x 2.99 x 1.50 in)

Ordering Code:
Please use the online Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PDRxE **Revolution Button EU**

Contemporary two-, four-, or eight-button panel with backlit buttons

The Philips Dynalite Revolution Button 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 Revolution Euro 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 lights up to encourage interaction.

Color backlight – Customize each button's backlight from an RGB color palette.

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 (DACM) contains logical and network functions and can be pre-programmed off-site, allowing commissioning to commence prior to finalizing rim and button options.

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.

Custom button engraving – Available on request.

Décor-matching options – Buttons and rims are available in a range of attractive glass-look polycarbonate finishes.

64-channel DMX Tx support – Can be set up to communicate directly with DMX fixtures.

Dimensions:
88 x 88 x 38 mm (3.46 x 3.46 x 1.50 in)

Ordering Code:
Please use the online Dynalite Design Studio at *https://designstudio.dynalite.com/#/dl*

PDRxxxE **Revolution Multigang Frames EU**

Two and three multigang frames for Revolution user interfaces and the Simon Electric V8 range

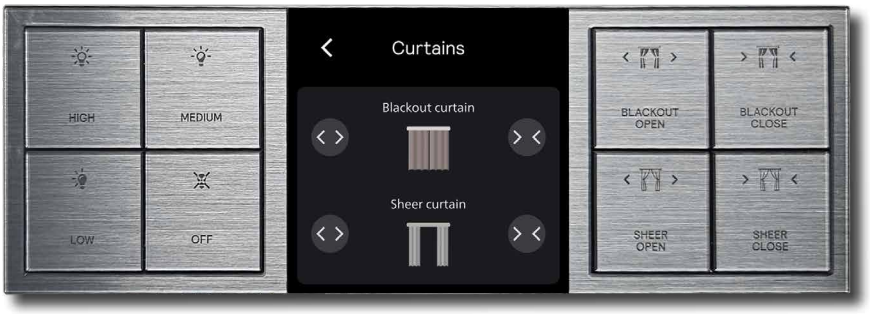
Revolution multigang frames can include any electrical module from the Simon Electric V8 range* – Mains outlets, networking ports, audiovisual connectors, room status indicators, doorbells, and more.
Revolution multigang provides the perfect combination of power and connectivity options for a complete project offering.

*Please refer to the Simon Electric V8 range in your region.

Multiple mounting options – The Revolution range is designed to satisfy high-end market expectations by offering multiple user interface mounting options. Two- and three- gang frames are available that include Button, Display and V8 modules, enabling customers to select their preferred combination.

Matching colour options – Multigang frames are available in the same colours and finishes as single gang Revolution button user interfaces, providing a seamless installation of multiple modules.

Two to eight button modules – On each button module, you can select from two to eight buttons engraved with text and/or icons (eight-button modules shown for illustration purposes).

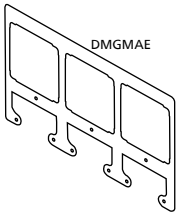


Dimensions:
Two-gang: 88 x 176 x 10 mm (3.46 x 6.93 x 0.40 in)
Three-gang: 88 x 264 x 10 mm (3.46 x 10.39 x 0.40 in)

Ordering Codes:
Please use the online Dynalite Design Studio at https://designstudio.dynalite.com/#/dl

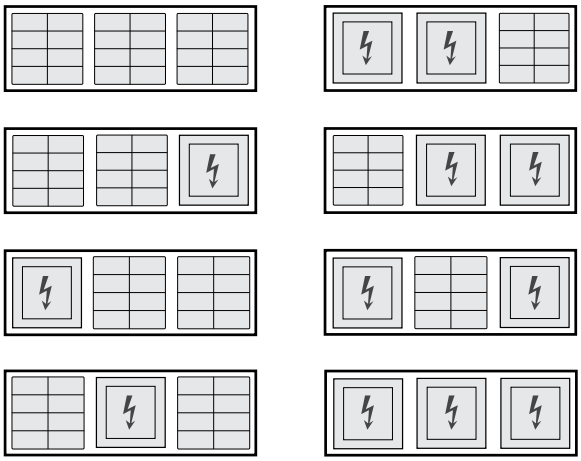
Dynalite Multigang Mounting Accessory EU
The DMGMAE is a resuable tool enabling perfect alignment of your multigang panels (Sold separately)

Ordering Code: DMGMAE
12NC - 913703274609

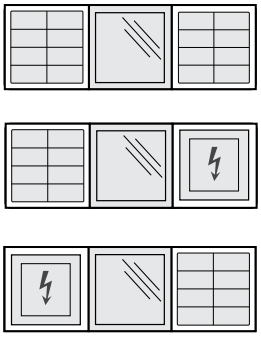


Revolution three-gang

Buttons, V8 Module

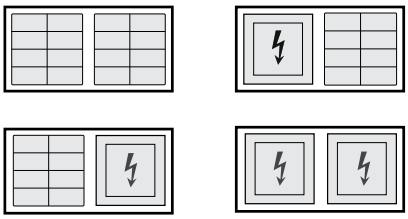


Buttons, Display, V8 Module

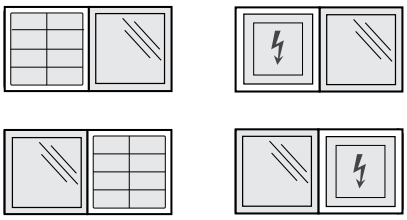


Revolution two-gang

Buttons & V8 Module



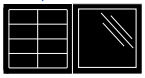
Buttons & Display, V8 Module & Display



PDR8DxE-BBB-S

1G 2G 3G

Example



1, 2, or 3-Gang* Module Options
8 = Eight Buttons
4 = Four Buttons
2 = Two Buttons
D = Display Module
V = V8 Module
x = Not selected

Button Finish
B = Black
W = White
A = Aluminum
G = Gold

Frame Finish**
BB = Black
WW = White
AA = Aluminum
GG = Gold

Button Labelling
S = Standard Labelling
L = Custom Labelling

* Revolution Display must be in the centre position for 3-Gang orders.
** 1-gang Revolution Display only avilable in Black or White frame.

DACM-DyNet **DyNet Communication Module**

DyNet network interface for Antumbra and Revolution user interfaces

The DACM-DyNet is a DyNet communication module that connects Antumbra and Revolution user interfaces to the Philips Dynalite system.

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

64-channel DMX Tx support – Can be set up 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 913703072809

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 a powerful onboard processor with 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.

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 – 913703130509
Accessories:	
DDNP1501 (12 VDC network power supply)	12NC – 913703090309

UI Demo box

Easy to carry demonstration box for eight UIs

The User Interface demonstration box is worthy of both Antumbra and Revolution's sleek aesthetics. Each box contains room for eight user interfaces of the same format (either EU or NA). Lightweight and portable, the leather handle makes carrying the case a breeze while foam inserts hold the UIs securely in place. The user interfaces must be ordered separately, allowing sales teams to select precisely what devices, button labelling, and finishes to showcase.

Note: The demo box does not allow for the UI to be powered.

Dimensions:
260 x 350 x 170 mm (10.24 x 13.78 x 6.691 in)

Ordering Code:
PD-UIA-DEMOBOX 12NC - 913703378609
PD-UIE-DEMOBOX 12NC - 913703378509

UI Demo board

All-in-one UI demonstration board

The User Interface demonstration board provides an easily transportable all-in-one showcase of Philips Dynalite Antumbra and Revolution button panel UIs and finishes. Use the board as a basic display or add communication and power modules for live demonstrations.

Dimensions:
530 x 605 x 360 mm (20.80 x 23.80 x 14.20 in)

Ordering Code:
PD-UI-EU-DemoBoard 12NC - 913703355109
PD-UI-NA-DemoBoard 12NC - 913703372409

Sensors

Becton cafe - Yale University,
Connecticut USA

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.

