



Light built into furniture and architecture

**Controllers
and its components
catalogue**



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■ RANGE 01

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How to read an entry

-  Voltage
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-  Colour temperature

The code under each title is the one to quote when you write to us.

A datasheet link closes the entry where one is published.

RANGE 01 · LED LIGHTING

Controllers

7 PRODUCTS IN 2 CHAPTERS



Chapters

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Ask by code

Every entry prints its code.



Specifications as published

Datasheet linked where there is one.



Availability on request

Availability, pricing and lead times on request.

AT A GLANCE

Controllers at a glance

CODE	NAME	VOLT.	POWER	IP	WARR.	DIMENSIONS, MM	VARIANTS
 D-01/2	Controller for 1-zone single/CCT color LED strip (ECO)	12/24 V	144 W	IP20	5 years	100.6×40×17.6	1
 DW-01/2	Controller for 1 zone WIFI single/CCT color LED strip (ECO)	12/24 V	144 W	IP20	5 years	100.6×40×17.6	1
 D-21j	Remote control for 1-zone single color / CCT strip (EKO)	–	–	–	5 years	140×37.5×15	1
 D-10	Wall switch for 1-zone single and CCT color LED strip (ECO)	–	–	IP20	5 years	86×86×27	2
 D-01 mini	Controller MINI for 1-zone single color LED strip (ECO)	12/24 V	72 W	IP20	5 years	76×19.2×8.6	1
 D-24j	Remote control 4 zones for single color / CCT LED strip (ECO)	–	–	–	5 years	–	1
 D-11	Switch MINI for 1-zone single color LED strip (ECO), black	–	–	IP20	5 years	86×86×27	2

CCT CONTROLLERS

Controller for 1-zone single/CCT color LED strip (ECO)

Code D-01/2

NEW



12/24 V
Voltage



144 W
Power



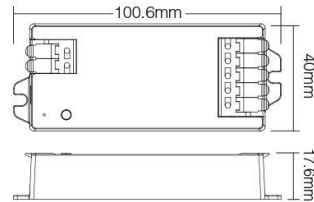
IP20
Ingress



5 years
Warranty



100.6 × 40 × 17.6
L × W × H, mm



The main advantages of the controller:

1. Ability to manage:
single color and CCT LED strip up to 144w (12V) / 288w (24V)
2. Extremely easy connection of the controller to the remote control (sold separately)!
– After switching on the controller, touch the zone 3 times to which you want to connect
3. Fast cable connection
4. Additional functions:
-Each controller can be linked to a separate room

TECHNICAL DATA

ELECTRICAL

Working distance	30m
Input voltage	DC 12–24 V
Output current	12 A per channel, 12 A total
Max load	144 W @ 12 V, 288 W @ 24 V

ELECTRICAL

Output mode	Single colour or CCT (switchable)
Output connection	Common anode
Control signal	2.4 GHz RF

ENVIRONMENT AND COMPLIANCE

Working temperature	–10...+40 °C
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<https://dio.lighting/products/controller-for-1-zone-singlecct-color-led-strip-eco-2>

Controller for 1 zone WIFI single/CCT color LED strip (ECO)

Code DW-01/2

NEW



12/24 V
Voltage



144 W
Power



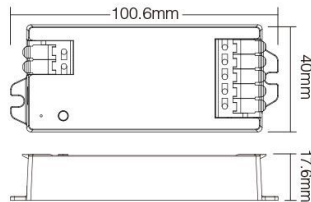
IP20
Ingress



5 years
Warranty



100.6 × 40 × 17.6
L × W × H, mm



The main advantages of the controller:

1. Ability to manage:

Monochrome and CCT LED STRIPS up to 144w (12V) / 288w (24V)

2. Extremely easy connection of the controller to the remote control (sold separately)!

– After switching on the controller, touch the zone to which you want to connect 3 times

3. The controller can be connected to a smart device via a WIFI connection

4. Fast cable connection

5. Additional functions:

-Each controller can be linked to a separate room. The gadget allows you to make various advanced settings.

