CUSTOMER	PROJECT	DATE
TYPE	QTY	PO #

LS-ENC-MIMO

MIMOSA · Low-voltage LED recessed light · 12 / 24 VDC · 3 W

SIGNATURE SERIES

Front

Back

Profile · 11 mm

Specifications

ELECTRICAL	
Input voltage	12 VDC or 24 VDC
Power	3 W
Dimming	With LS-PSU-DIM power supplies
Connection	Input and output connectors
Maximum per run	4 fixtures
PHOTOMETRY	
LED type	SMD · CREE XLamp Pro9 option
Color temperature	2700 K · 3000 K · 3500 K · 4000 K · 5000 K · DUO (3000 K / 4000 K)
CRI	80 · 95 (CREE Pro9)
MECHANICAL	
Diameter (trim)	Ø 63 mm
Diameter (body)	Ø 55 mm
Thickness	11 mm
Cut-out	2 ¼ in
Finishes	Brushed nickel · White · Black
WARRANTY	
Warranty	5 years

Description

Ultra-slim low-voltage LED recessed light designed for kitchen cabinets, boutiques, retail spaces and RVs. Input and output connectors allow quick daisy-chain wiring.

Key features

- Only 11 mm thick
- DUO version 3000 K / 4000 K
- CRI 95 option · CREE XLamp Pro9*
- Dimmable with LS-PSU-DIM power supplies
- 2 ¼ in cut-out

* Additional charges apply.

Finishes

Brushed nickel · White · Black

Applications

Kitchen cabinets · Boutiques · Retail · RVs

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Ordering code

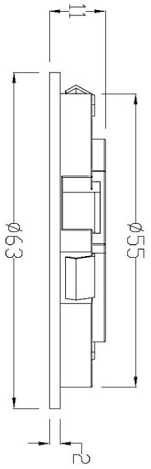
LS-ENC-MIMO-___-___-___

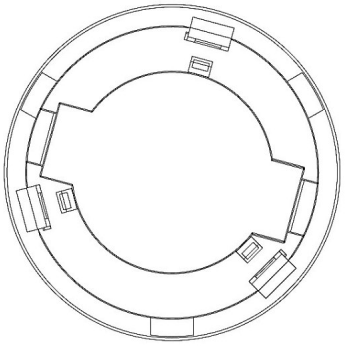
LS-ENC-MIMO – VOLTAGE [__] – CCT [__] – CRI [__]

VOLTAGE	CCT		CRI
12V · 12 VDC	**2.7K** · 2700 K	**4K** · 4000 K	**80** · standard
24V · 24 VDC	**3K** · 3000 K	**5K** · 5000 K	**95** · CREE Pro9*
	3.5K · 3500 K	**DUO** · 3K / 4K	

* CRI 95: CREE XLamp Pro9 LEDs, additional charges apply.

Dimensions





DIMENSIONS (MM)	
Trim	Ø 63
Body	Ø 55
Overall thickness	11
Trim thickness	2
CUT-OUT	
Cut-out hole	**2 ¼ in**

Accessories

CABLES	
LS-ACC-MIMO-2M-B	2 m lead cable, 1 connector
LS-ACC-MIMO-0,5M	0.5 m extension, connector at each end
LS-ACC-MIMO-1M	1 m extension, connector at each end
FINISHES	
LS-ACC-MIMO-FN-BN	Brushed nickel
LS-ACC-MIMO-FN-WH	White
LS-ACC-MIMO-FN-BK	Black

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Installation instructions

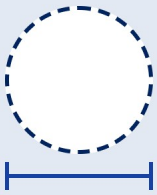
LS-ENC-MIMO recessed light · 2 ¼ in cut-out

1 Turn off power

Power off

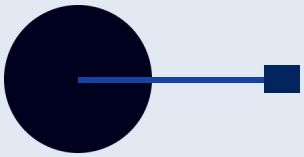
Turn off the power supply before any work.