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 – 913703689609

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. Integrated DIP switches allow physical adjustment of the sensor's area addressing, no-motion time-out period, and corridor hold functionality, for commissioning-free installation and replacement.

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 – 913703029309

DUS360CR-D **Multifunction DALI Sensor**

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

The Philips Dynalite DUS360CR-D is a recess mountable 360 degree multifunction sensor that combines motion detection (PIR) and ambient light level detection (PE) in one device. The DUS360CR-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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.

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

Ordering Code:
12NC – 913703213009

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.

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

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-D **Multifunction DALI Sensor**

Surface mount 360° ceiling sensor

The Philips Dynalite DUS360CS-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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 Ultrasonic 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

DUS30CS **Multifunction DALI 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

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

DUS30LHB-D **Multifunction DALI Sensor**

Long-range high bay DALI network sensor

The Philips Dynalite DUS30LHB-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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 – 913703015609

DUS90WHB-D **Multifunction DALI Sensor**

Wide-angle high bay DALI network sensor

The Philips Dynalite DUS90WHB-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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

DUS90AHB-D **Multifunction DALI Sensor**

Aisleway high bay DALI network sensor

The Philips Dynalite DUS90AHB-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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

Relay **Controllers**

Grand Egyptian Museum,
Cairo Egypt

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

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

Unique LAN addressing – 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

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 controller 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 controller 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 controller online/offline status indication.

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

Ordering Code:
12NC – 913703050009

Load **Controllers**

Pathway and English Language Centre,
Dunedin New Zealand

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 – Controller 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

DDBC120-DALI **DALI-2 Driver Controller**

Full DALI–2 control solution with inbuilt DALI power supply and driver power management

The Philips Dynalite DDBC120-DALI is ideal for small-scale projects looking for a compact, all-in-one DALI control solution. This controller operates seamlessly with all other Dynalite controllers, sensors, user interfaces and head-end software.

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

Ordering Code:
12NC – 913703685109

Single-master 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 user interfaces.

Auto–enumeration – Provides automatic enumeration of drivers when powered on and enables self-repair of the network if a driver fails and is replaced.

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

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

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/driver online/offline status indication.

DDBC320-DALI **DALI-2 Driver Controller**

Full DALI-2 control solution with inbuilt DALI power supply and driver power management

The Philips Dynalite DDBC320-DALI is a three-universe controller, ideal for large-scale projects looking for a powerful all-in-one DALI control solution. This controller operates seamlessly with all other Dynalite controllers, sensors, user interfaces and head-end software, and includes a secured Ethernet port for network communication.

Single-master 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 user interfaces.

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

Driver standby power elimination – Internal switched relay automatically isolates each universe's power circuit when all drivers are dimmed to 0%.

Independent universe enumeration – Commission each universe individually without affecting other universes or controller functionality.

UL924 Input – Integrates seamlessly with compatible emergency systems.

Auto-enumeration – Provides automatic enumeration of drivers when powered on and enables self-repair of the network if a driver fails and is replaced.

Silent enumeration – Constantly checks the DALI bus for changes, automatically enumerating individual driver replacements with no disruption to lighting performance.

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

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

Driver management tools – Includes lamp and driver status reporting, driver runtime tracking, and emergency test reporting.

Dual functionality – Leverage advantages of a true DALI network solution, whilst still providing access to the full DyNet feature set.

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.

Dimensions:
95 x 216 x 64 mm (3.74 x 8.5 x 2.52 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 would otherwise 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 controller 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 or 0-10 V control.

Multiple protocols supported – The Philips Dynalite DDBC1200 features 12 independent output channels, each selectable to DALI Broadcast or 0-10 V control.

Inbuilt protocol selection – Installers can toggle each channel between DALI Broadcast and 0/1-10 V without the need for commissioning software.

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

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

Flexible mounting solution – DIN rail mounting clips designed for installation into the distribution board supplying power to the controlled lighting circuits.

Inbuilt diagnostic functionality – Device Online/Offline status and individual control channel status indicators.

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

Ordering Code:
12NC – 913703372009

DBC905W **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 quick 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 – 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 controller 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:

Wieland connectors	12NC – 913703040009
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 versatile and convenient installation.

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.

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

Ordering Code:
12NC – 913703030009

DDC116-UL **Signal Dimmer Controller**

Speed up your lighting control design and installations

The Philips Dynalite DDC116-UL provides intelligent networked control of 0-10V and DALI broadcast lighting circuits, delivering the flexibility to easily scale your projects from room-based controls to complete building-wide networked controls. The compact plenum-rated design is compatible with standard junction box wiring schemes, reducing your installation effort and project costs.

Incorporates one relay output and one signal dimmer output – Provides dimming control of 0-10 V or DALI broadcast drivers and transformers.

Driver standby power elimination – Internal relay automatically isolates the lighting power circuit when driver is dimmed to 0%.

UL924 Input – Integrates seamlessly with compatible emergency systems.

Flexible mounting solution – UL 2043 / Chicago plenum-rated plastic enclosure designed for mounting directly onto a junction box.

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

Easy to install and configure – Reduced installation complexity and project costs.

Flexible deployment – Suitable for room-based applications or integration across multiple spaces.

Standalone operation – Single-button configuration assigns the DDC116-UL to one of five preconfigured lighting zones, enabling individual zone control via the Philips Dynalite range of user interfaces and sensors, without the need for commissioning or head-end software.

Networked operation – Seamless conSnectivity to the rest of the Dynalite system enables a range of expanded functionality such as automated scheduling, head-end software monitoring and management, and network gateway integration to third-party systems including BACnet, OPC UA, and others

Dimensions:
112 x 110 x 43 mm (4.40 x 4.33 x 1.69 in)

Ordering Code:
12NC – 913703376709

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 – 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.

Signal dimmer control module — Suitable for 1-10 V, DSI, and DALI Broadcast control, including DALI 209 tunable white drivers.

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

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 switched 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, refer to next page.

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)

