



Emden Downlights Installation & Operation Manual

- PB23304205**
Emden Large LED
Master (Dimmable)

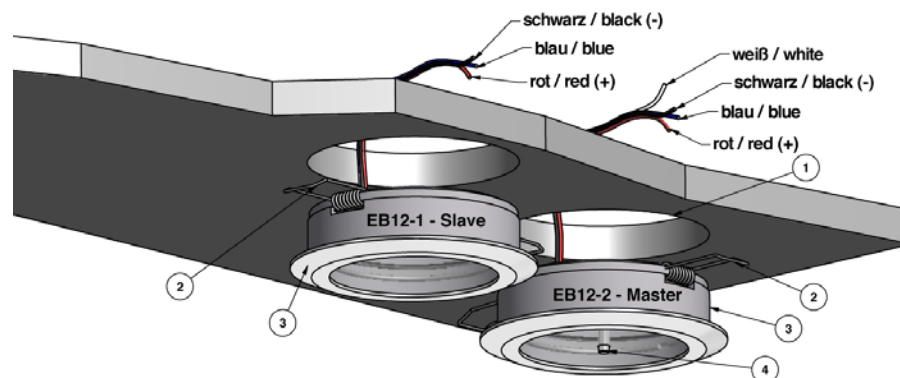


- PB23304105**
Emden Large LED
Slave (Dimmable w/Master)

- PB23303205**
Emden Medium LED
Master (Dimmable)

- PB23303105**
Emden Medium LED
Slave (Dimmable w/Master)

Installation



- Prepare installation opening according to the hole cut-out required by the light fixture. (see specification table below)
- Connect the power red/black cables by feeding these through the hole to the power supply cable (11-30VDC). Although the lights have reverse polarity protection, be sure that correct polarity is observed.
- Insert light housing in to the cut-out hole making sure seal is between fixture flange and mounting surface.
- Secure light with included stainless steel fixing screws being sure to seal these with silicone sealant.

Specifications

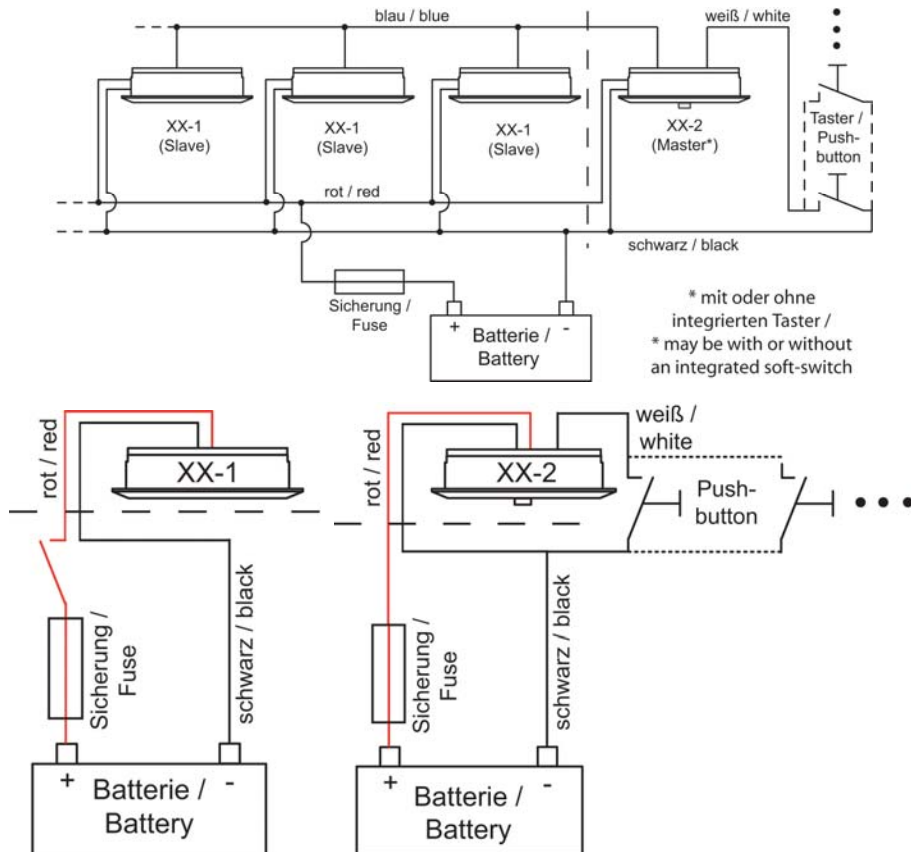
	Installation Opening	Installation Depth
PB23304205	3.54" (90mm)	0.87" (22mm)
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PB23303205	2.36" (60mm)	0.67" (17mm)
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Operation (Master XX-2)

Only needed for dimmed circuits. One Master can be used with up to 15 Slaves and can control either 3W (medium) or 6W (large) fixtures (or mixture thereof). See wire diagram for how to connect these. Using any normally open, single pole/single throw momentary push-button switch, full dimming or on/off function can be realized. Brightness level can be adjusted by holding down the switch. To reverse the phase, briefly release switch and press again within one second. The fixtures may be dimmed to 10% and up to 100% brightness and held there. To switch off, simply tap and release the switch quickly, tap again to turn back on.

Operation (Slave XX-1)

These fixtures are switched on/off via an external wall or panel mounted switch. (see diagram). For dimming, simply connect up to 15 slave fixtures to a single Master XX-2 via the blue control cable (see diagram).



Limited Warranty

Imtra warrants the light-emitting LSA (LED spotlight assembly) component of our IML PowerLED spot lights & fixtures for 5 years from the date of purchase. If the LSA should cease to function within 5 years, return the complete spot light assembly to Imtra for repair or replacement.

This warranty does not apply to damage resulting from actions of the user such as misuse, improper wiring/installation, operation outside of specification, improper maintenance or repair, unauthorized modification, lightning strike or damage from a power surge.

The trim ring (bezel) of the IML Power LED spot lights are warranted for either two years (stainless steel or powder coated) or one year (gold or satin-nickel) depending on the finish of the fixture.

Imtra specifically disclaims any implied warranties, merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Imtra's total liability is limited to repair or replacement of the product.

The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.

If it should become necessary to return a fixture for service during or beyond the warranty period, please refer to Imtra's standard Return Policy as detailed on Imtra's website (www.imtra.com) or call Imtra customer service at (508) 995-7000.

No returns are accepted without a Return Authorization (RA) number.



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