Dimmer Controllers

Philips Dynalite support a wide selection of dimmer units that are compatible to most lamp types. By selecting the right dimmer for the different lamp types, an unlimited number of combinations of dimmer units can be chosen, to work together in one project allowing for a spectacular end result. Utilising the very latest in microprocessor technology, every Philips Dynalite dimmer has many built-in dedicated features for the lighting control industry.

With industry leading dimming of 16 bits fading resolution, this allows for ultra smooth dimming in projects where it's critical for flicker-free scene changes. This superior dimming resolution allows the units to be used in any theatrical or architectural lighting application.

Each dimmer can store over 170+ scenes for an unrestricted project flexibility. This allows for complex scenes to be recalled from any user interface and for the whole control system to work together, creating a desired scene or effect. Each stored scene allows the users to paint with light over the project. As each dimmer stores its own scene information, any project can live edit the lighting levels, allowing for lighting designers to push the boundaries of creativity.

The dimmers are capable of fading from one scene to another, between one second to 23 hours triggered from a single network message. This allows for simpler programming and smooth transition from one scene to the next. A feature that is perfect for daylight harvesting in projects that require energy management without disturbing the occupants. Also useful in projects that require long transition between lighting scenes such as lunch – afternoon – evening – dining without the occupants noticing any harsh changes.

Leading Edge Dimmer Controllers

Leading Edge Dimmer Controllers are ideal for lighting circuits with resistive and inductive properties, including mains voltage incandescent fittings, neon and low voltage lamps with a compatible electronic transformer. Available in both DIN rail and wall box configuration, Philips Dynalite supports a vast range of leading edge dimmer controllers with a variety of circuit numbers and sizes to work individually or part of a system, fitting any project requirement. Wall box dimmer controllers have been engineered to achieve rise times of over 100µS producing reduced filament sing, reduced supply voltage noise, resulting in extended lamp life. The dimmers are engineered to be compatible with electronic transformers, requiring less de-rating, therefore allowing full capacity of channel to be utilised. Standard built-in features of the dimmers include:

- power conditioning to protect lamps
- over voltage
- surge protection
- brownout/sag protection

Standard features will increase lamp life, reducing the ongoing project maintenance running costs.

DDLE802 – 8 x 2A
Leading Edge Dimmer Controller

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

It is also highly recommended for use in residential and hotel applications. The DDLE802 features Philips Dynalite's superior voltage regulation and soft start technologies, which protect low voltage lamps and dramatically increase lamp life.

The front panel of the DDLE802-MO (Manual Override) version includes a rear lit keypad that provides status indication and local control of individual channels. It also features an LED illuminated service switch for diagnostics and local override. Adjacent to the keypad is a network socket for ease of programming. The device is DIN rail mountable, designed to be installed in a switchboard, optionally next to circuit breakers feeding the circuits to be controlled.

- 230V ±14% 50/60Hz Single Phase at 16A
- 8 x dimmed outputs at 2A
- Each pair of outputs protected by a 6.3A time delay M205 fuse
- 1 x programmable dry contact AUX input
- Dimensions: H 96mm x W 211mm x D 75mm
- Packed weight: 0.94kg
- Option – Manual Override
- DDLE802-MO
- Rear-lit keypad provides status indication and local control of individual channels

DLE1203 – 12 x 3A
Leading Edge Dimmer Controller

The DLE1203 is a 12 channel leading edge energy management controller with a maximum load per channel of 3A and a total device load of 32A.

It is suitable for use with incandescent, low voltage and neon. It is especially suitable for residential applications. The unit can be integrated into a total smart home solution including security, HVAC, home theatre, blind control and exterior lighting. The DLE1203 protects low voltage lamps and dramatically increases lamp life, through utilisation of Philips Dynalite's superior voltage regulation and soft start technologies.

- 230V ±14% 50/60Hz Single Phase at 32A
- 12 x dimmed outputs at 3A. Total device load 32A
- 2 blocks of 6 channels, each protected by a 16A MCB
- Rise time >100µS @ 230V
- Dimensions: H 450mm x W 225mm x D 75mm
- Packed weight: 6.0kg

DLE405 – 4 x 5A
Leading Edge Dimmer Controller

The DLE405 is a four channel energy management controller with a maximum load per channel of 5A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent lighting. Where retail merchandise is on display, the DLE405 protects low voltage lamps and dramatically increases lamp life. This is achieved through Philips Dynalite's superior voltage regulation and soft start technologies.