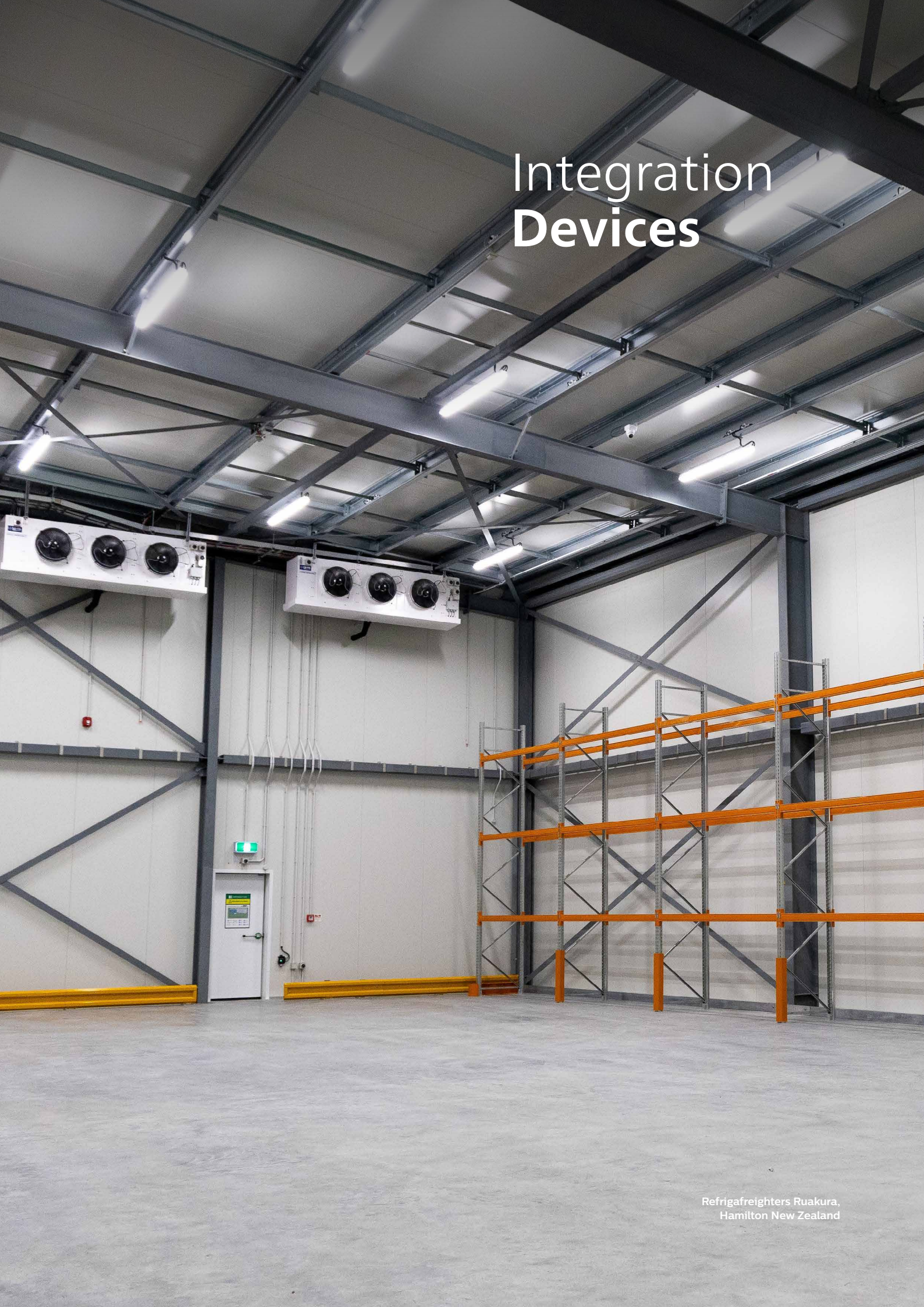
Ordering Code:

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

For modules, refer to next page.

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**

Refrigafreighters Ruakura,
Hamilton New Zealand

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 system integrators, or can be created using the onboard conditional logic engine to assemble and transmit user-defined data strings.

Macro functions available – 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:
95 x 108 x 64 mm (3.74 x 4.25 x 2.52 in)

Ordering Code:
12NC – 913703366909

DDNG-KNX **KNX 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

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.

This interface is also capable of driving an infrared LED (not included) to function as an IR blaster to devices supporting IR receive in response to commands from 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.

IR blaster functionality – Configurable to send infrared commands when paired with a compatible IR LED (required command sequences must be sourced and uploaded via System Builder).

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

Ordering Code:
12NC – 913703023009
12NC – 913703369209 (pack of 5)

DPMI940-D **Dry Contact Interface**

Four-way DALI dry contact interface

The Philips Dynalite DPMI940-D 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 device – Designed to operate seamlessly with the Philips Dynalite DDBC120-DALI or DDBC320-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

DDFCUC **Fan Coil Unit Controller**

Direct control of air conditioning

The Philips Dynalite DDFCUC is a fan coil unit controller, designed for direct connection to components commonly found in heating, ventilation, and air conditioning (HVAC) systems with fan coil units (FCU).

0-10 V and TRIAC (0-24 V) valve outputs – Provided for control of hot and cold water valves.

0-10 V fan output – Silent, accurate speed signal control of compatible fans.

1 to 3-speed fan output – Switched control of LOW/MED/HIGH fan settings.

GPR (General Purpose Relay) – Provided for use with electrical heaters or power outlet switching via an external contactor.

Suitable for non-seasonal two-pipe systems - Refer to the easy-to-follow DDFCUC Installation Instructions and DDFCUC Commissioning Guide for more information.

Configurable inputs – For use with peripheral devices including smoke detector, motion detector, window open/close sensor, airflow detector, drip tray overflow, dirty air filter, and hot water on cold valve. Supports 0-10 V, dry contact, and 20 kΩ NTC sources.

0-10V valve position feedback – With compatible valves, INPUT1 and INPUT2 can capture position feedback for control outputs VALVE1 and VALVE2 respectively.

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

Networkable – Can be networked with other Dynalite equipment via the onboard RS-485 DyNet port.

Dimensions:
95 x 108 x 64 mm (3.74 x 4.25 x 2.52 in)

Ordering Code:
12NC – 913703367009

PDZG-E **Zigbee Gateway**

Reliable wireless lighting control

This wireless communication hub translates between Ethernet and Zigbee, connecting multiple Zigbee nodes (compatible luminaires and/or wireless signal dimming controllers) to the Dynalite control system.

Zigbee PRO wireless communication – Seamlessly integrate wireless lighting control into a Dynalite system without expensive wiring.

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

Fully compatible with the Dynalite portfolio – Enable wireless control via Ethernet from any interface, sensor, or task/schedule host device connected to the Dynalite system.

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

Dimensions:
89 x 89 x 26 mm (3.50 x 3.50 x 1.02 in)

Ordering Code:
12NC – 913703372109

Network
Devices

PALA residence,
Gold Coast Australia

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, BACnet, 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.

Secure connection to Dynalite controllers – Each PDDEG-S supports encrypted communication with up to 25 Ethernet-equipped controllers. including the DDBC320-DALI and DDRC-GRMS-E.

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

Ordering Code:
12NC – 913703027409

BACnet License

PDDEG-S BACnet	100 point license	SW913703370509
PDDEG-S BACnet	1k point license	SW913703370609
PDDEG-S BACnet	5k Point license	SW913703370709
PDDEG-S BACnet	10k Point license	SW913703370809
Tridium VYKON JACE® 8000 controller	DyNet driver and license	12NC 913703097109

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 devices 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 trigger 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

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 optically 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 optically coupled to many lower speed spurs.

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

DMX512 mode – Transmit or receive up to 512 channels of DMX with automatic DyNet conversion and task triggering. Provides temporary control of house lights from the DMX 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 108 x 64 mm (3.74 x 4.25 x 2.52 in)

Ordering Code:
12NC – 913703366709

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 VDC 1.5 A regulated power supply that supplements the DyNet network DC supply and provides a convenient RJ12 port for commissioning the Dynalite system.

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.

Front-facing RJ12 port – Provides a convenient connection point to the DyNet RS-485 bus for commissioning engineers using a laptop and PC node.

Dimensions:
95 x 108 x 64 mm (3.74 x 4.25 x 2.52 in)

Ordering Code:
12NC – 913703130509

PD-PCN **USB PC Node**

PC connection node

The Philips Dynalite PD-PCN provides a USB connection from your PC to the Dynalite system.

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

Commissioning and maintenance tool – Can be used in conjunction with Philips Dynalite System Builder to commission, configure, and diagnose Dynalite devices.

Versatile mounting – Robust housing includes cable tie attachment points for easy installaton onto server racks or other IT infrastructure.

Easy network connection – Included PDC-DINGUS-UI accessory with screw terminal and RJ12 ports enables commissioning techs to tap into an existing network and maintain connection to all devices.

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

Optical isolation – Separation of USB and RS-485 interfaces protects connected devices from accidental damage or data loss caused by an electrical fault on the other side.

Dimensions:
70 x 70 x 24 mm (2.76 x 2.76 x 0.94 in)

Ordering Code:
12NC - 913703380709

PD-232N **RS-232 PC Node**

Serial port connection node

The Philips Dynalite PD-232N 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 HVAC system that supports passive RS-232.

