

LOUSS

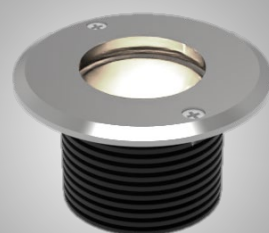
Lighting Emotion



Magmato 40



Magmato 80



Magmato 95



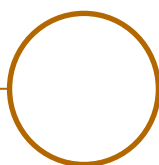
Magmato 200



Magmato 300



Magmato 300-M



MAGMATO





MAGMATO • 40 • 80 • 95 • 200 • 300 • 300-M

Range	Recessed architectural floodlighting		
Description	Aluminum body PVC recessed frame Antitheft screws Stainless steel head and armored glass Magmato 40 : Supplied in Short or Long version		
Dimensions (recessed frame included)	Magmato 40	Magmato 80	Magmato 95
	Head diameter : 40mm Installation diameter : 32mm Total length : 66.55mm (Short version) 92.55mm (Long version) Installation depth : 64mm (Short version) 90mm (Long version)	Head diameter : 77mm Installation diameter : 73mm Installation depth : 120mm	Head diameter : 95.5mm Installation diameter : 95mm Total length : 88mm Installation depth : 83mm
	Magmato 200	Magmato 300 • 300-M	
	Head diameter : 222mm Installation diameter : 212mm Total length : 286mm Installation depth : 280mm	Head diameter : 297mm Installation diameter : 285mm Total length : 355mm Installation depth : 352mm	
Net weight	Magmato 40	Magmato 80	Magmato 95
	-	0.5 kg	0.5 kg
	Magmato 200	Magmato 300	Magmato 300-M
	Static load capacity : 2500kg	7.6 kg Static load capacity : 2500kg	8 to 8.5kg according to version Static load capacity : 2500kg

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



MAGMATO • 40 • 80 • 95 • 200 • 300 • 300-M

LED characteristics	Color temperatures : 2200K – 2700K – 3000K – 4000K – 5000K – 6000K (other color temperatures upon request)	
	Magmato 40	Magmato 80 • Magmato 95
	1 LED - Monochrome	4in1 LED – Monochrome - Twin White - RGBW 600 to 850 lumen at 700mA max. 3 LEDs – Monochrome - Twin White - RGBW 500 to 600 lumen at 700mA max.
	Magmato 200	Magmato 300
	12/18 LEDs – Monochrome 18 LEDs – RGBW - Twin White	18 LEDs - Monochrome 24 LEDs – Twin White - RGBW
		Magmato 300-M 1 to 4 LEDs – Monochrome Or mixing of color temperatures
Optical beams	Magmato 40	Magmato 80
	15° - 35° - 40° - 60° (other upon request)	4° - 6° - 15° - 30° - 40° - 25x50° elliptical (other upon request) or Wall Washer
	Magmato 95	Magmato 200 • Magmato 300
	4in1 LED 6° - 10° - 15° - 25° - 35° - 6°x32° elliptical 3 LEDs 14° - 25° - 30° - 40° - 60° - 18°x36° elliptical	15° - 35° - 40° - 60° - 12°x50° - 18°x36° (other upon request)
		Magmato 300-M 4° - 6° - 15° - 25° - 35° - 40° - 60° - 12°x50° - 18°x36° (other upon request)
Connection	Supplied with 1m cable (more length upon request) Individual or connection in series on external constant current driver	

