



nLIGHT[®] Wired
OEM Solutions Guide
OEM Sales

June 2021



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nLight Wired Compatible OEM Program Overview

nLight Wired Compatible OEM Program Overview

- This program is designed to allow third party fixture manufactures to develop nLight “compatible” fixtures that can be integrated into an nLight control network.
- It supports the implementation of nLight Wired in applications where Acuity Brands lighting fixtures are not specified but the controls system is being managed by an Acuity Agent.

Design



- Acuity OEM Sales supports the OEM Lighting Manufacturer with the limited product family and provides the Design/Validate/Produce (DVP) documentation as specified from nLight engineering support.

Validate



- nLight engineering support will provide Spec Sheets, Installation Guides and CAD documentation for OEM customers to Design-In and Validate the use of these devices in their fixtures.

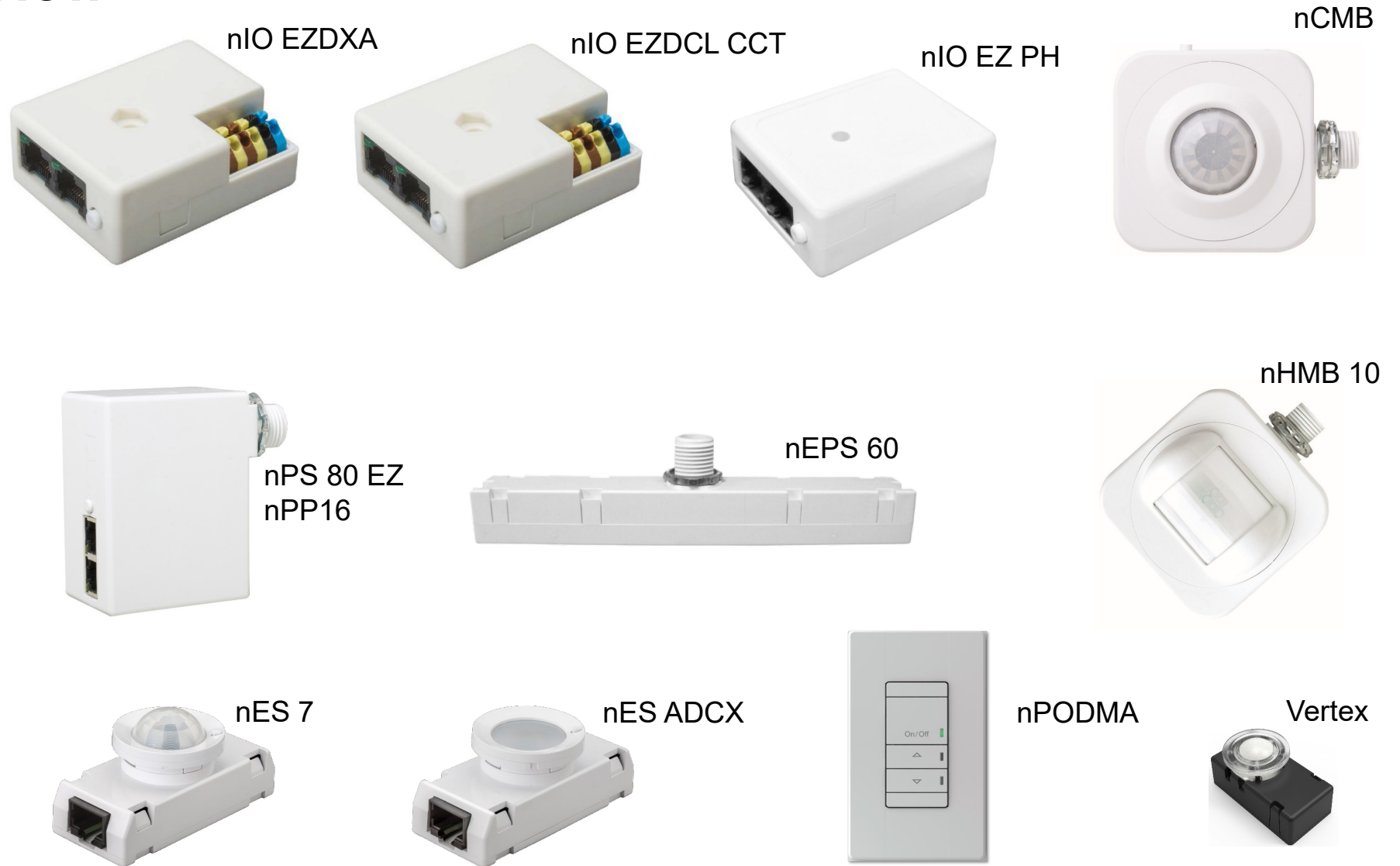
Produce



- Validation and Production/End of Line testing will be done by using an nPODM wall control as specified in the DVP documentation.
- Field commissioning issues will be first checked against the DVP for compliance by the OEM Manufacturer of the Lighting Fixture.
- Fixtures in DVP compliance but still experiencing commissioning issues will be supported by Acuity Brands/ nLight engineering support.

Product Overview

- nIO EZDXA
- nIO EZDCL CCT
- nIO EZ PH
- nCMB
- nHMB 10
- nPS 80 EZ
- nPP16
- nEPS 60
- nES 7
- nES ADCX
- nPODMA
- Vertex



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nLight Wired Solutions Document Overview

Solutions Guide Overview

- This document is designed to provide validated solutions of nLight Wired components along with the interoperable products that are available to provide the needed features in an OEM lighting fixture.
- It supports the implementation of nLight Wired nIO controls and Control Power Packs in conjunction with eldoLED Drivers, nLight and SensorSwitch Sensors and IOTA Emergency power supply devices.
- These solutions are designed to be implemented with the use of the OEM DVP documents for nLight Wired products along with Datasheets and Design Guides for the interoperable products within the solutions.
- Not every possible Solution can be defined, but this guide can provide examples which could be applied to other Driver and Sensor adaptations to achieve the needed features for your fixture.
- We encourage Product Managers and Engineers to follow up with our OEM Technical Sales Managers with questions and comments.

Interoperable Products

eldoLED Drivers

- **Important Note:** Check the latest eldoLED Product Reference Guide for available drivers in your application. Not every driver option is available for each solution.
- LEDcode 2 drivers
 - Used with nLight Digital nIO Controls, tuned for use with eldoLED/LEDcode
- LEDcode 2.1 drivers
 - Used when you need to have 2 devices on the LEDcode bus (nIO + Vertex Sensor)
- DALI 2 drivers
 - Used with nLight Digital nIO Controls and LEDcode Cross solutions
- 0-10V drivers
 - Used with nLight 0-10V output devices

Sensor Switch Vertex Sensors:

- Used with Digital nIO Controls and LEDcode 2.1 Drivers



3rd Party DALI Power Supplies

- For use with LEDcode Cross. Recommended option:
 - *258T8S - 704-00052-001 LUTRON DFC-OEM-DBI DALI

Emergency Devices:

- IOTA Emergency Drivers, Inverters and Switchgear



A note on nLight Bus Power

- The following nLight devices are a 3mA Sink on the nLight Bus.
- Specifications for the nLight Control System must include calculations to include enough bus power for the amount of fixtures using these devices.
- nIO EZDCL CCT
- nIO EZDCL CCT ER
- nIO EZDCL ER
- nIO EZ PH ER
- nCMB
- nHMB 10
- nES 7
- nES ADCX



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nLight Wired Decision Tree and Solutions Matrix

How to use the Solution Matrix and navigate the pages

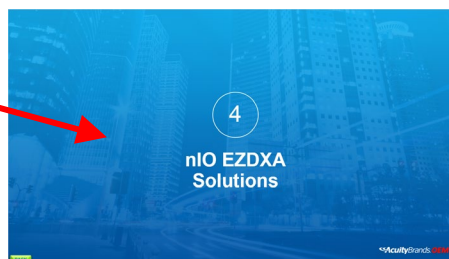
nLIGHT Wired Compatible Program

Solution Matrix for nIO

	nIO EZDXA	nIO EZ
Intensity Dimming – Standard up/down	X	X
Dynamic Dimming – Intensity & CCT		
eldoLED LEDcode Drivers	X	X
eldoLED DALI Drivers	X	X
eldoLED 0-10V Drivers		

The Solution Matrix on the next pages has live links to the product sections and individual solutions.

- Select Links for Product Sections to jump to their Main Page



nLIGHT Wired OEM Solutions Guide

nIO EZDXA

Solution: nIO EZDXA + DALI Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power

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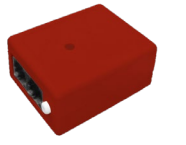
[BACK](#)

AcuityBrands OEM

- Select Links for a Product Solution jump to that specific Solution Page

- Each page has a Back button that will take you back to the Solution Matrix




Solution Matrix for nIO



	<u>nIO EZDXA</u>	<u>nIO EZDCL ER</u>	<u>nIO EZDCL CCT</u>	<u>nIO EZDCL CCT ER</u>	<u>nIO EZ PH</u>	<u>nIO EZ PH ER</u>
Intensity Dimming – Standard up/down	<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>
Dynamic Dimming – Intensity & CCT	<u>DTW</u>	<u>DTW</u>	<u>X</u>	<u>X</u>	<u>DTW</u>	<u>DTW</u>
eldoLED LEDcode Drivers	<u>X</u>	<u>X</u>				
eldoLED DALI Drivers	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>		
eldoLED 0-10V Drivers					<u>X</u>	<u>X</u>
Multi-Driver fixture (LEDcode Cross or 0-10V)	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Multi-Fixture Solution (LEDcode Cross or 0-10V)	<u>X</u>		<u>X</u>			
IOTA CP Battery Backup EM Driver	<u>X</u>		<u>X</u>		<u>X</u>	
With nES7 Embedded Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With nES ADCX Embedded Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With Vertex Embedded Sensor 	<u>X</u>	<u>X</u>				
With nCMB Integrated Sensor 	<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>
With nHMB 10 Integrated Sensor 	<u>X</u>	<u>X</u>			<u>X</u>	<u>X</u>

Solution Matrix for Power Pack Controls



	<u>nPS 80 EZ</u>	<u>nPS 80 EZ ER</u>	<u>nPP16</u>	<u>nPP16 ER</u>	<u>nEPS 60</u>
Intensity Dimming – Standard up/down	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
Dynamic Dimming – Intensity & CCT	<u>DTW</u>	<u>DTW</u>	<u>DTW</u>	<u>DTW</u>	<u>DTW</u>
eldoLED 0-10V Drivers	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With nES7 Embedded Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With nES ADCX Embedded Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With nCMB Integrated Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
With nHMB 10 Integrated Sensor 	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>

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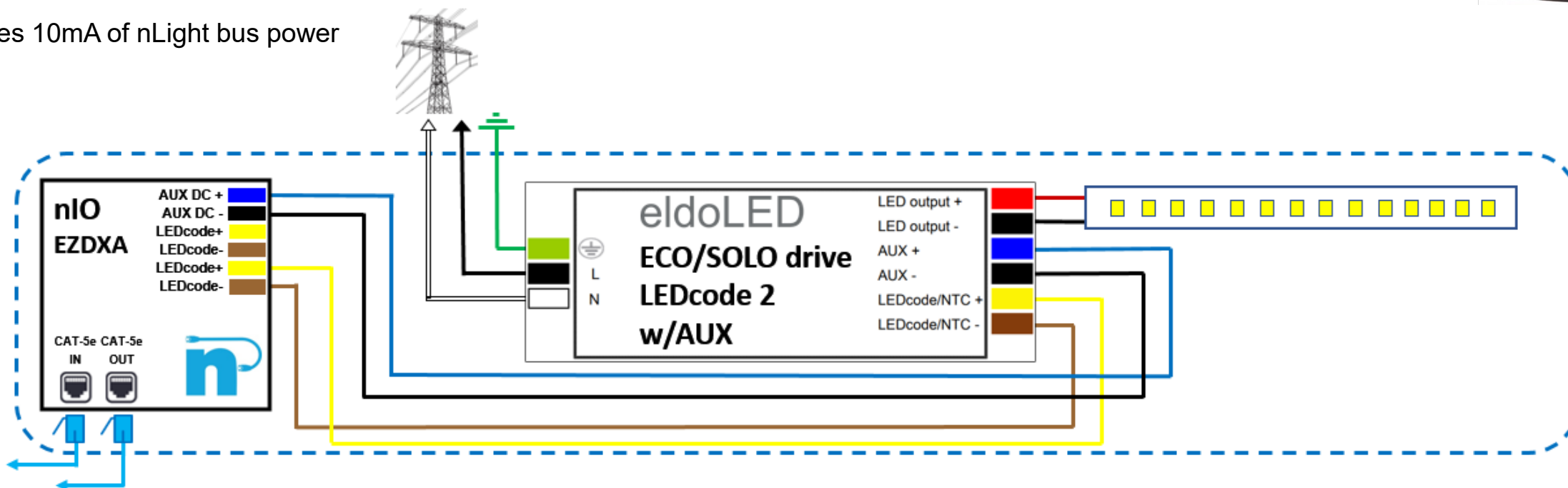
nIO EZDXA Solutions

nIO EZDXA



Solution: nIO EZDXA + LEDcode 2 Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2 and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power

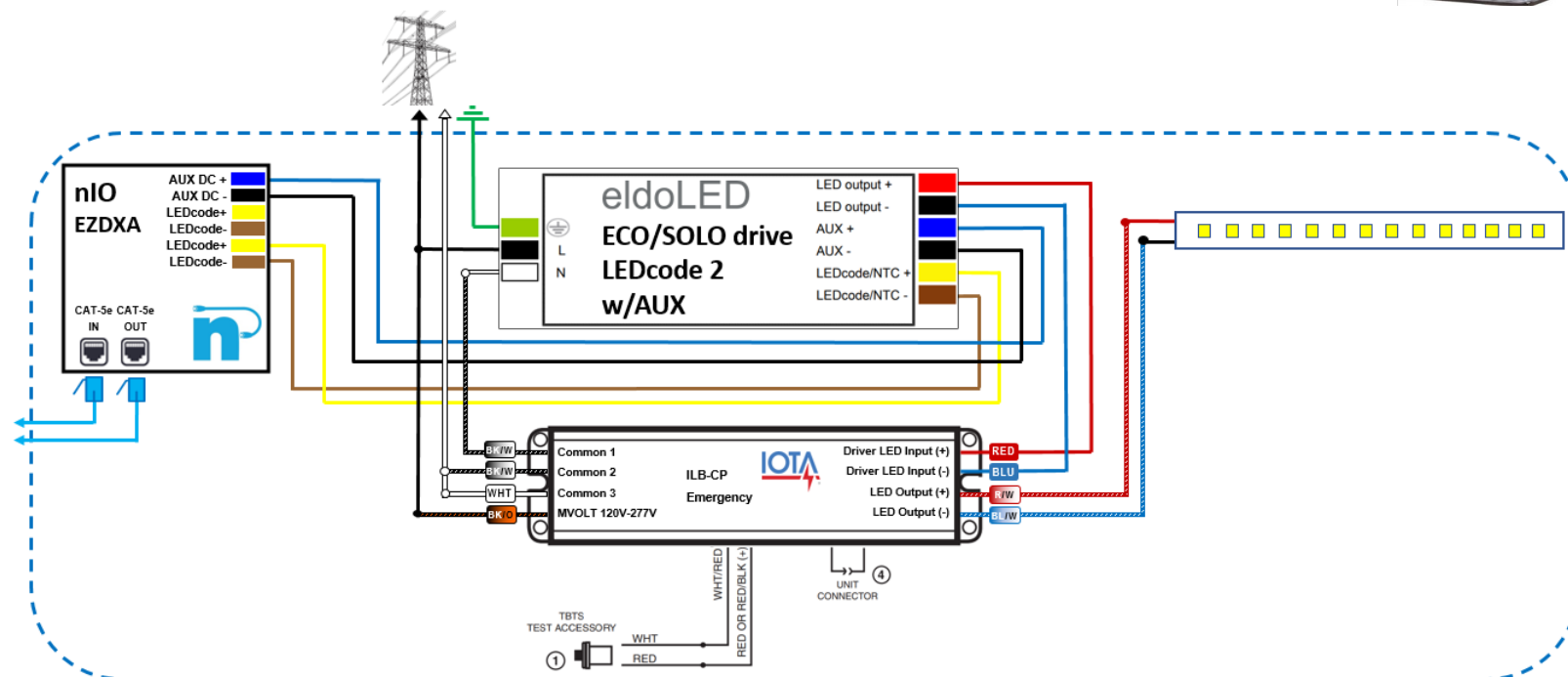


nIO EZDXA



Solution: nIO EZDXA + LEDcode 2 Driver + IOTA ILB-CP EM Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2 and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power
- EM Battery Backup Driver: IOTA ILB-CP supplies constant power for 90 minutes
- Fixture is connected to Mains power supply panel
- Solution is UL 924 compliant
- When power is lost, dimming commands are canceled – fixture resumes at 100% output

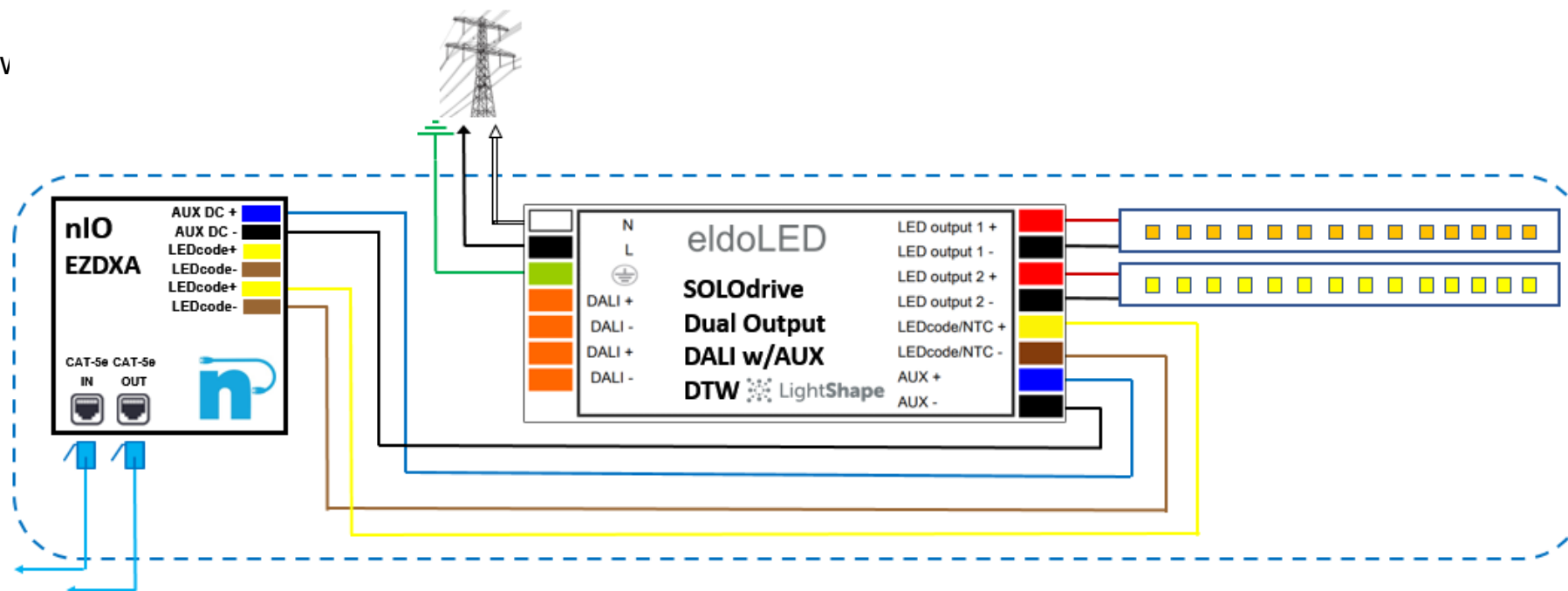


nIO EZDXA



Solution: nIO EZDXA + DALI Driver

- Dimming Type: Dynamic Dimming – Dim to Warm
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – SOLOdrive w/DALI and AUX with DTW Dimming from LightShape
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus pov

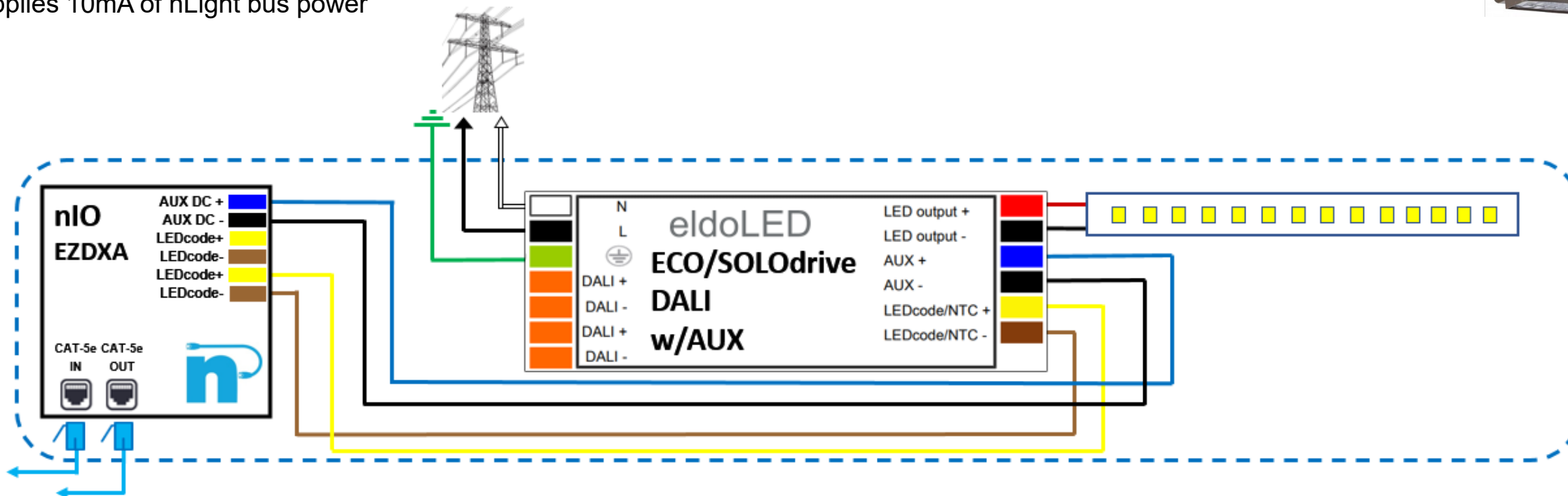


nIO EZDXA



Solution: nIO EZDXA + DALI Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power

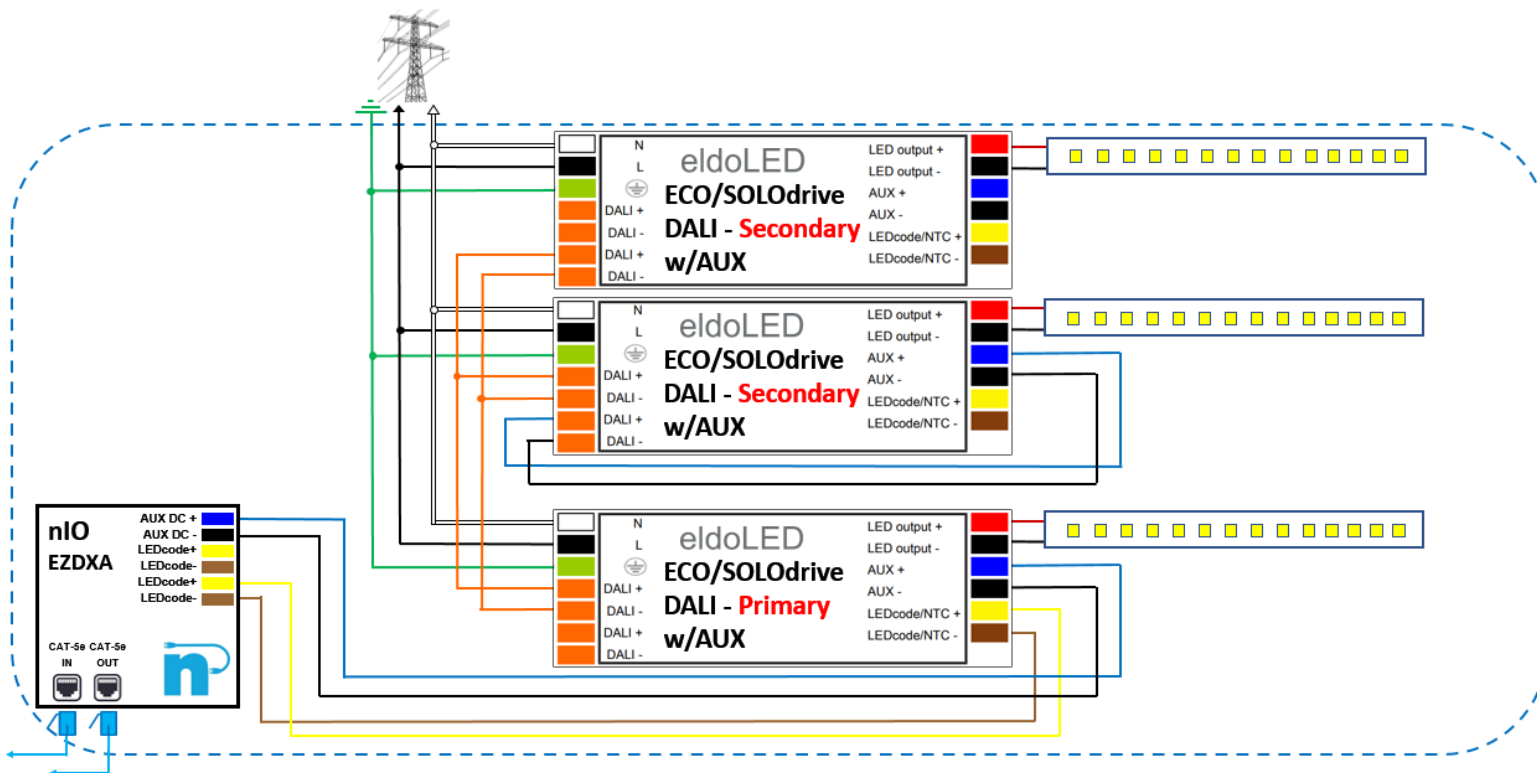


nIO EZDXA



Solution: nIO EZDXA + DALI Drivers on LEDcode Cross

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX Power
 - Primary Driver: Requires a driver with AUX power for the nIO (16-24V, 18mA)
 - First Secondary Driver: Requires driver with MED AUX power to drive the DALI bus (16V @ 100mA)
- Up to 15 more secondary drivers can be added to the fixture
 - Remaining Secondary Drivers do not require AUX power.
- Supplies 10mA of nLight bus power



We recommend using one Medium Aux driver spec for all drivers in the fixture. This simplifies assembly and inventory management.