Versatile mounting – Robust housing includes cable tie attachment points for easy installaton onto server racks or other IT infrastructure.

Dimensions:
76 x 70 x 24 mm (3.0 x 2.76 x 0.94 in)

Ordering Code:
12NC - 913703098409

Accessories

Kent Home,
UK

PAEFE **Antumbra Electrical Frames**

Power, data, and audiovisual wiring frames

Stylish wiring solutions for any project.

Dynalite has partnered with Simon Electric to exclusively provide the perfect combination of power and connectivity options for a complete project offering.

Our frames, available in one- to four-gang sizes, are designed to match Antumbra European panels in size and color.

Antumbra styling – Designed to match the Antumbra range of user interfaces for a consistent look and feel throughout your project.

Range of frame sizes – Holds any combination of one to four modules per frame.

Décor-matching options – Frames and modules are available in a range of attractive metallic finishes.

Designed to pair with any electrical module from the Simon Electric V8 range – Mains outlets, networking ports, audiovisual connectors, room status indicators, doorbells, and more.

Dimensions:
88 x 88 x 5 mm (3.46 x 3.46 x 0.20 in)
176 x 88 x 5 mm (6.93 x 3.46 x 0.20 in)
264 x 88 x 5 mm (10.39 x 3.46 x 0.20 in)
352 x 88 x 5 mm (13.86 x 3.46 x 0.20 in)

Ordering Codes:

Metal Frame Plastic Rim & Inset	**Aluminium** White	**Gold** White	**Jet Grey** Black	**Noir** Black	**Prestige** White	**Vintage** Black
	913703062109	913703064609	913703061909	913703061709	913703064509	913703061809
	913703065109	913703070709	913703064909	913703064709	913703070609	913703064809
	913703071609	913703071809	913703071509	913703070809	913703071709	913703070909
	913703072509	913703072709	913703072409	913703072209	913703072609	913703072309

DyNet-STP-CABLE-LSZH **Cat 5e Cable**

100 MHz 100 Ω STP 4 pair Cat 5e

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.

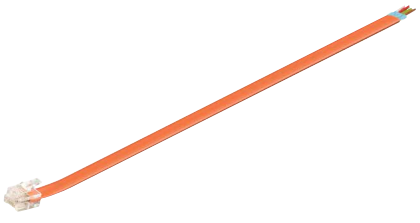
Dimensions:
Cable length: 305 m (1000.61 ft)

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 Codes:

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

Dingus Connectors

Name	Description	Ordering Code
DACM-DINGUS-RJ12	5-way plug with 2 x RJ12 (top entry) designed for user interfaces. Same as DUS-DINGUS but with a Shield wire.	
D-DACM-DINGUS-RJ12-QTY10		12NC – 913703255209
D-DACM-DINGUS-RJ12-QTY60		12NC – 913703255309
DACM-DINGUS-RJ45	5-way plug with 2 x RJ45 (top entry) designed for user interfaces. Same as DUS-DINGUS but with a Shield wire.	
D-DACM-DINGUS-RJ45-QTY10		12NC – 913703254809
D-DACM-DINGUS-RJ45-QTY40		12NC – 913703254909
DUS-DINGUS-RJ12	5-way plug with 2 x RJ12 (top entry) designed for DyNet sensors.	
D-DUS-DINGUS-RJ12-QTY10		12NC – 913703254409
D-DUS-DINGUS-RJ12-QTY60		12NC – 913703254509
DUS-DINGUS-RJ45	5-way plug with 2 x RJ45 (top entry) designed for DyNet sensors.	
D-DUS-DINGUS-RJ45-QTY10		12NC – 913703254609
D-DUS-DINGUS-RJ45-QTY60		12NC – 913703254709
DINGUS-DMC-UL	5-way plug with 2 x RJ45 socket (side entry facing left) to connect to DCM-DyNet module in the DMC2 and DMC4 load controllers.	
DINGUS-DMC-UL		12NC –913703064209
DINGUS-UI	5-way socket and plug with 1 x RJ45 and 1 x RJ12 socket. Inserted between the DACM and the PC Node. It enables RS-485 network continuity whilst providing commissioning access. Supplied with the PD-PCN (USB PC Node)	
DC-DINGUS-UI-QTY10		12NC –913703255009

System
Kits

Northhampton Academy,
UK

Single System Architecture

An easy-to-install system that expands to suit different indoor areas

The system empowers electrical installers to create lighting control functionality quickly and easily with DIP switches and button settings. Capable of 0-10 V dimming and DALI broadcast dimming.

The system enables customers to configure different areas and network specific devices together for code-compliant lighting control functionality without requiring commissioning software. It offers standalone control of up to five lighting zones plus plug load.

Optionally, it can be networked for even larger projects. Customers can use System Builder commissioning software to integrate with a Building Management System over BACnet or to be part of a larger-scale system solution.

High capacity switching relay – 16 A lighting load. 20 A general load (plug load).

Suitable for plenum use – Ul 2043 and Chicago rated for installation in air-handling plenum spaces. Fits into standard junction box housings.

Dry contact input – For UL 924 emergency or auxillary input.

Universal voltage – 100-277 VAC.

Choice of control protocol – Can be controlled via DyNet or DMX512.

Easy to install – Plugs in RJ45 sockets and push down terminals.

Flexible – Control 0-10 V 100 mA Sink or Source and DALI broadcast. Guaranteed current 100 mA, Maximum 250 mA loads.

Daisy chained devices – Connect additional controllers and other SSA devices using dual RJ45 connectors or wire to spring terminals.

Ordering Codes:
Refer to Single System Architecture Set-Up Guide for ordering codes.

Store Kit Mini

A pre configured control system for small to medium sized stores.

The Store Kit Mini control system is tuned to the needs of small to medium sized stores. It offers scene management and energy saving via an easy to install and configure kit. As it consists of pre-configured Philips Dynalite lighting controls components there is no need to involve a commissioning technician. The Antumbra Display offers a simple and intuitive interface for both control and scene configuration. The system can be extended with a dry contact interface to connect third-party switches, external BMS scheduler, and alarms to the lighting system.

Easy to install – out of the box solution with pre-configured building blocks).

4 configurable scenes – 4 DALI dimmable zones, 2 ON/OFF zones.

Antumbra Display interface – Additional Antumbra Display or Button interfaces possible.

Language setting – via DIP switch (English, French, Italian, Spanish, German, Polish, Russian).

Pin code protected – configuration menu.

Optional BMS integration – for local system override via dry contact interface.

External scheduler and alarm – system integration

Kit components –
DDBC1200 CFIAR MINI
DDBC1200 CFIAR MINI S
DDRC420FR CFIAR MINI
DACM CFIAR MINI
DDMIDC8 CFIAR MINI

Notes
The Antumbra Display is not part of the Store Kit Mini code due to several configuration options. Therefore, it should always be ordered separately. Minimum 1 Antumbra Display is needed for the system to work. Additional interfaces can be both Antumbra Display or Antumbra Button (4 button interface).

Ordering Code:
Store Kit Mini 12NC - 913703355609

Refer to the Store Flex System Guide to order optional components.

Store Kit

An easy-to-install and operate system for retail stores

Store Kit offers scene management and energy saving for retail stores. It is an advanced lighting controls system that is simple to install and to operate. As it consists of pre-configured Philips Dynalite lighting controls components there is no need to involve a commissioning technician. Once installed and configured the dedicated software sets up a fully operational system automatically.

There are 2 kits available:

Store Kit Touchscreen - with a wall mounted touchscreen user interface
Store Kit Gateway - with a gateway allowing control of the lighting directly from any customer smart devices via a browser-based app.

Easy to install – out of the box solution.

Web app optimised for tablet devices.