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



MAGMATO • 40 • 80 • 95 • 200 • 300 • 300-M

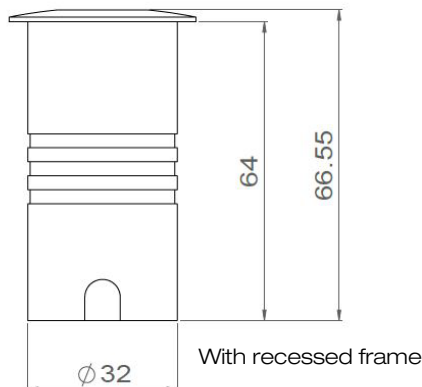
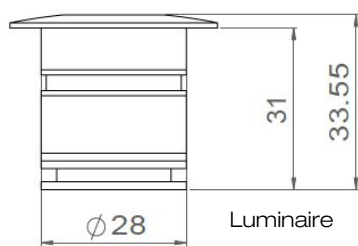
Power supply	Magmato 40	Magmato 80
	Short version 350mA max. external constant current driver Long version 700mA max. external constant current driver or 12-24V integrated power supply	12-24V integrated power supply
	Magmato 95 • 200 • 300	Magmato 300-M
	700mA max. external constant current driver	350mA max. external constant current driver
	For the US & Canada use a UL class 2 driver/power supply	
LED power	Magmato 40	Magmato 80
	Short version : 1.2W at 350mA max. Long version : 2.4W at 700mA max. 1.5W at 12-24V	24V – 7W
	Magmato 95	Magmato 200
	LED 4in1 : 7.7W at 700mA max. 3 LEDs : 7.2W at 700mA max.	12 LEDs : 15W at 350mA max. 18 LEDs RGBW : 29W at 350mA max. 18 LEDs : 33W at 500mA max.
	Magmato 300	Magmato 300-M
	40W at 700mA max.	16W at 350mA max.
Electrical class	Magmato 40 • 80 • 95 : III Magmato 200 • 300 • 300-M : I	
Use limitations	The drivers, if not delivered by LOuss, must be approved before use	
Warranty	Life span: L80B10 at 50,000 hours (80% remaining flux) at 25°C ambient temperature. 3-year parts and labour warranty 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 All products are electrically tested and received a functional burn-in	

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

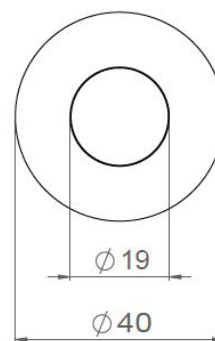
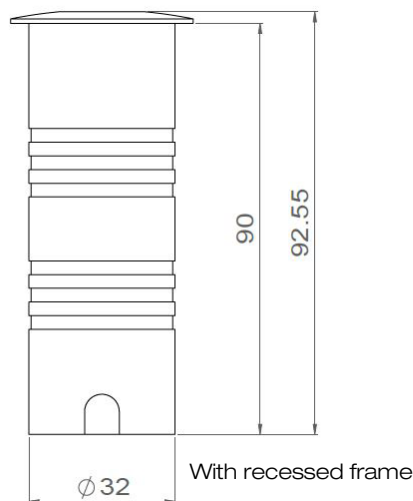
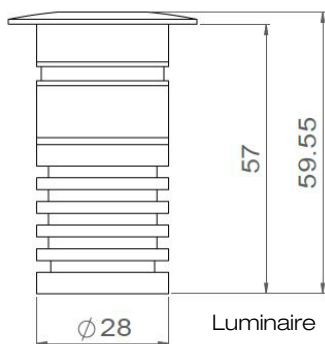


MAGMATO 40

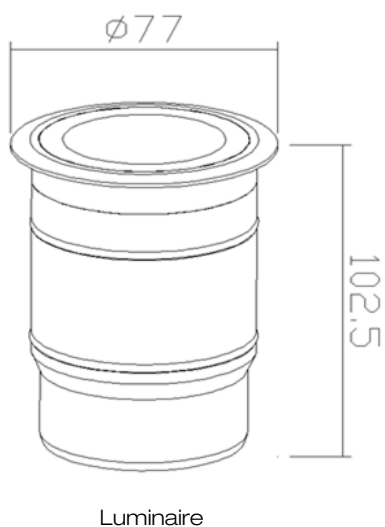
Short version



Long version



MAGMATO 80



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

5/9

LOUSS

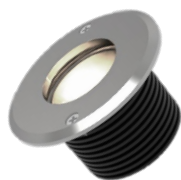
Last update : 2025.07.25

Firalux & LOUSS brands

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

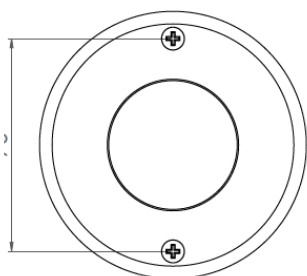
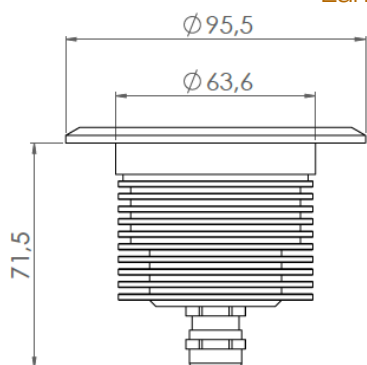
Tel. : +33 380 48 65 68
contact@louss.fr
www.louss.fr
Best group

