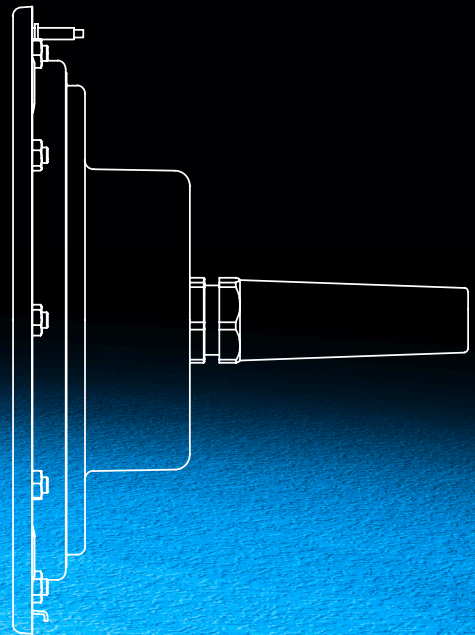
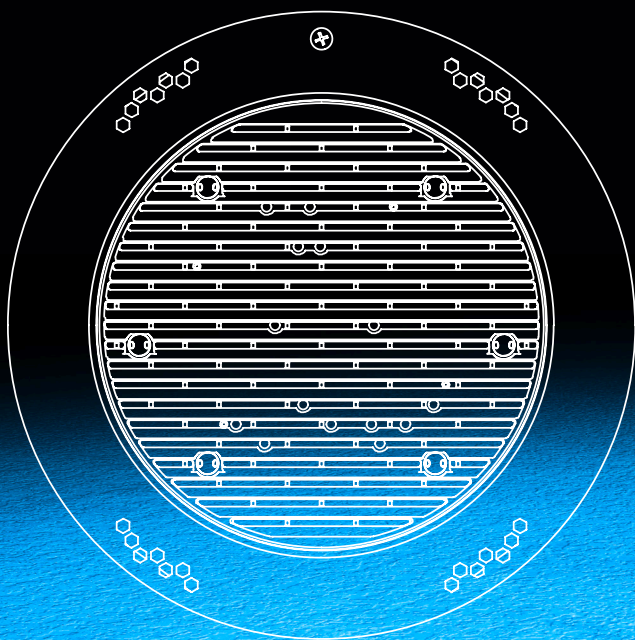


BLUE MAR
NOVA[®]

Nova Bright White Light



BLUE MAR
BASINS[®]



Nova Bright White Light



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Original manual. This manual belongs with the unit and must always be passed on together with the unit.

Safety Information

Electrical connection

- Special regulations apply for electrical installation in pools. Only a qualified electrician may perform the electrical installation.
 - The qualified electrician has the necessary professional training, knowledge and experience to perform electrical installation in pools. The electrician can detect potential dangers and knows how to adhere to regional and national standards, regulations and directives.
 - For your own safety, please consult a qualified electrician.
- Only connect the unit with an approved power supply by Blue Mar Basins.
- Protect the wired connection from moisture.

Safe operation

- Do not use the unit if electrical lines or the housing are damaged.
- Dispose of the unit if its power connection cable is damaged. The connection cable cannot be replaced.
- Do not carry or pull the unit by its cable.
- Never carry out technical changes to the unit.
- Only carry out work on the unit that is described in this manual.
- Do not stare into the light directly or for a long time.

Intended Use

Only use the product described in this manual as follows:

- For use mounted in a Niche under water
- While adhering to the technical specifications as outlined in this document

The following restrictions apply to the unit:

- Only use in conjunction with equipment as approved by Blue Mar Basins.
- Do not direct the lights at people's eyes.

Properties

This powerful LED light is designed for underwater installation in an approved niche. It is designed primarily for brightness.

- Housing is made of stainless steel, therefore, it is suitable for use in salt water and water containing chlorine.
- Long operating life of the LEDs due to monitoring of the operating temperature and moisture. If the spotlight heats up excessively, the light flux is steadily reduced.

LEDs (light emitting diodes) create a 4300K white. In addition to monitoring internal humidity, an integrated sensor monitors the operating temperature and reduces the light output if the spotlight heats up excessively. This increases the operating life of the LEDs.

