Load controllers do the heavy lifting in the control system

Dynalite Load Controllers

Load controllers receive instructions from the network and adjust their controlled outputs as required. They contain all the elements – power supply, network ports, output circuits, and the microprocessor management – needed to operate the lighting groups for which they are responsible. All channel naming information, channel addressing, area addressing, and channel scene levels are stored within the memory of the load controller. Dynalite has a wide range of load controllers that can be mixed and matched to support various project requirements and multiple luminaire types. The load controller range features different types of output circuits for switching, leading/ trailing edge dimming, PWM dimming, DALI, and 0-10 V control. Controllers offer a range of channel capacities from 2-20A, as well as a choice of wall or DIN rail mounting options.

Application
· Industrial
· Education
· Healthcare
· Retail
· Hospitality

Dynalite Load Controllers

Versions

DDLEDC605GL Product Image

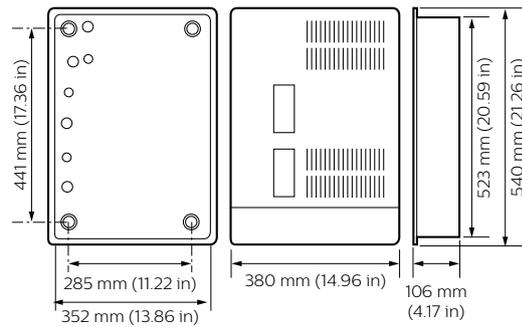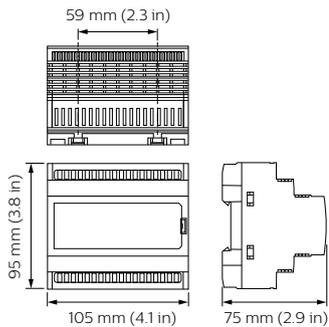**DDBC516FR Product Image**

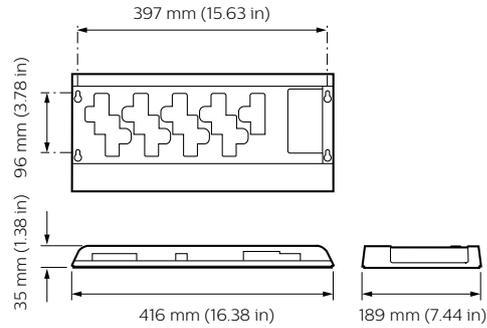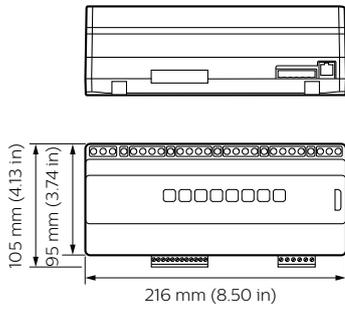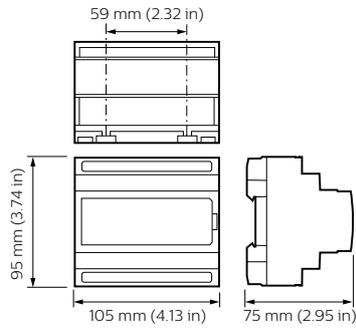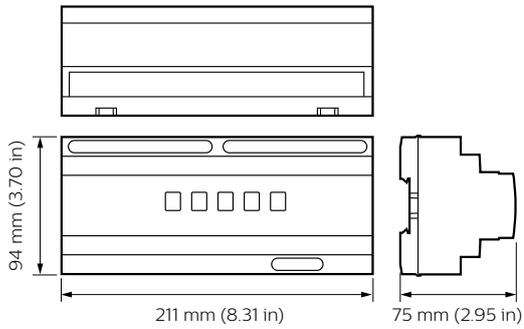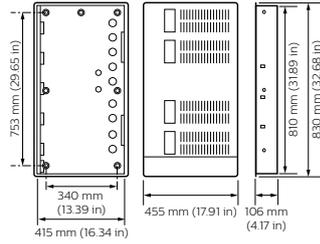**DDBC120-DALI Product Image**

DDMC802 Product Image

DBC905W Product Image

DMC4 Product Image

Dimensional drawing

105 mm (4.13 in)
95 mm (3.74 in)
216 mm (8.50 in)
74 mm (2.91 in)

397 mm (15.63 in)
96 mm (3.78 in)
35 mm (1.38 in)
416 mm (16.38 in)
189 mm (7.44 in)

59 mm (2.3 in)
95 mm (3.8 in)
105 mm (4.1 in)
75 mm (2.9 in)

441 mm (17.36 in)
285 mm (11.22 in)
352 mm (13.86 in)
380 mm (14.96 in)
106 mm (4.17 in)
523 mm (20.59 in)
540 mm (21.26 in)

Dynalite Load Controllers
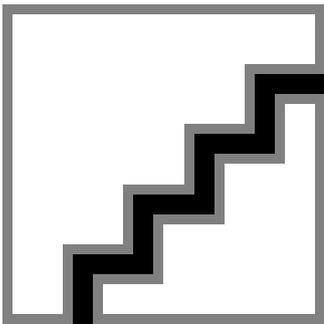
Dimensional drawing
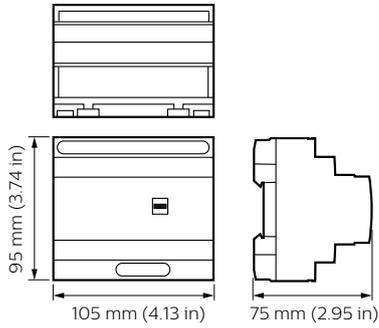
Product details

Front of the DBC905 9 x 5A EcoLinx Signal Dimmer Controller

DDBC516FR 5 x 16A Signal Dimmer Controller front

DMC2 Multipurpose Modular Controller – Front

DMC2 Multipurpose Modular Controller – exploded view

Dynalite Load Controllers

Product details

DMC2 Multipurpose Modular
Controller – open

DMC4-CE Multipurpose Modular
Controller – exploded view

DMC4-CE Multipurpose Modular
Controller – front

DMC4 Complete BottomOpen
Front
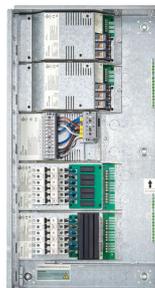
DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 BottomClose

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 BottomOpen

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603

DMC4 DSM4 DMR316 DMD316
DMR610 DMP603 Front

Dynalite Load Controllers

Dynalite Load Controllers

Product details

DMC4 DSM4 DMR316 DMD316 DMR610 Front

DMC4 DSM4 DMR316 DMD316

DMC4 DSM4 DMR316

DMC4 DSM4 DMR316 Front

DMC4 DSM4 Front

DMC4 Empty BottomOpen

DMC4 UL BS

DMC4 UL Empty

Dynalite Load Controllers

Product details

DMC4 UL Empty Front

DDBC120-DALI MultiMaster DALI Driver Controller

Detail photo of the DDLEDC605-GL

DDMC802 front detail

www.lighting.philips.com

2025, December 11 – data subject to change