- 230V ±14% 50/60Hz Single Phase at 20A
- 4 x dimmed outputs at 5A
- Each output protected by a 6A MCB
- Rise time >200µS @ 230V
- 1 x programmable dry contact AUX input
- Dimensions: H 320mm x W 225mm x D 75mm
- Packed weight: 4.2kg

DLE1205 – 12 x 5A
Leading Edge Dimmer Controller

The DLE1205 is a 12 channel leading edge dimmer with a maximum load per channel of 5A and a total device load of 60A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent fixtures.

The combination of load capacity, sub circuit protection and attractive pricing makes it especially suitable for residential and small commercial applications. When used with the Philips Dynalite range of integration accessories, the lighting control system can be integrated into a total smart home solution including security, HVAC, home theatre, blind control and exterior lighting. The DLE1205 protects low voltage lamps and dramatically increases lamp life. This is achieved through Philips Dynalite's superior voltage regulation and soft start technologies.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 20A per phase or 230V ±14% 50/60Hz Single Phase at 60A
- 12 x dimmed outputs at 5A
- Each output protected by a 6A MCB
- Rise Time >100µS @ 230V
- 1 x programmable dry contact AUX input
- Dimensions: H 626mm x W 255mm x D 176mm
- Packed weight: 14.0kg

DLE410 – 4 x 10A
Leading Edge Dimmer Controller

The DLE410 is a four channel energy management controller with a maximum load per channel of 10A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent light sources. In applications where there can be numerous users, such as lecture theatres, the DLE410 can be configured with control panels and an IR Receiver to provide preset scenes for entry, set-up, cleaning and presentations. An override capability for presenters can be provided using Philips Dynalite's IR handset.

- 230V ±14% 50/60Hz Single Phase at 40A
- 4 x dimmed outputs at 10A
- Each output protected by a 10A MCB
- Rise Time >100µS @ 230V
- 1 x programmable dry contact AUX input
- Dimensions: H 300mm x W 212mm x D 144mm
- Packed weight: 8.8kg

DLE1210GL – 12 x 10A
Leading Edge Dimmer Controller

The DLE1210GL is a 12 channel leading edge dimmer with a maximum load per channel of 10A and a total device load of 75A. It is suitable for control of large loads, including incandescent, low voltage, neon and selected fluorescent light sources. The DLE1210GL is the ideal choice in applications requiring reliability combined with large power handling. It is DMX512 compatible, making it perfect for use in theatres, shopping centres and auditoriums. The DLE1210GL protects low voltage lamps and dramatically increases lamp life. This is achieved through Philips Dynalite's superior voltage regulation and soft start technologies.

- 400/230V ±14% 50/60Hz 3-phase ⅄ at 25A per phase or 230V ±14% 50/60Hz Single Phase at 75A
- 12 x dimmed outputs at 10A. Total device load 75A
- Each output protected by a 10A MCB
- Rise time >100µS @ 230V
- 1 x programmable dry contact AUX input
- Dimensions: H 626mm x W 255mm x D 176mm
- Packed weight: 18.0kg

DLE1210 – 12 x 10A
Leading Edge Dimmer Controller

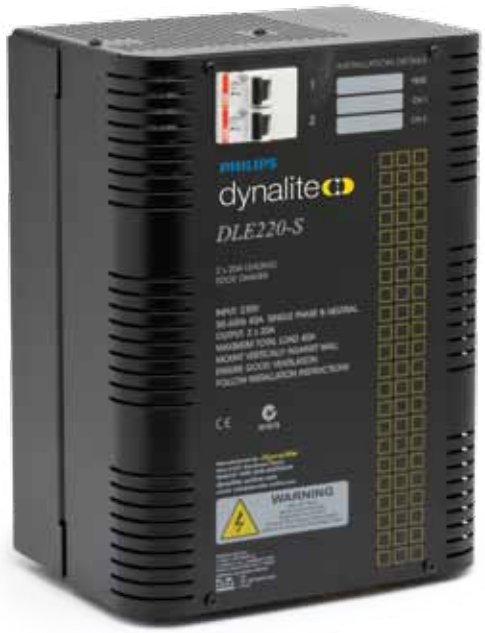
The DLE1210 is a 12 channel energy management controller with a maximum load per channel of 10A. It is suitable for control of large loads, including incandescent, low voltage, neon and selected fluorescent light sources. The DLE1210 is the ideal choice in applications requiring reliability combined with large power handling capability. It is DMX512 compatible, making it perfect for use in theatres and auditoriums.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 40A per phase
- 12 x dimmed outputs at 10A
- Each output protected by a 10A MCB
- Rise time >200µS @ 230V
- Dimensions: H 600mm x W 345mm x D 187mm
- Packed weight: 30.0kg

DLE120-S – 1 x 20A
Leading Edge Dimmer Controller

The DLE120-S is a single channel energy management controller with a maximum load of 20A. It is suitable for the control of large loads including incandescent, low voltage, neon and selected fluorescent light sources. The DLE120-S is designed for applications where lamp life is critical, such as where lamp maintenance is difficult or expensive. It complements Philips Dynalite's multi-channel dimmers by providing an extra channel when additional load capacity is required.