3 areas – Sales-floor, Back-of-house and Outdoor.

Universal voltage – 100-277 VAC.

Multiple dim and relay channels per area.

33 configurable scenes

Automated configurable schedules

Additional sensors – Possibility to add occupancy sensors to automatically control the lighting in back-of-house.

BMS integration and temporally local override.

Upgradable – to Multisite system.

Kit components –
PDTS CFIAR or PDEG CFIAR CE
DDBC1200 CFIAR P
DDBC1200 CFIAR S
DDRC1220FR-GL CFIAR CE
DDMIDC8 CFIAR CE
DUS360CR-DA CFIAR
Store Control App

Ordering Codes:
Store Kit - Gateway 12NC - 913703246409
Store Kit - Touchscreen 12NC - 913703020909

Refer to the Store Flex System Guide to order optional components.

Store Flex

A complete system for Food and Large Retail

Store Flex is a system proposition for Food and Large Retail, especially supporting retailers with a larger number of stores. It is a complete lighting solution with basic and advanced features and functions to suit any store size.

Offers lighting control functionality that is tailored to the needs of the customer.

Can be applied in all store formats with primary focus towards the supermarket and hypermarket segment.

Control multiple areas – The system can be used to control the lighting in the sales area, back-of-house and outdoor area.

Add occupancy sensors to automatically control the lighting in each area or zone.

Includes a gateway enabling the Store Control App to control and configure the lighting directly from customer mobile devices via a browser-based user interface (UI). Alternatively, a wall-mounted touchscreen user interface can also be used to control the lighting and set schedules.

Possibility to extend wired Store Flex by using the Zigbee PRO standard to establish a wireless mesh network between a PDZG-E wireless gateway and its associated devices (Areas or zones can be hybrid, consisting of wired and wireless nodes)

- Integrates Interact Ready wireless luminaires, equipped with wireless drivers.
- Capable of Wireless Group Control (WGC) when using a SNS441 IA transceiver connected to a DALI Extender or SR Bridge to control luminaires via DALI broadcast.

32 configurable scenes control up to 48 zones in a mixed setup with no functional limitations:
- DALI (both Broadcast and Addressable)
- On/Off relay switching
- 0 10 V/1 10 V dimming
- Phase cut dimming
- DMX (for example to control RGB lighting)

Notes – Expert knowledge is required for offsite preparation and onsite commissioning.

Ordering Code:
Product 12NC – SW913705110003

Guestroom Kit Lite

A four-channel relay controller with two motion sensors and magnetic door switch.

The Guestroom Kit Lite is an ideal standalone entry point to automatic energy savings in the rooms. It provides automated switched circuits and sensors to control power to the room based on real-time occupancy.

Automated real-time occupancy logic switches between occupied and unoccupied states to balance energy usage and guest comfort. The controls can be added or retrofitted to any existing brand of lighting and HVAC, power outlets and other switched electrical services. Preconfiguration allows deployment without the need for commissioning software.

Real-time occupancy – Replaces the traditional key card slot with automatic room state changes, for energy savings you can count on.

Turnkey solution – No programming or complex setup, making it easy to implement.

Minimal hardware requirements – The kit and light switches provide all the required functionality. No other hardware is needed.

Energy management and sustainability – Save energy without impacting guest comfort. More reliable way to conserve energy than traditional key card drops.

Broad range of control – Master lighting control plus native HVAC and power control are included as standard.

Retain existing mechanical light switches – Light switches can still be used to control power to the lighting circuits in each room.

Ordering Codes:

DDRC420FR-GuestroomKitLite)	12NC – 913703252209
DUS360CR-STR-Box1	12NC – 913703373709
DUS360CR-STR-Box2	12NC – 913703373809
Third-party light switches	Not supplied by Dynalite

System Components Preconfigured devices:

DDRC420FR-GuestroomKitLite
Independent switching of four feed-through relay channels up to 20 A each.

DUS360CR-STR-Box1
Ceiling mounted recessed networked assive infrared occupancy sensor.

DUS360CR-STR-Box2
Ceiling mounted recessed networked passive infrared occupancy sensor.

RMDCS
Recessed magnetic reed switch and magnet mounted in the entrance door to detect door open/close state.

Guestroom Kit

A thirteen-channel relay controller with two motion sensors and magnetic door switch

The Guestroom Kit is a feature-packed room control system with automated switched circuits, user interface inputs, and sensors to control power to the room based on real-time occupancy. Preconfiguration allows deployment without the need for commissioning software. Network support is built in, ensuring upgradability to a fully networked system. Every aspect of this device is designed to be feature-rich and cost-effective.

Automated real-time occupancy logic switches between occupied and unoccupied states to balance energy usage and guest comfort.

The controls can be added or retrofitted to any existing brand of lighting and HVAC, power outlets, and other switched electrical services.

Real-time occupancy – You can choose to keep the traditional key card slot or use sensors to automate room state changes, for energy savings you can count on. Welcome guests with automated lighting and air conditioning settings that retain preferences throughout their stay.

Guest requests – Capture Do Not Disturb (DND) and Make Up Room (MUR) requests for display outside of the room.

Temperature display and settings – Optional user interface to adjust temperature and fan speed through the Antumbra Display thermostat. The display dims when not in use for guest comfort overnight, waking up automatically as they approach.

Seamless guest experience – Simple, intuitive usability.

Green mode – Invite guests to opt in to greater energy savings for a more sustainable stay with Green mode.

Energy management and sustainability – Save energy without impacting guest comfort. More reliable way to conserve energy than traditional key card drops.

Broad range of control – Master lighting control plus native HVAC and power control are included as standard.

Guest interfaces – Clear, intuitive control with tactile feedback for lighting, power, and other key room services. Optional raised lettering aids accessibility for ADA rooms.

Turnkey solution – No programming or complex setup, making it easy to implement.

Ordering Codes:

DDRC-GRMS-E-GuestroomKit	12NC – 913703379209
DUS360CR-STR-Box1	12NC – 913703373709
DUS360CR-STR-Box2	12NC – 913703373809
DFCUC-STDR-Box1)*	12NC – 913703373609
DACM-Thermostat*	12NC – 913703251809
PADPE-WW-Thermostat*	12NC – 913703093009

PAxBLE* – for user interface design and ordering codes, refer to the Dynalite Design Studio

** Optional*

System Components

DDRC-GRMS-E-GuestroomKit
A versatile room automation and energy management solution with two high-capacity 20 A relays and eleven general purpose 6 A relays. The controller has the capability to incorporate bridging functionality between an Ethernet LAN and connected DyNet devices.

DUS360CR-STR-Box1
Ceiling mounted recessed networked passive infrared occupancy sensor.

DUS360CR-STR-Box2
Ceiling mounted recessed networked passive infrared occupancy sensor.

RMDCS
Recessed magnetic reed switch and magnet mounted in the entrance door to detect door open/close state.

DDFCUC-STR-Box1
Fan coil unit controller, designed for direct connection to components commonly found in heating, ventilation, and air conditioning (HVAC) systems with fan coil units (FCU).

Optional preconfigured devices

DACM-Thermostat DyNet communication module that connects to the PADPE-WW-L-STR-Thermostat.

PADPE-WW-L-STR-Thermostat Proximity detection and embedded temperature sensors. White polycarbonate finish with icon labelling and dynamic display.

Optional devices

Third-party user interfaces Buttons with momentary switches are connected to the DDRC-GRMS-E dry contact inputs for manual lighting control. (DND, MUR, Master, Bathroom).

PAxBLE-xx-L AntumbraLite dry-contact user interface. Buttons are connected to the DDRC-GRMS-E dry contact inputs. Available with text and icon labelling in 2- to 6-button configurations with a range of colours and finishes.

