

INTELLIVIBE™ POOL LIGHTING SYSTEM: FREQUENTLY ASKED QUESTIONS (FAQ) - HOMEOWNERS

Engineering & Design:

- 1. Do the IntelliVibe lights produce white light with white LEDs or by mixing RGB (red, green, blue) LEDs?**

The IntelliVibe luminaires contain RGBW (red, green, blue, and white) LEDs (like MicroBrite® LED Lights). When the user selects a shade of white on the white slider, the light emitted is mostly driven by the white LED with the red, green, and blue channels energized just enough to achieve the desired color-temperature from cool to warm white.

- 2. Can the IntelliVibe luminaires operate without the IntelliVibe Controller?**

The IntelliVibe Nano, Micro, and Mezzo Pool Lights will not function without being wired to the IntelliVibe Controller. They must be connected to one of the four physical outputs of the IntelliVibe Controller, either directly or via a junction box. An IntelliVibe luminaire wired directly to a transformer will not operate.

- 3. Can the IntelliVibe Controller operate any legacy Pentair lights or competitor lights?**
No.

- 4. Are there plans to make the IntelliBrite® Architectural Series Pool & Spa Lights compatible with the IntelliVibe Controller?**

The IntelliVibe lights will launch with three luminaires: Nano, Micro, and Mezzo. There is not currently an IntelliVibe-compatible large niche light.

- 5. Can there be multiple controllers for any given IntelliCenter® Pool Control System?**

Yes! Multiple controllers and multiple IntelliVibe systems can be installed and used concurrently. They will show up as different tiles on the Pentair Pool app and are controlled separately. Do the niches for the IntelliVibe Nano Light come with the light or are they sold separately?

There are three different niches for the Nano light to accommodate gunite, fiberglass, and vinyl liner pool construction. Therefore, Nano niches are purchased separately from the Nano lights. Check out the full specifications [online](#).

- 6. Are there any conduit specifications for the Nano light in underwater applications?**

The recommended length is a 1-inch rigid electrical rated conduit.

- 7. Has Pentair tested the performance of the IntelliVibe Controller when powered with non-Pentair transformers?**

It is recommended that the IntelliVibe Controller be powered with a Pentair transformer for the best user experience. Always follow manufacturer warnings and instructions.

Features:

8. How many zones can be independently controlled?

The IntelliVibe Controller can be wired to control up to **four** independent zones. There are four physical outputs on the controller. Each output can be assigned to a zone when configuring the IntelliVibe lights. Multiple outputs can be assigned to a single zone. Lights wired to a single output cannot be assigned to different zones.

9. Can the zones be named? Are they editable?

The zones can be renamed — up to 20 characters — to whatever the user wants.

10. Can a user make a custom color show?

There are 12 dazzling color shows included with the IntelliVibe System (the five most popular legacy shows and seven new shows). Users cannot create custom color shows at this time. **Do the color shows sync to start at the same time across zones?**

Color shows are synchronized in any zones running the same color show. For example, a user activates Stormy Night in all zones, then sets zones 2 and 3 to single color (zones 1 and 4 still running Stormy Night). If the user then switches zones 2 and 3 back to Stormy Night, all four zones will be synchronized. Note: when adding zones to an already-running color show, the color show starts from the beginning.

11. Do all the colors match across all three light types (Micro, Nano, Mezzo)?

The IntelliVibe Nano, Micro, and Mezzo lights all use the same LEDs in RGBW clusters to optimize matching colors across light type.

12. How many different colors can IntelliVibe lights produce?

The IntelliVibe system is capable of 15 million different combinations of red, green, and blue lights, or 15 million different colors.

13. Will Pentair offer other water features with the IntelliVibe System?

The IntelliVibe system will launch with the three luminaires Mezzo, Micro, and Nano. The Micro light can be retrofitted into ColorVision® Bubblers. **Does the IntelliVibe Controller have an external Wi-Fi antenna?**

No, the IntelliVibe Controller does not have an external antenna.

14. What size are the Nano lights? Can they be installed directly into a conduit?

The diameter of the Nano light is one inch. For proper installation, they should be installed in the Nano niches designed for each pool type.

User Experience:

15. Can the IntelliVibe luminaires be mixed with Pentair's legacy lights (MicroBrite, GloBrite, and IntelliBrite Lights) in the same pool?

It is highly discouraged to have a mixture of IntelliVibe and legacy lights installed on the same pool. They would have to operate independently as two separate systems. The IntelliVibe system could match the preset colors (red, green, blue) of legacy lights, but the legacy lights cannot match the millions of possible colors of the IntelliVibe system. The user experience would not be good.

16. Is there any way to turn on the lights if the Wi-Fi or internet goes out?

The controller has a single ON/OFF switch that can be used to power on the lights in their

last configuration. All other functionality (changing colors, dimming, schedules, zone control, zone configuration, etc.) is done through the Pentair Pool app.

17. What can be controlled by an IntelliCenter system?

All control of the IntelliVibe system is done through the Pentair Pool app except for local operation of the power button on the Controller for on/off control. More information on the full IntelliCenter Pool Control System can be found at www.pentair.com/intellicenter.

18. How does the IntelliVibe lights show up on the Pentair Pool app?

Similar to other pool pad equipment, the IntelliVibe system has its own tile on the Pentair Pool app. It is visible in the POOLS menu on the “Pool Devices” tab on the dashboard.

19. If the light color changes while running a schedule or timer, does it reset the timer or affect the schedule?

No, manually changing the color does not change schedule setpoints, reset a timer, or initiate a new timer.

20. What is the warranty?

Two years parts and labor warranty with product registration. If bundled with a pump and a filter, the warranty is extended to three years (for the pump, filter, and IntelliVibe system). For terms and conditions regarding warranty coverage and additional information, check out www.pentair.com/warranty.

—