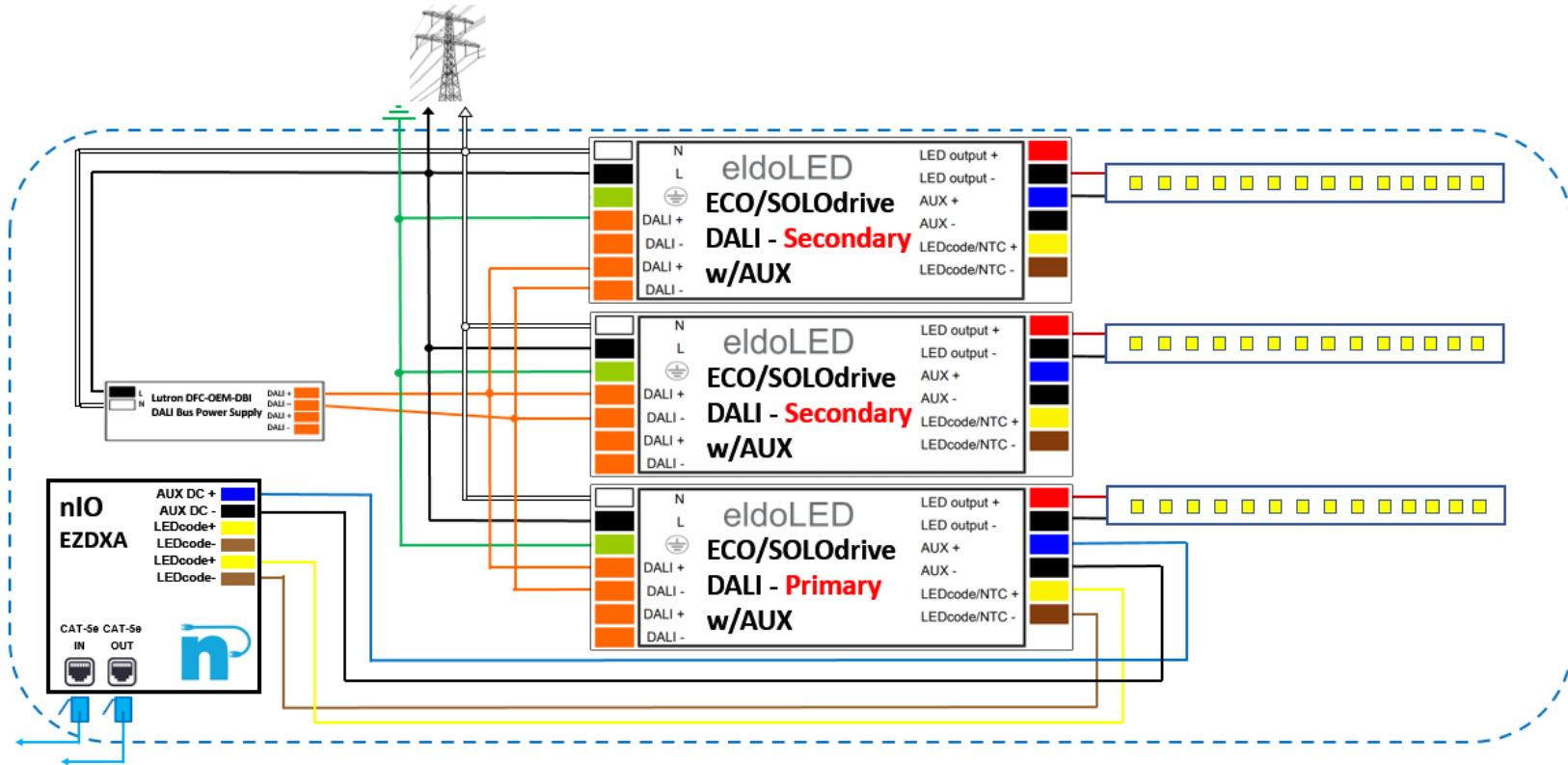
If you cannot find a Secondary Driver with a Medium power AUX for your application – See the next page for an alternative Solution

nIO EZDXA



Solution: nIO EZDXA + DALI Drivers on LEDcode Cross

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX
 - Primary Driver: Requires a driver with AUX power for the nIO (16-24V, 18mA)
 - Secondary Driver(s): Do not require an AUX for the DALI bus power
- Up to 15 more secondary drivers can be added to the fixture
- DALI bus power provided by 3rd Party DALI Power Supply
- Supplies 10mA of nLight bus power

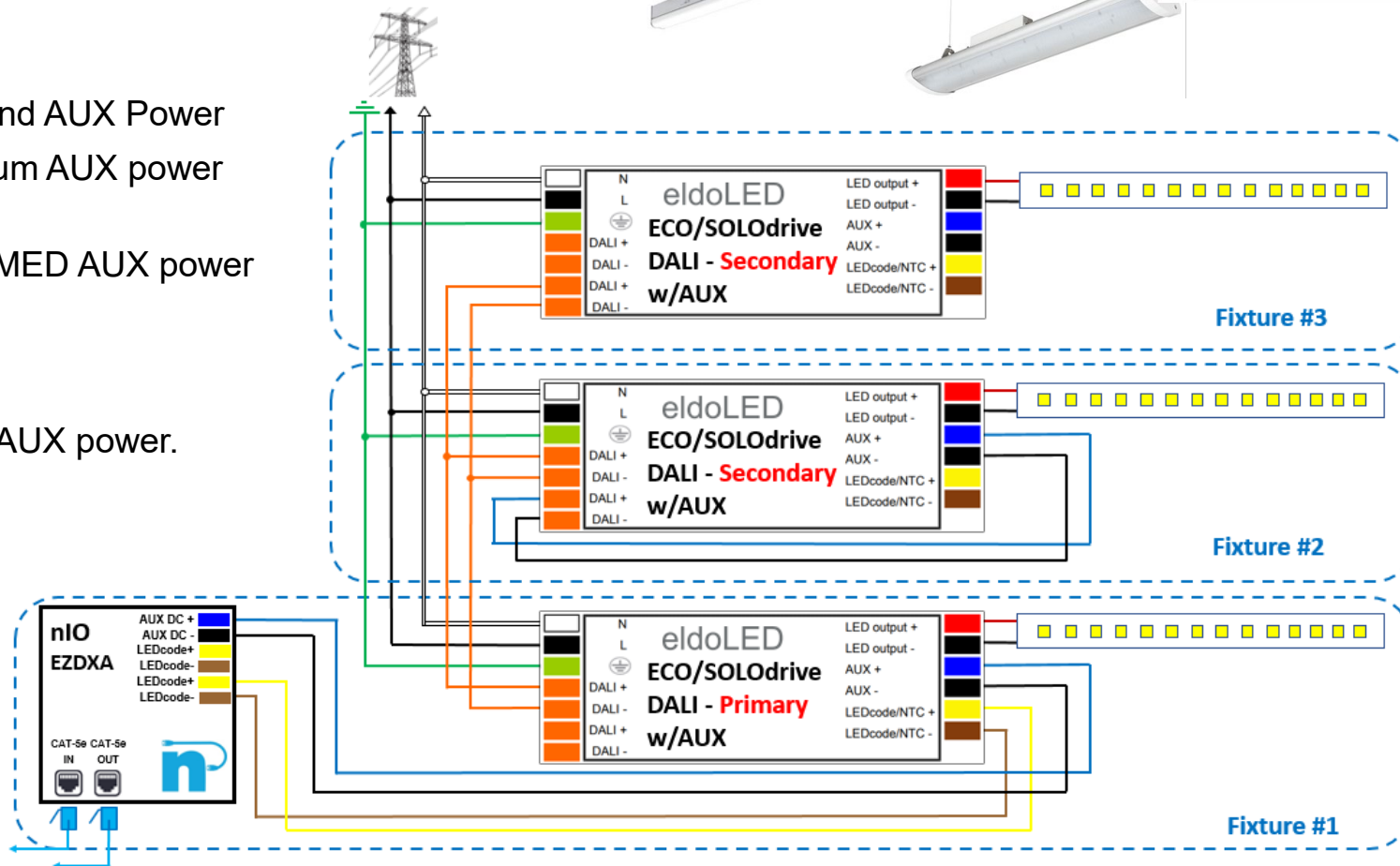


nIO EZDXA



Multi-Fixture Solution: nIO EZDXA + DALI Drivers on LEDcode Cross

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX Power
 - Primary Driver: Requires a driver with minimum AUX power for the nIO (16-24V, 18mA)
 - First Secondary Driver: Requires driver with MED AUX power to drive the DALI bus (16V @ 100mA)
- Up to 15 more secondary fixtures can be added
- Secondary Drivers (after Fixture 2) do not require AUX power.
- Supplies 10mA of nLight bus power



We recommend using one Medium Aux driver spec for drivers in all fixtures. This simplifies assembly and inventory management.

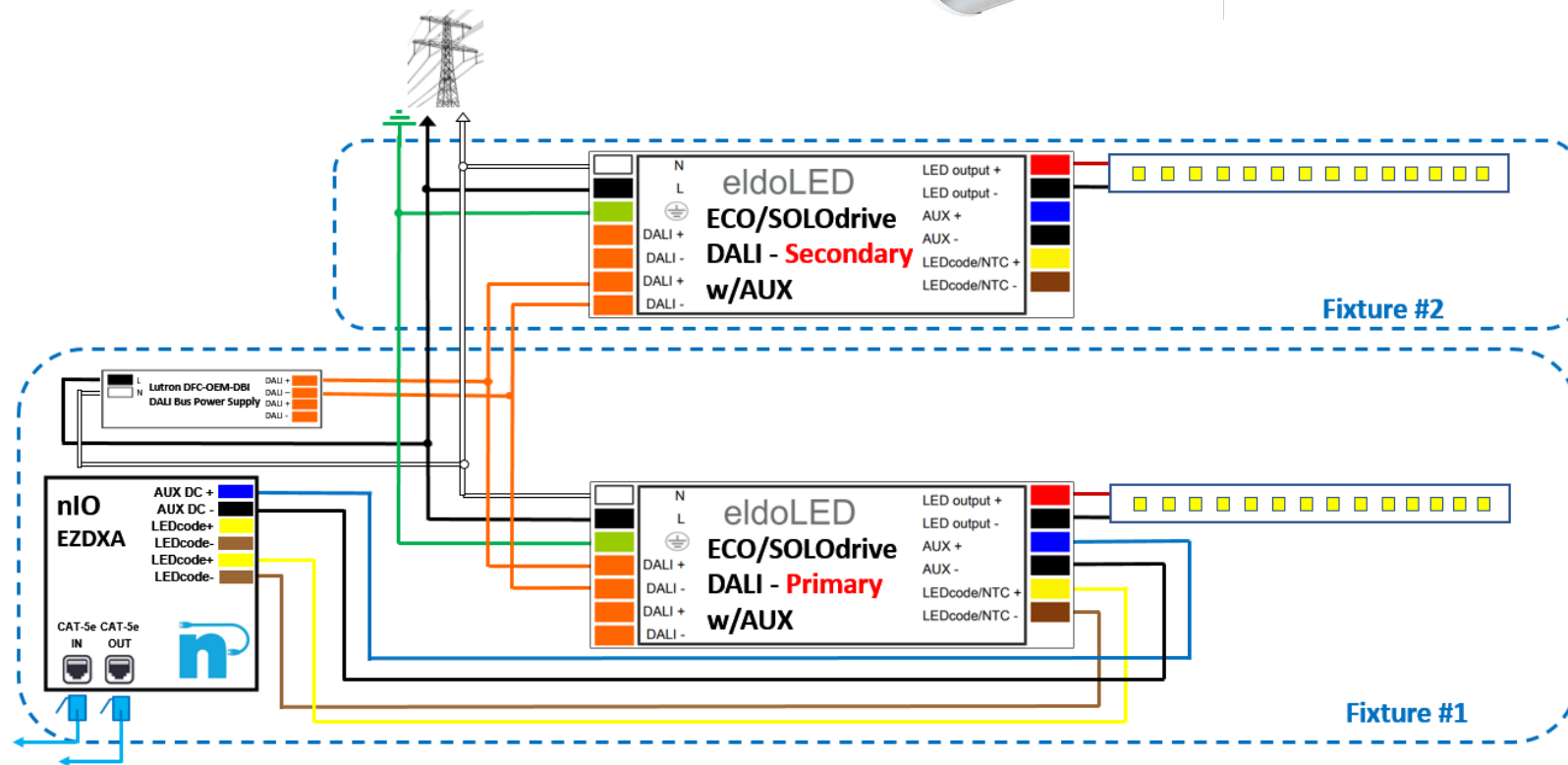
If you cannot find a Secondary Driver with a Medium power AUX for your application – See the next page for an alternative Solution

nIO EZDXA



Multi-Fixture Solution: nIO EZDXA + DALI Drivers on LEDcode Cross + 3rd party DALI Power Supply

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX
- Fixture #1:
 - Primary Driver: Requires a driver with AUX power for the nIO (16-24V, 18mA)
 - Secondary Driver: Does not require an AUX
 - 3rd party DALI Power Supply required for multi-fixture applications
- Fixture #2 +
 - Secondary Drivers do not require AUX power.
- Up to 15 more secondary drivers can be added to the Primary Driver in various fixtures
- Supplies 10mA of nLight bus power



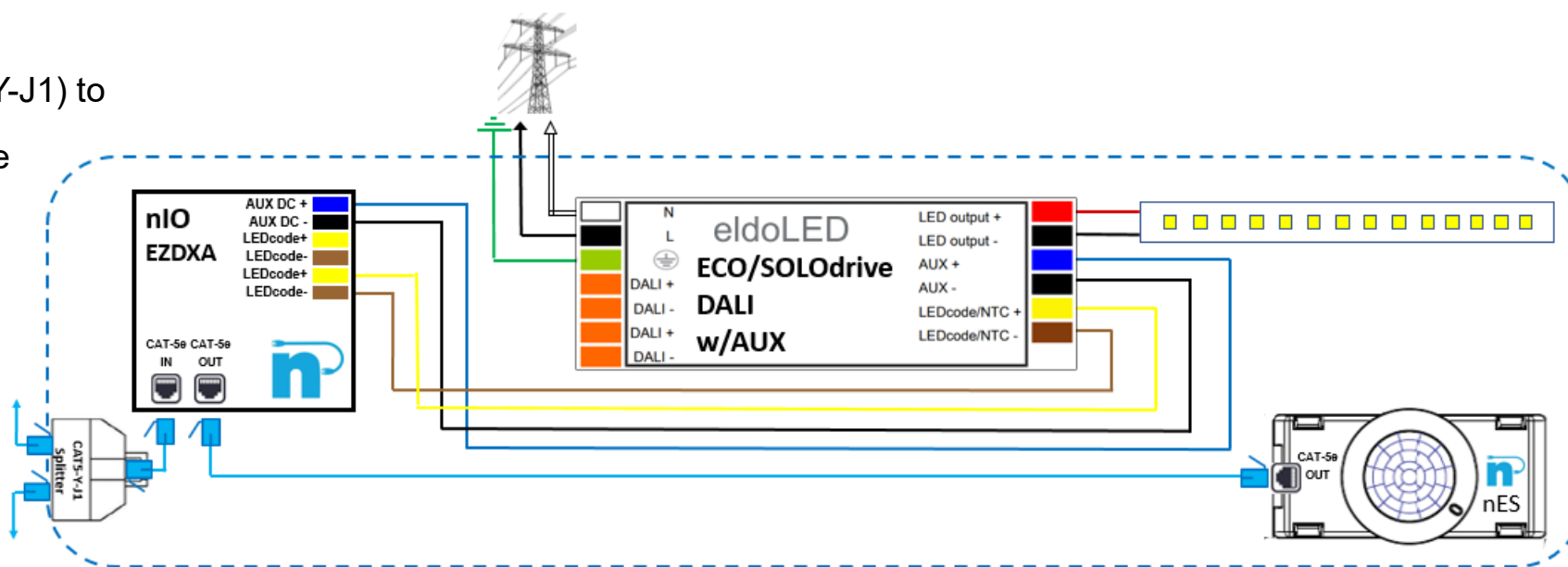
We recommend using one Fixed Aux (16-24V, 18mA) driver spec for all fixtures. This simplifies assembly and inventory management.

nIO EZDXA



Solution: nIO EZDXA + DALI Driver + nES Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/DALI and AUX
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture
- Supplies 7mA of nLight bus power
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

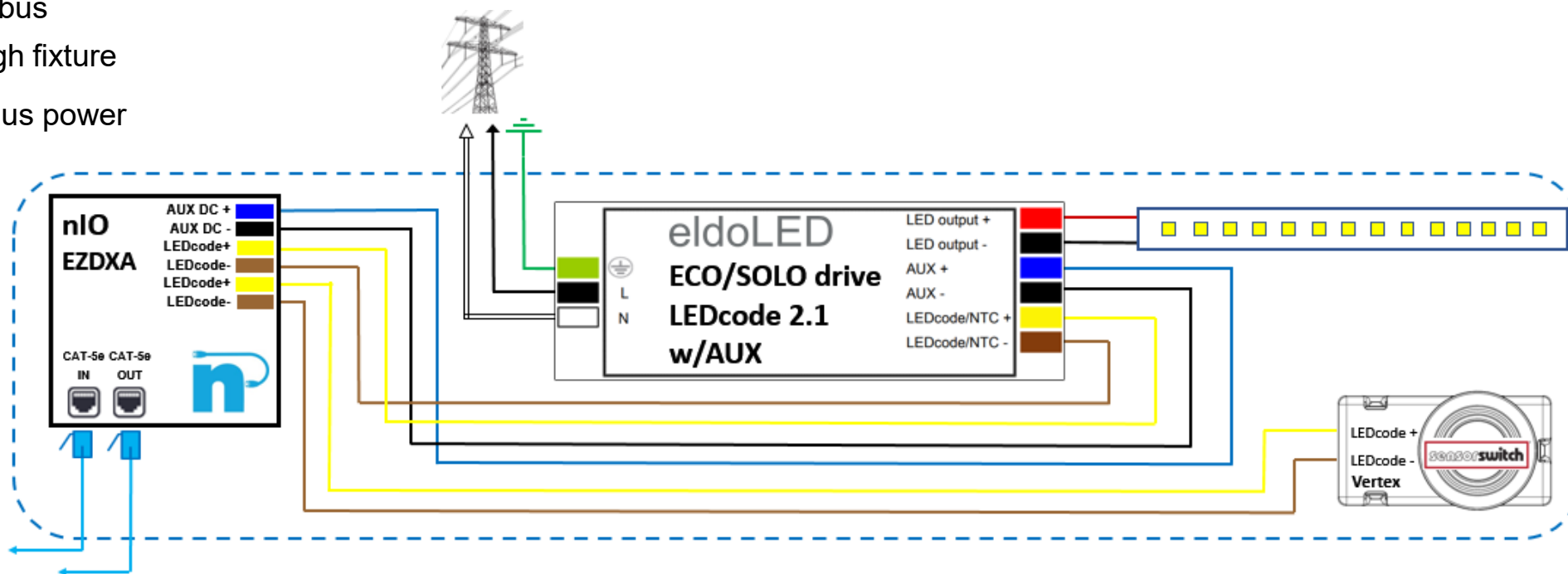


nIO EZDXA



Solution: nIO EZDXA + LEDcode 2.1 Driver + Vertex Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2.1 and AUX Power
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Sensor Type: SensorSwitch Vertex PIR/Photocell Sensor powered by LEDcode 2.1 bus
 - Panel mounts through fixture
- Supplies 10mA of nLight bus power



nIO EZDXA



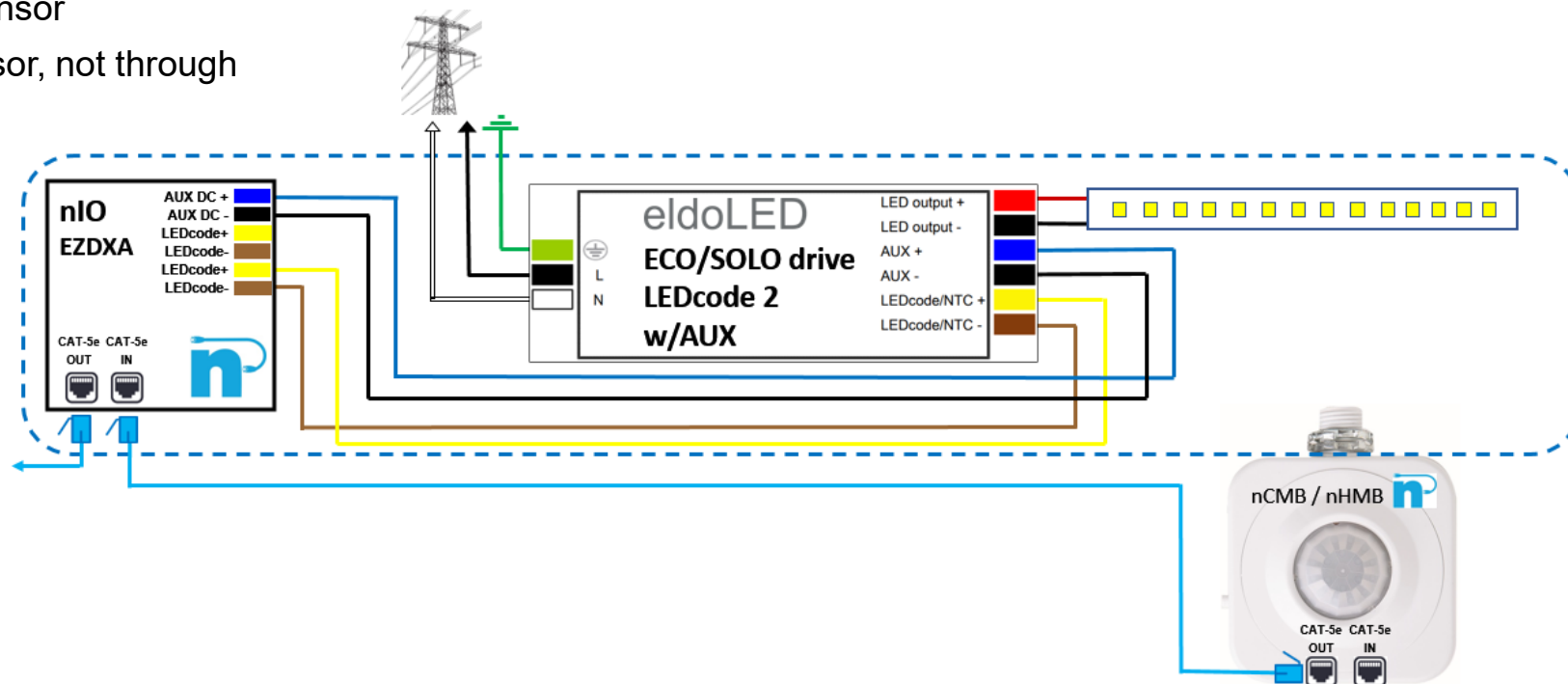
Solution: nIO EZDXA + LEDcode 2 Driver + nCMB/nHMB Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2 and AUX
 - Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- Supplies 7mA of nLight bus power