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

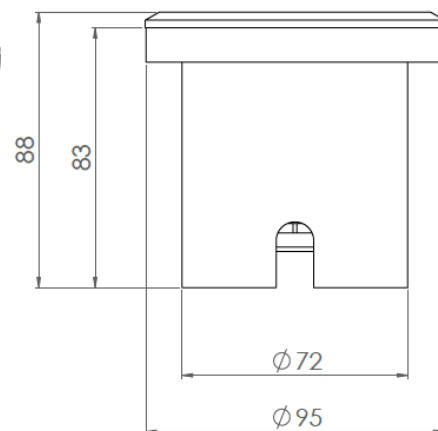


MAGMATO 95

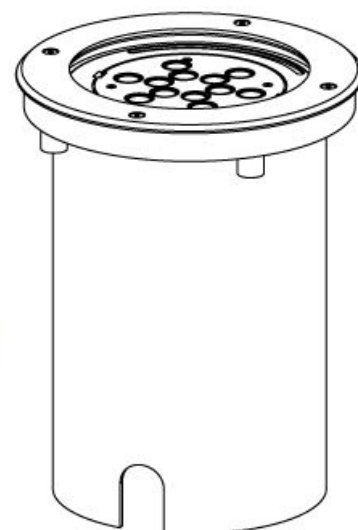
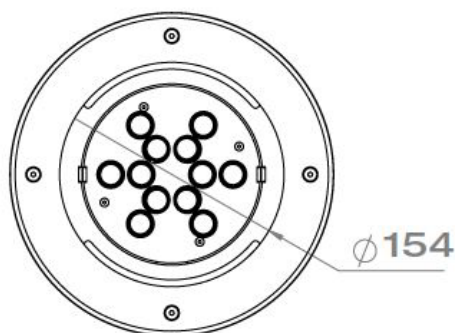
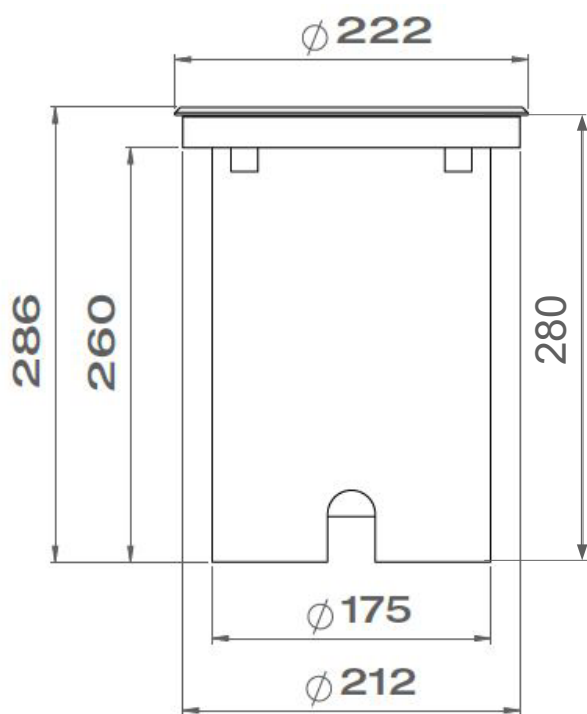
Luminaire



Recessed frame



MAGMATO 200



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

6/9

Louss

Last update : 2025.07.25

Firalux & LOuss brands

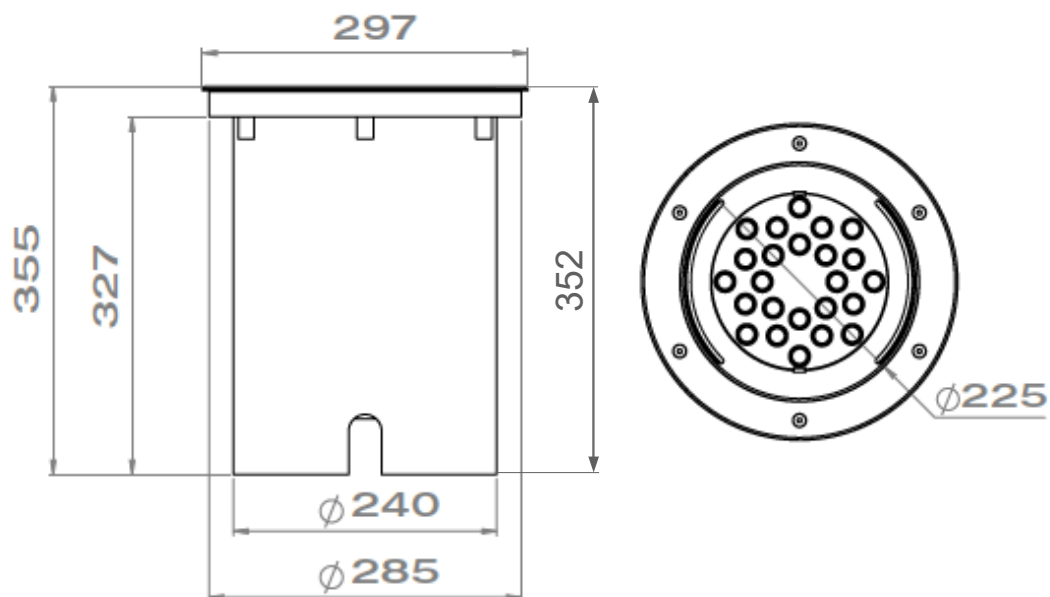
SARL, Capital 40 000€
RCS DIJON B 503 367 245
TVA/VAT n°: FR24 503 367 245
APE 4676Z