APPLICATION

TECHNICAL DATA

ELECTRICAL

Working distance	30m
Input voltage	DC 12–24 V
Output current	12 A per channel, 12 A total
Max load	144 W @ 12 V, 288 W @ 24 V
Output mode	Single colour or CCT (switchable)

ELECTRICAL

Output connection	Common anode
Control signal	WiFi + 2.4 GHz RF, Bluetooth 4.2
Bluetooth	Bluetooth 4.2 (low energy)

ENVIRONMENT AND COMPLIANCE

Working temperature	–10...+40 °C
WiFi standard	IEEE 802.11 b/g/n, 2.4 GHz

<https://dio.lighting/products/controller-for-1-zone-wifi-singlecct-color-led-strip-eco-3>

Remote control for 1-zone single color / CCT strip (EKO)

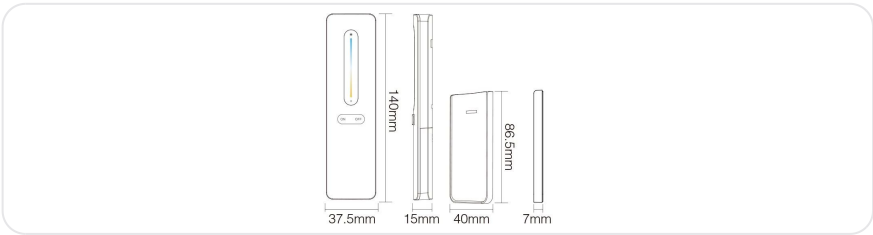
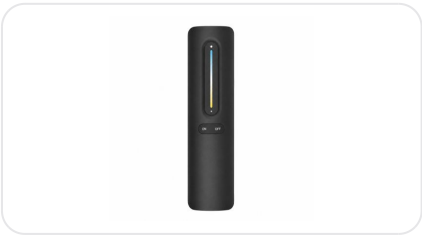
Code D-21j **NEW**



5 years
Warranty



140 × 37.5 × 15
L × W × H, mm



- Convenient and clear operation
- Can control an unlimited number of controllers (ECO)
- It is possible to increase and decrease the light intensity
- Can control CCT LED strip

TECHNICAL DATA

ELECTRICAL

Output mode	Single colour or CCT
Control signal	2.4 GHz RF
Zones	1
Battery	2 × AAA (3 V)
Working distance	30m
Standby power consumption	15 µA
Transmitting power	6 dBm
Modulation	GFSK

ENVIRONMENT AND COMPLIANCE

Working temperature	-10...+40 °C
EMC standard	ETSI EN 301 489-1 V2.2.3 (2019-11); ETSI EN 301 489-3 V2.3.2 (2023-01)
Safety standard (LVD)	EN 61347-2-11:2001+A1:2019; EN 61347-1:2015+A1:2021; EN 62493:2015+A1:2022
Radio equipment (RED)	ETSI EN 300 440 V2.2.1 (2018-07)
Certification	CE (EMC, RED)

<https://dio.lighting/products/remote-control-for-1-zone-single-color-cct-strip-eko-70>

Wall switch for 1-zone single and CCT color LED strip (ECO)

Code D-10

NEW



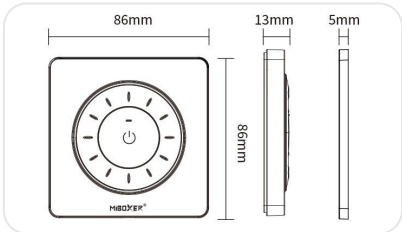
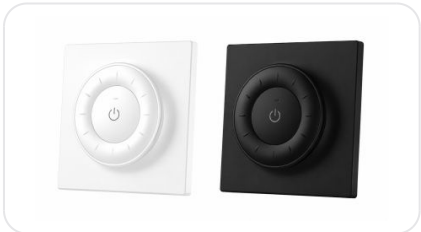
IP20
Ingress



5 years
Warranty



86 × 86 × 27
L × W × H, mm



TECHNICAL DATA

ELECTRICAL

Working distance	30m
Output mode	Single colour or CCT
Control signal	2.4 GHz RF
Zones	1
Battery	CR2032 (3 V)
Standby power consumption	6 µA
Transmitting power	6 dBm
Modulation	GFSK

MECHANICAL

Colour	Black
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ENVIRONMENT AND COMPLIANCE

Operating principle	on/off. Dim
Working temperature	-10...+40 °C
EMC standard	ETSI EN 301 489-1 V2.2.3 (2019-11); ETSI EN 301 489-3 V2.3.2 (2023-01)
Safety standard (LVD)	EN 61347-2-11:2001+A1:2019; EN 61347-1:2015+A1:2021; EN 62493:2015+A1:2022
Radio equipment (RED)	ETSI EN 300 440 V2.2.1 (2018-07)
Certification	CE (EMC, RED)

PRODUCT TYPES

CODE	COLOUR
 D-10	☒ Black
	☐ White

<https://dio.lighting/products/wall-switch-for-1-zone-single-and-cct-color-led-strip-eco-41>

