

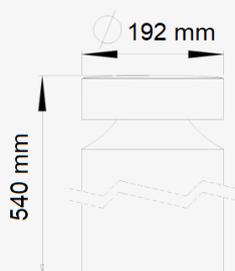
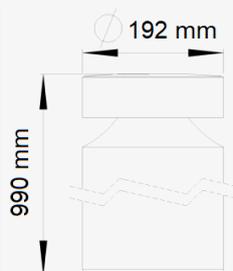
MARBLE BOLLARD

220-240V AC 50/60Hz

REFLED TECHNOLOGY

The Marbele Bollard series was designed using modern simulation methods in order to obtain the highest product quality.

- based on CREE® LEDs
- IP65
- Enhanced Mechanical Protection
- made of natural Marbell stone
- 20W
- 5-year warranty



COMFORT
white



Effective Lumen Output*	1000 lm
CRI / Ra	80
Light Color Tolerance [SDCM]	<3
Light Disribution	Wide distribution 360°
Light Surce	LED
Flux Tolerance	±10
Nominal Voltage	220-240V AC 50/60Hz
Power Supply	inside the luminaire
Power Consumption	20 W
Operating Temperature	-30°C ÷ +55°C
Dimensions	Ø192 x 990/540 mm
Cable Type	H05RN-F 3G1
Cable Length	0.5 m
IP Rating	IP 65
IK Rating	IK 10
Protection Class	I
Dimming	ON-OFF
Lifetime**	≥ 65 000 h
Front Shape	Round
Front Material	Marbel & Glass
Body Material	Marbel
Weight	29,95 kg

* Source performance in real life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 5%.

** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 80% of initial light output) and other electronic components

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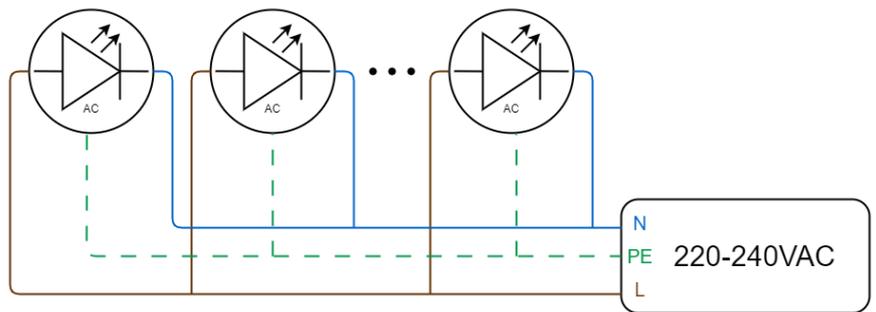


The Niviss Bollard fixture can be used for lighting many places and objects such as:

- Parks
- Gardens
- Exterior paths
- Squares
- Premises
- Villas
- Palaces

ELECTRICAL INSTALLATION

Connecting to the power supply should be done when the power supply is off.



ORDER CODE FORMAT

	POWER		360- FWMH ANGLE		MB - MARBLE MATERIAL OF THE FRONT / BODY		CB - power cable CONNECTION TYPE
MBOLLARD	20 -	WW -	360 -	RD -	MB -	HV -	CB
FAMILY		COLOUR VERSION		FRONT PLATE RD - round		TYPE OF POWER SUPPLY HV - High Voltage (220-240V AC 50/60Hz)	

GENERAL TERMS OF USE

- Before using a luminaire, make sure what voltage range it is designed to.
- Connecting to the power supply should be done when the power supply is off.
- Use appropriate sockets and plugs: Ensure that your electrical sockets and plugs are compatible with the lamp's voltage and plug type.
- Use appropriate wiring for luminaires.
- Avoid overloading electrical circuits by not connecting too many lamps to a single outlet or circuit. Check the condition of the power cord and plug for any signs of damage or wear.
- Pay attention to the correct polarity when connecting the luminaires. Incorrect polarity may prevent the luminaires from functioning properly or could potentially damage them.
- Installation of the luminaires should be done by qualified person.
- Keep your luminaires clean and free from dust and debris, as it can affect their performance.
- Follow the luminaire connection diagram above.
- Avoid direct exposure of bright light sources to your eyes. Position luminaires in a way that minimizes direct glare or uncomfortable brightness.
- Ensure that the luminaire is placed on a stable surface and kept away from flammable materials. Allow sufficient clearance around the luminaire to prevent overheating.
- Keep away from fire.

Niviss is not responsible for any damage or failure due to not comply with above rules. Otherwise, the complaint will not be taken into account.

ENVIRONMENTAL CAUTION!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.