- 230V ±14% 50/60Hz Single Phase at 20A
- 1 x dimmed output at 20A
- No sub circuit protection – feed from 20A MCB
- Robust SCR regulating device
- Rise time >200µS @ 230V
- 8 x multifunction inputs; each programmable to 0-5V, 0-10V or dry contact
- Programmable Logic Controller (8 tasks)
- Dimensions: H 320mm x W 225mm x D 75mm
- Packed weight: 3.5kg



DLE220-S – 2 x 20A Leading Edge Dimmer Controller

The DLE220-S is a two channel energy management controller with a maximum load of 20A per channel. It is suitable for control of large loads, including incandescent, low voltage, neon and selected fluorescent light sources. The DLE220-S is designed for applications where lamp life is critical, such as where lamp maintenance is difficult or expensive. It complements Philips Dynalite's multi-channel dimmers by providing extra channels when additional load capacity is required. It is DMX512 compatible, making it perfect for use in theatres and auditoriums.

- 230V ±14% 50/60Hz Single Phase at 40A
- 2 x dimmed outputs at 20A
- Each output protected by a 20A MCB
- Robust SCR regulating device
- Rise Time >100µS @ 230V
- 1 x programmable dry contact AUX input
- Dimensions: H 285mm x W 210mm x D 150mm
- Packed weight: 4.2kg

DLE1220GL-S – 12 x 20A Leading Edge Dimmer Controller

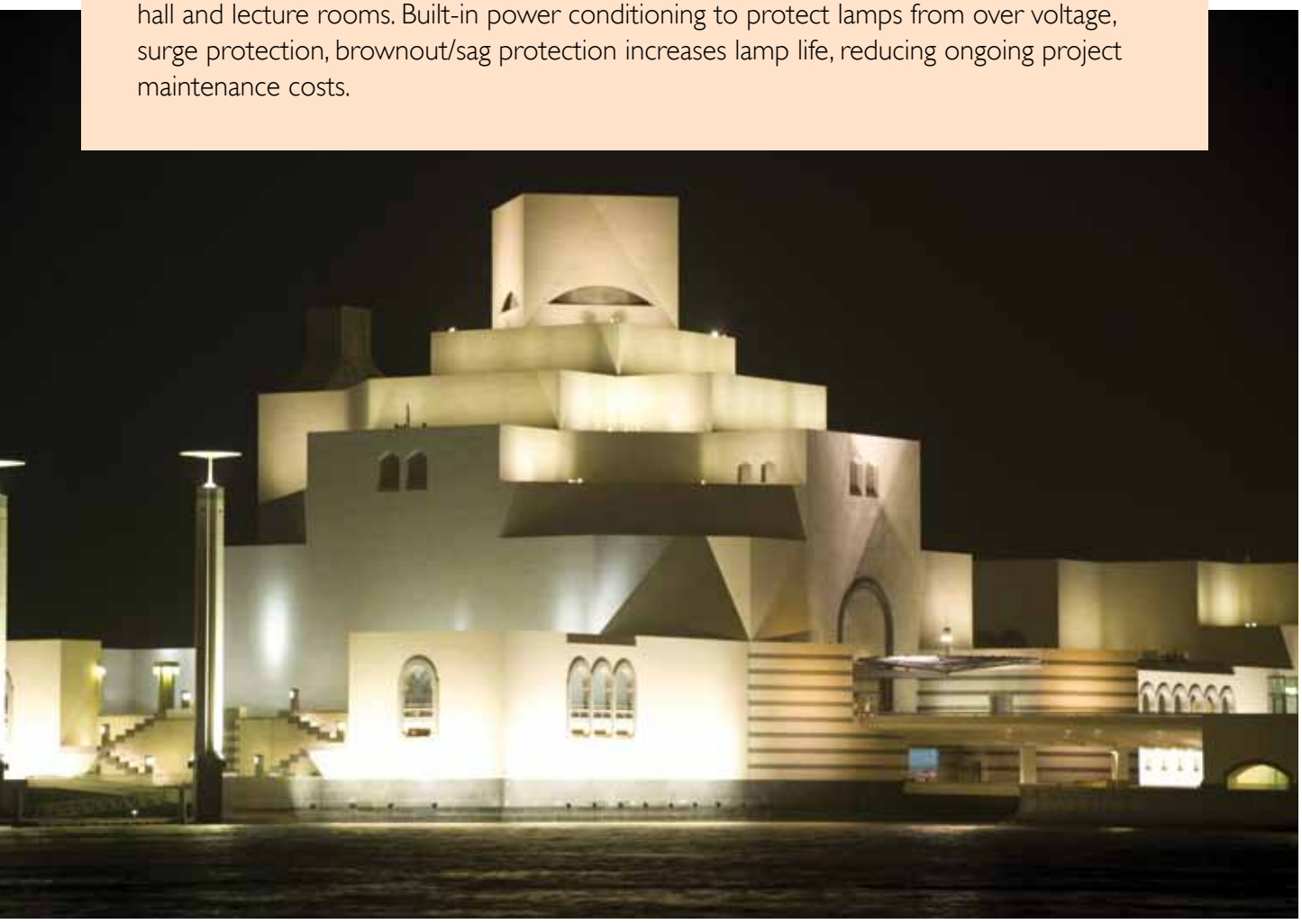
The DLE1220GL-S is a 12 channel energy management controller with a maximum load per channel of 20A. It is suitable for control of large loads, including incandescent, low voltage, neon and selected fluorescent light sources.