Tel. : +33 380 48 65 68
contact@louss.fr
www.louss.fr
Best group

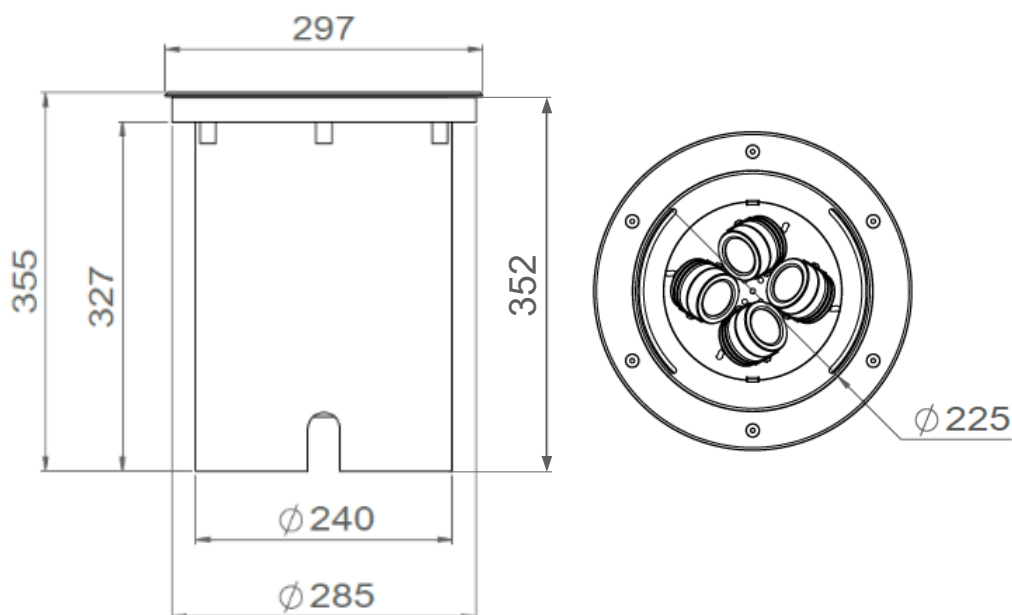
Siège social / Head Office
PA Les Terres d'Or
Route de Saint Philibert
21220 Gevrey Chambertin - FRANCE