Industrial Wall Pack



Industrial Low Bay



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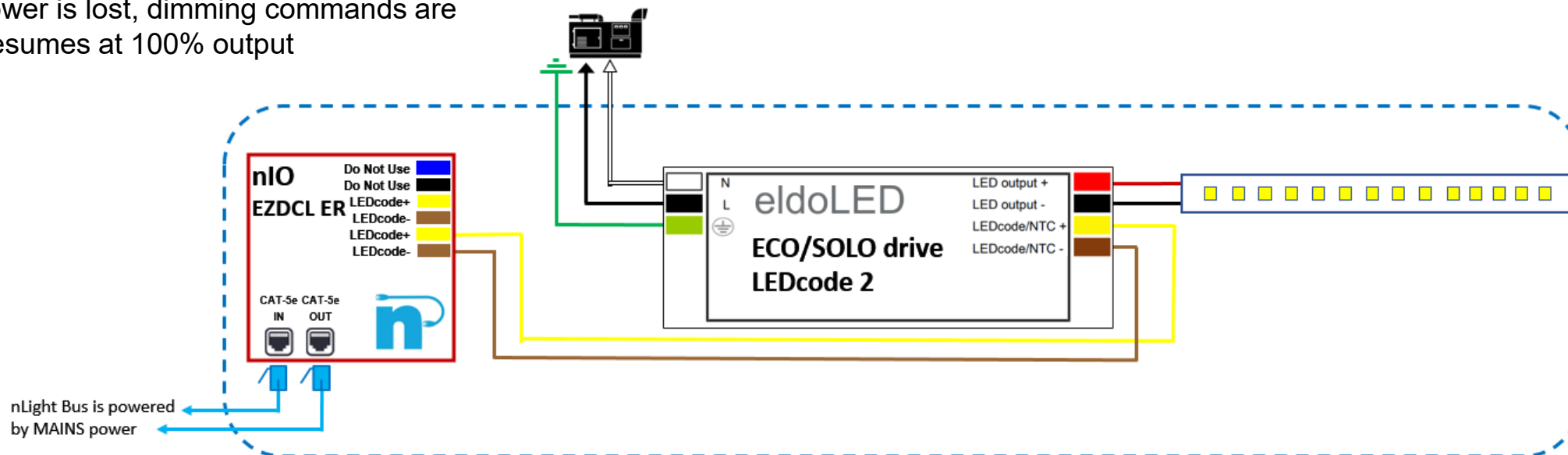
nIO EZDCL ER Solutions

nIO EZDCL ER



Solution: nIO EZDCL ER + LEDcode 2 Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2
- nIO EZDCL ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

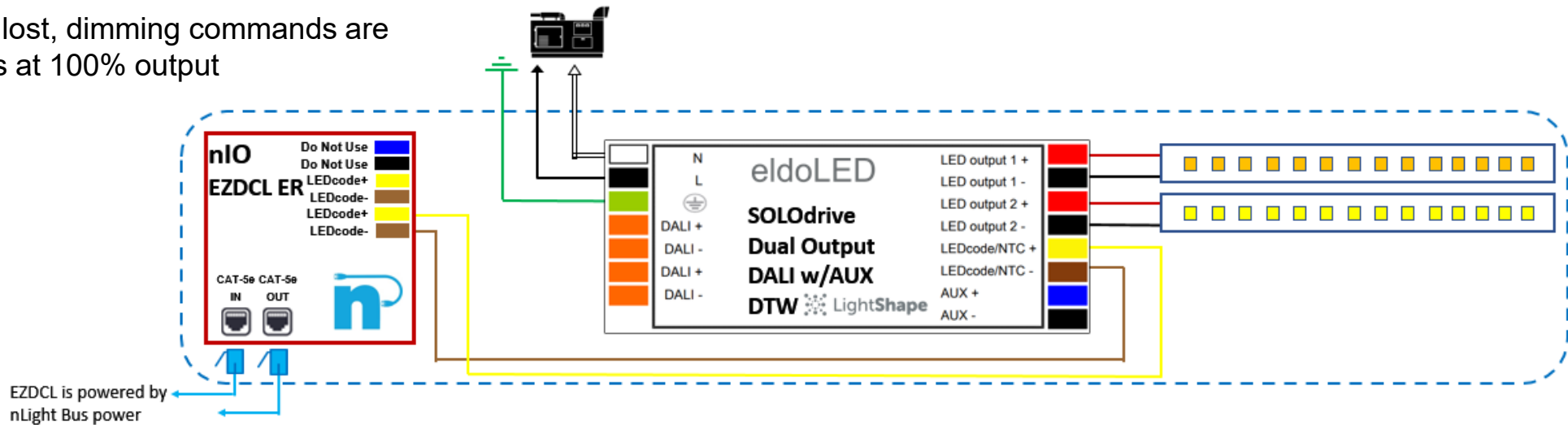


nIO EZDCL ER



Solution: nIO EZDCL ER + DALI Driver

- Dimming Type: Dynamic Dimming – Dim to Warm
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – SOLOdrive DALI Driver with DTW Dimming from LightShape
- nIO EZDCL ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

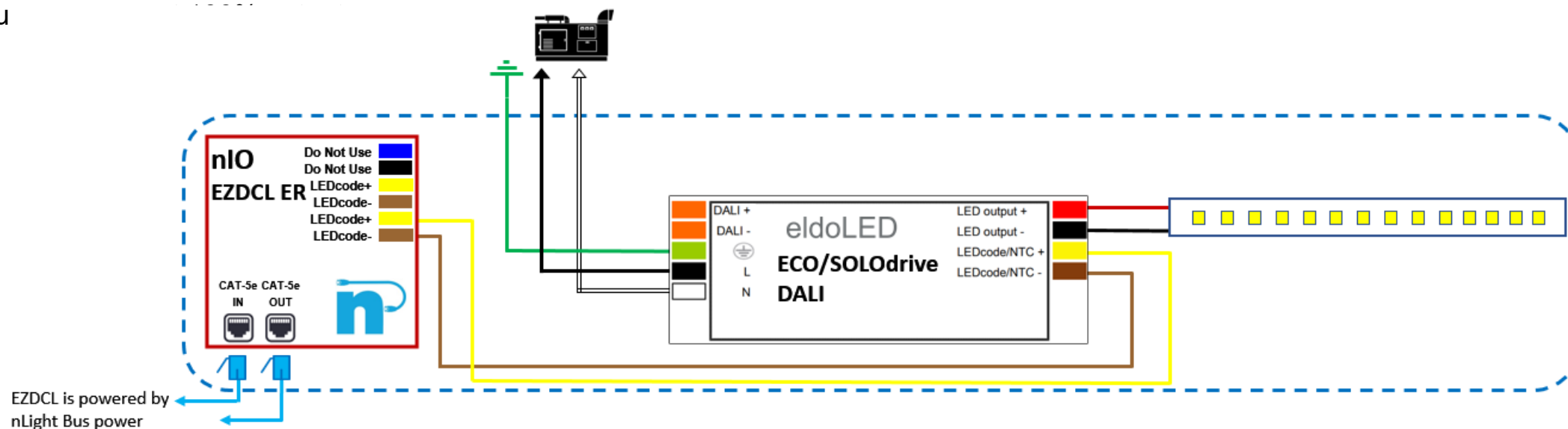


nIO EZDCL ER



Solution: nIO EZDCL ER + DALI Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive DALI Driver
- nIO EZDCL ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixtu



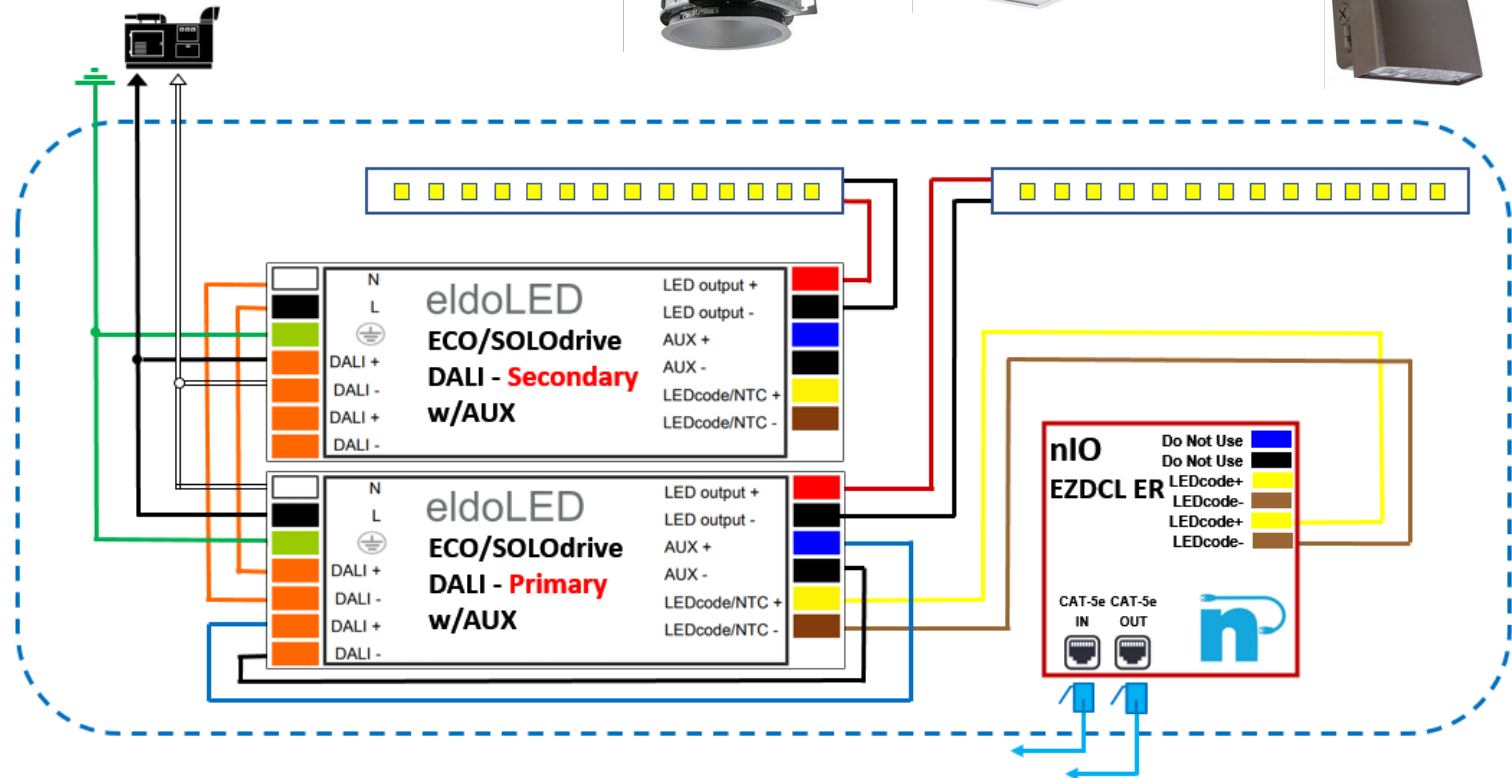
nIO EZDCL ER



Solution: nIO EZDCL ER + DALI Drivers on LEDcode Cross

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive DALI Driver
 - Primary Driver: Requires a driver with MED AUX power for the DALI Bus (16V, 100mA)
 - Secondary Driver: Does not require an AUX
- nIO EZDCL ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

We recommend using one Medium Aux driver spec for all drivers in the fixture. This simplifies assembly and inventory management.

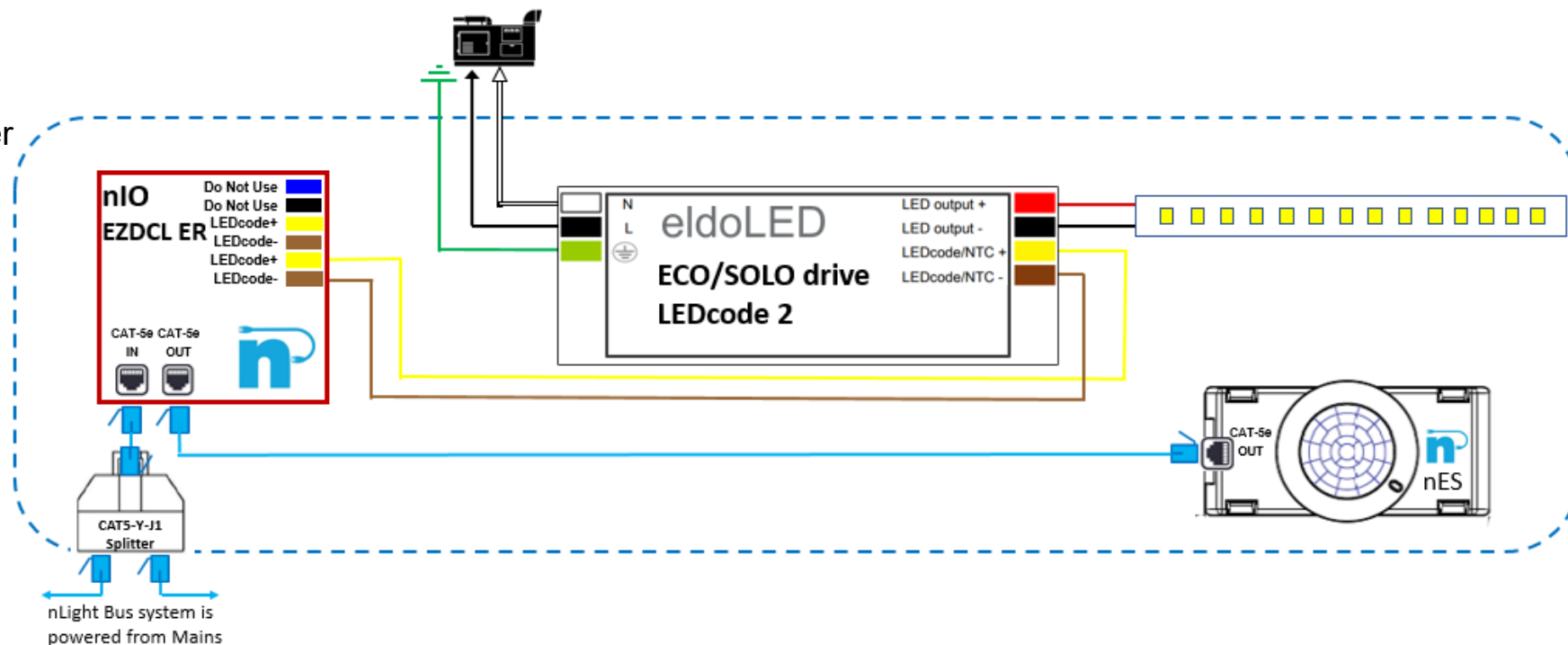


nIO EZDCL ER



Solution: nIO EZDCL ER + LEDcode 2 Driver + nES7/nES ADCX

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture
- nIO EZDCL ER and Sensor get power from the nLight Bus (6mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

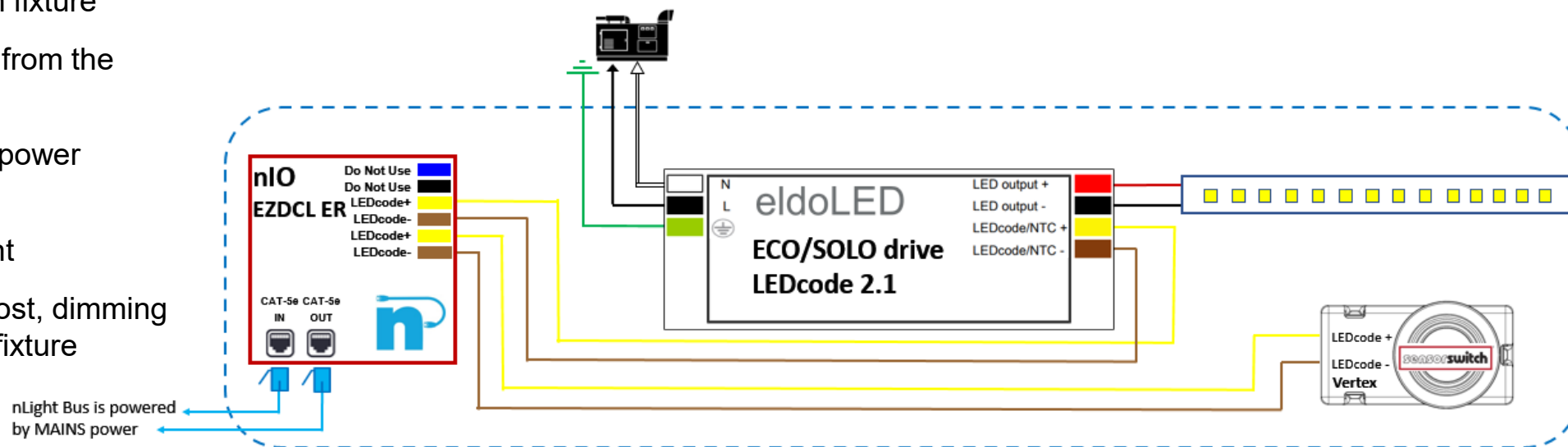


nIO EZDCL ER



Solution: nIO EZDCL ER + LEDcode 2.1 Driver + Vertex Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2.1
- Sensor Type: SensorSwitch Vertex PIR/Photocell Sensor powered by LEDcode 2.1 bus
 - Panel mounts through fixture
- nIO EZDCL ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

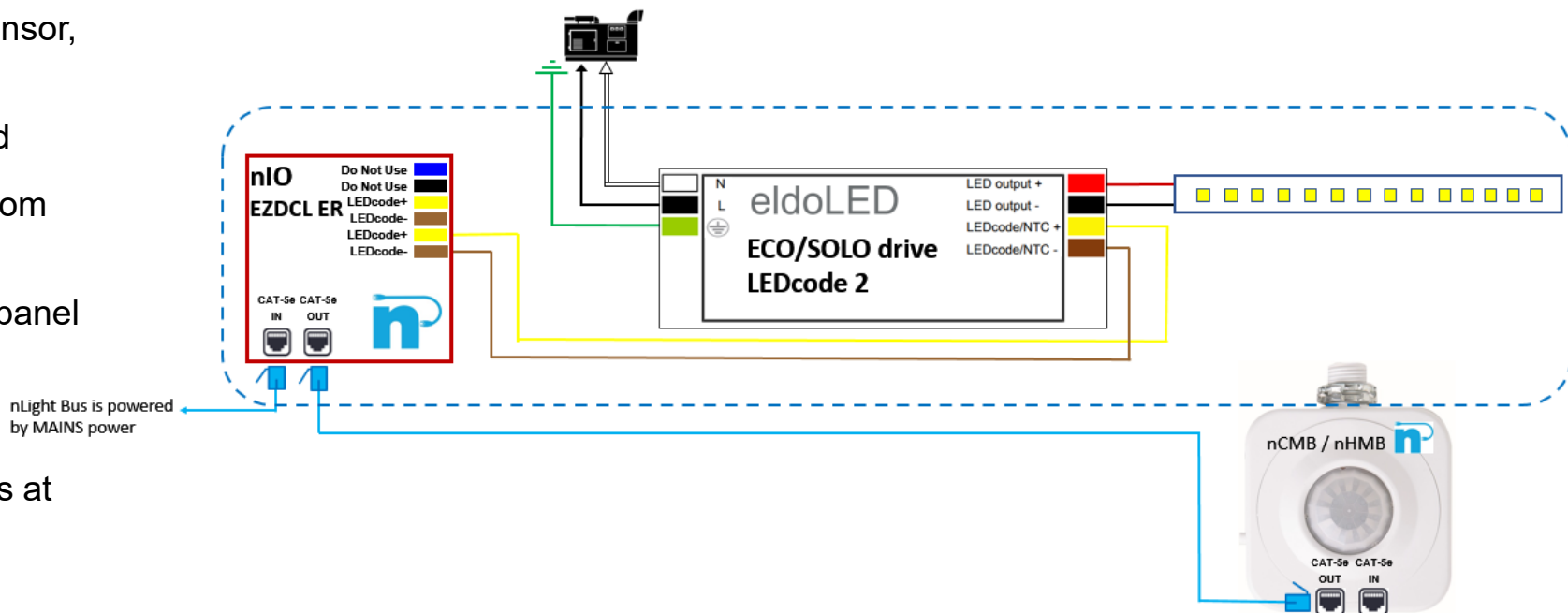


nIO EZDCL ER



Solution: nIO EZDCL ER + LEDcode 2 Driver + nCMB / nHMB Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/LEDcode 2
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- nIO EZDCL CCT and Sensor get power from the nLight Bus (6mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



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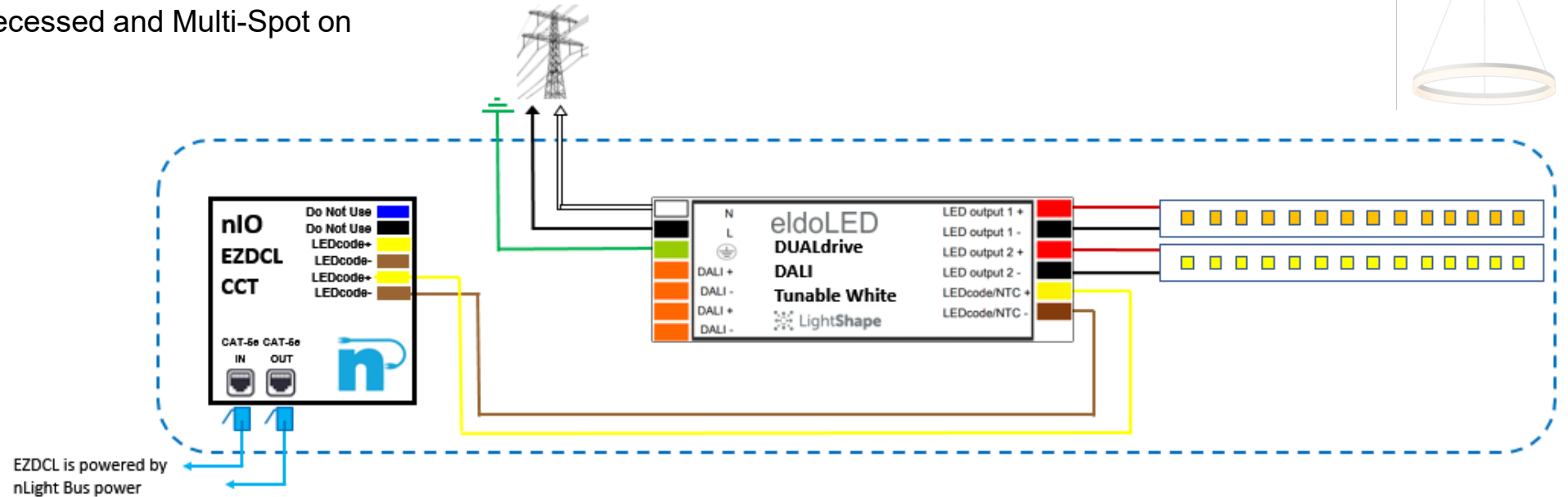
nIO EZDCL CCT Solutions

nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Driver

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires 2 different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Driver
- DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT gets power from the nLight Bus (3mA sink)
- See COB Solutions for Recessed and Multi-Spot on **Next Page**



EZDCL is powered by nLight Bus power

nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Driver

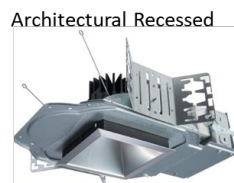
- Continued from previous page
- COB Solutions for Recessed and Multi-Spot
- Requires a Tunable White COB with 2 circuits of different CCT LED



