

# LOUSS

Lighting Emotion



## MAGMATO 300M

*The recessed multidirectional  
floodlighting Macro*

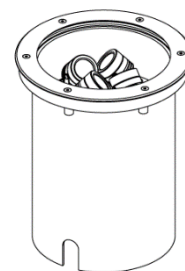
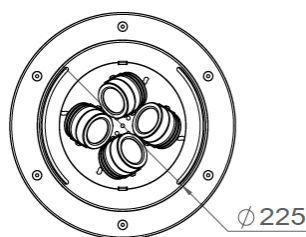
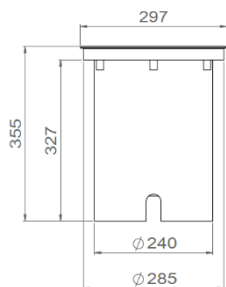


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## MAGMATO 300M

<b>Range</b>	Recessed multidirectional architectural floodlighting
<b>Description</b>	<p>2 to 4 individually adjustable spots</p> <p>Body in cast aluminium</p> <p>Chisel head 20°: 316L stainless steel with 5 joules IK10 glass</p> <p>Dedicated recessed box</p> <p>Static load capacity : 2500 kg</p>
<b>Dimensions</b>	<p>External diameter: 300mm. Installation: D. 290mm</p> <p>Height: 360mm</p>
<b>Net Weight</b>	8 to 8.50 kg according to version
<b>LED characteristics</b>	1 to 4 LED : 2200K – 2700K – 3000K – 4000K – 5000K – 6500K (other LED colours upon request) or mix colors
<b>Optical beam</b>	4° - 6° - 15° - 25° - 35° - 40° - 60° - 12x50 or 18x36 elliptical (other upon request)
<b>Integrated power supply</b>	350mA max
<b>LED power</b>	8W to 16W according to version
<b>Connection</b>	<p>Delivered with 1m standard cable (more length upon request)</p> <p>Direct connection: 230V</p>
<b>Use limitations</b>	<p>The product must be installed into a ventilated area. Any use with an ambient temperature higher than the specified ambient temperature (Ta) would lead to a more rapid mortality of the product and the withdrawal of our guarantees.</p> <p>The drivers, if not delivered by LOuss, must be approved before use.</p>
<b>Warranty</b>	<p>Life span: L80B10 at 50,000 hours (80% remaining flux) at 25°C ambient temperature. 3-year parts and labour warranty.</p> <p>The warranty does not apply to products that have been opened, modified or repaired and does not cover the effects of a wrong connection, careless, abusive handling, overvoltage, lighting injury, as well as the normal wear of the product.</p> <p>All products are electrically tested and received a functional burn-in.</p>

All the connections have to be made before powering up, otherwise the luminaires could be seriously damaged.

LOuss

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Firalux & LOuss brands

SARL, Capital 40 000€  
RCS DIJON B 503 367 245  
TVA/VAT n°: FR24 503 367 245  
APE 4676Z

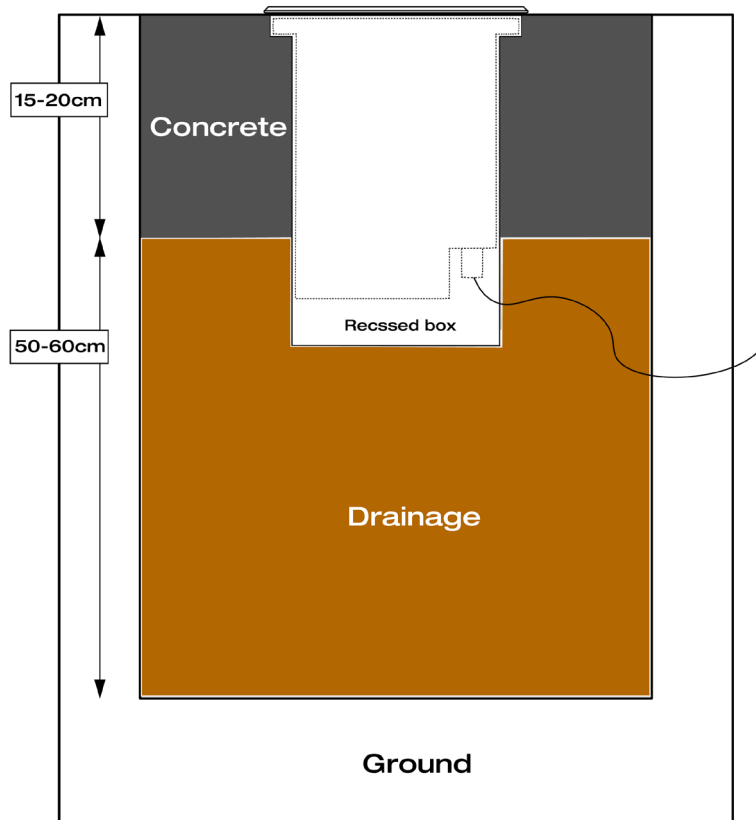
Tel. : +33 380 48 65 68  
contact@louss.fr  
[www.louss.fr](http://www.louss.fr)  
Best group