Card-drop facility A dry contact card holder can be purchased from local electrical distributers for manually enabling power to the room. however, this option will decrease the reliability of energy savings.

ULC1 & ULC2 Preassembled DIN Rail Cabinets (UL)

A comprehensive range of lighting control solutions

This range of ready-to-deploy control solutions includes a variety of Philips Dynalite DIN rail devices, installed and wired together inside a robust, wall-mountable steel cabinet.

Control options include 0-10V, DALI, forward/reverse-phase dimming, and relay switching. The addition of one or more network gateway cabinets provides powerful, secure connectivity and integration capabilities.

Ready for immediate installation – Eliminate the hassle of assembling cabinets in the field and save on installation and commissioning costs.

Made in the USA – Assembled, programmed, and tested in the factory to provide complete out-of-the-box functionality in a NEMA 1 rated enclosure.

Fully scalable – Connect any combination of cabinets to meet the requirements of even the most demanding projects in a single networked control system.

0-10V/DALI Broadcast control – Up to 24 control outputs per cabinet, individually configurable to 0-10V or DALI Broadcast.

DALI-2 control – Up to 3 DALI lines per cabinet with full support for addressing, tunable white, and RGBWAF*, as well as an inbuilt DALI power supply and driver power management.

*DDBC320-DALI only.

Phase dimming control – Up to 16 forward- or reverse-phase channels per cabinet.

Relay switching control – Up to 24 relay outputs per cabinet.

Modular multipurpose control – Populate up to 8 module bays per cabinet with any combination of forward/reverse-phase dimming, 1-10 V, DALI Broadcast, relay switching,and motorized curtain/blind control.

RS-485 network gateway – Connect optically isolated network spurs and enable a range of third-party integration options including AV systems, building automation, Modbus power meters, and DMX512 lighting.

Ethernet gateway – Enable LAN connectivity for commissioning and system management, an integrated web server for browser-based control and monitoring, and a huge range of enhanced functionality and integration options.

ULC1 Dimensions (H x W x D)
310 x 370 x 91 mm (12 7/32 x 14 9/16 x 3 9/16 in)

ULC2 Dimensions (H x W x D)
644 x 652 x 154 mm (25 1/32 x 25 43/64 x 6 1/16 in)

Cabinet part code	Cabinet type	Included Devices	Ordering Codes (12NC)
DRC1220FR-GL-ENC	ULC 1	DDRC1220FR-GL	913703376209
DRC2420FR-GL-ENC	ULC 1	2 x DDRC1220FR-GL	913703376309
DBC1220-GL-ENC	ULC 1	DDBC1200, DDRC1220FR-GL	913703376009
DBC2420-GL-ENC	ULC 2	2 x DDBC1200, 2 x DDRC1220FR-GL	913703376109
DBC516FR-ENC	ULC 1	DDBC516FR	913703375909
DBC120-DALI-ENC	ULC 1	DDBC120-DALI	913703375709
DBC320-DALI-ENC	ULC 1	DDBC320-DALI	913703375809
DRPC802-ENC	ULC 1	DDMC802, 2 x DGTM402 modules	913703378709
DRPC1602-ENC	ULC 1	2 x DDMC802, 4 x DGTM402 modules	913703378909
DFPC802-ENC	ULC 1	DDMC802, 2 x DGLM402 modules	913703378809
DFPC1602-ENC	ULC 1	2 x DDMC802, 4 x DGLM402 modules	913703379009
DMPC802-ENC	ULC 1	DDMC802 (No modules fitted)	913703375309
DMPC1602-ENC	ULC 1	2 x DDMC802 (No modules fitted)	913703375409
DNG485-ENC	ULC 1	DDNG485, DSP10-15	913703376409
PDEG-ENC	ULC 1	PDEG, DSP10-15	913703379109
PDEG-S-ENC	ULC 1	PDDEG-S (BACnet Gateway)	913703376509

PD-KoD DALI Demo Case

Discover the power of DyNet and DALI

This compact, portable device provides a simulated multi-universe DALI lighting control network for training and education purposes, incorporating both DALI and DyNet sensors and UIs.

Integrated DyNet and DALI terminals allow the connection of additional drivers, sensors, gateways, controllers, and UIs to simulate various control scenarios.

DDBC320-DALI controller – Delivers the combined power of three DALI universes and full DyNet functionality to simulate real-world lighting and control scenarios.

Realistic office floor plan – 40 embedded LEDs across two universes provide a combination of DALI 207, DALI 209 Tunable White, and DALI 209 RGBW control.

External DALI bus – Connect and control a full DALI universe, including drivers, sensors, and UIs

Antumbra & Revolution UIs – Simulate morning/afternoon/evening modes, control lighting scenes, and monitor temperature, humidity, and light levels in real time.

DyNet & DALI multifunction sensors – Demonstrate the power of automated systems to respond dynamically to occupancy and lighting changes.

Lamp override and UL924 toggles – Demonstrate the system response to lamp failures and emergency events.

24 hour simulation – use Antumbra Display to trigger morning/afternoon/evening modes

Dimensions:
(Closed - H x W x D) 161 x 430 x 380 mm (6.34 x 16.93 x 14.96 in)

Ordering Code:
Product 12NC – PD-KoD 913703335009

PD-KoD-TC DALI Mini Training Case

Discover the power of DyNet and DALI

This compact, portable device provides a simulated single-universe DALI lighting control network for training and education purposes, incorporating an Antumbra Display UI, DALI sensor, and dry contact user inputs.

Integrated DyNet and DALI terminals allow the connection of additional drivers, sensors, gateways, controllers, and UIs to simulate various control scenarios.

DDBC120-DALI controller – Delivers the combined power of DALI and DyNet functionality to simulate real-world lighting and control scenarios.

Realistic floor plan – 37 embedded LEDs provide a simulation of DALI dimming control.

External DALI terminal – Extend the inbuilt DALI universe with additional drivers, sensors, and UIs.

Antumbra Display UI – Simulate lighting scenes and monitor temperature and light levels in real time.

DALI multifunction sensor – Demonstrate the power of automated systems to respond dynamically to occupancy and lighting changes.