Commercial Recessed



Commercial Multi Spot



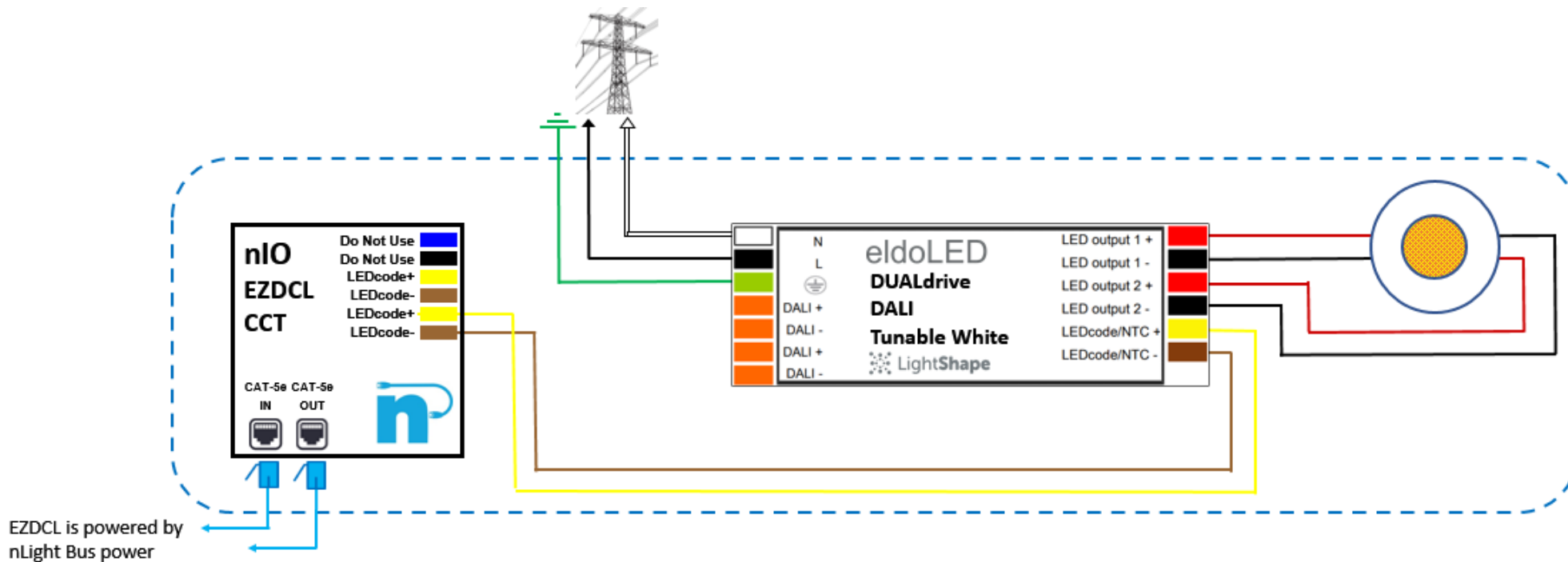
Architectural Recessed



Architectural Multi Spot



Architectural Sconce

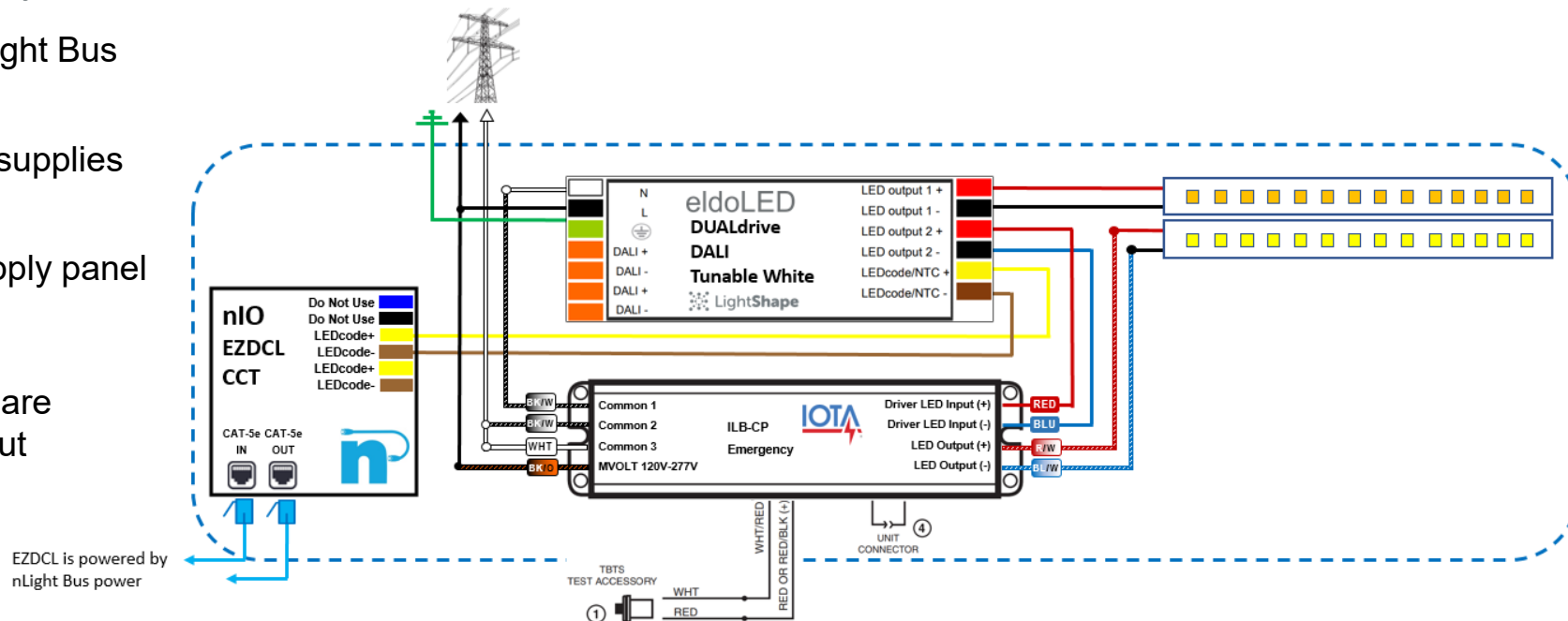


nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Driver + IOTA ILB-CP EM Driver

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires 2 different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Driver
- DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT gets power from the nLight Bus (3mA sink)
- EM Battery Backup Driver: IOTA ILB-CP supplies constant power for 90 minutes
- Fixture is connected to MAINS power supply panel
- Solution is UL 924 compliant
- When power is lost, dimming commands are canceled – fixture resumes at 100% output



EZDCL is powered by nLight Bus power

nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Drivers w/LEDcode Cross (Multi-Driver Fixture)

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires 2 different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Drivers
- DUALdrive provides Tunable White with **LightShape**
- nIO EZDCL CCT gets power from the nLight Bus (3mA sink)
- Up to 15 more secondary drivers can be added to the fixture
- DALI bus power provided by 3rd Party DALI Power Supply

Commercial Linear



Commercial Multi Spot



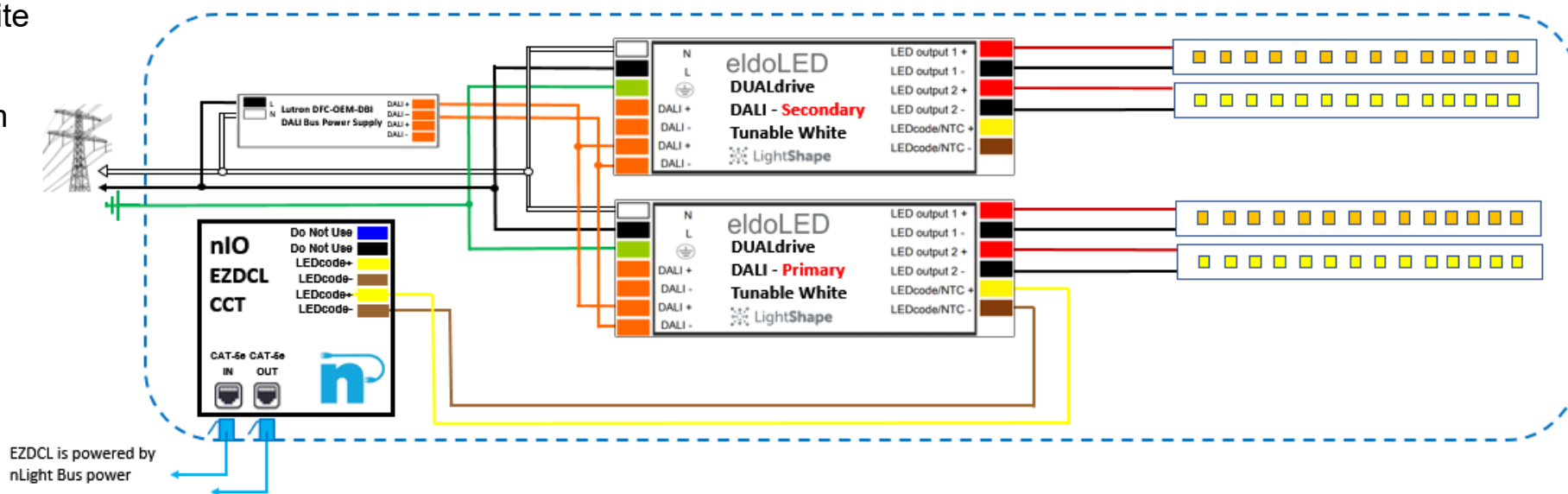
Commercial Troffer



Architectural Linear



Architectural Multi Spot



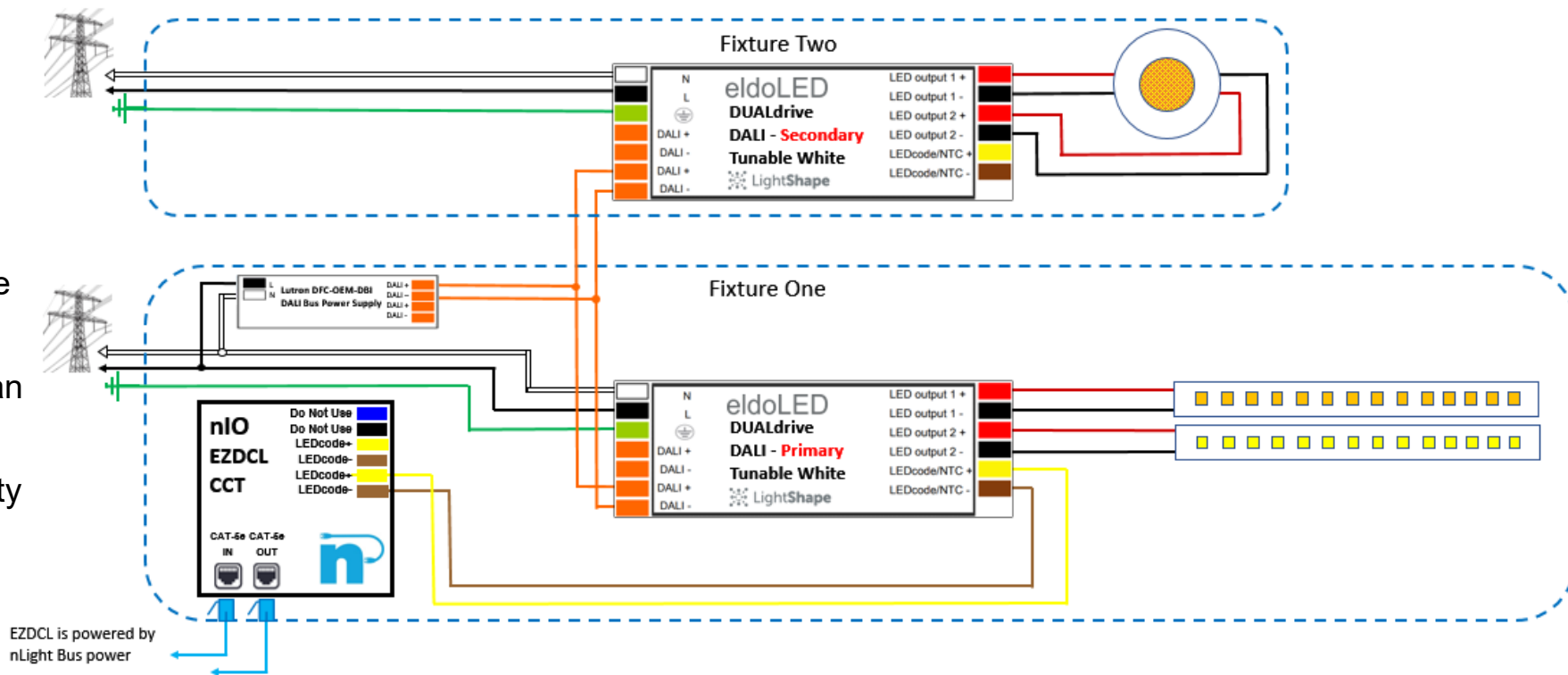
EZDCL is powered by nLight Bus power

nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Drivers w/LEDcode Cross (Multi-Fixture)

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires two CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Drivers
- DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT gets power from the nLight Bus (3mA sink)
- Up to 15 more secondary Fixtures can be added to DALI bus
- DALI bus power provided by 3rd Party DALI Power Supply

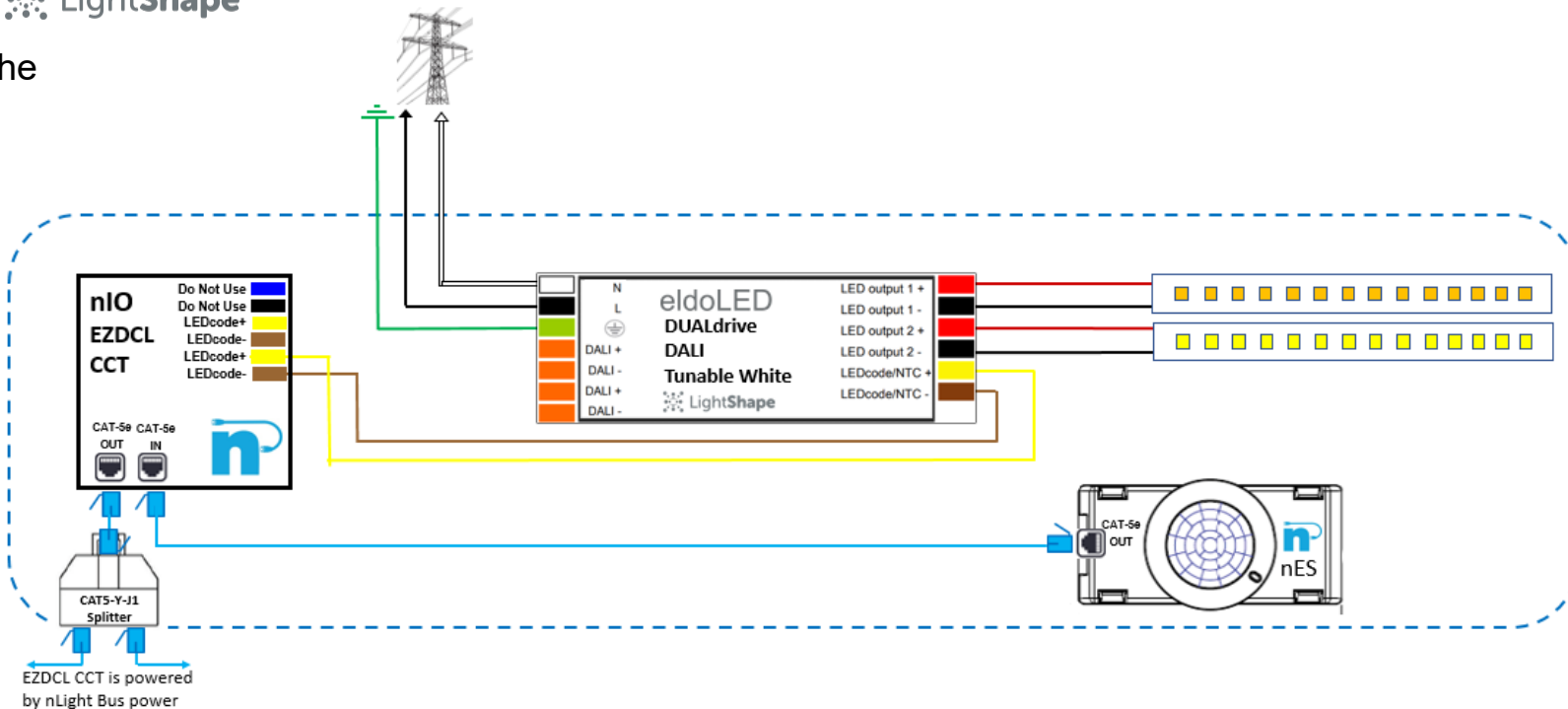


nIO EZDCL CCT



Solution: nIO EZDCL CCT + DALI Driver + nES Sensor

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Driver
 - DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT and Sensor get power from the nLight Bus (6mA sink)
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture



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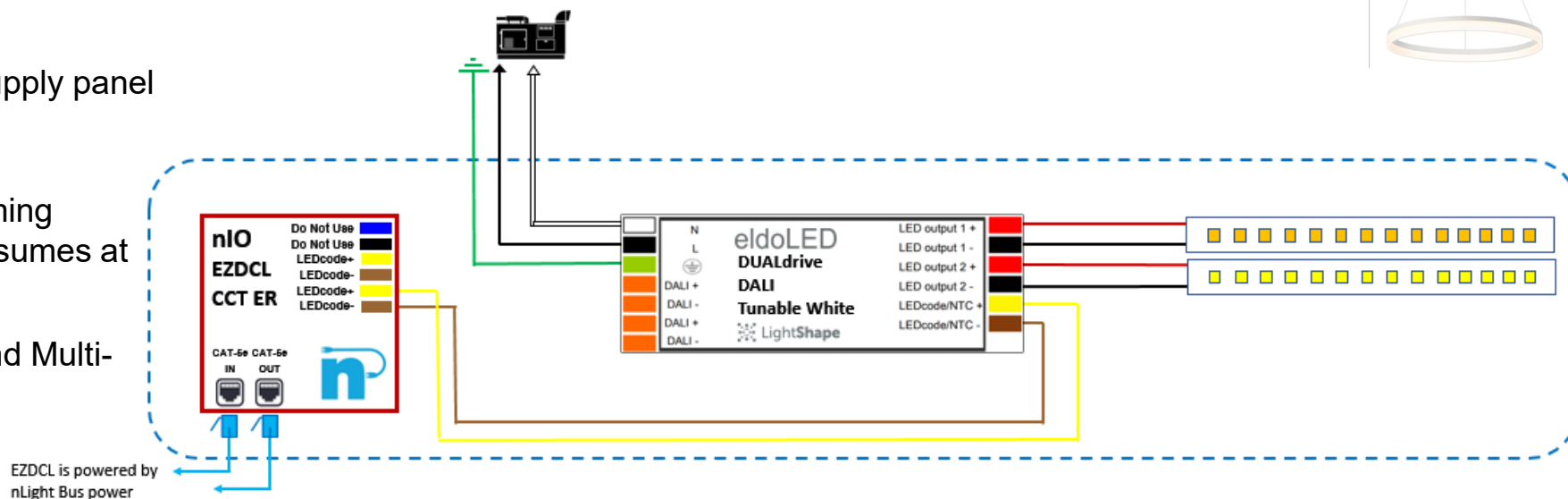
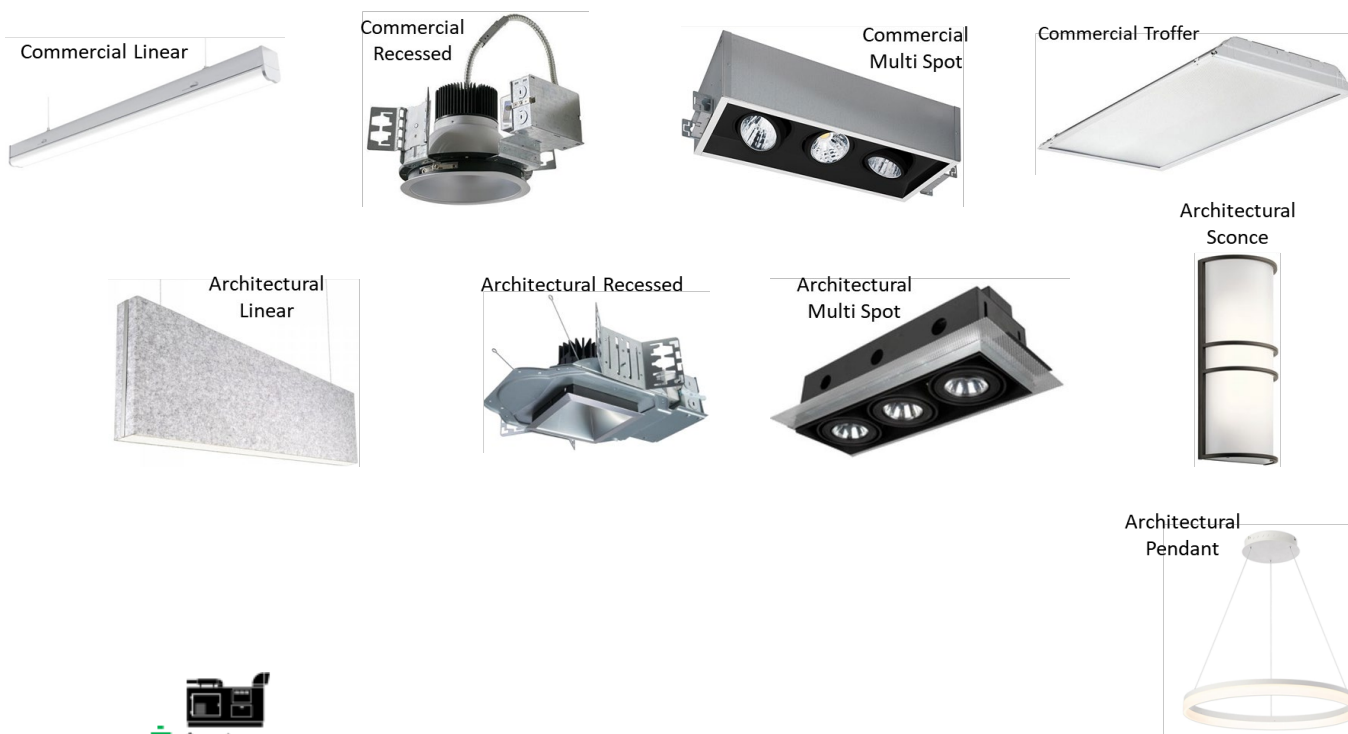
nIO EZDCL CCT ER Solutions

nIO EZDCL CCT ER



Solution: nIO EZDCL CCT ER + DALI Driver

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Driver
- DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output
- See COB Solutions for Recessed and Multi-Spot on the **Next Page**



EZDCL is powered by nLight Bus power

nIO EZDCL CCT ER



Solution: nIO EZDCL CCT ER + DALI Driver

- Continued from previous page
- COB Solutions for Recessed, Multi-Spot and Wall fixtures
- Requires Tunable White COB with 2 different CCT LED circuits



