

LOUSS

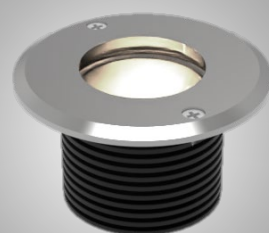
Lighting Emotion



Magmato 40



Magmato 80



Magmato 95



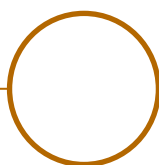
Magmato 200



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.

Last update : 2025.07.25



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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	

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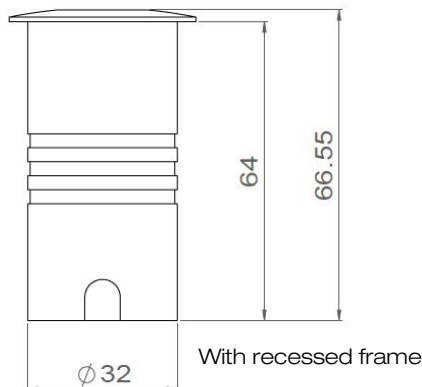
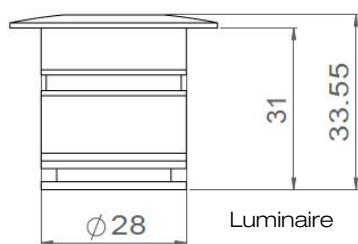
Power supply	Magmato 40	Magmato 80
	Short version 350mA max. external constant current driver Long version 700mA max. external constant current driver or 12-24V integrated power supply	12-24V integrated power supply
	Magmato 95 • 200 • 300	Magmato 300-M
	700mA max. external constant current driver	350mA 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	

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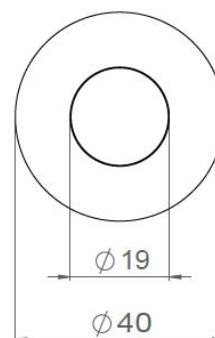
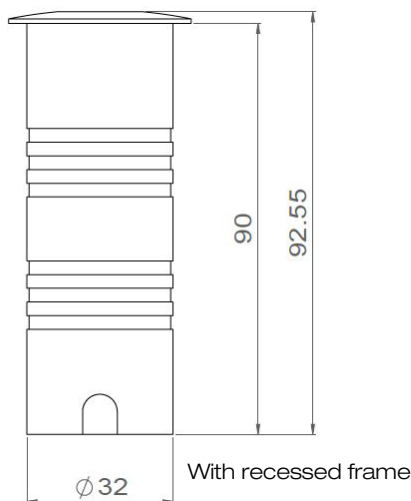
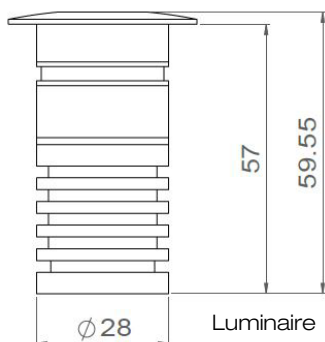


MAGMATO 40

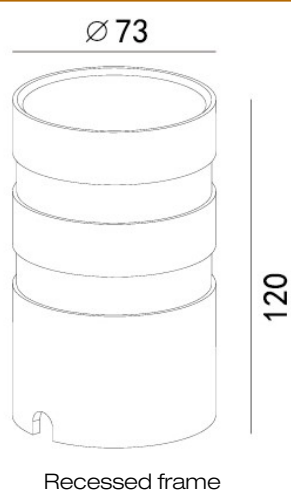
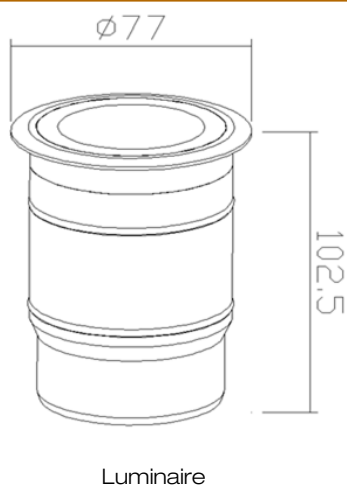
Short version



