

NarrowDIM X4

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NarrowDIM X4

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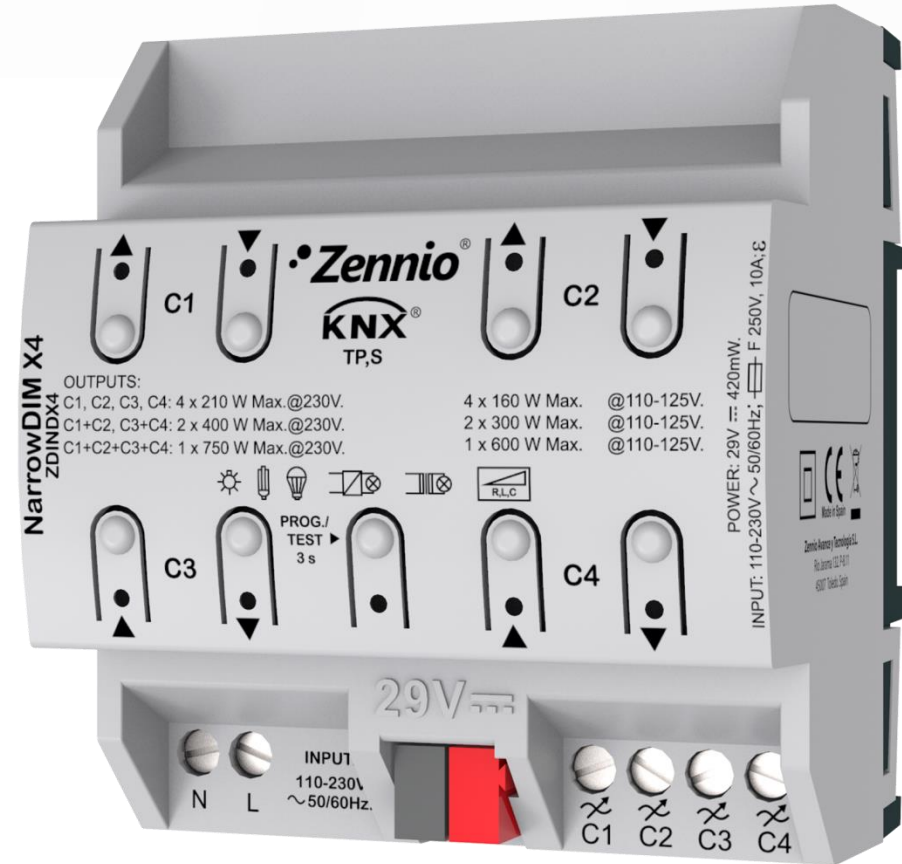
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Introduction

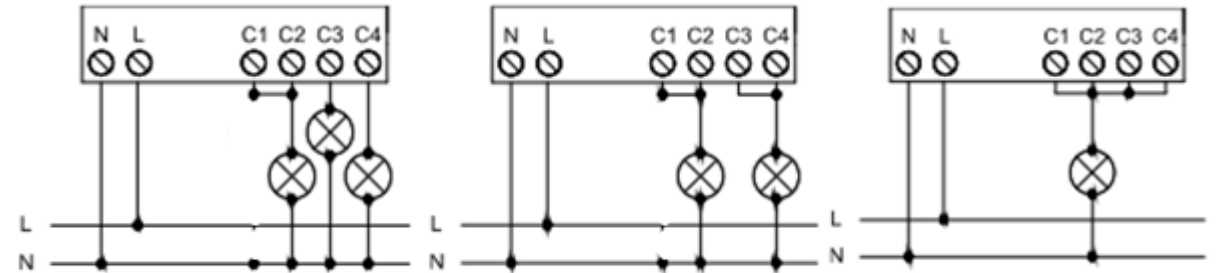
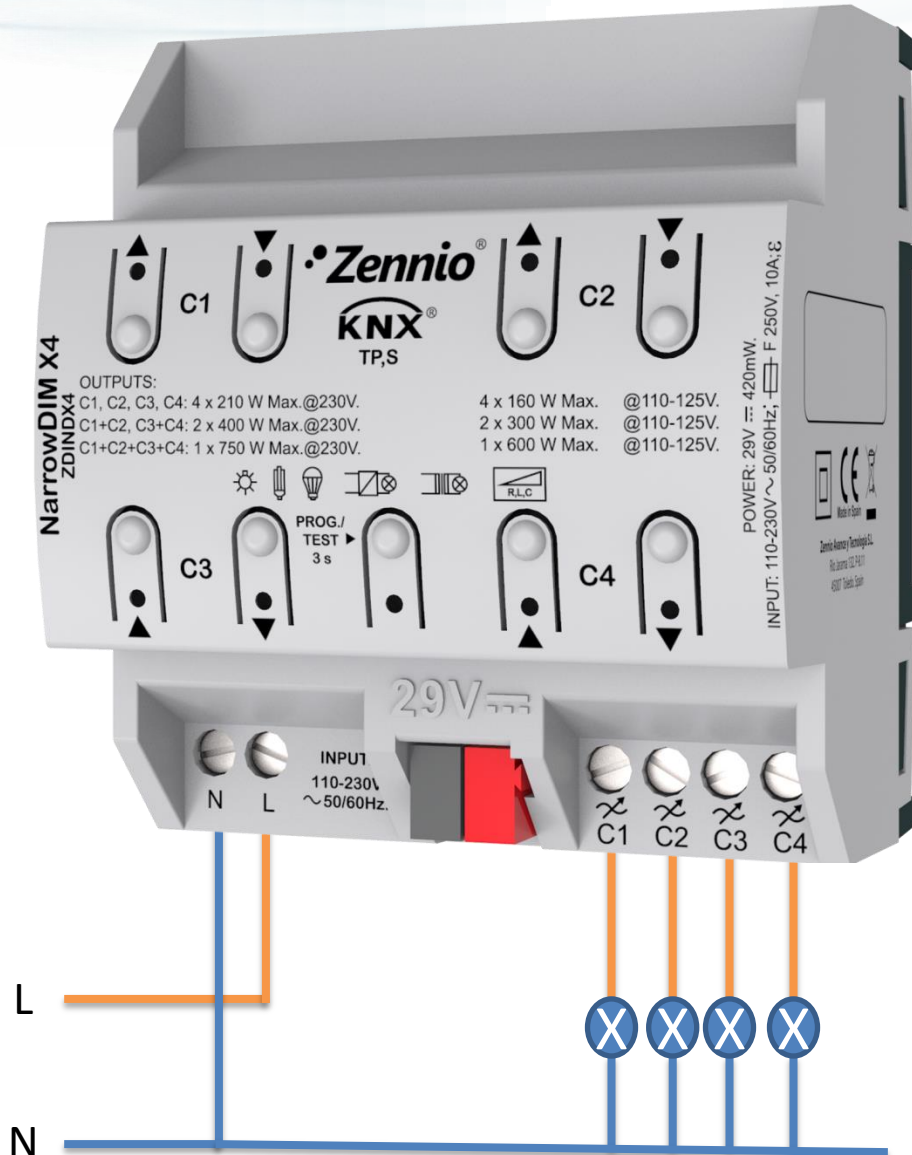
- Universal Dimmer (RLC, LED, CFL)
- 4 channels
- 4 x 210W / 2x400W / 1x750W
- Auto Load Detection (RLC)
- Configurable curves
- 10 Logical Functions
- Manual Control
- Error Detection