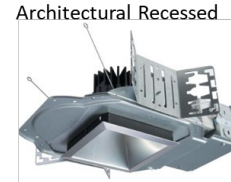
Commercial Recessed



Commercial Multi Spot



Commercial Wall Pack



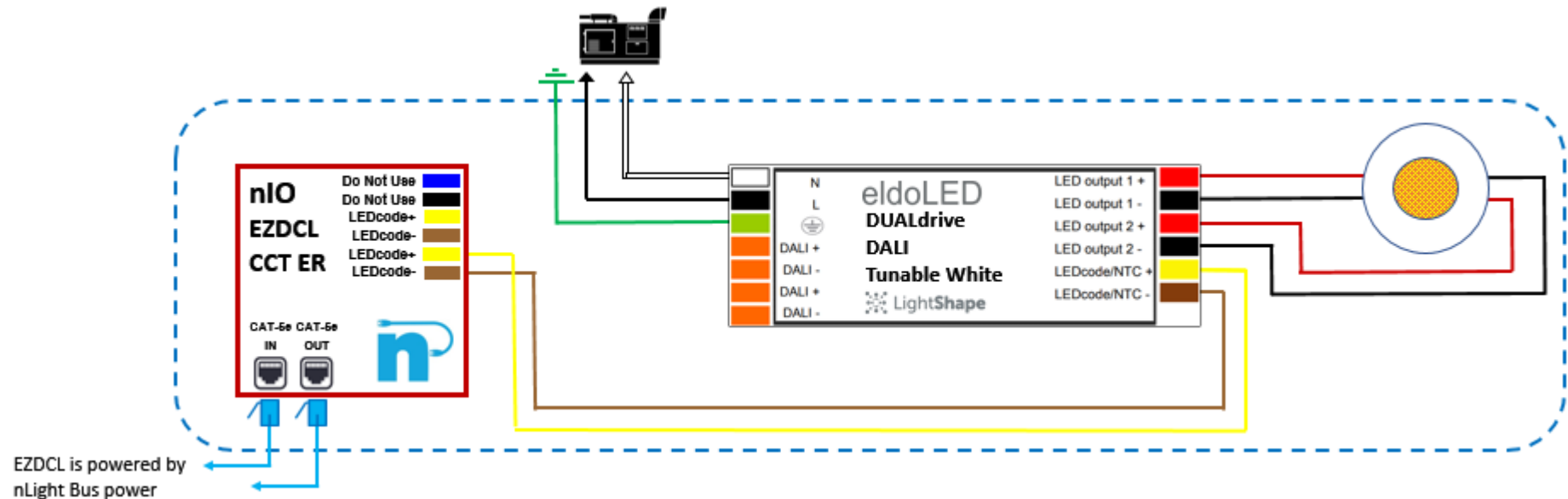
Architectural Recessed



Architectural Multi Spot



Architectural Sconce

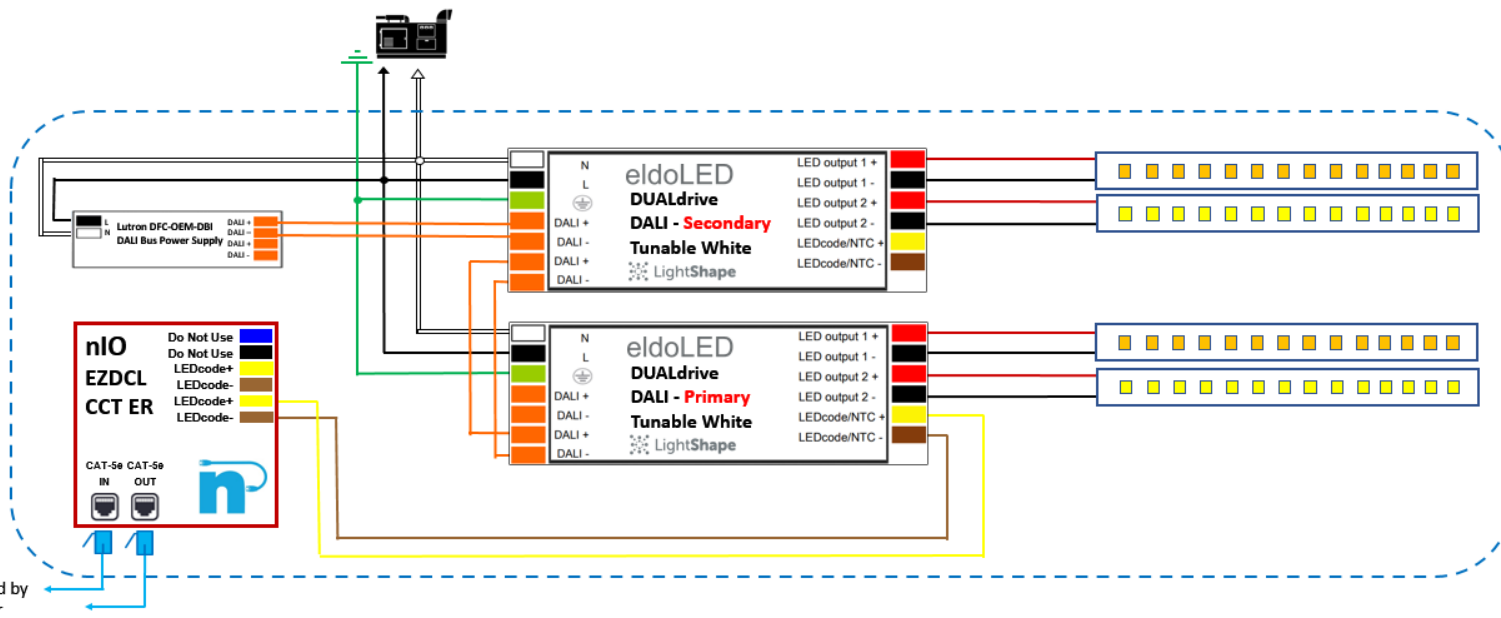
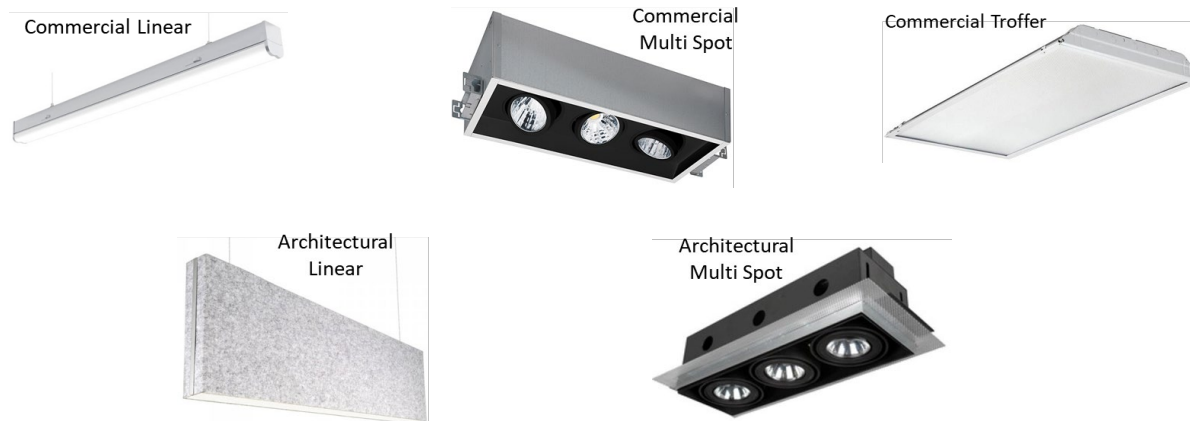


nIO EZDCL CCT ER



Solution: nIO EZDCL CCT ER + DALI Drivers w/LEDcode Cross (Multi-Driver Fixture)

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Drivers
 - DUALdrive provides Tunable White with LightShape
- nIO EZDCL CCT gets power from the nLight Bus (3mA sink)
- Up to 15 more secondary drivers can be added to the fixture
- DALI bus power provided by 3rd Party DALI Power Supply
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

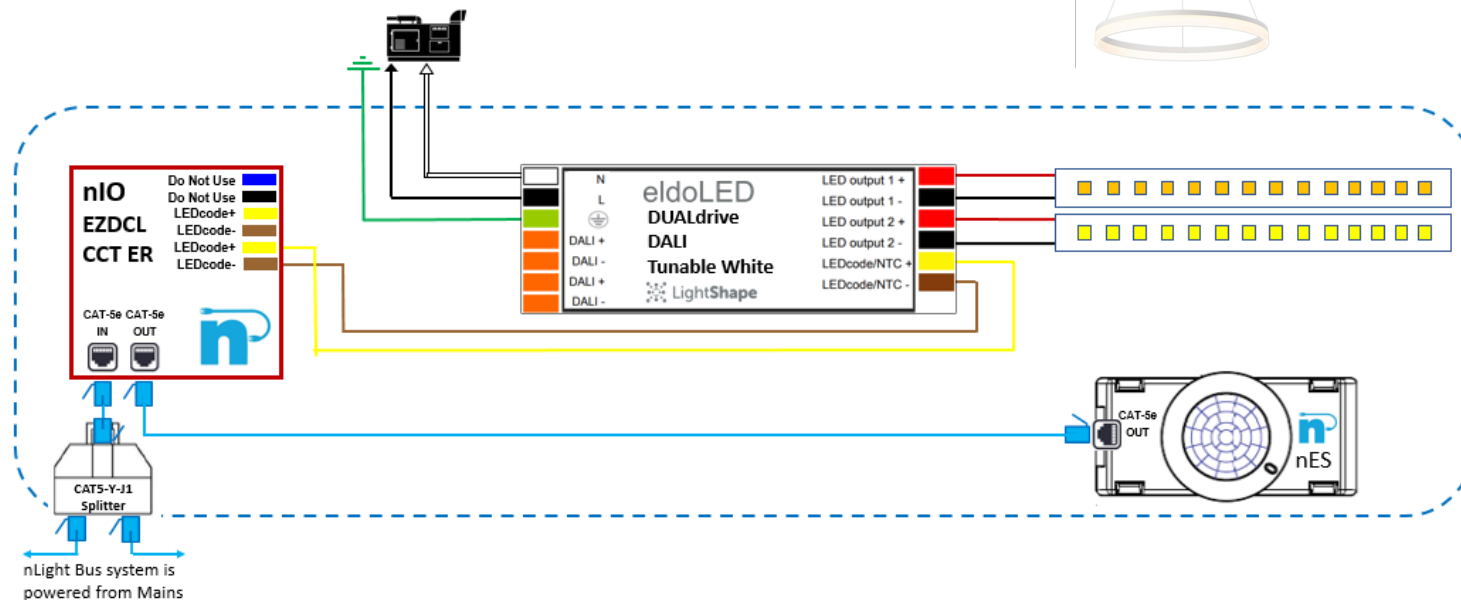


nIO EZDCL CCT ER



Solution: nIO EZDCL CCT ER + DALI Driver + nES Sensor

- Dimming Type: Dynamic Dimming – Tunable White
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – DUALdrive DALI Driver
 - DUALdrive provides Tunable White with LightShape
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- nIO EZDCL CCT ER and Sensor get power from the nLight Bus (6mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture



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nIO EZ PH Solutions

nIO EZ PH



Solution: nIO EZ PH + 0-10V Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power
- See COB Solutions for Recessed and Multi-Spot on **Next Page**



Industrial High Bay



Industrial Low Bay



Industrial Wall Pack



Commercial Multi Spot



Commercial Linear



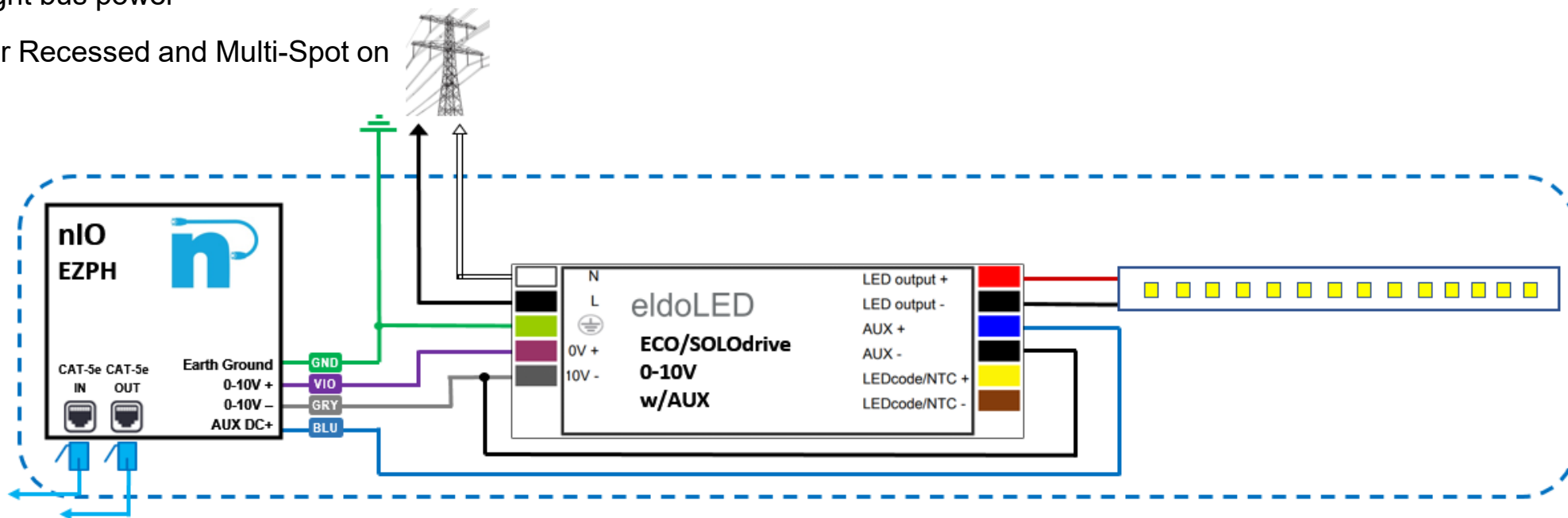
Commercial Recessed



Commercial Troffer



Commercial Wall Pack

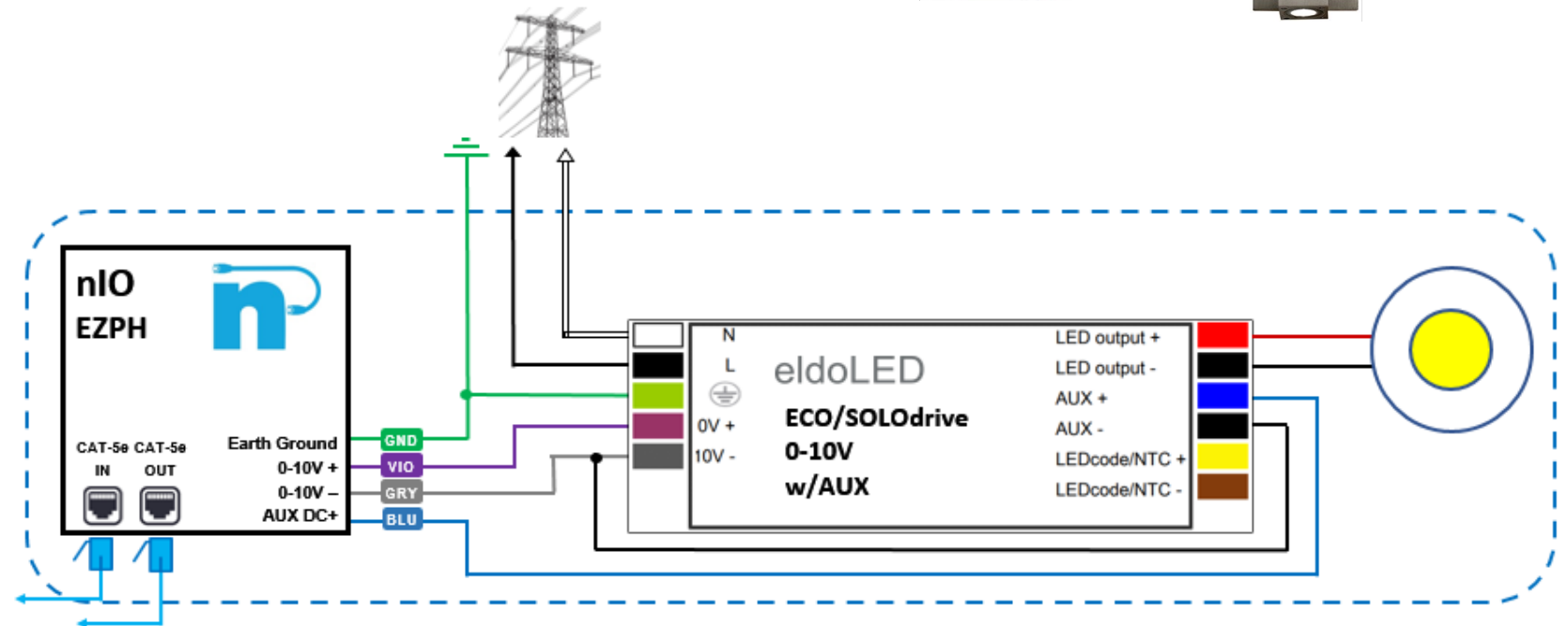


nIO EZ PH



Solution: nIO EZ PH + 0-10V Driver

- Continued from previous page
- COB Solutions for Recessed, Multi-Spot and Wall Pack



nIO EZ PH



Solution: nIO EZ PH + 0-10V Driver + IOTA ILB-CP EM Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Supplies 10mA of nLight bus power
- EM Battery Backup Driver: IOTA ILB-CP supplies constant power for 90 minutes
- Fixture is connected to MAINS power supply panel
- Solution is UL 924 compliant
- When power is lost, dimming commands are canceled – fixture resumes at 100% output



Industrial High Bay



Industrial Low Bay



Industrial Wall Pack



Commercial Multi Spot



Commercial Linear



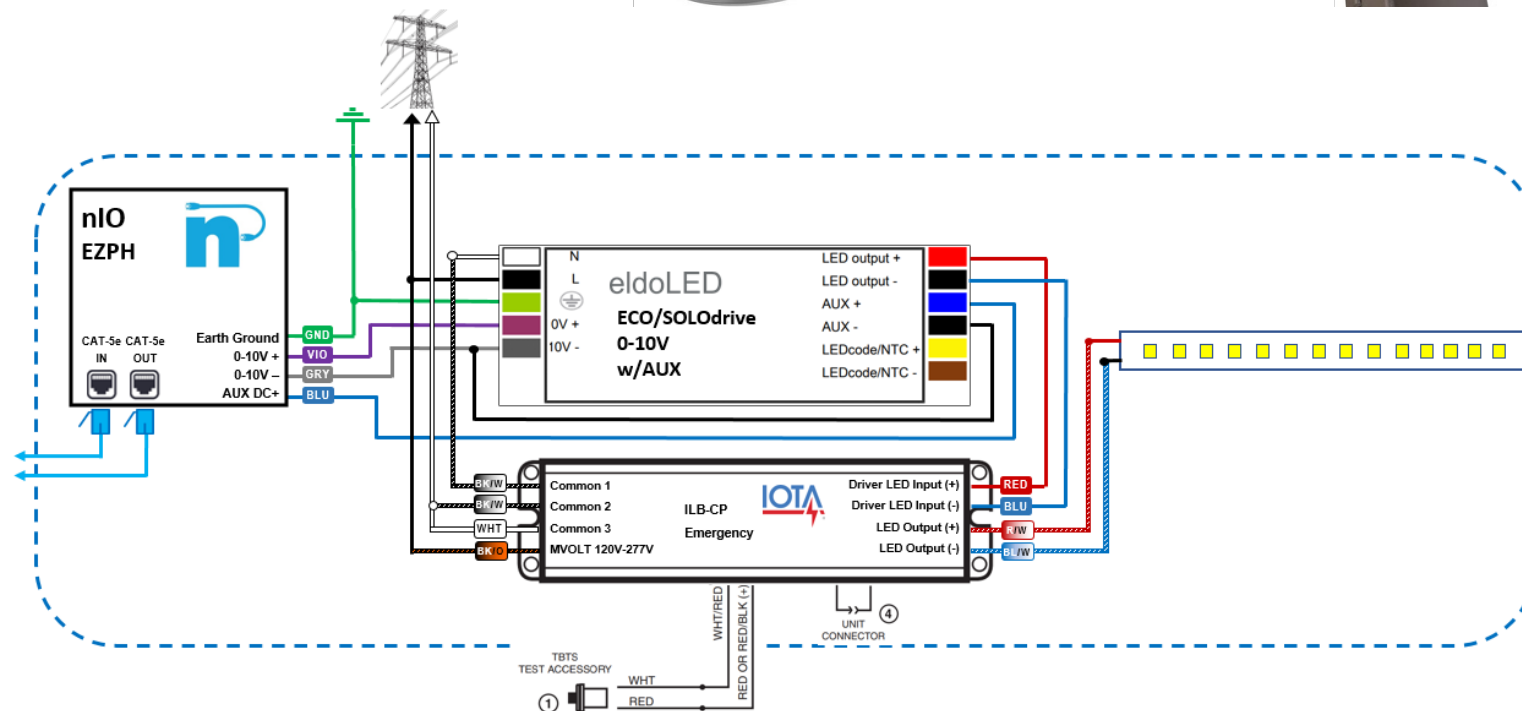
Commercial Recessed



Commercial Troffer



Commercial Wall Pack

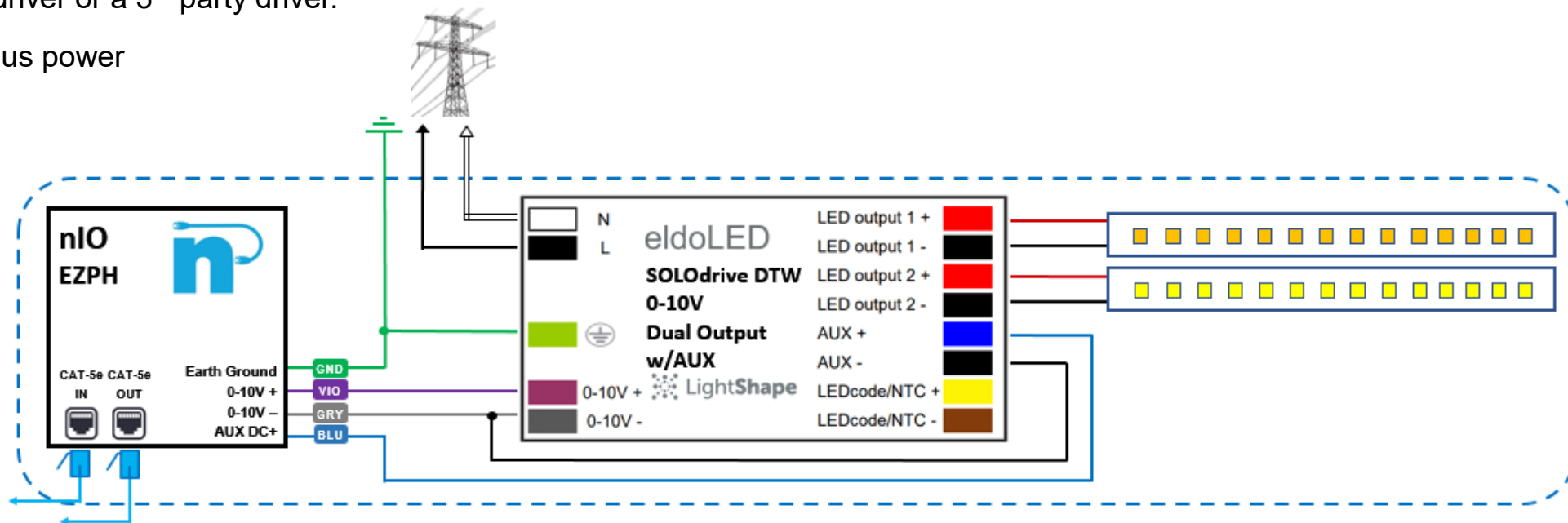
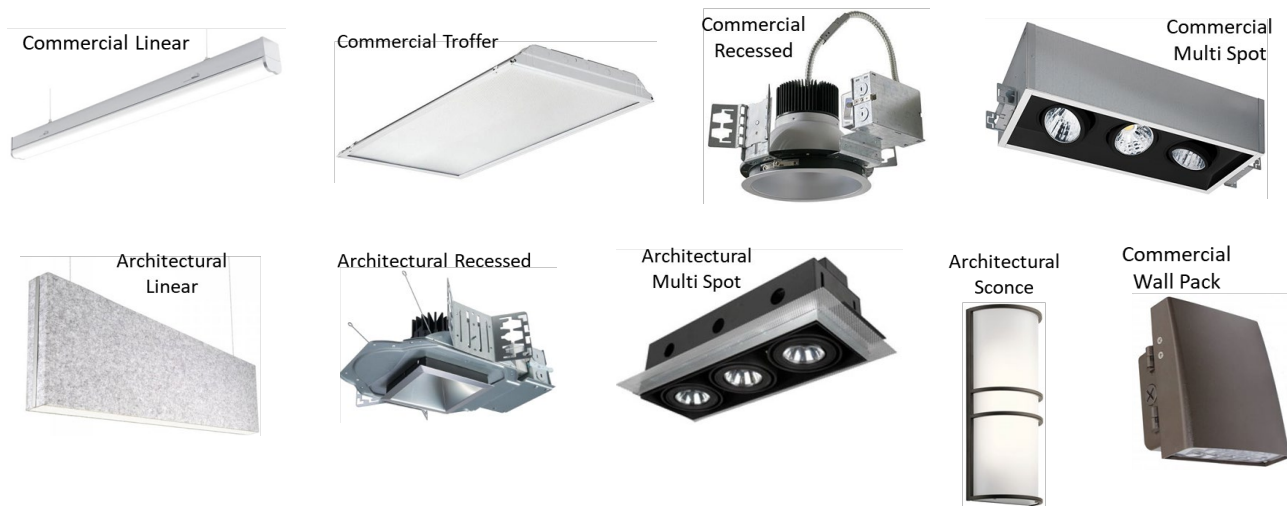


nIO EZ PH



Solution: nIO EZ PH + eldoLED 0-10V Driver

- Dimming Type: Dynamic Dimming – Dim to Warm
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming from LightShape and AUX Power
- Driver Aux: Requires AUX power for the nIO (16-24V, 18mA) from the eldoLED driver or a 3rd party driver.
- Supplies 10mA of nLight bus power

