

WHAT YOU NEED TO KNOW...

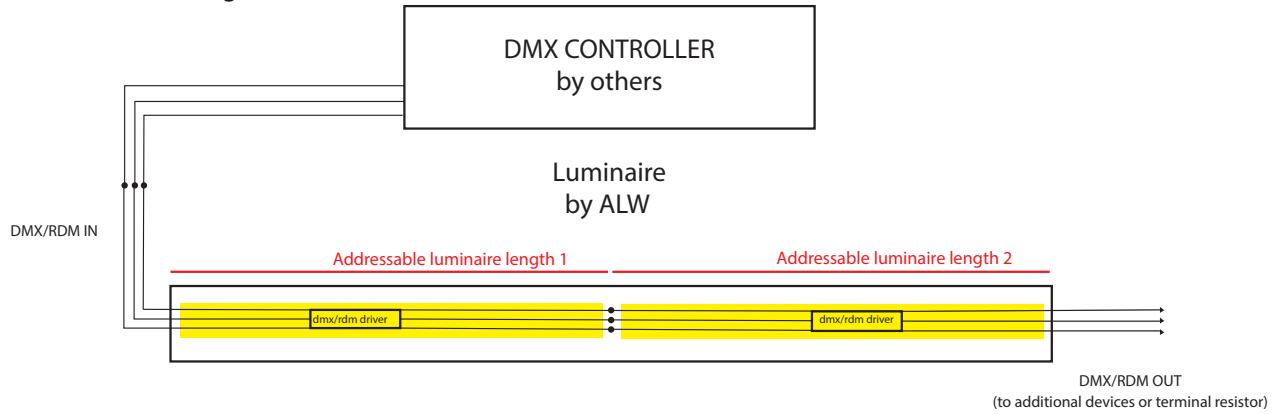
- RDM is a protocol enhancement to USITT DMX512 that allows bi-directional communication between a lighting or system controller and attached RDM-compliant devices over a standard DMX line.
- When DMX control is specified, we provide luminaires fitted with DMX/RDM compliant drivers and labeled DMX IN/DMX OUT leads for easy connection to a DMX-controlled network. DMX controllers are provided by others.
- ALW does not assign DMX addresses. All drivers are shipped from our factory with default address "1" for all channels. We recommend that qualified Commissioning Agents address luminaire drivers to on-site control systems via RDM. Some DMX control systems inherently support RDM. Control systems that do not support RDM may work in conjunction with third-party RDM hardware/software packages.
- The number of DMX addresses required per luminaire driver varies per the table below.

Lamping	DMX Addresses per Driver*
LOW, MED, HI, MAX, DECOR	1
TUNE	2
RGB	3
RGBW	4

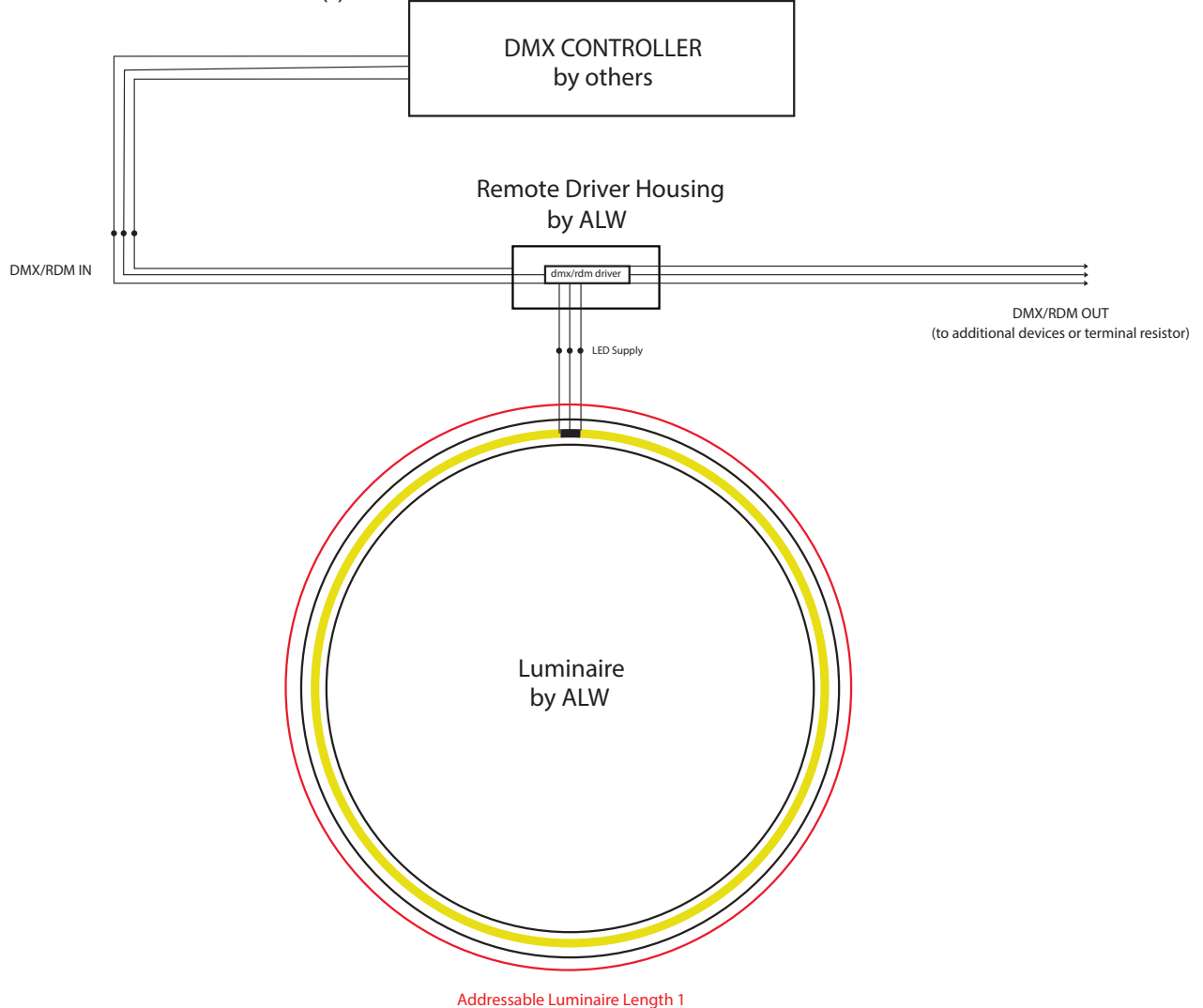
- *The number of drivers powering a luminaire or partial section of a luminaire varies according to the specifics of the product and the specified components. Project approval drawings for luminaires specified with DMX drivers that require multiple drivers (i.e. continuous runs and configurations) will include diagrams detailing 1.) the total number of drivers and 2.) the specific length each driver will power and control.
- The terminal luminaire in a DMX bus must be appropriately terminated. A 120-ohm resistor may be connected between the DMX+ and DMX- leads of the luminaire's DMX OUT leads.
- For additional DMX512 Standard technical information, see <http://old.usitt.org/DMX512FAQ.aspx>

See Next Page for Helpful Diagrams

Luminaire with Integral Driver(s)



Luminaire with Remote Driver(s)



The length of addressable segments varies according to lamping specification. If specific addressable lengths are required, contact us for assistance.