2 Drill the hole



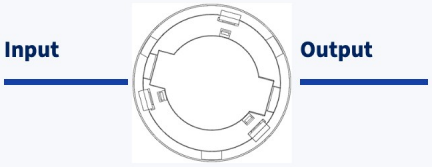
Drill a 2 ¼ in hole at the desired location.

3 Feed the cable



Feed the LS-ACC-MIMO-2M-B lead cable (or an extension) through the hole.

4 Connect



Max. 4 per run

Plug the cable into the fixture input. Link the next fixture to the output.

5 Insert the fixture

Trim sits flush

Push the fixture into the hole until the trim sits flush.

6 Power up

Power on

Connect the lead cable to the power supply, then restore power.

Note — DUO model: the color temperature is set by the polarity at the power supply output (see page 4).

CAUTION **Installation must be performed by a qualified electrician.**
Use a power supply with the same voltage as the fixture (12 VDC or 24 VDC).

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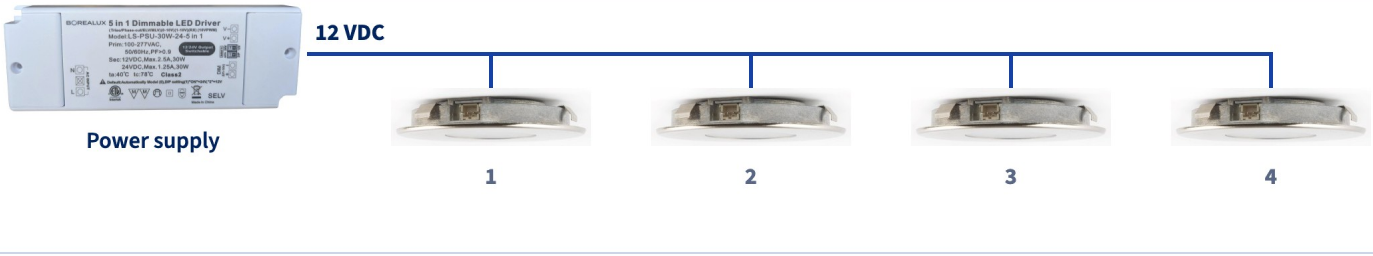
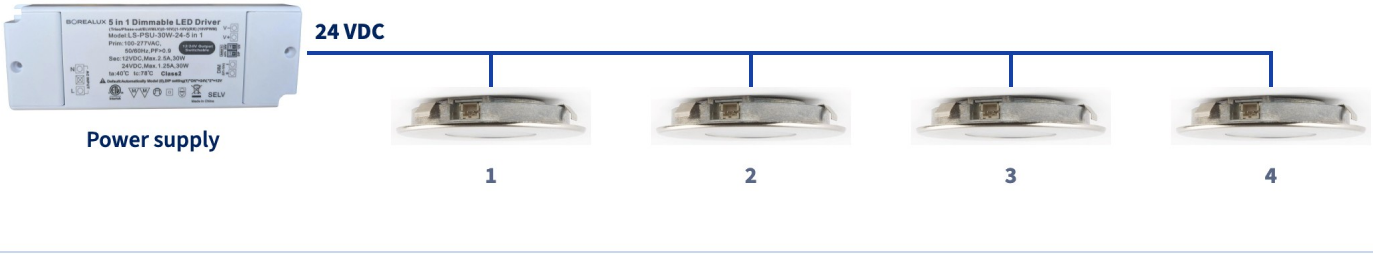
Wiring — single-CCT model

Daisy-chained through the input and output connectors

12 VDC version



24 VDC version



Wiring — DUO model

Polarity at the power supply output sets the color temperature

+ = red wire · − = black wire

3000 K

4000 K

Note — Reverse + and − at the power supply output to switch from 3000 K to 4000 K.

ATTENTION **Maximum of 4 fixtures per run.**