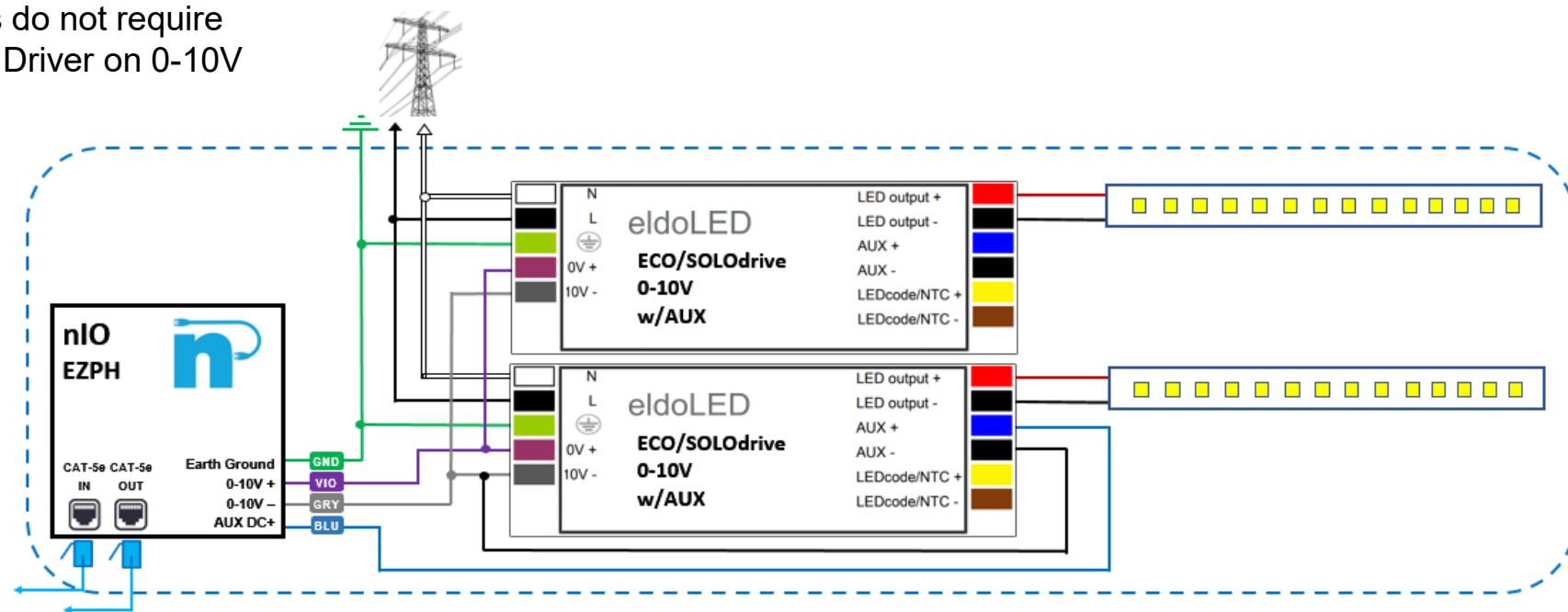


nIO EZ PH



Solution: nIO EZ PH + 0-10V Multi-Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Multi-Driver Fixture – Secondary drivers do not require an AUX and communicate with Primary Driver on 0-10V Bus
- Supplies 10mA of nLight bus power



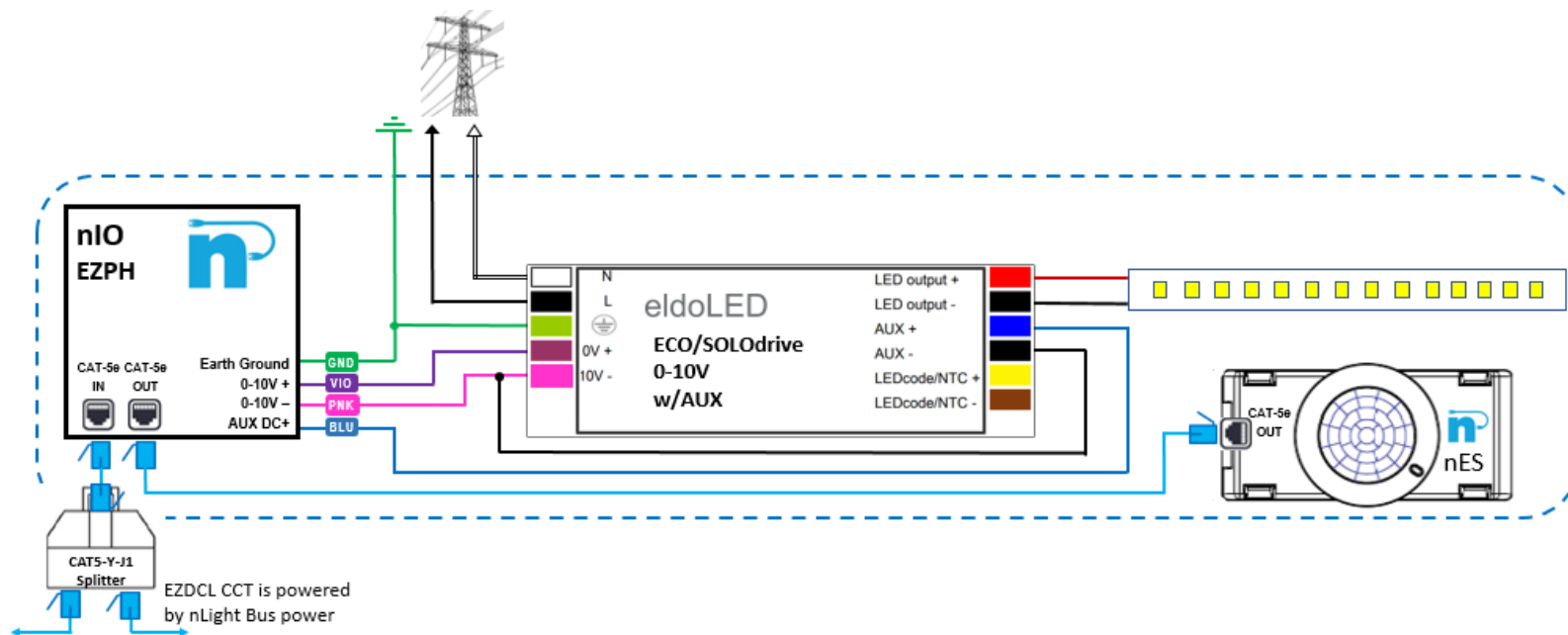
We recommend using one Fixed Aux (16-24V, 18mA) driver spec for all drivers in the fixture. This simplifies assembly and inventory management.

nIO EZ PH



Solution: nIO EZ PH + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture
- Supplies 7mA of nLight bus power
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

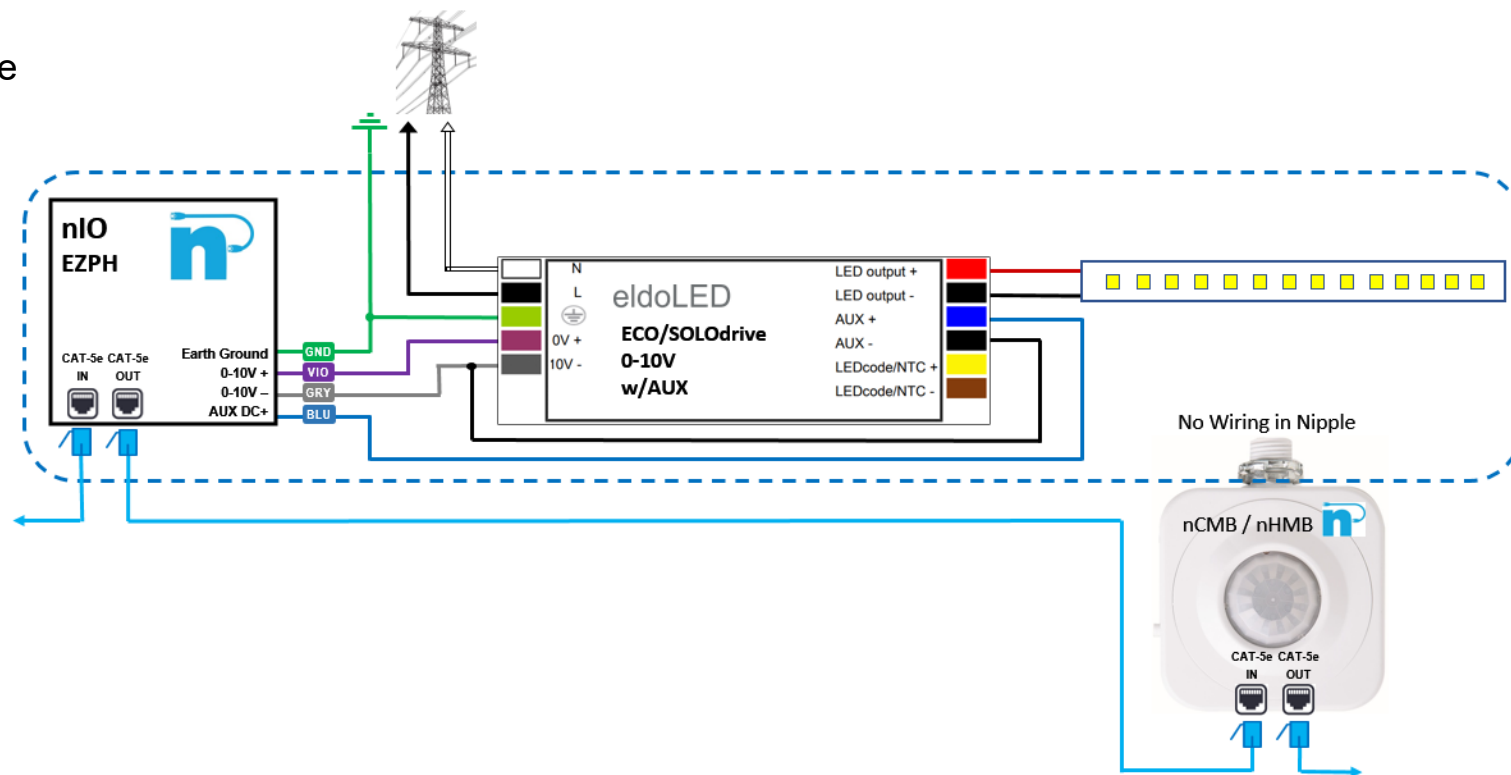


nIO EZ PH



Solution: nIO EZ PH + 0-10V Driver + nCMB / nHMB Sensor

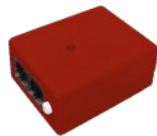
- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming and AUX Power
- Driver Aux: Requires a driver with AUX power for the nIO (16-24V, 18mA)
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- Supplies 7mA of nLight bus power



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nIO EZ PH ER Solutions

nIO EZ PH ER



Solution: nIO EZ PH ER + 0-10V Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- nIO EZ PH ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



Industrial High Bay



Industrial Low Bay



Industrial Wall Pack



Commercial Multi Spot



Commercial Linear



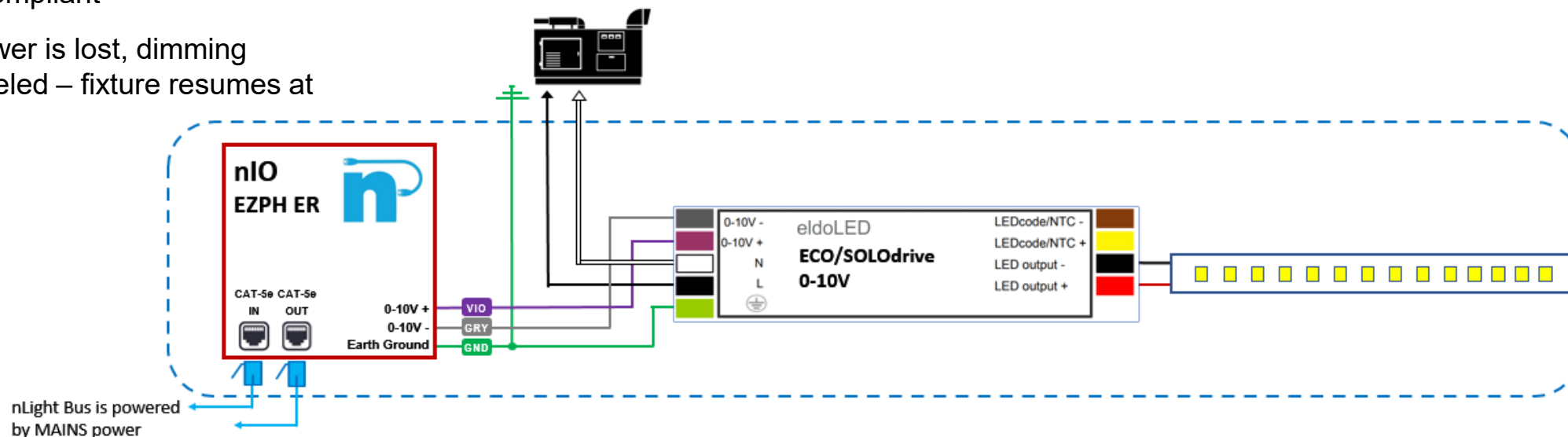
Commercial Recessed



Commercial Troffer




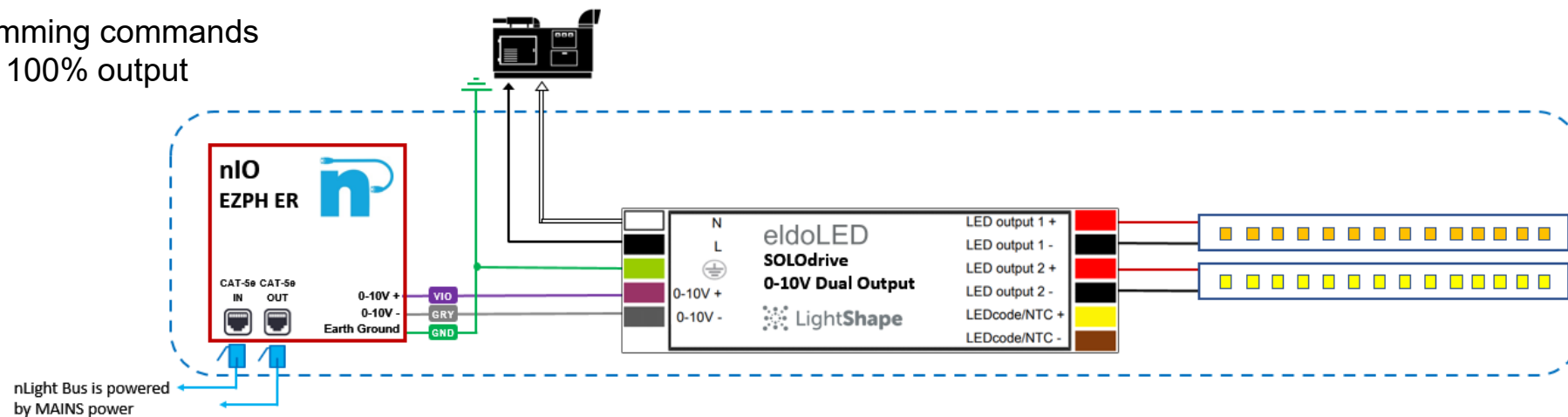
Commercial Wall Pack



nIO EZ PH ER

Solution: nIO EZ PH ER + eldoLED 0-10V Driver

- Dimming Type: Dynamic Dimming – Dim to Warm
 - Requires two different CCT LED Light Engines
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming from  LightShape
- nIO EZ PH ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nIO EZ PH ER

Solution: nIO EZ PH ER + 0-10V Driver

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- nIO EZ PH ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

Industrial Wall Pack



Commercial Wall Pack



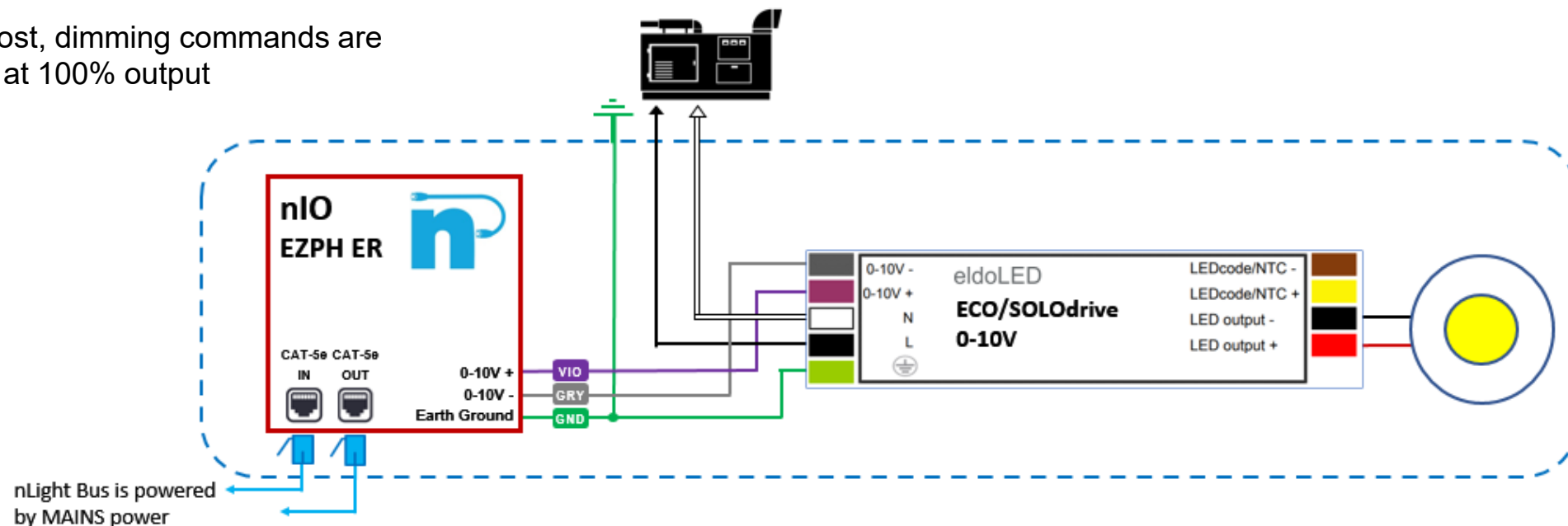
Architectural Sconce



Commercial Recessed



Commercial Multi Spot

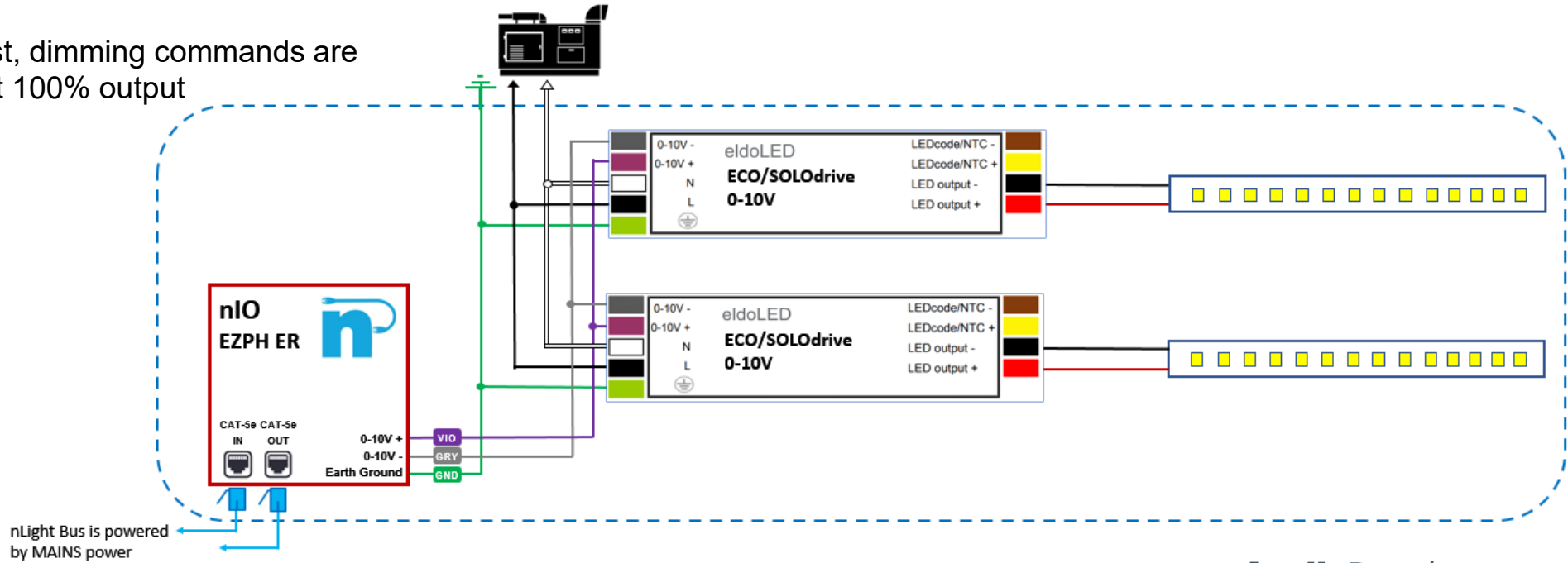


nLight Bus is powered by MAINS power

nIO EZ PH ER

Solution: nIO EZ PH ER + 0-10V Multi-Driver

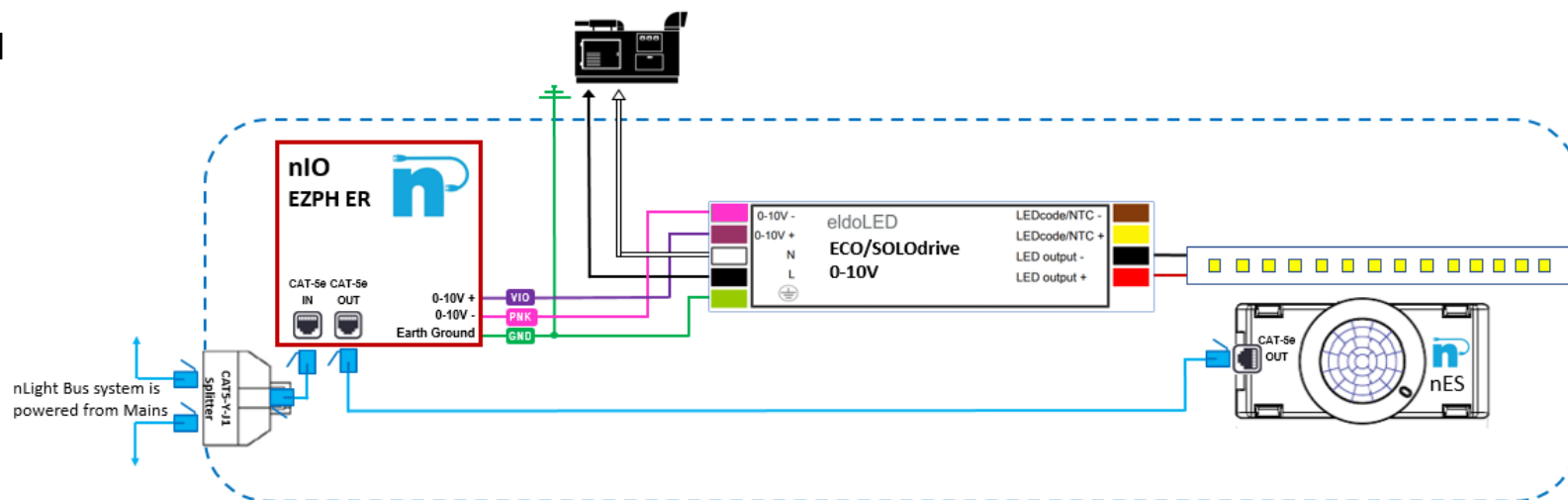
- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- nIO EZ PH ER gets power from the nLight Bus (3mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nIO EZ PH ER

Solution: nIO EZ PH ER + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- nIO EZ PH ER and Sensor get power from the nLight Bus (6mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

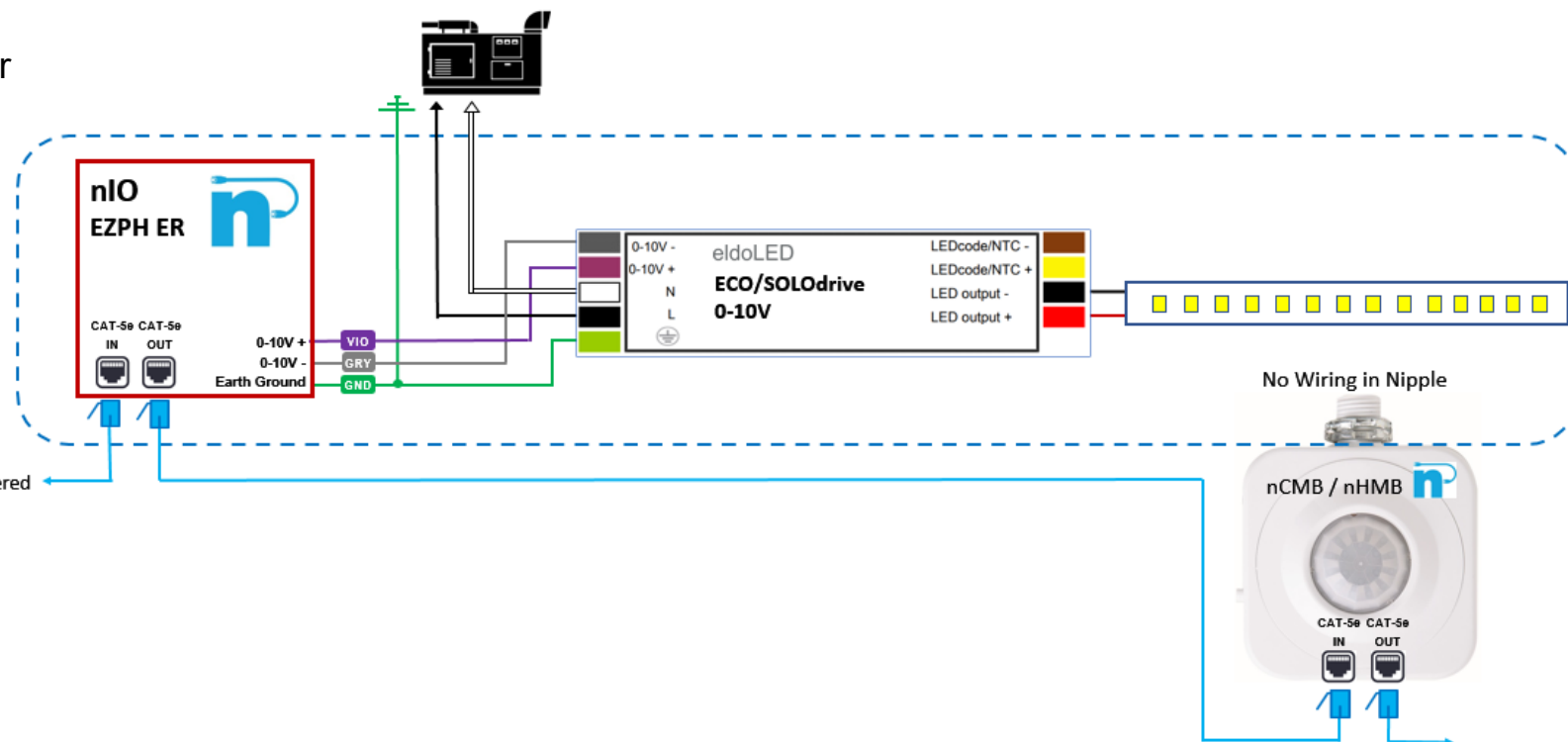


nIO EZ PH ER



Solution: nIO EZ PH ER + 0-10V Driver + nCMB / HMB Sensor

- Dimming Type: Intensity Dimming
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- nIO EZ PH ER and Sensor get power from the nLight Bus (6mA sink)
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