SINGLE COLOUR CONTROLLERS

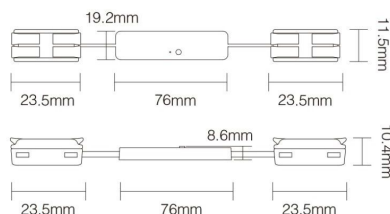
Controller MINI for 1-zone single color LED strip (ECO)

Code **D-01 mini****NEW**
12/24 V
Voltage

72 W
Power

IP20
Ingress

5 years
Warranty

76 × 19.2 × 8.6
L × W × H, mm


The main advantages of the controller:

1. Ability to manage:

single color LED strip up to 72w (12V) / 144w (24V)

2. Extremely easy connection of the controller to the remote control (sold separately)!

– After switching on the controller, touch the zone 3 times to which you want to connect

3. Fast cable connection

4. Additional functions:

-Each controller can be linked to a separate room

TECHNICAL DATA

ELECTRICAL

Working distance	30m
Input voltage	DC 12–24 V
Output current	6 A
Max load	72 W @ 12 V, 144 W @ 24 V
Output mode	Single colour
Control signal	2.4 GHz RF
Dimming	4096 levels, 0.1–100 %, logarithmic
Output type	Constant voltage

ENVIRONMENT AND COMPLIANCE

Working temperature	–10...+40 °C
EMC standard	ETSI EN 301 489-1 V2.2.3; ETSI EN 301 489-3 V2.1.1
Safety standard (LVD)	EN 61347-1:2015+A1:2021; EN 61347-2-11:2001+A1:2019
Radio equipment (RED)	ETSI EN 300 440 V2.2.1
Certification	CE (EMC, RED)

<https://dio.lighting/products/controller-mini-for-1-zone-single-color-led-strip-eco-1>

Remote control 4 zones for single color / CCT LED strip (ECO)

Code D-24j

NEW


5 years
Warranty


- Convenient and clear operation
- 4 zones can be controlled, each zone receiver can be associated with an unlimited number of controllers
- It is possible to increase and decrease the light intensity
- Can control CCT LED strip

TECHNICAL DATA

ELECTRICAL

Output mode	Single colour or CCT
Control signal	2.4 GHz RF
Zones	4
Battery	2 × AAA (3 V)
Working distance	30m
Standby power consumption	5 µA

ELECTRICAL

Transmitting power	6 dBm
Transmission frequency	2400–2483.5 MHz
Modulation	GFSK

ENVIRONMENT AND COMPLIANCE

Working temperature	–10...+40 °C
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<https://dio.lighting/products/remote-control-4-zones-for-single-color-cct-led-strip-eco-71>

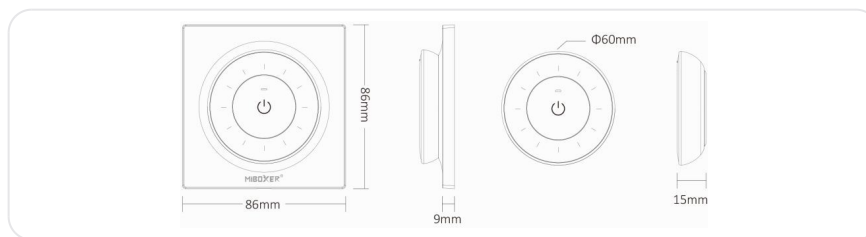
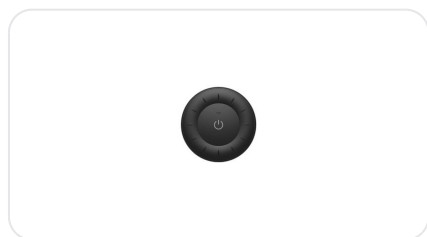
Switch MINI for 1-zone single color LED strip (ECO), black

Code D-11

NEW


IP20
Ingress

5 years
Warranty

86 × 86 × 27
L × W × H, mm


TECHNICAL DATA

ELECTRICAL

Working distance	30m
Output mode	Single colour
Control signal	2.4 GHz RF
Zones	1
Battery	CR2032 (3 V)
Standby power consumption	6 µA
Transmitting power	6 dBm

ELECTRICAL

Transmission frequency	2400–2483.5 MHz
Modulation	GFSK

MECHANICAL

Colour	Black
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ENVIRONMENT AND COMPLIANCE

Operating principle	on/off. Dim
Working temperature	–10...+40 °C

PRODUCT TYPES

CODE		COLOUR	
	D-11		Black
			White

<https://dio.lighting/products/switch-mini-for-1-zone-single-color-led-strip-eco-black-69>





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www.dio.lighting

Availability, pricing and lead times on request.

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