The DLE1220GL-S is the ideal choice in applications requiring reliability combined with large power handling capability. It is DMX512 compatible, making it perfect for use in theatres and auditoriums.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 63A per phase
- 12 x dimmed outputs at 20A. Total device load 180A
- Each output protected by a 20A MCB
- Robust SCR regulating device
- Rise time >200µS @ 230V
- Dimensions: H 600mm x W 345mm x D 187mm
- Packed weight: 35.0kg

Trailing Edge Dimmer Controllers

Compatible with main voltage incandescent fittings and low voltage electronic transformers, the Philips Dynalite range of trailing edge dimmer units bring together the very best in lighting control technology. All units support a three phase supply making them ideal for track-lighting dimming applications. Utilising trailing edge dimming techniques can achieve the quietest style of dimming for projects where noise is critical. This makes trailing edge dimmers the perfect choice for art galleries, museums, music hall and lecture rooms. Built-in power conditioning to protect lamps from over voltage, surge protection, brownout/sag protection increases lamp life, reducing ongoing project maintenance costs.



DTE310 – 3 x 10 A Trailing Edge Dimmer Controller

The DTE310 is a three channel energy management controller with a maximum load per channel of 10A. It has a trailing edge output, making it suitable for use with most types of dimmable electronic transformers.

The DTE310 can operate from a three phase or single phase supply and is especially suited for controlling track mounted fixtures on three circuit track. Using a three phase supply when the DTE310 is connected to three circuit track allows the track to be loaded to maximum rating.

Philips Dynalite's superior voltage regulation and soft start technologies protect lamps, dramatically extending their life. Multipurpose programmable dry contact and analogue inputs are provided for interfacing to other systems such as AV controllers.

The device also incorporates a Programmable Logic Controller that can process comprehensive conditional and sequential logic and macro functions.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 10A per phase or 230V ±14% 50/60Hz Single Phase at 30A
- 3 x dimmed outputs (trailing edge phase control) at 10A
- Each output protected by a 10A MCB
- Regulating device – Dual MOSFET's. 47A, 600V, 141 surge
- 1 x RS485 serial port – DyNet & DMX512
- 8 x multifunction inputs; each programmable to 0-5V, 0-10V or dry contact
- Dimensions: H 450mm x W 225mm x D 75mm
- Packed weight: 6.0kg

DTE1210 – 12 x 10A Trailing Edge Dimmer Controller

The DTE1210 is a 12 channel energy management controller with a maximum load per channel of 10A. It has a trailing edge output, making it suitable for use with most types of dimmable electronic transformers.

The DTE1210 can operate from a three phase or single phase supply and is especially suited for controlling track mounted fixtures on three circuit track. Using a three phase supply when the DTE1210 is connected to three circuit track allows the track to be loaded to maximum rating.