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nPS 80 EZ Solutions

nPS 80 EZ



Solution: nPS 80 EZ Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nPS 80 EZ Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Best solution when a nIO won't fit in fixture



Industrial High Bay



Industrial Low Bay



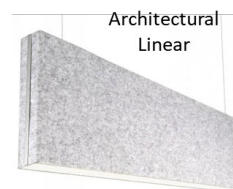
Commercial Linear



Commercial Recessed



Commercial Multi Spot



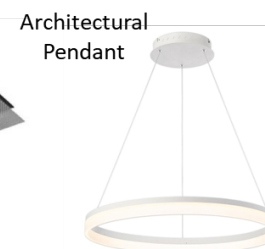
Architectural Linear



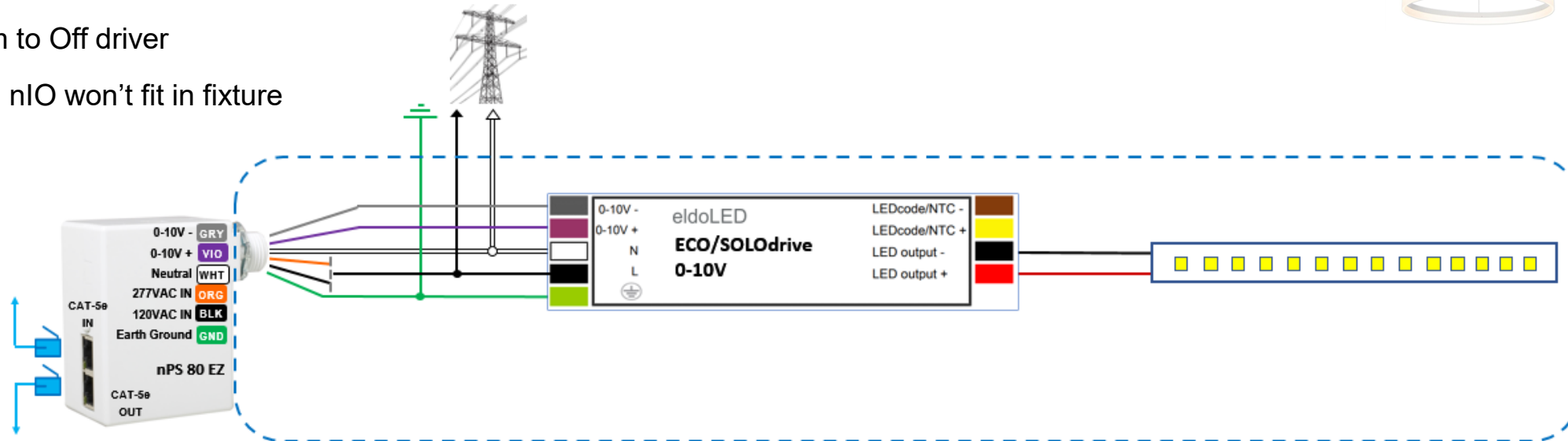
Architectural Recessed



Architectural Multi Spot



Architectural Pendant

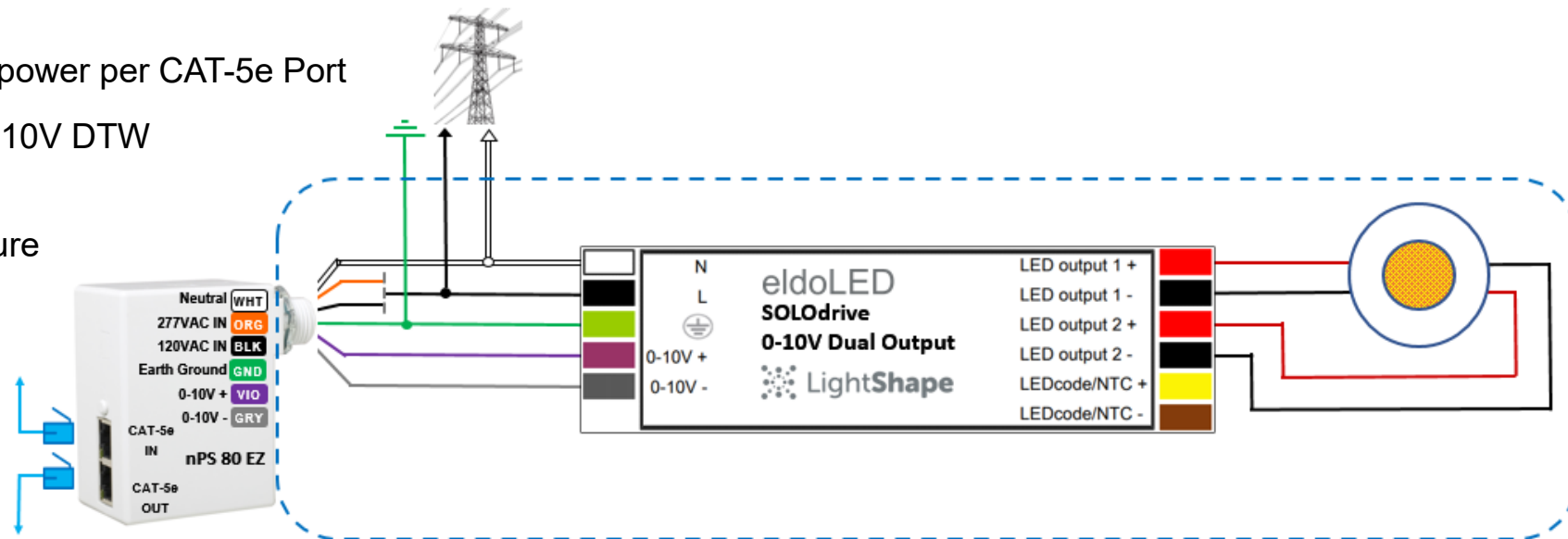
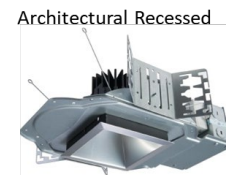


nPS 80 EZ



Solution: nPS 80 EZ Power Pack + eldoLED 0-10V DTW Driver

- Dimming Type: Dynamic Dimming – Dim to Warm (DTW)
 - Requires a Tunable White COB with 2 circuits of different CCT LED
- nPS 80 EZ Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming with LightShape
- Best solution when a nIO won't fit in fixture

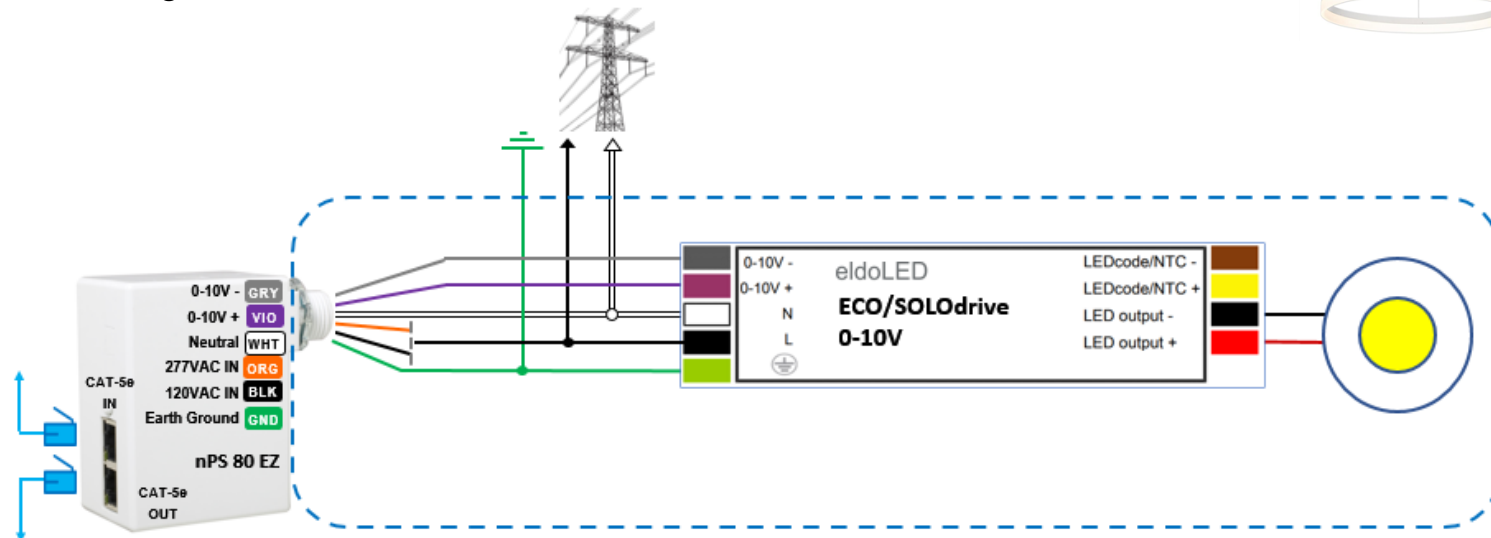


nPS 80 EZ



Solution: nPS 80 EZ Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nPS 80 EZ Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Best solution when a nIO won't fit in fixture

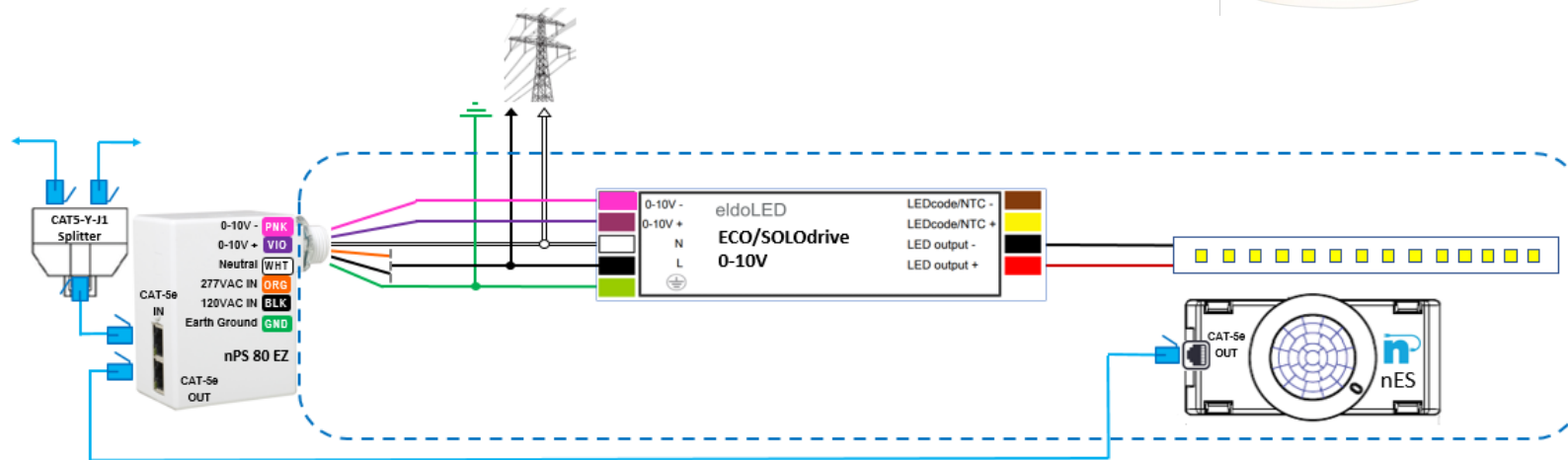
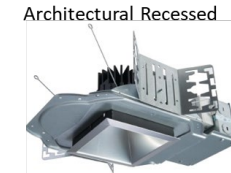


nPS 80 EZ



Solution: nPS 80 EZ Power Pack + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- nPS 80 EZ Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Best solution when a nIO won't fit in fixture
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

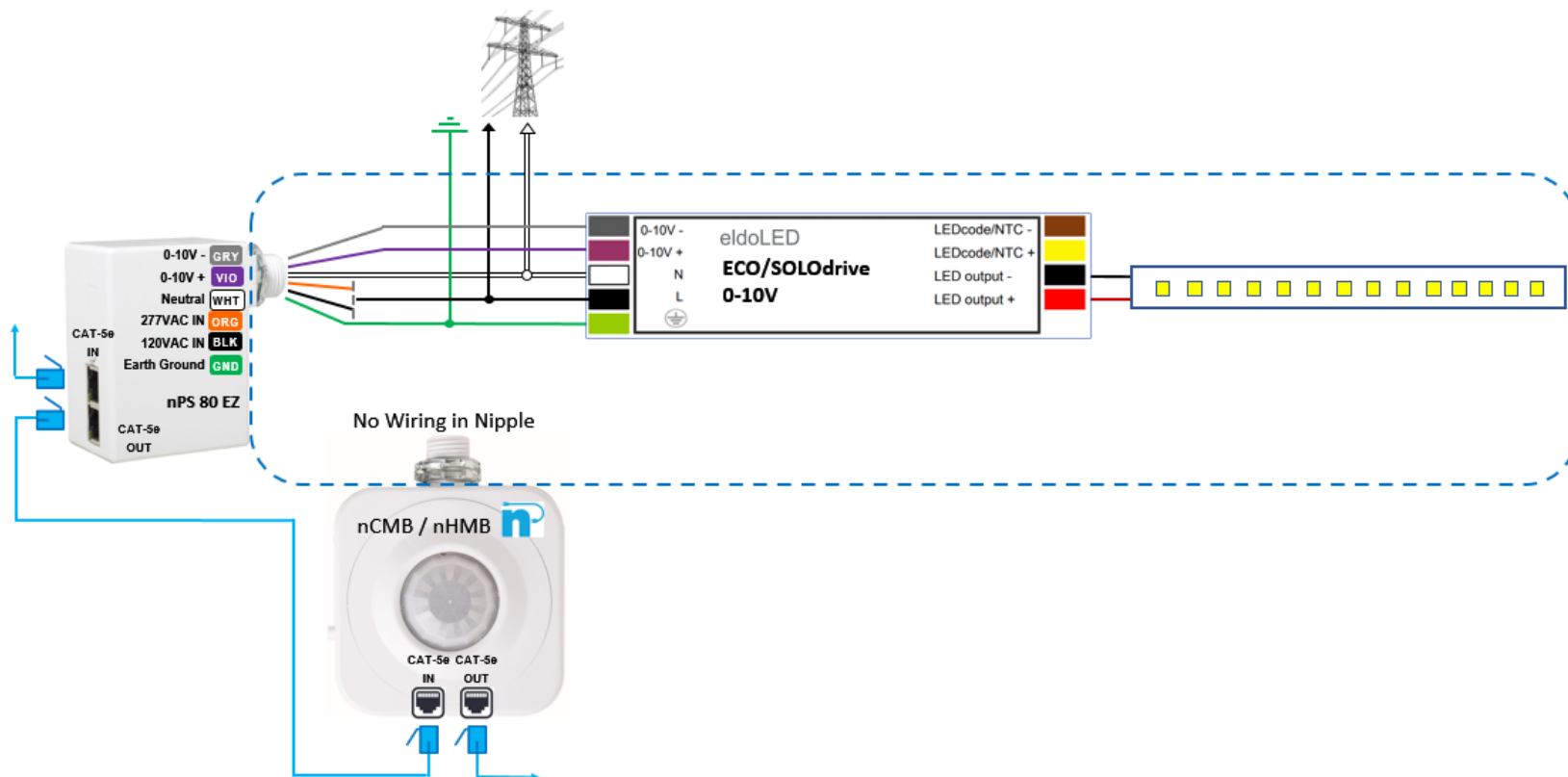


nPS 80 EZ



Solution: nPS 80 EZ Power Pack + 0-10V Driver + nCMB / nHMB Sensor

- Dimming Type: Intensity Dimming
- nPS 80 EZ Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- Best solution when a nIO won't fit in fixture



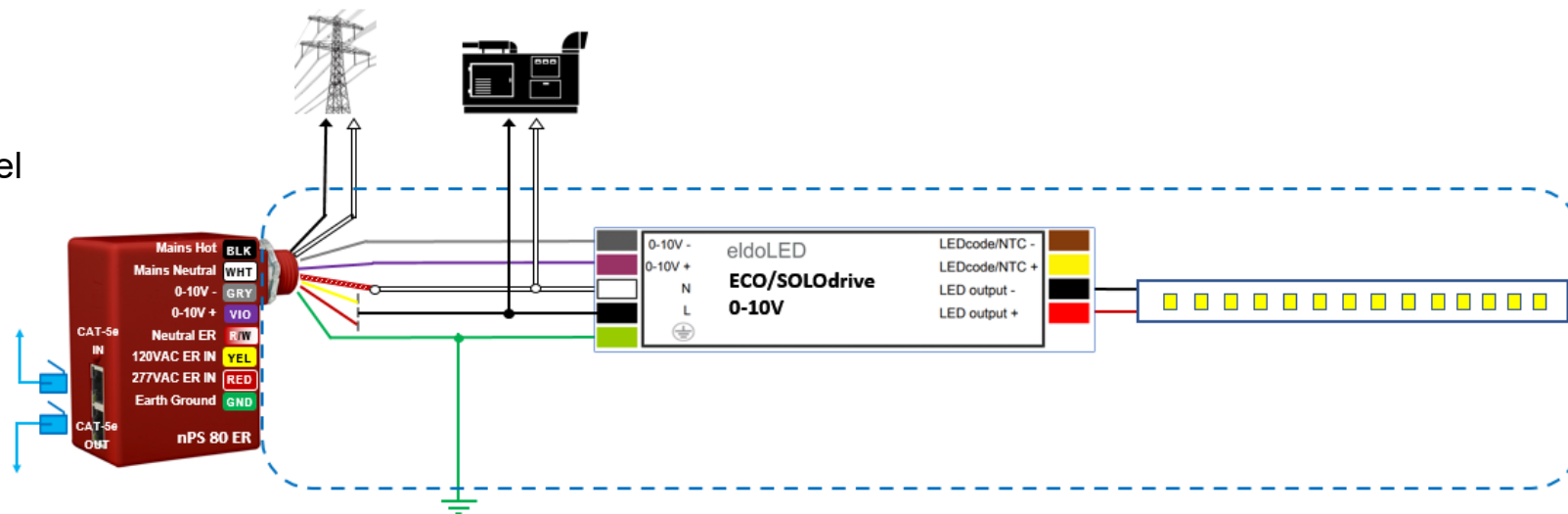
11

nPS 80 EZ ER Solutions

nPS 80 EZ ER

Solution: nPS 80 EZ ER Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nPS 80 EZ ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output

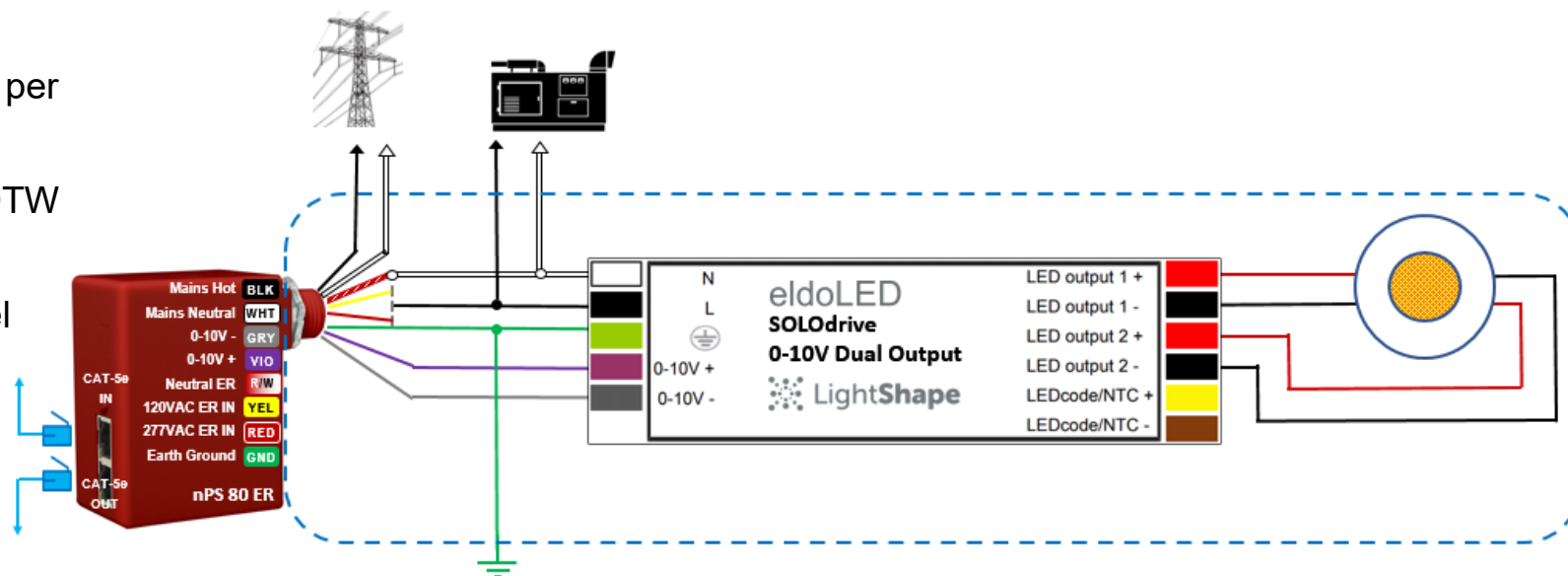


nPS 80 EZ ER



Solution: nPS 80 EZ ER Power Pack + eldoLED 0-10V DTW Driver

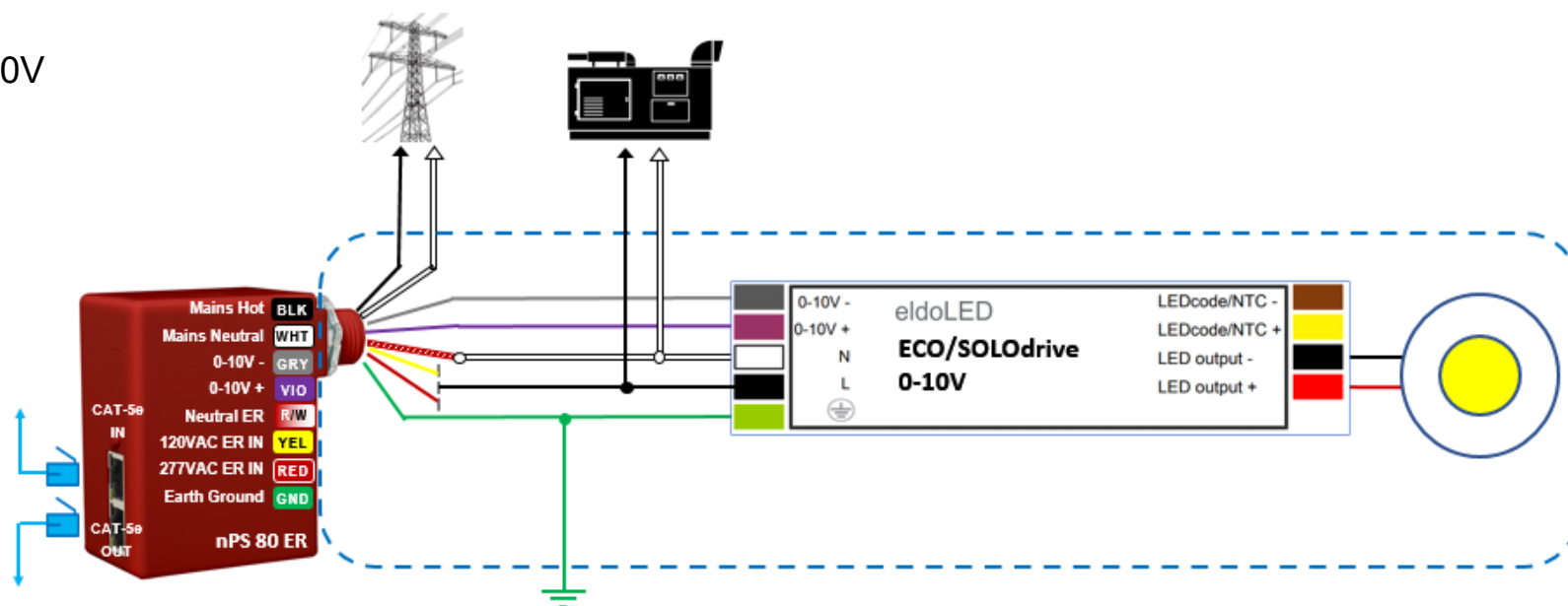
- Dimming Type: Dynamic Dimming – DTW
 - Requires a Tunable White COB with 2 circuits of different CCT LED
- nPS 80 EZ ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming with LightShape
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nPS 80 EZ ER

