

LED Controller BD1210

Technical Parameters

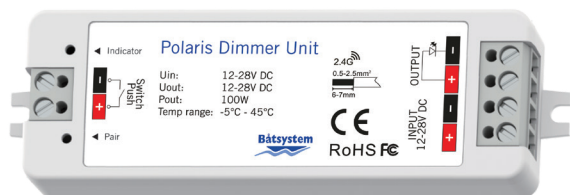
Input and Output	
Input voltage	12-28V DC
Output voltage	Equal to input
Output power	100W

Features

- 0-100% dimming smoothly without any flash.
- Match with Båtsystem BD1210R / BD1210R8.
- Synchronize with multiple number of controllers.
- Connect with external push switch to achieve on/of and 0-100% dimming function.
- (BE 5880-1) and/or remote (BD1210R/BD1210R8) to achieve on/of and 0-100% dimming function.

FC CE RoHS emc RED

20200508



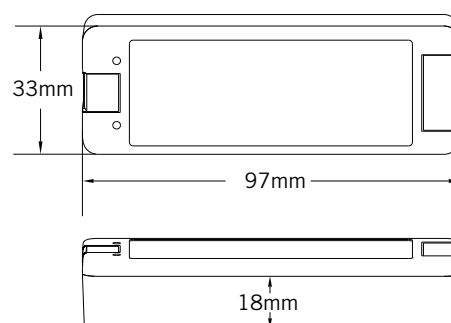
Step-less dimming, Wireless remote control, and/or wired push-button, Synchronize, Push Dim

Safety and EMC	
EMC standard (EMC)	EN301 489, EN 62479
Safety standard (LVD)	EN60950
Radio Equipment (RED)	EN300 328
Certification	CE, EMC, LVD, RED

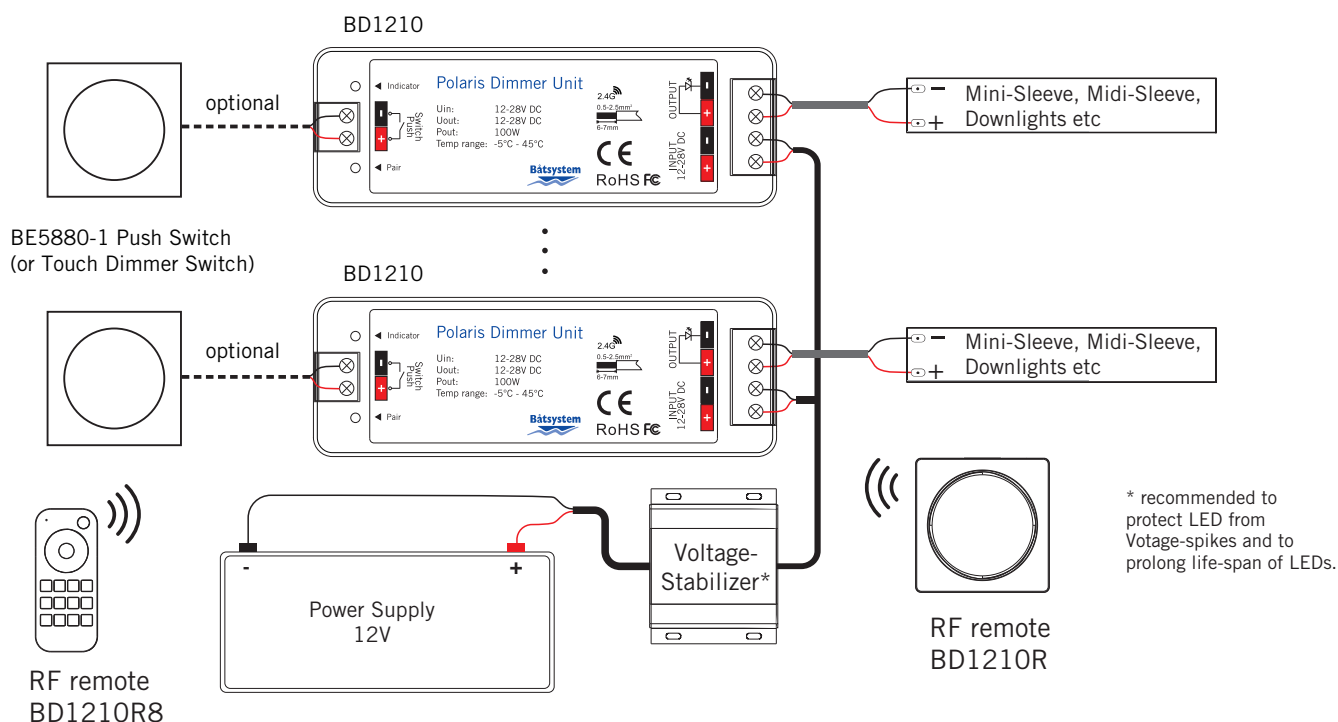
Environment	
Operation temperature	-5°C - 45°C
IP rating	IP20

Dimming data	
Input signal	RF 2.4GHz + Push Dim
Control distance	30m
Dimming level	4096 levels
Dimming range	0-100%
Dimming curve	Logarithmic
PWM Frequency	500Hz (default)

Mechanical Structures and Installations



Wiring Diagram



Remote Control BD1210R

Match:

Short press match key on BD1210, immediately press on/off key on rotor remote BD1210R or zone key on the remote control BD1210R8.

Delete:

Press and hold match key for 5s to delete all match, The light blinks 5 times means all matched remotes were deleted.

Control:

- Short press: Turn on or off light
- Long press: Press and hold to step-less dimming. With every other long press, the light level goes to the opposite direction.
- Turn: Turn clockwise to dimm up, turn anticlockwise to dimm down

Push Dim Function BE5880-1

- Short press: Turn on or off light
- Long press: Press and hold to step-less dimming. With every other long press, the light level goes to the opposite direction.
- Dimming memory: Light returns to the previous dimming level when switched off and on again.