

DMX

MAY 2026



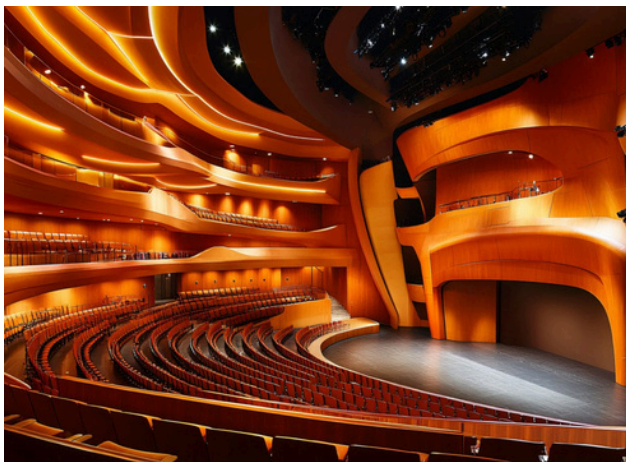
 Liteline

WHAT IS DMX?

Imagine being able to control every single light in a room, its brightness, color, and warmth, independently, instantly, and with total precision. That's DMX.

DMX is a hardwired control protocol that started in the entertainment world, from concert stages to Broadway shows to stadium lighting. Unlike wireless systems, it runs on a dedicated physical connection, which means no interference, no latency, and no dropped signals. It's the reason a lighting operator can push one button and shift an entire arena from deep blue to warm amber in seconds, reliably, every time.

Now, that same professional-grade precision is coming to architectural spaces.



LITELINE & DMX CONTROL

Liteline supports DMX control across our high-performance point source downlighting, track, and pendant families. Bringing professional-grade color and control to the fixtures specifiers already love.

We didn't stop at compatibility. We engineered our own constant current decoder specifically for our lineup, and it changes what's possible.

Most DMX decoders in the market operate on a maximum of four channels. Liteline's constant current decoder runs five dedicated channels: red, green, blue, warm/cool white mixing, and dimming intensity independently. That last distinction matters. By separating color mixing from dimming intensity into dedicated independent channels, our decoder prevents COB overcurrent, optimizes performance, and delivers a true tunable white range alongside full RGB color, something a standard 4-channel system cannot do.

The result is smooth, accurate dimming and color across the full spectrum, with the kind of precision that makes a space look and feel exactly the way it was intended.

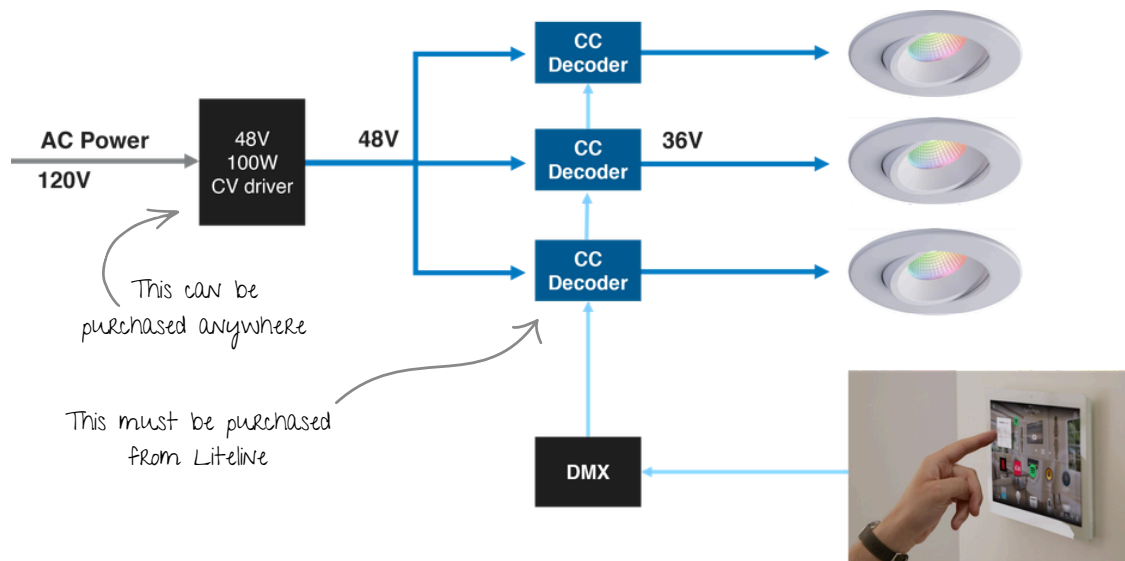
HOW IT WORKS

DMX is a conversation between your control system and your fixtures. The control system sends instructions, and every fixture in the system listens for its specific command and responds instantly, reliably, and exactly as programmed.

Each fixture is assigned a unique address, like a seat number, so it knows which instructions belong to it. The Liteline constant current decoder sits between the driver and the fixture, receiving the DMX signal and translating it into precise instructions for each of the five channels, telling red, green, blue, warm white, and cool white exactly what to do, and at exactly the right intensity.

Wiring stays straightforward too. Liteline decoders daisy-chain on the same DMX control loop, meaning one signal runs from the controller through each decoder in sequence. Each decoder still has its own unique address, so every fixture remains independently controllable across all five channels.