Philips Dynalite's superior voltage regulation and soft start technologies protect lamps, dramatically extending their life. The power circuit for each channel is contained within plug-in modules for ease of maintenance. The device incorporates a Programmable Logic Controller that can process complex conditional and sequential logic and macro functions. It is DMX512 compatible, making it perfect for use in theatres and auditoriums.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 40A per phase
- 12 x dimmed outputs (trailing edge phase control) at 10A
- Each output protected by a 10A MCB
- Regulating device – Dual MOSFET's, 47A, 600V, 141 surge
- 1 x RS485 serial port – DyNet & DMX512
- 1 x programmable dry contact AUX input
- Dimensions: H 610mm x W 290mm x D 190mm
- Packed weight: 16.7kg

Signal Dimmer Controllers

The Philips Dynalite range of Signal Dimmer Controllers, have been engineered to meet the future demands of projects. They are capable of transmitting all industry standard ballast protocols (1-10V, DSI, DALI and Broadcast DALI) and support two ranges of install opportunities of both DIN rail and wall box, to allow for flexible install opportunities. The Signal Dimmer Controller range also support a vast range of ballast controllers with a variety of circuit numbers and sizes to work individually or as part of a system, suiting any project requirement.

DBC905 – 9 x 5A Dimmer Controller

The 9 channel DBC905 high frequency fluorescent dimmer controller is designed for direct installation within ceiling cavities.

Each control output supports DALI Broadcast, DALI Addressed, 1-10V and DSI protocols. For ease of installation and maintenance the device incorporates structured wiring connectors, which enables the unit to be readily connected without the use of tools. The DBC905 can be readily integrated with a Building Management System (BMS) via the DyNet control network, making it ideally suited to commercial office installations where a cost effective control solution is required.

The device design provides easy connection without the use of tools and is available for two popular wiring brands; CMS Electracom (Modular Wiring) – DBC905C, DBC905WA-WAGO and Wieland – DBC905W.

DDBC120-DALI Dimmer Controller

The DDBC120-DALI is designed for cost-effective control of DALI high frequency fluorescent ballasts, providing a full universe of 64 DALI channels.

Direct DALI to DyNet mapping means that the DALI-imposed limits, such as the maximum of 16 groups, are seamlessly overcome. The device is DIN rail mountable, designed to be installed in a switchboard next to the circuit breaker that is supplying power to the controlled lighting circuit. The DDBC120-DALI contains an integral DALI bus power supply, removing the need for the provision of a separate external supply.

- 230V ±14% 50/60Hz Single Phase at 0.1A
- 1 x DALI control output, supporting a full DALI universe of 64 channels, including diagnostic back channel

Diagnostics include:

- Lamp failure reporting
- Ballast failure reporting
- Ballast run tracking for each ballast
- Device Online/Offline status
- 1 x programmable dry contact AUX input
- Internal DALI bus power supply
- Dimensions: H 86mm x W 105mm x D 58mm
- Packed weight: 0.324kg

DDBC300-DALI Dimmer Controller

The DDBC300-DALI is designed for cost-effective control of DALI high frequency fluorescent ballasts, providing three full DALI universes comprising 192 DALI channels. Direct DALI to DyNet mapping means that the DALI-imposed limits, such as the maximum of 16 groups, are seamlessly overcome.

The device is DIN rail mountable, designed to be installed in a switchboard next to the circuit breaker that is supplying power to the controlled lighting circuit. The DDBC300-DALI contains an integral DALI bus power supply, removing the need for an additional external device.

- 230V ±14% 50/60Hz Single Phase at 0.1A
- 3 x DALI control outputs, each supporting a full DALI universe of 64 channels (192 total), including diagnostic back channel

Diagnostics include:

- Lamp failure reporting
- Ballast failure reporting
- Ballast run tracking for each ballast
- Device Online/Offline status
- 1 x programmable dry contact AUX input
- Internal DALI bus power supply
- Dimensions: H 86mm x W 209mm x D 66mm
- Packed weight: 0.49kg

DDBC320-DALI Dimmer Controller

The DDBC320-DALI is designed to provide cost effective control of DALI high frequency fluorescent ballasts. It has three DALI outputs, allowing it to control up to 192 DALI devices.

The DALI control signals can be programmed to operate in tandem with the three internal switched outputs, which will automatically isolate the power circuit when all associated DALI channels are at 0%.

This feature is useful for energy saving applications, as DALI ballasts draw a significant amount of power when the lamps are turned off via a DALI command. Direct DALI to DyNet mapping means that the DALI imposed limits, such as the maximum of 16 groups, are seamlessly overcome.

The device is DIN rail mountable, designed to be installed in a switchboard next to the circuit breakers supplying power to the controlled lighting circuits. The DDBC320-DALI contains an integral DALI bus power supply, removing the need for an additional external device.