More info @ <https://www.zennio.com/products/lighting/narrowdim-x4>

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Load Wiring



- 4 individual channels (4 x 210W)
- 1 double channel (400W) + 2 individual channels
- 2 double channels (2 x 400W)
- 1 quadruple channel (750W)

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Product Comparison* – NarrowDIM X4 vs inBOX DIM vs Model X**

	NarrowDIM X4	inBOX DIM	Model X
Lamps with ghosting issues (out of 23)	3	3	12
Average output with load OFF (mA) (per channel)	0.268	0.291	2.051
Minimum output with load OFF (mA)	0.081	0.083	0.590
Maximum output with load OFF (mA)	0.304	0.331	2.5

86.5% less output current on average (NX4 vs Model X)

- Ghosting depends on the lamp **diod(s) and electronics**, not the wattage
- Depending on the LED, **L-N wiring** may affect ghosting appearance
- **Temperature** may also affect ghosting appearance

**23 dimmable LED lamps from different manufacturers and loads (2W – 16W @ 230VAC)*

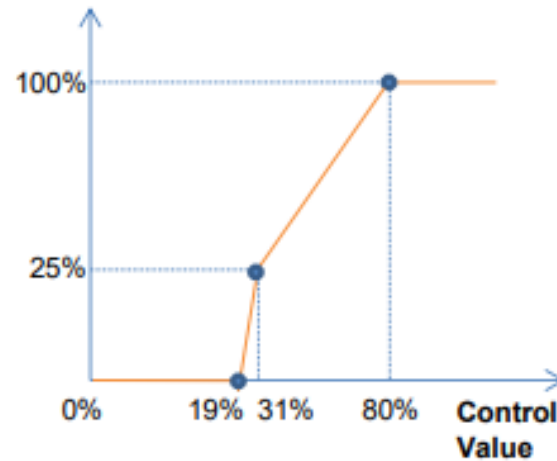
***Model X is one of the most common 4 channel KNX dimmer in european market*

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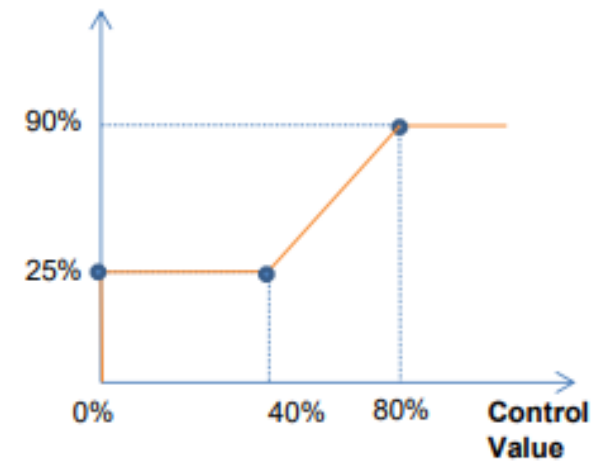
Tips for a correct LED dimming

- The LED lamp **flickers** at low dimming levels → Select an appropriate **Low dimming limit**
- The dimming curve is **not linear** → Select Curve 1 or Curve 2 as **dimming pattern**, **adjust the characteristic curve**, and set **Maximum dimming level**.

Luminosity



Luminosity



- The LED lamp seems to be switched off at low dimming levels → Enable the **Auto off** parameter to avoid leaving the light switched on
- **Do not mix different LED lamps models** in the same channel → Each LED lamp model includes its own electronic components that make the dimming curve different



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