See the diagram below for a full picture of how the system connects and communicates.



COMPATIBLE CONTROL SYSTEMS

DMX is the industry standard for a reason. Our fixtures integrate seamlessly with all major control systems, no workarounds, no compatibility concerns. If the system speaks DMX, Liteline is ready.

Compatible with all standard DMX control systems, including but not limited to:



FULL COLOR FIXTURES

Full RGBTW color control through Liteline's five-channel constant current decoder. Independent control over red, green, blue, white tuning, and intensity in a single compact light source.



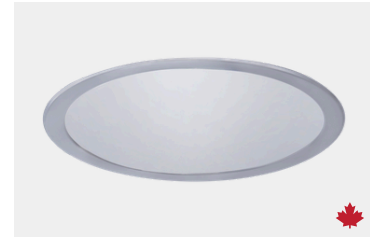
DINE Recessed

Designed to elevate visual comfort in hospitality environments with tight beam control and precise dimming.



HELIOS 3"

The ultimate control with horizontal and vertical adjustment, 360° rotation, and millwork solutions.



GENESIS

GENESIS is our most powerful downlight, perfect for high ceiling commercial lighting with field changeable optics.



LUNA 4"

The first wet-location rated adjustable downlight, bringing flexibility and style to residential and light commercial spaces.



LUNA PRO 3.5"

Delivers flexible full color performance for light commercial and high-ceiling residential spaces, with selectable wattage and lumen output.



SKYE

Versatile full color downlight with interchangeable trims, delivering even illumination across projects.



GENESIS CYLINDERS

Brings the same high-performance light and clean style from GENESIS now in surface, wall, and pendant mounting options for any commercial space.



PEGA

A sleek and low voltage fixture, best used for accent or general illumination in residential, retail and commercial applications. Available in surface mount & suspended.



VELA

A recessed linear light with high diffusion and powerful output, available in multiple color and control options for flexible residential, retail, and commercial applications.

Look for the  to find Canadian-made products.

FULL COLOR FIXTURES



FLEX

This versatile family is designed for spaces that demand a cohesive look across multiple mounting configurations. With field-changeable optics and full RGBTW color control, FLEX provides precise lighting with an elevated design that can be incorporated across applications.

What sets FLEX apart is that the constant current decoder is integrated inside each fixture body, meaning every head on the track can be individually addressed and controlled. Independent color, white tuning, and intensity at every point on the track.

Now Compatible with DMX:



MONOPOINT



FLUSHMOUNT



TRACK



PENDANT



TRACK PENDANT



WALL SCENCE



DUAL HEAD

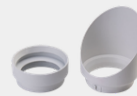
ACCESSORIES



EXTENDER



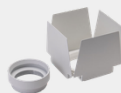
HONEYCOMB



OVAL SNOOT



SNOOT



BARN DOOR



LINEAR SPREAD LENS



SOFTENING LENS

TUNABLE WHITE FIXTURES

These fixtures bring DMX control to white light, with two dedicated channels for white tuning and intensity, giving you precise, smooth transitions across the full color temperature range.



SIGMA 2

Compact, best-in-class fixtures with multiple trims, beam angles, optics, and styles. Ideal for residential and small commercial projects.



SIGMA COMMERCIAL

High-output fixtures with larger apertures, trims, optics, and styles designed for high-ceiling commercial spaces.



Look for the  to find Canadian-made products.

STATIC WHITE DIMMING FIXTURES



Bring your static white fixtures onto the same DMX control system for a unified, fully integrated lighting experience.



MICROLED & MICROPOT

Compact, low-profile luminaires that deliver layered, intentional light. Ideal for undercabinet, cove, display, and recessed applications, they add warmth, depth, and a subtle glow.



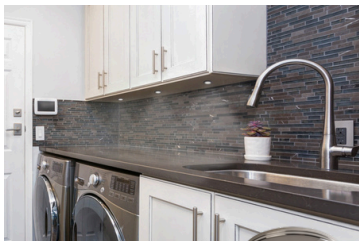
SIRIUS

Delivers flexible performance for light commercial and high-ceiling residential spaces, with selectable wattage, lumen output, and CCT.



KLICK

A modular and linear track lighting system that can be used to create unique and flexible shapes using seamless corner integration, allowing for rectilinear designs on any plane.



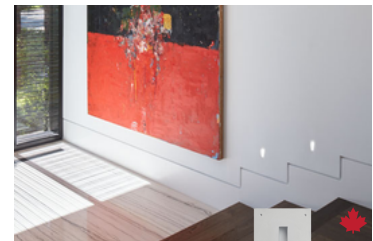
SLIMLED PUCK

With its ultra-low profile design, this discreet puck light is perfect for millwork, undercabinet, and other high-vibration applications where clean, reliable illumination is needed.



MOON PUCK

This asymmetric puck light doubles as a wall wash for undercabinet and millwork, or mounts in-wall to softly illuminate stairs and pathways.



FOSSIL

More than a step light, this trimless plaster fixture mudds into drywall for a clean, nearly invisible finish. Available in four shapes, it provides subtle point-source lighting to guide halls and stairs with ease.

