



HOT PRODUCT ALERT: nPWDMX



nLight networked lighting controls platform has added DMX512 control with the nLight Snapshot Controller. The nLight Snapshot leverages the power of nLight with DMX512 control from Pathway Connectivity Solutions® for a simple and unified solution.

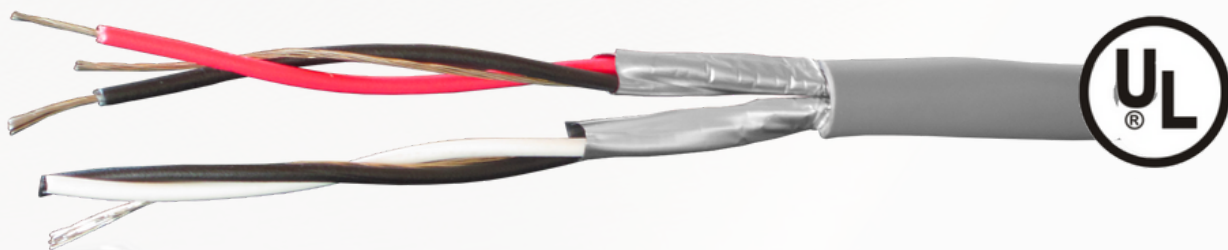
The nLight Snapshot Controller is the gateway linking nLight controls and DMX512 products, enabling easy, bi-directional communication between DMX and nLight. Through this device, nLight Wired controls (i.e., wall switches or sensors) can directly control theatrical DMX lights, and the DMX lighting control console can dim or turn off the nLight controlled lights or initiate scenes.

Features:

- Ability for nLight to trigger up to sixteen DMX snapshots RGBx and cafetorium applications
- Any DMX control console the ability to control nLight Wired devices
- Determines the priority of commands, nLight or DMX, based on sequence of operations
- Secure Pathway DMX Networking, California Title 1.81.26 compliant

Add the nLight ECLYPSE™ to trigger a scene that includes one of the 16 outputs (DMX snapshots) to illuminate an RGBx interior space or outside façade. Also, the nLight ECLYPSE allows for building management system (BMS) integration to seamlessly change the colors.

[Click Here for Additional Resources](#)

**!! ESTA STANDARD CABLE OPTIONS NOW AVAILABLE !!**

Dynamic Lighting is definitely trending and with the new nPWDMX release and additional DMX lighting and controls taking storm, it's important to make sure you have a cable set that can handle this digital communication.

THE NUMBER ONE ISSUE with DMX Installations are cable issues. DMX systems require data communication that follows E1.11-2004 — Entertainment Technology - USITT DMX512-A. This standard has specific requirements regarding housing, shielding, and gauge, while taking timing requirements into account. When the wrong cable is used, noise is introduced to this system which can wreak havoc on the lighting. DMX runs at 250 Kbaud (bits per second), and up to 512 control channels can be sent along the wire, with each control channel carrying a value from 0 to 255. That is a lot of data which is why we need to take care in using ESTA Standard cable for these systems.

Category cable is also acceptable for some installations, however, it has a maximum limitation of 328' compared to DMX cables 1000' limitation with RDM (bidirectional) communication capabilities. When the job calls for greater distances, this special cable comes in handy.

sixteen5hundred has partnered with TMB Architectural to provide top quality cable choices, as well as Control interfaces and Dynamic fixtures. "TMB offers innovative products and reliable service to Architectural Lighting and Entertainment Production professionals worldwide. Formed in 1983 as the first one-stop supply network for concert touring technology, from there expanding into theatre, TV, film", and permanent installation..*

The following cable types are available and spec sheets, resources, and more can be found at tmbarchitectural.com

PC224T — 2-pair DMX/AES, Outdoor
PC224TW — 2-pair DMX/AES, Outdoor, White
PC224WL — 2-pair DMX/AES, Submersible
PC244T — DMX, Conduit
PC244TP — DMX, Plenum NORTH AMERICA ONLY
PCLP1PT — Arch Node LV 1-pair
PCLP2PT — Arch Node LV 2-pair
PC242LSZH — DMX, 1-pair, Low Smoke Zero Halogen EU ONLY

ProPlex®
tmb

The World's Most Trusted Data Cables are now available at sixteen5hundred!