- 230V ±14% 50/60Hz Single Phase at 0.1A
- 3 x DALI control outputs, each supporting a full DALI universe of 64 channels (192 total), including diagnostic back channel

Diagnostics include:

- Lamp failure reporting
- Ballast failure reporting
- Ballast run tracking for each ballast switched output
- Device Online/Offline status
- 3 x 20A feed through switched circuits for DALI ballast mains supply
- 1 x programmable dry contact AUX input
- Internal DALI bus power supply
- Dimensions: H 86mm x W 210mm x D 58mm
- Packed weight: 0.8kg

DMBC110 – 1 x 10A Signal and Relay Controller

The DMBC110 is designed to allow intelligent, networked control of individual lighting fixtures. The compact design enables the unit to be mounted directly within the gear enclosure of many fixtures. Each dimmer controller incorporates a relay output which can be used to control mains supply to the fixture, and a 1 x 10A dimmer controller which can provide dimming control of DALI, 1-10V and DSI compatible ballasts and transformers. The relay is very robust and fully rated for difficult lighting loads.

- 230V ±14% 50/60Hz Single Phase at 10A
- Relay output at 10A (inductive)
- Relay, tungsten carbide pilot contact, 12A inductive, 120A surge

Output Capacity:

- DALI Ballasts and transformers: 5
- 0-10V Ballasts: 10mA source or 20mA sink
- DSI Ballasts and transformers: 15
- Dimensions: L 185mm x W 44mm x D 38mm
- Packed weight: 0.19kg

DDBC1200 – 12 x Channel Control Dimmer Controller

The DDBC1200 is designed to provide cost effective control of high frequency fluorescent ballasts and dimmable transformers. Each DDBC1200 has 12 independent output channels, each selectable to DALI Broadcast, 0-10V or DSI.

When in 0-10V output mode, the device is suitable for interfacing with equipment with an analogue input port such as air dampers. The device can also be linked to a separate relay module for control of 1-10V HF fluorescent ballasts.

LED indicators reflect the status of each channel. The device is DIN rail mountable, designed to be installed on a switchboard next to the circuit breaker that is supplying power to the controlled lighting circuit.

- 230V ±14% 50/60Hz Single Phase at 0.5A
- 12 x control outputs, software selectable to DSI/0-10V or DALI broadcast
- Up to 100 DSI or 0-10V ballasts per control circuit, 1200 ballasts total per unit
- Up to 80 DALI ballasts per control circuit or maximum 500 total per unit
- Can control 1-10V Signals when used with a relay controller
- LED status indicators for each channel
- Programmable Logic Controller (8 Tasks)
- Dimensions: H 93mm x W 211mm x D 75mm
- Packed weight: 0.6kg Option – Manual Override
- DDBC1200-MO. Rear-lit keypad provides status indication and local control of individual channels

DBC410 – 4 x 10A Dimmer Controller

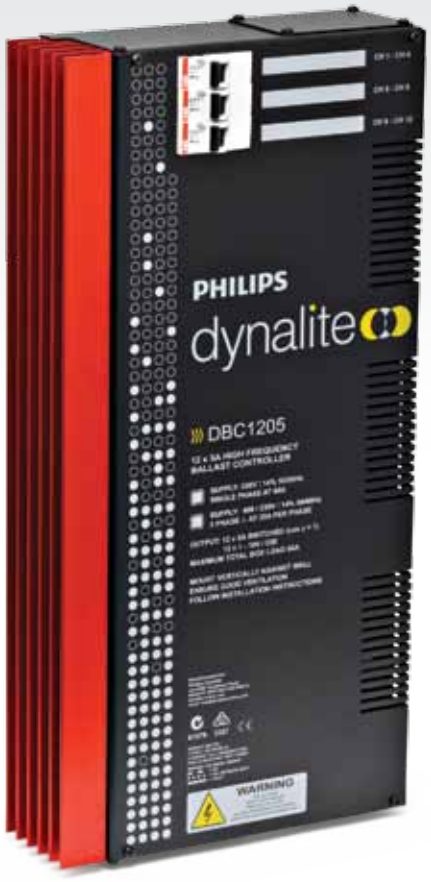
The DBC410 is designed for use with electronic dimmable fluorescent ballasts, either 1-10V or DSI. It has four heavy duty 10A relay outputs to switch fluorescent lighting or other loads in a DyNet energy management system. Four control outputs, selectable to 1-10V DC and DSI, are provided for control of Signals. These control outputs can operate in tandem with or separately from the switched outputs.