Long version



MAGMATO 80



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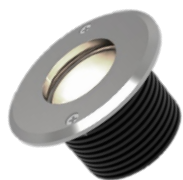
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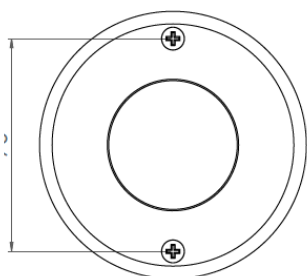
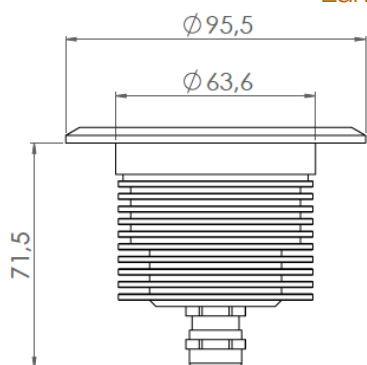
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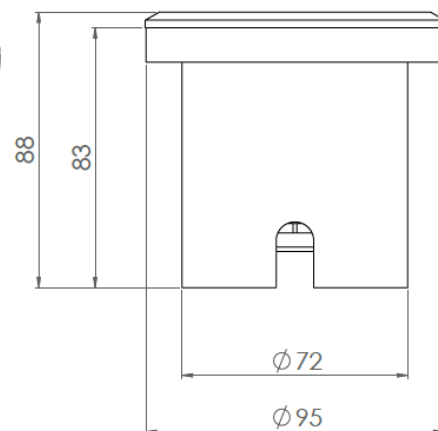


MAGMATO 95

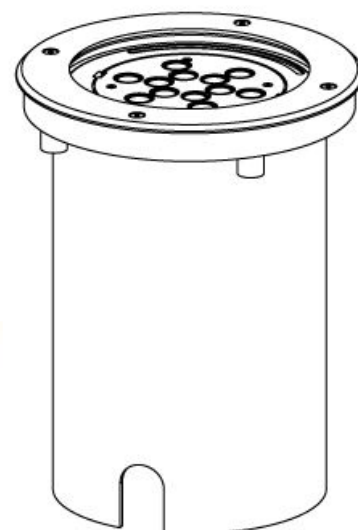
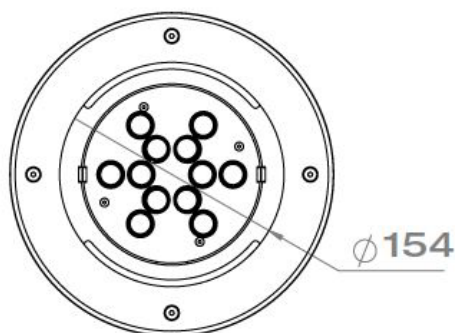
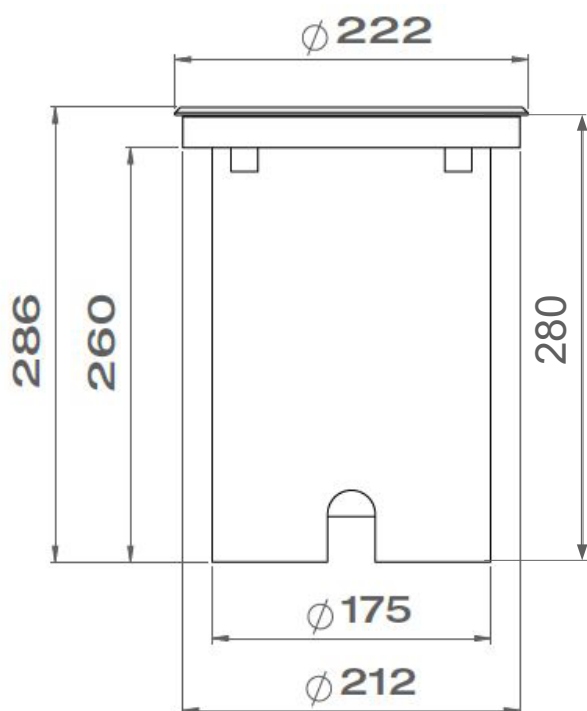
Luminaire