***tmbarchitectural.com**



IOTA EMERGENCY REFERENCE CHART

Updated IOTA® Emergency Lumen Reference Chart Now Available!

The IOTA Lumen Reference Chart is a quick reference resource to help you select the IOTA ILB constant power emergency driver that best matches your application and lumen output preferences.



The IOTA® Constant Power Lumen Reference Chart is an easy way to see the available emergency lumen options available for your application - simply select your luminaire's appropriate efficacy level and cross-reference it with your desired emergency lumen output to find the different IOTA ILB CP emergency driver wattage offerings. Now updated to include the latest IOTA emergency driver models and options!

The constant power design of ILB CP Emergency Drivers delivers key emergency lighting advantages. First, since constant power performance means you know exactly the wattage delivered to the LEDs, there is no guess work in calculating the lumen levels for your path of egress. Second, emergency lumen output remains constant for the full emergency runtime, ensuring your egress lighting maintains the required foot-candle levels at the end of the 90 minutes dictated by Life Safety Code!

[Download the updated Constant Power Lumen Reference Chart here!](#)



NEW HPL RECESSED SOLUTION FOR HEALTHCARE



Healthcare Lighting introduces the HPL recessed solution for healthcare spaces. This fixture is suitable for several healthcare areas including patient rooms, restrooms, surgical theaters, procedure rooms, and hallways and corridors.

Notable Features

- IP64 Standard
- NSF2 Standard
- Install from below
- MIL-STD-461G, requested in procedure rooms and operating rooms
- Multi-function exam/ambient/reading, or single function option
- Tunable white, Warm Dim, or Static
- Asymmetric or Symmetric options
- Green, Red, or Amber LEDs
- Specify in single or dual (pair) configurations
- 2 ft., 3 ft., 4 ft., 6 ft., and 8 ft. lengths
- Up to 115 lumens per watt
- nLight® wired and wireless controls
- Grid, mud-in flangeless, and drywall flange mounting options

The HPL patient controllability features have also been updated with the multifunction option. With multiple modes of lighting, users can switch between exam, ambient, and reading modes.

The HPL series has superior options, higher lumen package offerings, and competitive pricing. Ask your rep for more details or click below.

MULTI-FUNCTION GOES MINIMALIST





UPDATED PRODUCT: NPODA KEY



With the shift from the nPODM series to nPODMA series, the nLIGHT Key Switch is now following suit! Below outlines the key updates (pun intended).

What is the nPODA KEY?

- The new nLight digital key switch (nPODA KEY), launched in December 2021, features a modern and sleek architectural design that matches the nPODMA switch aesthetics. It also ships with a screwless wallplate for non-stainless-steel options.

What are the key differences between the nPOD KEY and nPODA KEY?

- Aesthetics: All nPODA KEY color options, except for the stainless-steel (STS) variant, use the same matte finish as the newer, improved nPODMA wall switch family. These switches can be used with standard decora wall plates.
- Turn mechanism: While the "ON" state of the nPOD KEY MNTN is achieved by rotating the key 45° clockwise, this operation is done on the nPODA KEY MNTN by rotating the key 90° clockwise.

Are there any programming or system capability differences between the nPOD KEY and nPODA KEY products?

- No, the nPOD KEY and nPODA KEY provide the exact same feature-set and programming capabilities, as well as the same out-of-box "switch channel 1" control operation.

Can I use my keys from the nPOD KEY with the nPODA KEY?

- Yes, the same key that is used and shipped with nPOD KEY is used with the nPODA KEY.

Will USPOM be offered in the nPODA KEY family?

- Instead of USPOM, we now offer buy American (BAA) variants of the nPODA KEY. Please refer to the spec sheet, or nLight Buy American Act (BAA) flyer, for information.