- 230V ±14% 50/60Hz Single Phase at 40A
- 4 x switched outputs at 10A (inductive)
- 4 x Signal control outputs, each selectable to 1-10V or DSI
- Each output protected by a 10A MCB
- Dimensions: H 320mm x W 225mm x D 75mm
- Packed weight: 4.0kg

DBC1205 – 12 x 5A Dimmer Controller

The DBC1205 is designed for use with electronic dimmable fluorescent ballasts, either 1-10V or DSI. It has 12 x 5A relay outputs to switch fluorescent lighting or other loads in a DyNet energy management system. Twelve control outputs, selectable to 1-10V DC and DSI, are provided for control of HF ballasts.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 20A per phase or 230V ±14% 50/60Hz Single Phase at 60A
- 12 x switched outputs at 5A
- 12 x Signal control outputs, software selectable to 1-10V or DSI
- 3 blocks of 4 channels, each protected by a 20A MCB
- Dimensions: H 450mm x W 225mm x D 75mm
- Packed weight: 5.2kg



DBC1210 – 12 x 10A Dimmer Controller

The DBC1210 is designed for use with DALI Broadcast, 1-10V and DSI electronic dimmable fluorescent ballasts and transformers. The unit has a built-in 12 x 10A relay output, to remove power once lamps have been dimmed down, therefore completely removing stand-by current. Each of the twelve control outputs are selectable to DALI Broadcast, 1-10V and DSI are provided for control of Signals.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 40A per phase
- 12 x switched outputs at 10A
- 12 x Signal control outputs, each selectable to DALI Broadcast, 1-10V or DSI
- Each output protected by a 10A MCB
- Dimensions: H 457mm x W 252mm x D 126mm
- Packed weight: 10.25kg

DBC1220GL – 12 x 20A Dimmer Controller

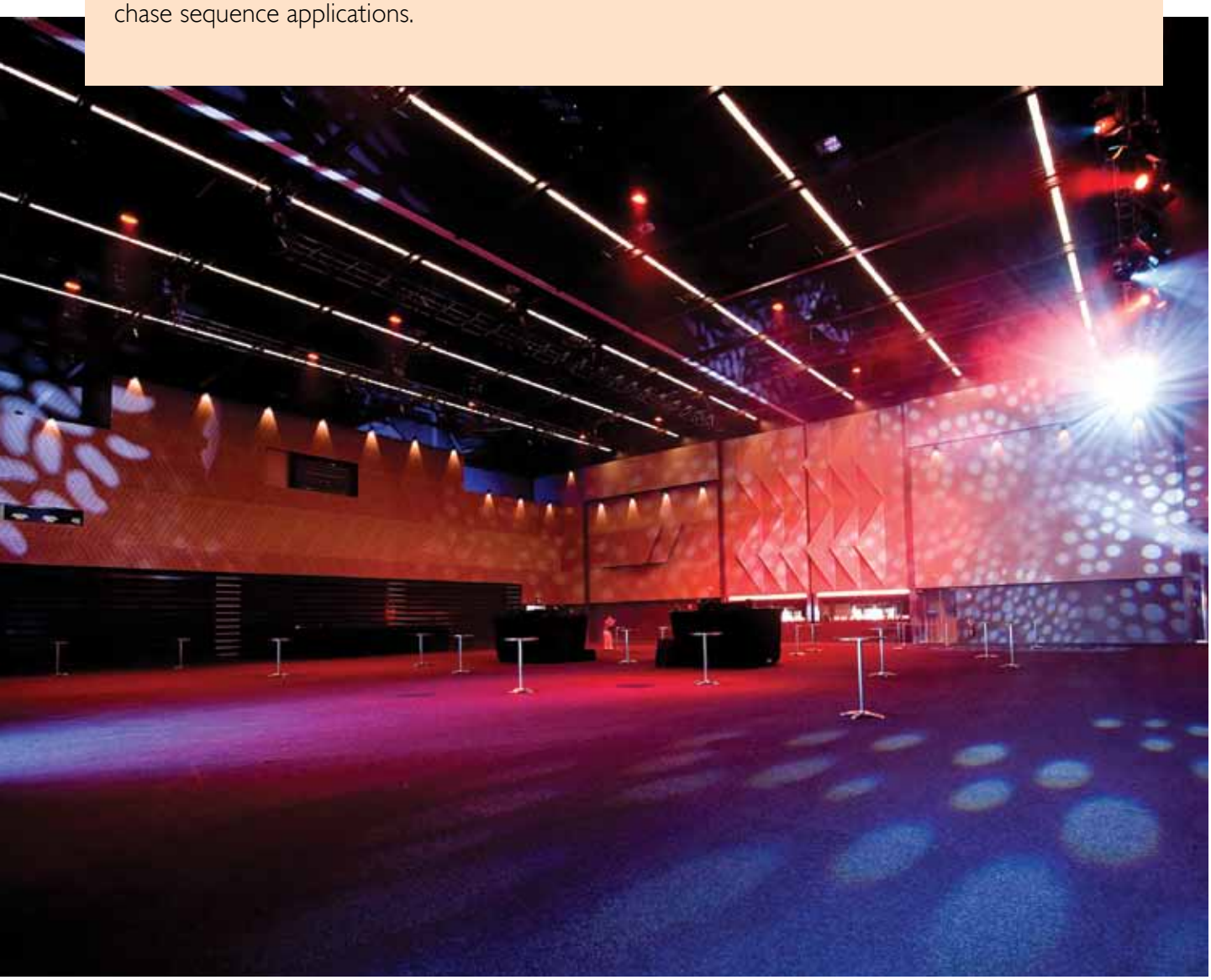
The DBC1220GL is designed for use with DALI Broadcast, 1-10V and DSI electronic dimmable fluorescent ballasts and transformers. The unit has a built-in 12 x 20A relay output, to remove power once lamps have been dimmed down, therefore completely removing stand-by current. Each of the twelve control outputs are selectable to DALI Broadcast, 1-10V and DSI are provided for control of Signals.