Siège social / Head Office  
PA Les Terres d'Or  
Route de Saint Philibert  
21220 Gevrey Chambertin - FRANCE



## Installation – Safety:

It is imperative to plan a drainage of the gravel during the installation of the Magmato 200.  
Plan a bigger recess than the diameter of the delivered recessed box.  
Avoid installing the product in a hollow space or in a possible flooded area.  
Be careful of not putting something on the recessed spot glass like a bench or chairs, *etc.*



## Maintenance :

The access to the LED source and to the driver is made by unscrewing the front face.

During the dismantling, pay special attention to the glass and the joint. These two parts must be correctly and properly repositioned to make sure the device is waterproof.

Do not use tools such as screwdrivers to open the glass in order to avoid any pinching which might damage the joint.

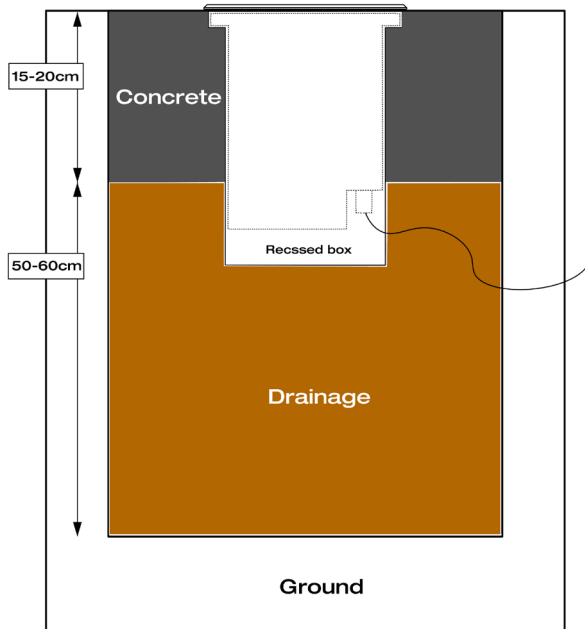
Let the device functioning a few minutes before closing it. The generated heat will help to evaporate any moisture and will avoid the storage of mist under the glass.

**Driver's access in case of maintenance: the 230V 2P+T cable as well as the DMX In and DMX Out cables are connected on the driver on spring terminal.**



## DMX lighting system connection :

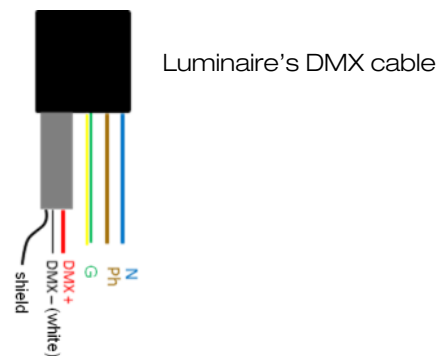
DMX cabling must be carried out with great care. DMX is a serial data protocol and a daisy chain topology should be used. The DMX cable must be connected to the main connection into waterproof boxes.



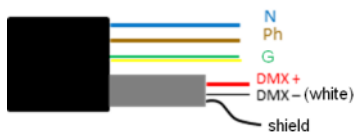
### 230V+DMX hybrid cable:

- Brown: Phase
- Blue: Neutral
- Yellow-green: Ground
- Integrated shielded cable:
  - Red DMX +
  - White DMX -
  - Shield

## Daisy chain topology :



DMX cable



### The wires are connected by colours:

- All 3 blue wires together
- All 3 brown wires together
- All 3 yellow-green wires together
- All 3 red wires together
- All 3 white wires together
- All 3 shields together

DMX cable