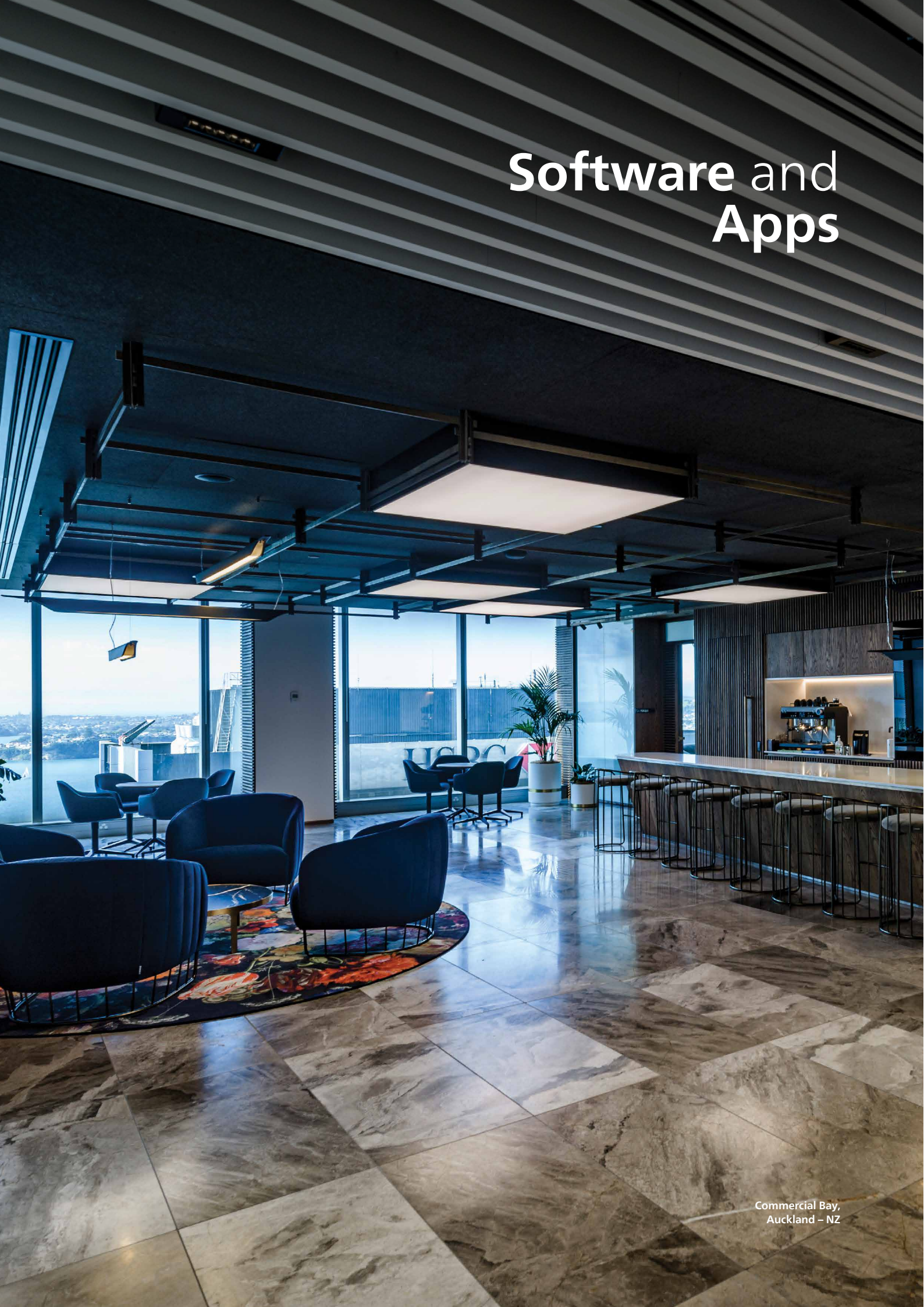
DPMI940-D dry contact interface – Two configurable momentary switches provide direct control via the DALI bus.

Dimensions:
(Closed - H x W x D) 90 x 210 x 130 mm (3.54 x 8.27 x 5.12 in)

Ordering Code:
Product 12NC – PD-KoD-TC 913703351509

Accessories 12NC
DTK622-USB (USB PC Node) 913703090209
DTK622-232 (Serial Port Node) 913703090109

Software and **Apps**



Commercial Bay,
Auckland – NZ

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.

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. OPC DA/AE, OPC UA, 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.

Ordering Code:
12NC – SW913703089909

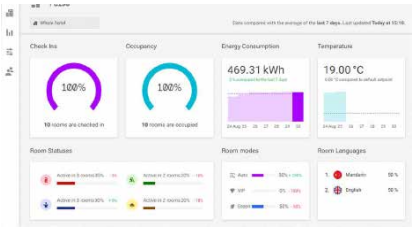
OPC UA License

System Manager OPC-UA	100 point license	SW913703370109
System Manager OPC-UA	1k point license	SW913703370209
System Manager OPC-UA	5k Point license	SW913703370309
System Manager OPC-UA	10k Point license	SW913703370409

Philips Dynalite Multiroom System Manager

Enhance experiences and maximise efficiency across your whole property.

Multi-user monitoring and management tools for room-centric properties including hotels, resorts, managed residential and senior living.



Real-Time Visibility & Control – Remotely monitor and control all services and spaces across your property from a single unified view. Rooms, residences, outlets, facilities, and exteriors are logically arranged for intuitive access, while multi-building scalability supports larger and distributed developments..

Occupancy, Schedules & Seasons – Use real-time occupancy in rooms and residences to deliver reliable automated energy savings without impacting comfort. Automatically transition between states throughout the day with schedules, and across the year with seasonality.

Integrations & Connectivity – Our secure APIs enable next generation user interfaces including apps, tablets, IPTV, and voice control for personalised convenience. Automation of energy savings, comfort, and the assignment of alerts and tasks is possible through our certified integrations with property management, access control, and operations systems.

Proactive Monitoring & Alerts – Protect your assets and ensure optimal experiences with monitoring and alerts. Easily define safe condition ranges and elapsed times, then receive proactive alerts whenever thresholds are exceeded.

Historical & Energy Reporting – Access rich historical data and compare dates or areas to understand behaviors, performance, and requests. View energy consumption categorised by lighting, power, or HVAC for a building, floor, or single room/space, filtered by date or unique stay.

Security & User Permissions – With end-to-end encryption across the network and the database, your data is always is secure. Single sign-on helps to ensure that logins are always policy-compliant, while profilebased permissions allow users to access only the features or areas of the property they need.

Self-Management Tools – Self-manage settings and defaults for your property. Templated updates enable automated deployment of systemwide changes.

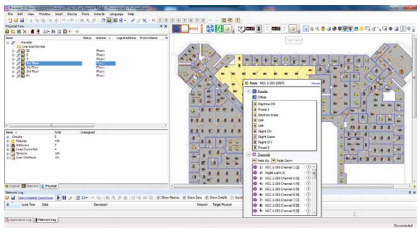
Ordering:
Projects must follow the Multiroom commissioning process.

Multiroom System Manager License (Standard)
SW913703029509

Multiroom System Manager License (Advanced)
SW913703029909

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:
Philips Dynalite System Builder is available for authorised users on the technical support website www.dynalite.com

Dynalite Switch App

Intuitive mobile interface

The Dynalite Switch app provides both Apple and Android devices with intelligent control of the Philips Dynalite system in both residential and commercial applications.

Wrapped in a modern and intuitive user interface, this app enables you to manage scenes, apply schedules, and control individual channels as well as fans, climate functions, and motorised window coverings.

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

Scene management – Recall and edit predefined lighting scenes.

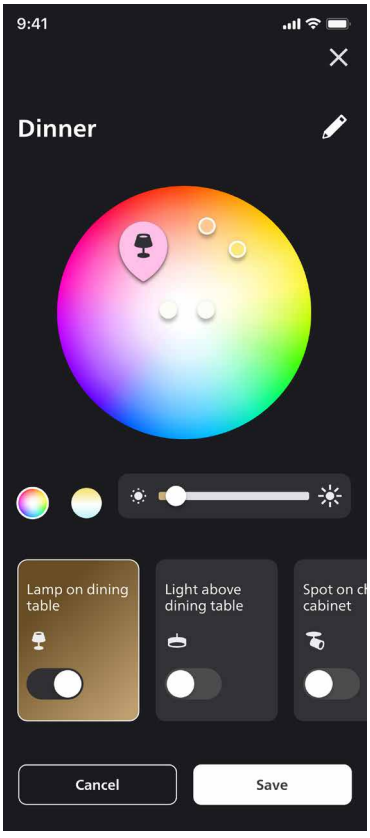
Climate controls – View current temperature and relative humidity, control fan speeds, and adjust the temperature setpoint.

Lighting control – Easily adjust individual lighting channels.

Scene scheduling – Trigger lighting scenes based on a schedule.

Simple connection – Connect to a Philips Dynalite Ethernet gateway via your local Wi-Fi network.