- 400/230V ±14% 50/60Hz 3-Phase ⅄ at 60A per phase
- 12 x switched outputs at 20A
- 12 x Signal control outputs, each selectable to DALI Broadcast, 1-10V or DSI
- Each output protected by a 20A MCB
- Dimensions: H 457mm x W 252mm x D 126mm
- Packed weight: 10.25kg

LED PWM Controllers

Capable of directly driving LED fittings, the Philips Dynalite LED dimmers use Pulse Width Modulation (PWM) technology to great effect. Perfectly suited to Red, Green, Blue (RGB) colour changing applications, chase sequencing or provision of elegant scene settings. The Philips Dynalite LED drivers come in a range of configurations to meet the compatibility requirements of many of the available LED fittings.

Each device is ready to receive native DMX allowing them to be used in colour mixing or chase sequence applications.



DDLEDC60035 – 6 x 350mA PWM Controller

The DDLEDC60035 is designed to control LED loads in decorative architectural lighting applications where creative colour mixing and sequencing is required.

The controller provides six pulse width modulated common anode current mode outputs suitable for directly driving 350mA nominal current rated high intensity LED sources. Incorporating internal current regulation, the controller is designed to directly operate series connected LED arrays without the need for any additional circuit devices. The device is supplied with a DIN rail mountable housing, designed for installation within a switchboard or suitable electrical enclosure. The DDLEDC60035 is DMX512 compatible and is suitable for the high chase speeds found in display lighting.

- Requires external 2.5A regulated power supply
- Controller supply voltage range selectable with internal link to 18-32V DC (standard) or 12-15V DC
- 6 x 350mA current mode common anode PWM outputs
- Minimum internal voltage drop 200mV
- 1 x RS485 serial port – DyNet & DMX512
- Dimensions: H 86mm x W 209mm x D 66mm
- Packed weight: 1.0kg

DDLEDC401 – 4 x 1A PWM Controller

The DDLEDC401 is designed to control four channel (RGBW) LED loads in decorative architectural lighting applications where creative colour mixing and sequencing is required.

The controller provides four pulse width modulated voltage mode outputs suitable for driving high intensity LED sources. Controller nominal output voltage is 24VDC and can optionally be ordered as 12V output. The device is available in two output configurations to accommodate common anode (DDLEDC401-CA) or common cathode (DDLEDC401-CK) loads. The device is supplied with a DIN rail mountable housing, designed for installation installed within a switchboard or suitable electrical enlosure. The DDLEDC401 is DMX512 compatible and is suitable for the high chase speeds found in display lighting.

- 230V ±14% 50/60Hz Single Phase at 130 watts
- 4 x 1A constant voltage PWM outputs
- Outputs selectable to 12V/24V/Common Anode/Common Cathode
- 1 x RS485 serial port – DyNet & DMX512
- Dimensions: H 86mm x W 209mm x D 66mm
- Packed weight: 1.0kg

DDLEDC605 – 6 x 5A PWM Controller

The DDLEDC605 is designed to control LED loads in decorative architectural lighting applications where creative colour 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 device is supplied with a DIN rail mountable housing, designed for installation within a switchboard or suitable electrical enclosure. The DDLEDC605 is DMX512 compatible and is suitable for the high chase speeds commonly found in display lighting.

- Requires external 20A regulated power supply, enabling a range of nominal output voltages
- Controller supply voltage range selectable with internal link to 18-32V DC (standard) or 12-15VDC.
- 6 x 5A voltage mode common anode PWM outputs
- 1 x RS485 serial port – DyNet & DMX512
- Dimensions: H 86mm x W 209mm x D 66mm
- Packed weight: 1.0kg