MAGMATO 300



MAGMATO 300-M



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

7/9

Louss

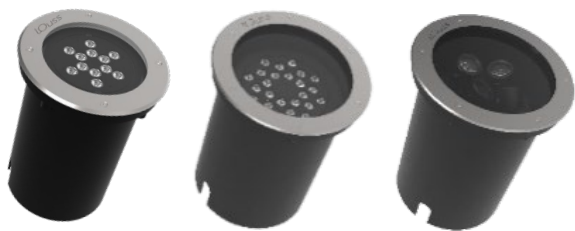
Last update : 2025.07.25

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
Best group

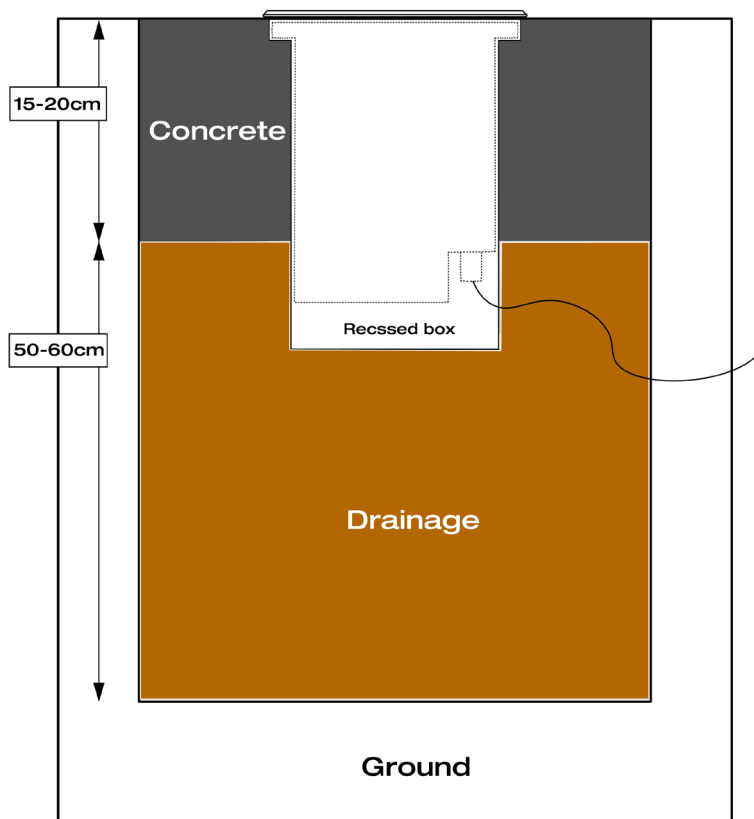
Siège social / Head Office
PA Les Terres d'Or
Route de Saint Philibert
21220 Gevrey Chambertin - FRANCE



MAGMATO 200 • 300 • 300-M

Installation – Safety:

- It is imperative to plan a drainage of the gravel during the installation of Magmato 200, 300 & 300-M
 - Plan a bigger recess than the diameter of the delivered recessed frame.
 - 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.

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

8/9

Louss

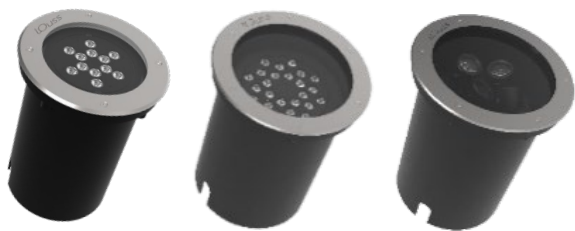
Last update : 2025.07.25

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
Best group

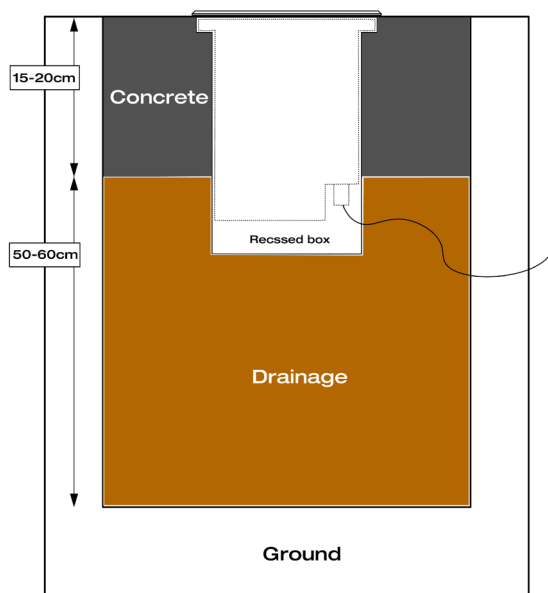
Siège social / Head Office
PA Les Terres d'Or
Route de Saint Philibert
21220 Gevrey Chambertin - FRANCE



MAGMATO 200 • 300 • 300-M

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 framees (plexo frame, gel frame, etc.)
- The waterproof framees are placed under the luminaire or in a remote manhole (in the latter case, the length of cable leaving the luminaire must be specified)



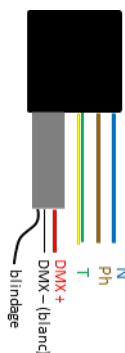
230V+DMX hybrid cable:

Brown : Phase
Blue : Neutral
Yellow-green : Ground

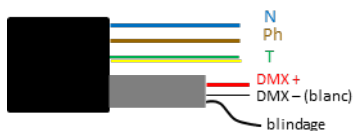
Integrated shielded cable:

Red DMX +
White DMX -
Shield

DMX connection with daisy chain topology



DMX cable IN



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 OUT

