



DALI® Control

nPS 80 DALI

nLight Controller with DALI Protocol

The nPS 80 DALI is a DALI-2 Certified controller that takes advantage of all the benefits of an nLight system where DALI protocol is required, giving nLight devices the ability to control DALI drivers. This adds DALI control to a comprehensive portfolio that includes 0-10V, phase dimming, and embedded controls to help meet virtually any project specification.







Benefits

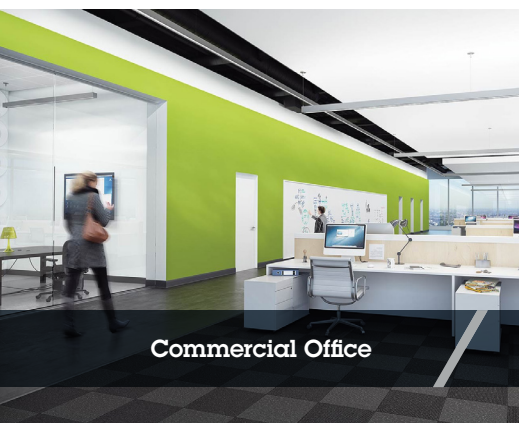
- DALI-2 Certified: Certified by the Digital Illumination Interface Alliance (DiiA®) to ensure compatibility with DALI-2 certified and marked LED drivers, as well as fluorescent ballasts.
- Fully Scalable Network Solution: For use in a single room or easily scalable to a fully networked solution for an entire campus.
- Supports Luminaire Level Lighting Controls (LLLC): With support for up to 64 drivers, each luminaire in a DALI loop can be controlled individually.
- Seamless Integration with BMS: The nPS 80 DALI supports integration between nLight and building management systems (BMS), delivering centralized control of the facility through open protocols such as BACnet and MSTP.
- Tunable White Option: Compatible with tunable white luminaires that simplify network addressing, installation, and commissioning.



nLight Load Controller Portfolio

nLight offers a broad portfolio of load controllers to meet common indoor applications, while aiding in code compliance.

0-10V	nPP16 	nLight Wired	<ul style="list-style-type: none"> Relay and 0-10V dimming controls Switches lighting loads up to 16A Provides bus power to other nLight Wired devices Separate plug-load controller option nPP20 PL UL 924 emergency options
	rPP20 	nLight AIR	<ul style="list-style-type: none"> Relay and 0-10V dimming controls Switches lighting or plug loads up to 20A +24VDC low voltage output option for nLight AIR occupancy sensors UL 924 emergency options
	nPS 80 EZ 	nLight Wired	<ul style="list-style-type: none"> Controls LED luminaires with 0-10V LED drivers from eldoLED® Provides bus power to other nLight Wired devices UL 924 emergency options
Phase Control	nPP PCD/rPP PCD 	nLight Wired nLight AIR	<ul style="list-style-type: none"> Forward and reverse phase dimming control of fixtures, (includes MLV and ELV) Automatic load-type detection Wired version provides bus power to other nLight Wired devices UL 924 emergency options
DALI	nPS 80 DALI 	nLight Wired	<ul style="list-style-type: none"> DALI-2 Certified Enables communication to a single loop of up to 64 DALI drivers Provides DALI and nLight bus power UL 924 emergency options
Embedded Controls	nLight Enabled Luminaires 	nLight Wired nLight AIR	<ul style="list-style-type: none"> Control device is embedded inside each luminaire Individually addressable UL 924 emergency options



Commercial Office



Healthcare



Higher Education

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