Symbols on the unit

The unit is dust-tight and water-tight down to 3m

Read the operating instructions

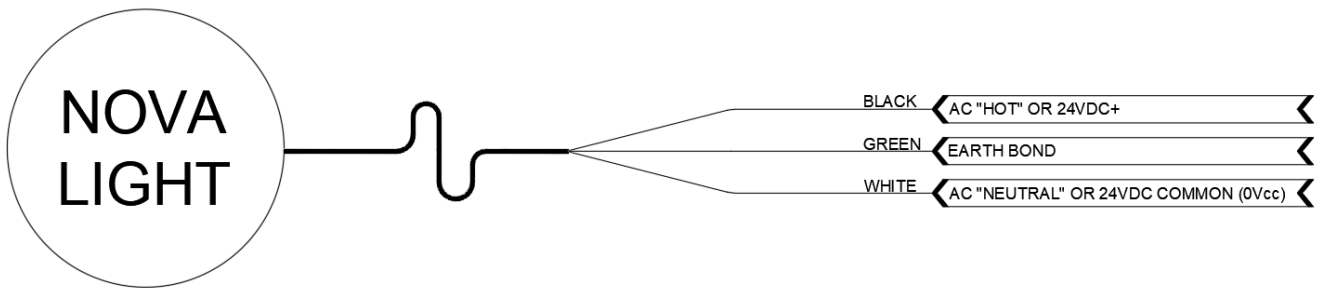
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Installation

System wiring diagram

The illustration shows an example of a lighting system. Variations are possible.

- Only connect the LED light to components with compatible connections as approved by Blue Mar Basins



Connecting Super Novas

Note the following:

- Do not exceed the maximum connected power rating of the Nova
- Adhere to the maximum cable length per connection in order to limit the voltage drop.
 - An excessive voltage drop can lead to malfunctions and/or permanent damage
- Only use originally installed cables – do not splice

Power supply

Blue Mar Basins power supplies should be used unless prior written permission from Blue Mar Basins is obtained.

- Output voltage: 24 V DC
- Residual ripple: Max. 5 %

Maintenance and cleaning

Cleaning the device

- Clean all components with clean water and a soft brush.
- Never clean the device using a pressure washer.

Storage/winter protection

If the ambient temperature leaves the permissible temperature range uninstall the unit.

In case of extreme frost or ice loading, uninstall the unit. Thoroughly clean and check the unit for damage.

Troubleshooting

Issue	Possible Cause	Troubleshoot Procedure
Nova does not light up	No supply voltage	<ul style="list-style-type: none"> • Check all cables and connections • Ensure LVLC's are on (where applicable) • Ensure breaker in junction box is on (where applicable)
	Light is not connected	<ul style="list-style-type: none"> • Connect light
	Light is defective	<ul style="list-style-type: none"> • Have light repaired by manufacturer
	Light overheated	<ul style="list-style-type: none"> • No measure necessary – when light is removed from pool it may overheat and will flash to alert it is about to power off due to overheating
Low luminous intensity	Light glass dirty	<ul style="list-style-type: none"> • Clean glass
	Damaged LED's	<ul style="list-style-type: none"> • Have light repaired
Light Flashes	Light overheated	<ul style="list-style-type: none"> • No measure necessary – When light is removed from pool it may overheat and will flash to alert it is about to power off due to overheating
	Water intrusion due to physical damage	<ul style="list-style-type: none"> • Have light repaired

Technical Data

Rated Voltage	V DC	24
Power Consumption	W	96
Light Current, total (white)	lm	9,841
Color Temperature (white)	K	4300
Protection Class		IP68
Max Submersion Depth	Ft / m	9.8 / 3
Permissible ambient temp.	°F	40°F - 100°F
Storage temperature	°F	0°F - 150°F
Light Weight	Lb	7
Cable Length	Ft/m	150 / 45
Part Number		BMB.PL.96W.W-150.3C

Repair

The unit may only be repaired by Blue Mar Basins. Send the unit to Blue Mar Basins. Any repairs performed on site and/or not in a climate controlled environment void any warranty.

Disposal

Do not dispose of this unit with household waste.

- Return light to Blue Mar Basins
- Should you not be able to return the light and have questions, please contact your local disposal company. They will give you information on how to correctly dispose of the unit.