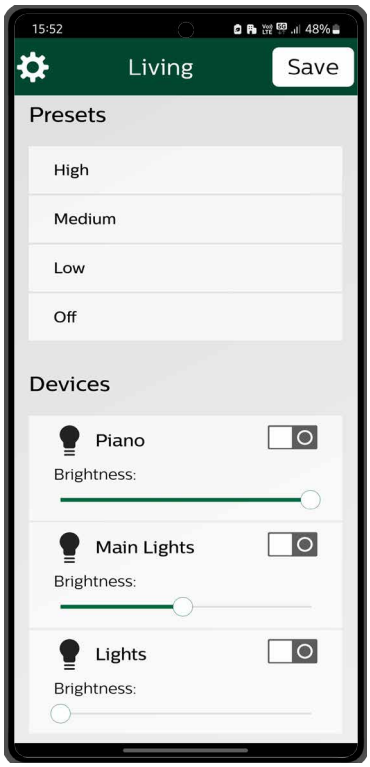
Ordering:
Available free of charge from the Apple or Google Play app store.



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.

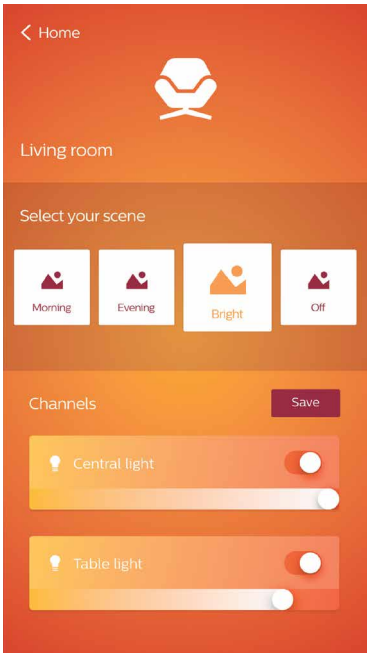
Ordering:
Search the iOS App Store or Google Play Store for ‘Philips Dynalite’.

PHILIPS
dynalite

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:
Search the iOS App Store for ‘Philips Dynalite’.

PHILIPS

PDTS UI Creator 2.11

Custom controls for your touchscreen project

With an intuitive drag-and-drop interface, Philips Dynalite UI Creator (the"Software Services"), empowers commissioning engineers to easily build screens and menus with the required functions, controls, and branding for any project. Customise any page with buttons, sliders, text, graphic elements, and more to provide users with a seamless experience of the Dynalite system.

Quick Start Wizard – Import project data from Dynalite System Builder to create a full-featured control UI with just a few mouse clicks.

Intuitive drag-and-drop interface – Add and arrange controls, text elements, images, indicators, and more.

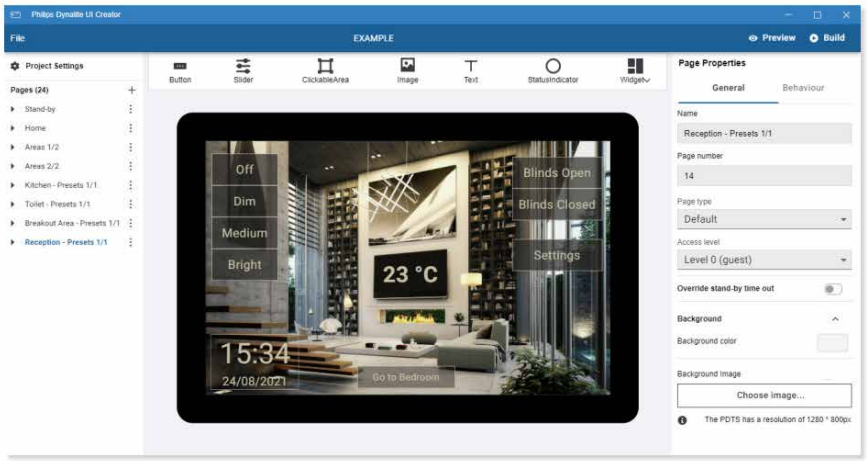
Simple configuration menus – Customise the appearance and functionality of any page, element, or control with ease.

Access control – PIN code logins protect your touchscreen from unauthorised access when located in a public area.

Images and backgrounds – Add full-colour branding and logos, decorative elements, or even helpful instructions for new users.

Time and date – Show the current time and/or date on any page with adjustable fonts, sizes, and colours.

Buttons – Recall scenes, navigate between pages, and trigger advanced tasking functions within the PDTS. You can even place invisible buttons over a background floor plan for intuitive navigation to each room or area page.



Sliders – Adjust light and tuneable white levels for individual lighting groups.

Status indicators – Provide at-a-glance confirmation of active presets in any area.

Environmental indicators and controls – Add temperature and humidity readouts, with optional HVAC controls to adjust the temperature setpoint.

Ordering:
UI Creator can be downloaded for free from support.dynalite.com, or via your Philips Dynalite partner or Signify representative.

Dynalite Cloud Platform

Cloud-based lighting control system services – remote commissioning and connectivity

Dynalite Cloud provides a version-controlled cloud-based project file repository and secure remote connectivity between Philips Dynalite System Builder commissioning software and a Dynalite system via an on-site PDDEG-S network gateway.

Software Overview – The Dynalite Cloud Platform offers a range of online software services including the ability to store and share project files in the cloud, enabling online administration, multi-user commissioning with different authorisation levels, revision control, and backup.

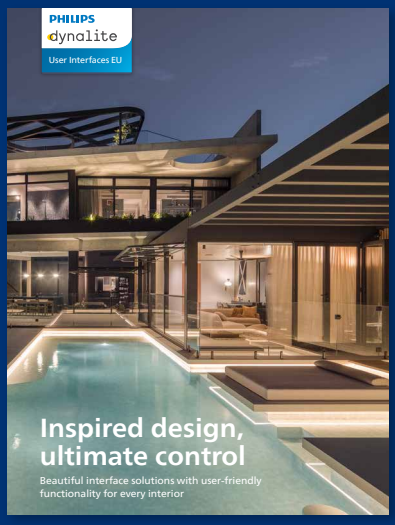
Further, it reduces the need for site visits by providing all System Builder features via a secure remote connection to project sites.

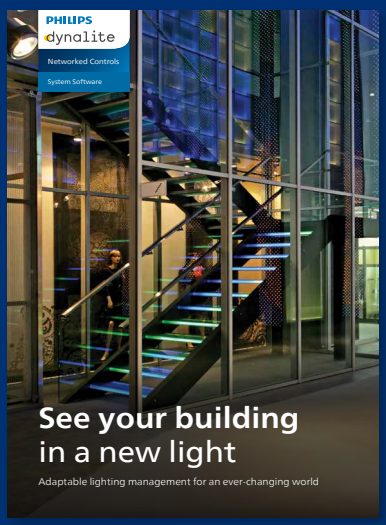
The Dynalite Cloud Platform (DCP) consists of the following elements:

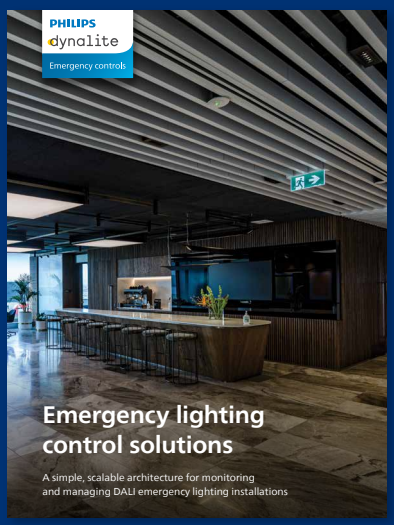
- Dynalite Cloud Portal (Web browser access)
- Dynalite Cloud Projects (System Builder project file storage)
- Dynalite Cloud Connect (System Builder remote connectivity)

Ordering Dynalite Cloud Subscription Code:
12NC – SW913703253809

Further Reading







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

www.dynalite.com

Cover Image: Marina Bay Sands, Singapore

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