Recessed frame



MAGMATO 200



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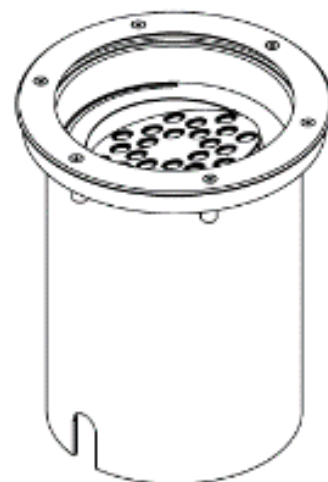
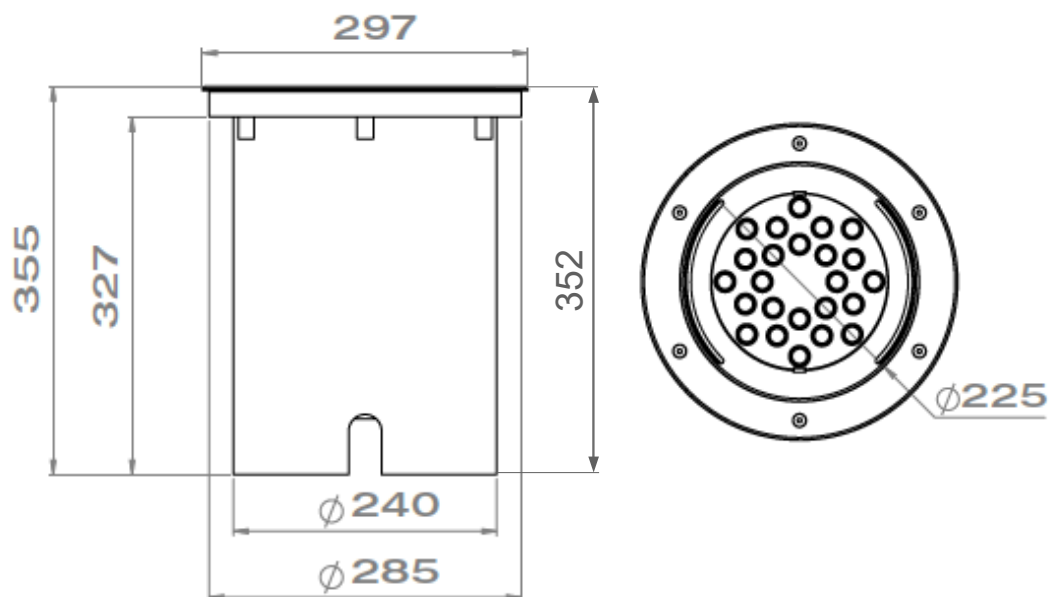
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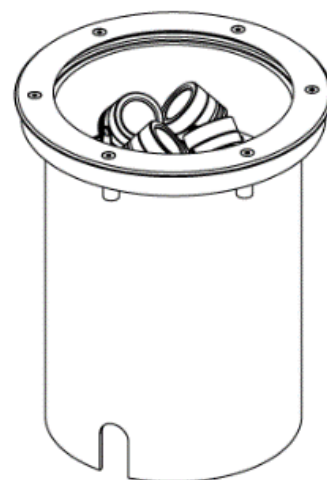
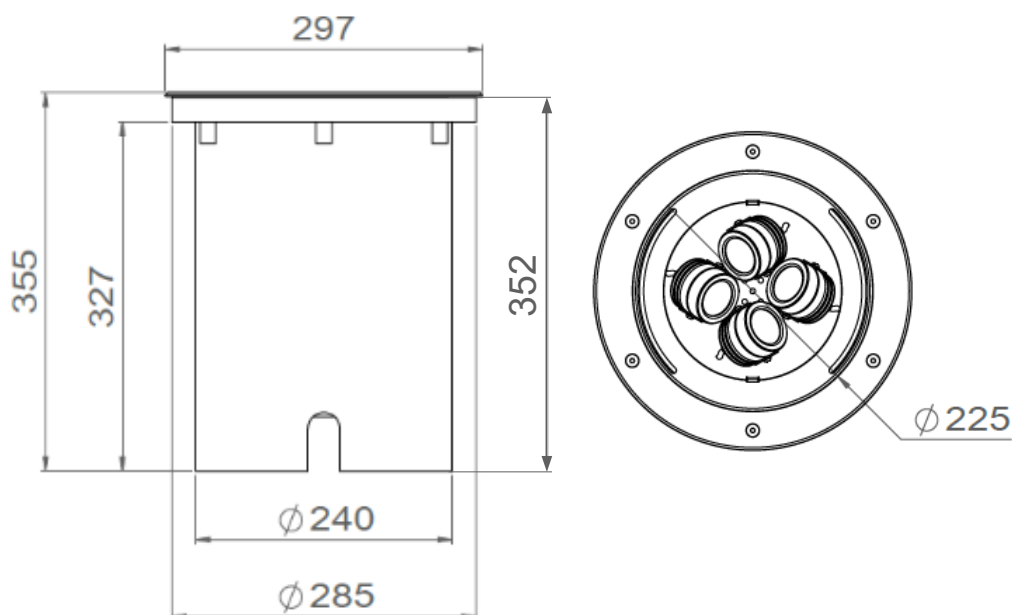
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MAGMATO 300



MAGMATO 300-M



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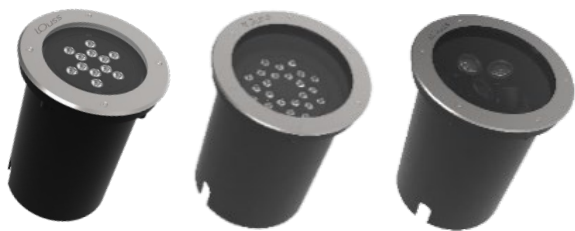
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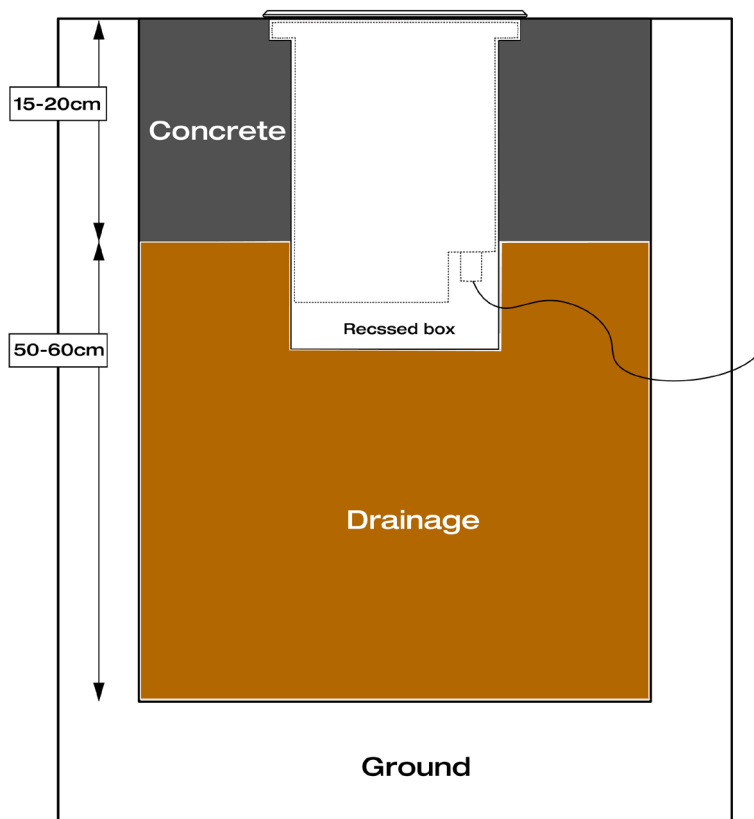
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MAGMATO 200 • 300 • 300-M

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.*

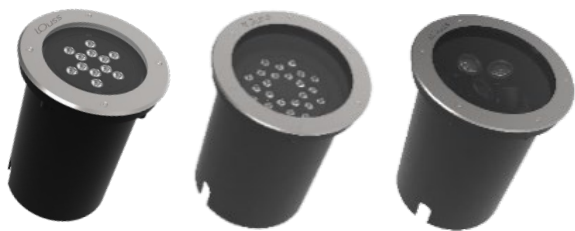


Maintenance :

- 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.

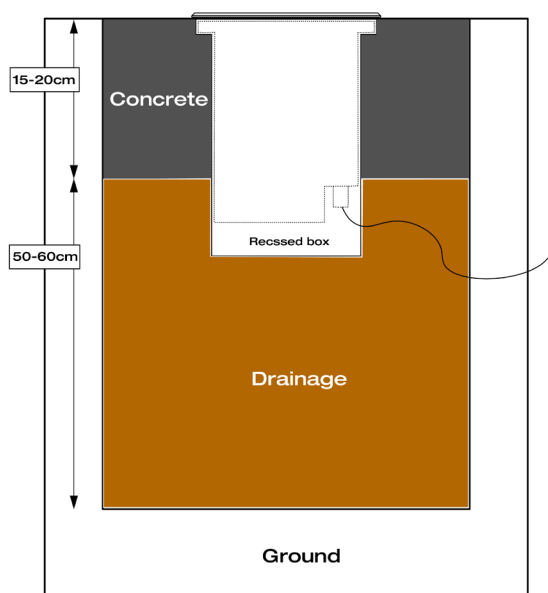
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MAGMATO 200 • 300 • 300-M

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)



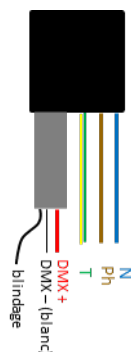
230V+DMX hybrid cable:

Brown : Phase
Blue : Neutral
Yellow-green : Ground

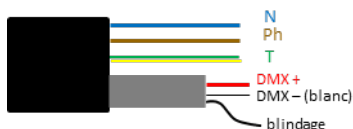
Integrated shielded cable:

Red DMX +
White DMX -
Shield

DMX connection with daisy chain topology



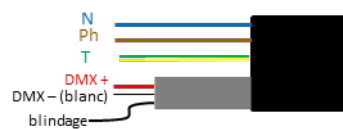
DMX cable IN



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



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