Solution: nPS 80 EZ ER Power Pack + 0-10V Driver

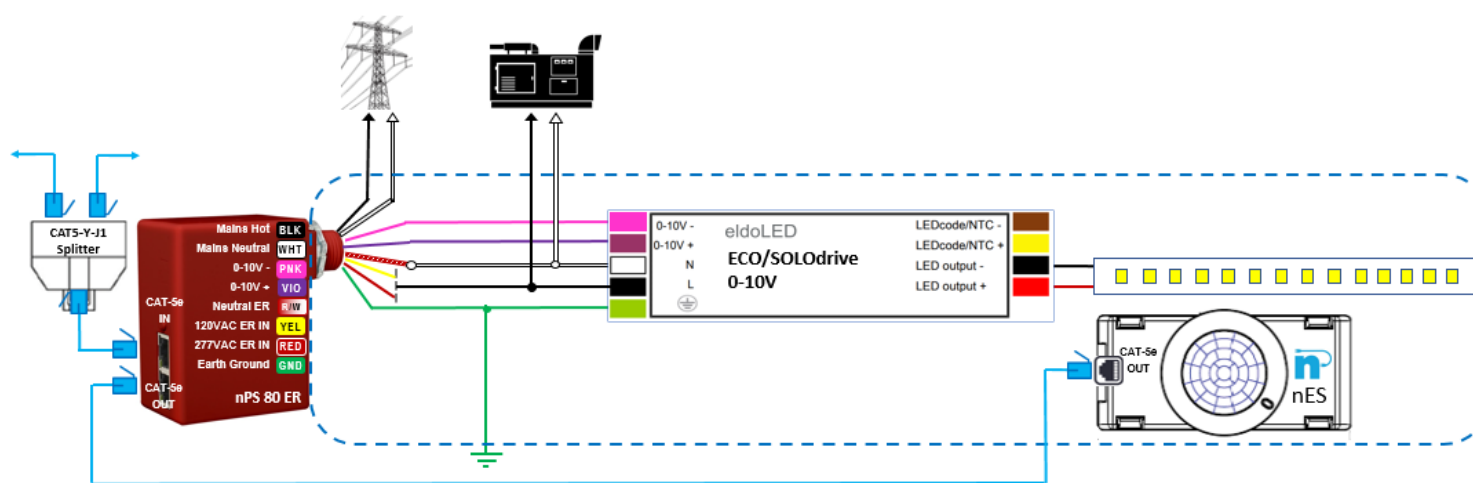
- Dimming Type: Intensity Dimming
- nPS 80 EZ ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
 - Requires a Dim to Off driver
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nPS 80 EZ ER

Solution: nPS 80 EZ ER Power Pack + 0-10V Driver + nES Sensor

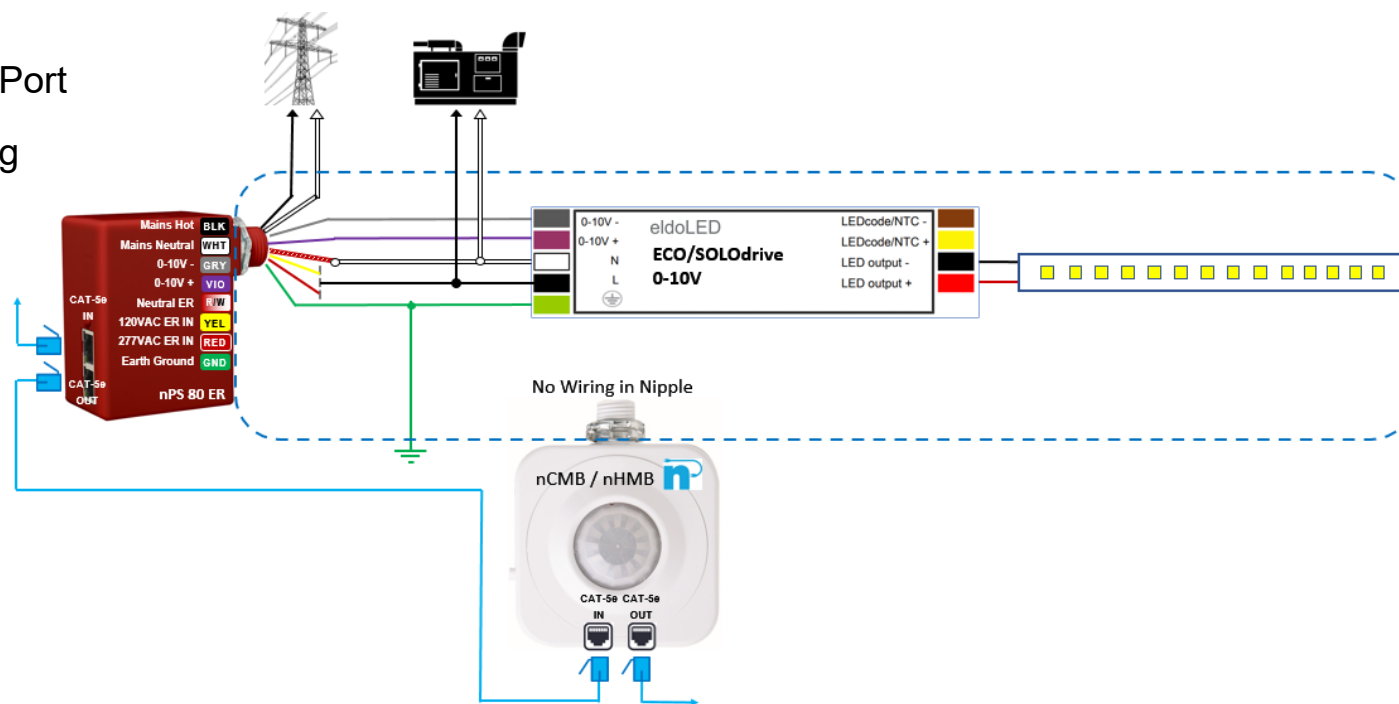
- Dimming Type: Intensity Dimming
- nPS 80 EZ ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost:
 - Dimming commands are canceled
 - Fixture resumes at 100% output
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to



nPS 80 EZ ER

Solution: nPS 80 EZ ER Power Pack + 0-10V Driver + nCMB / nHMB Sensor

- Dimming Type: Intensity Dimming
- nPS 80 EZ ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage powered
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



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nPP 16 Solutions

nPP16



Solution: nPP16 Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nPP16 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming



Industrial High Bay



Industrial Low Bay



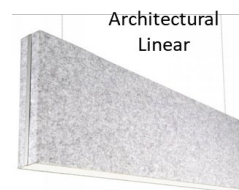
Commercial Linear



Commercial Recessed



Commercial Multi Spot



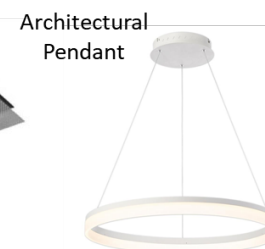
Architectural Linear



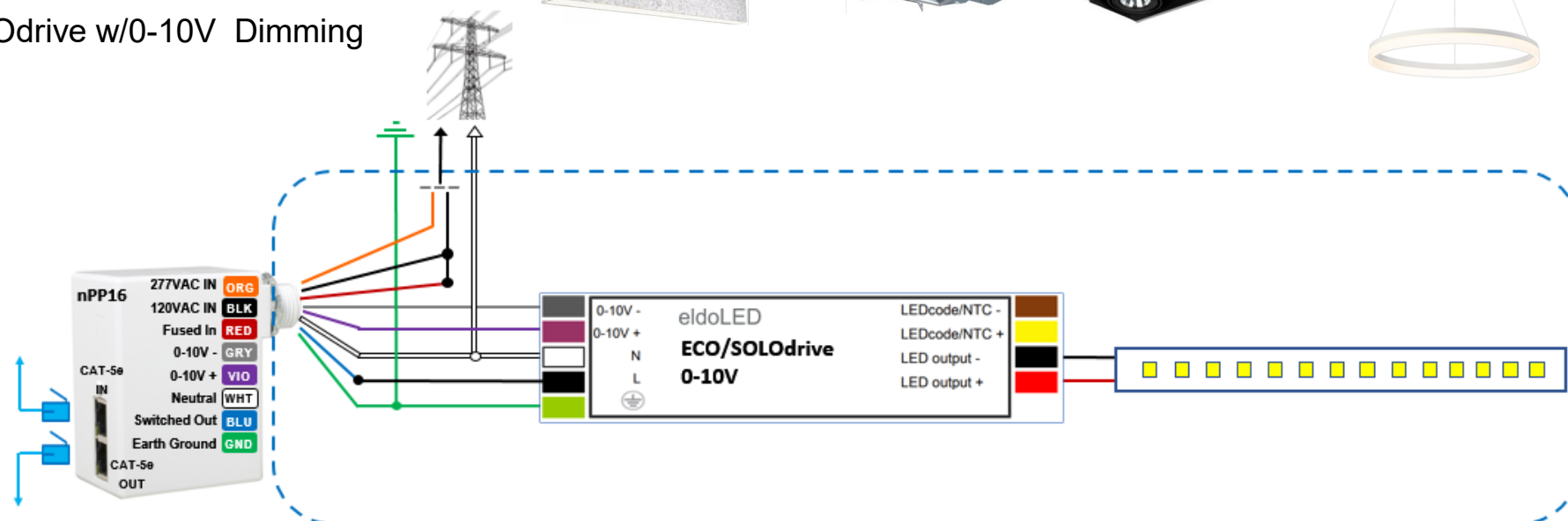
Architectural Recessed



Architectural Multi Spot



Architectural Pendant

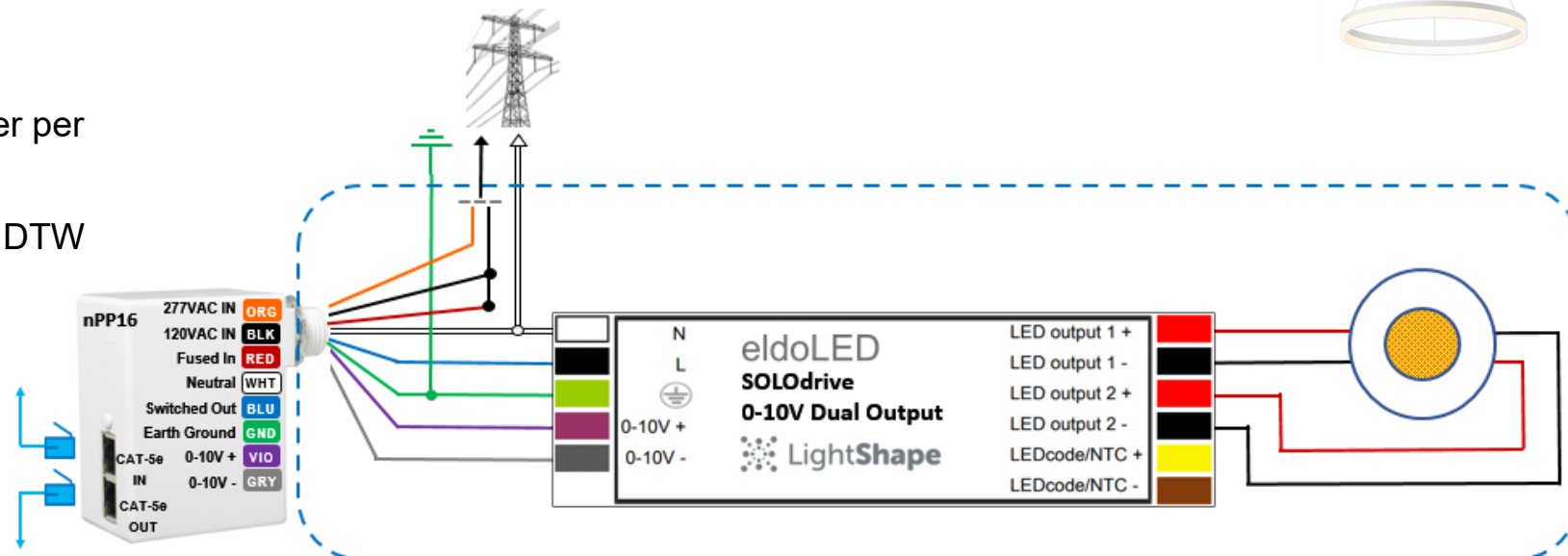
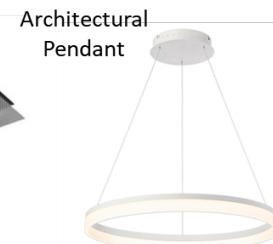
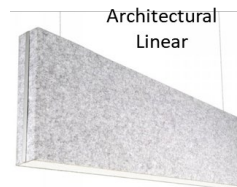


nPP16



Solution: nPP16 Power Pack + eldoLED 0-10V DTW Driver

- Dimming Type: Dynamic Dimming – DTW
 - Requires a Tunable White COB with 2 circuits of different CCT LED
- nPP16 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming with LightShape



nPP16



Solution: nPP16 Power Pack + 0-10V Driver

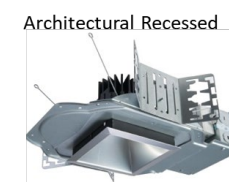
- Dimming Type: Intensity Dimming
- nPP16 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming



Industrial High Bay



Commercial Recessed



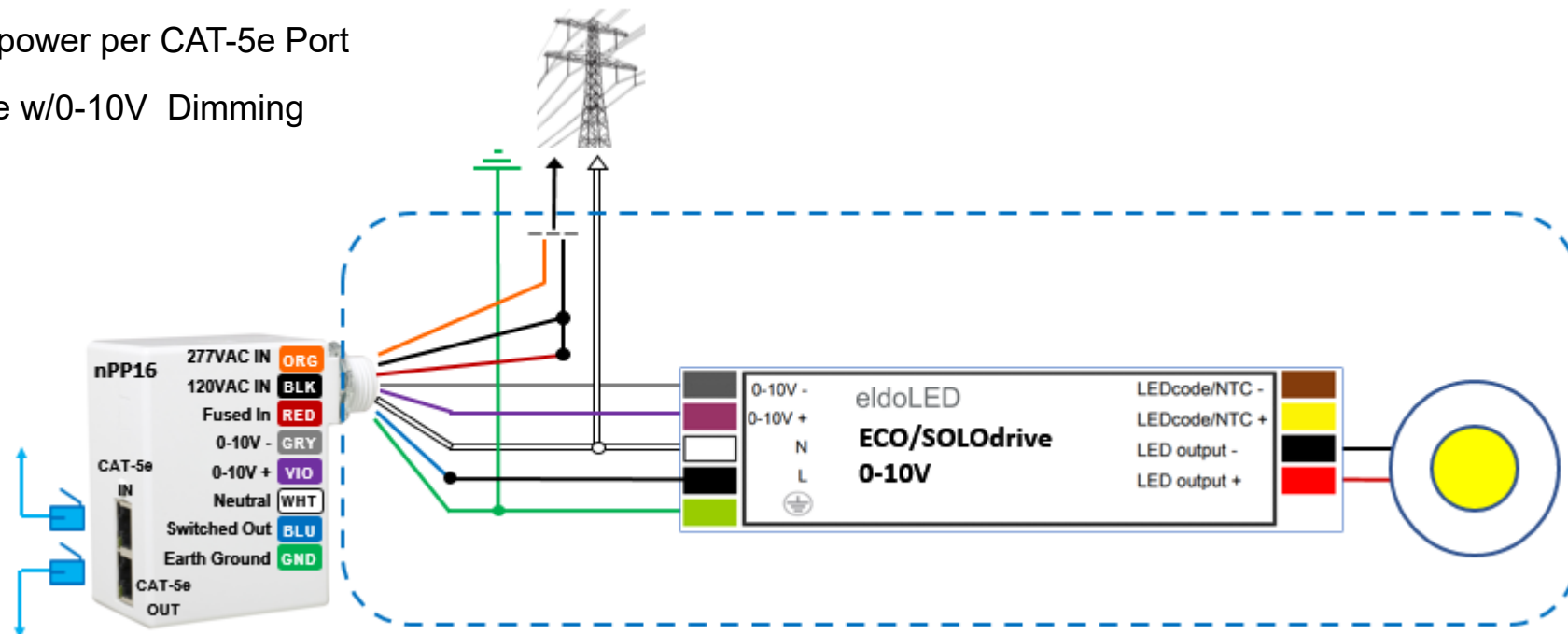
Architectural Recessed



Commercial Multi Spot



Architectural Multi Spot

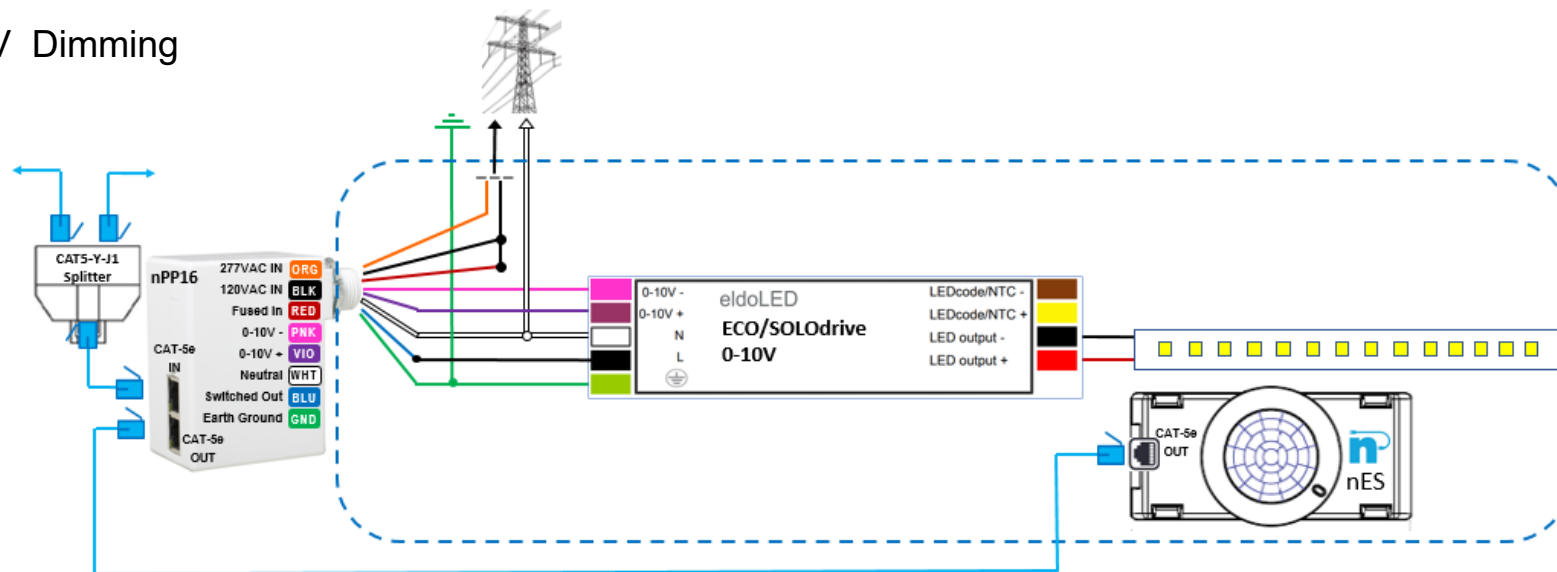


nPP16



Solution: nPP16 Power Pack + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- nPP16 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

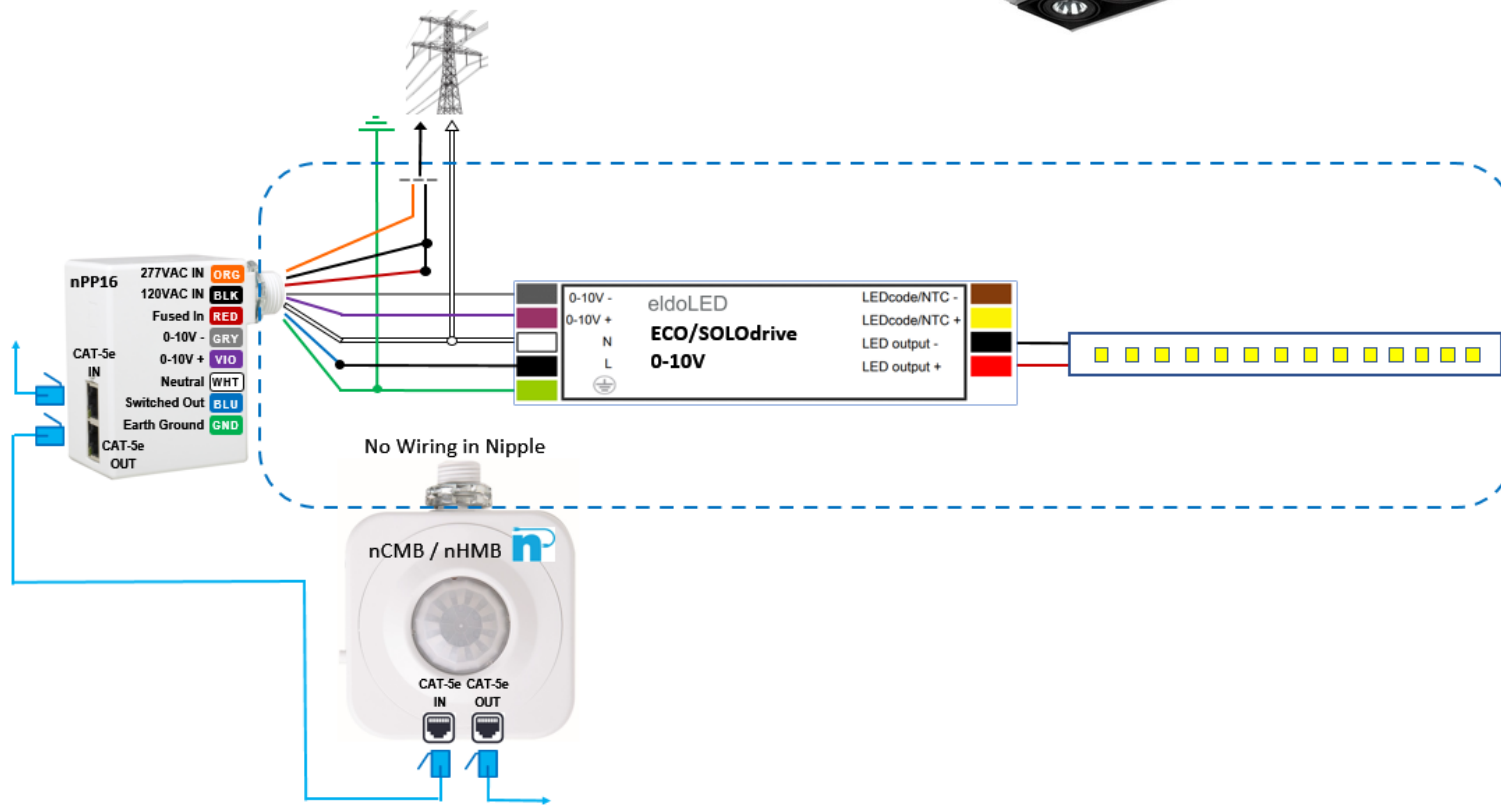


nPP16



Solution: nPP16 Power Pack + 0-10V Driver + nCMB / nHMB Sensor

- Dimming Type: Intensity Dimming
- nPP16 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required



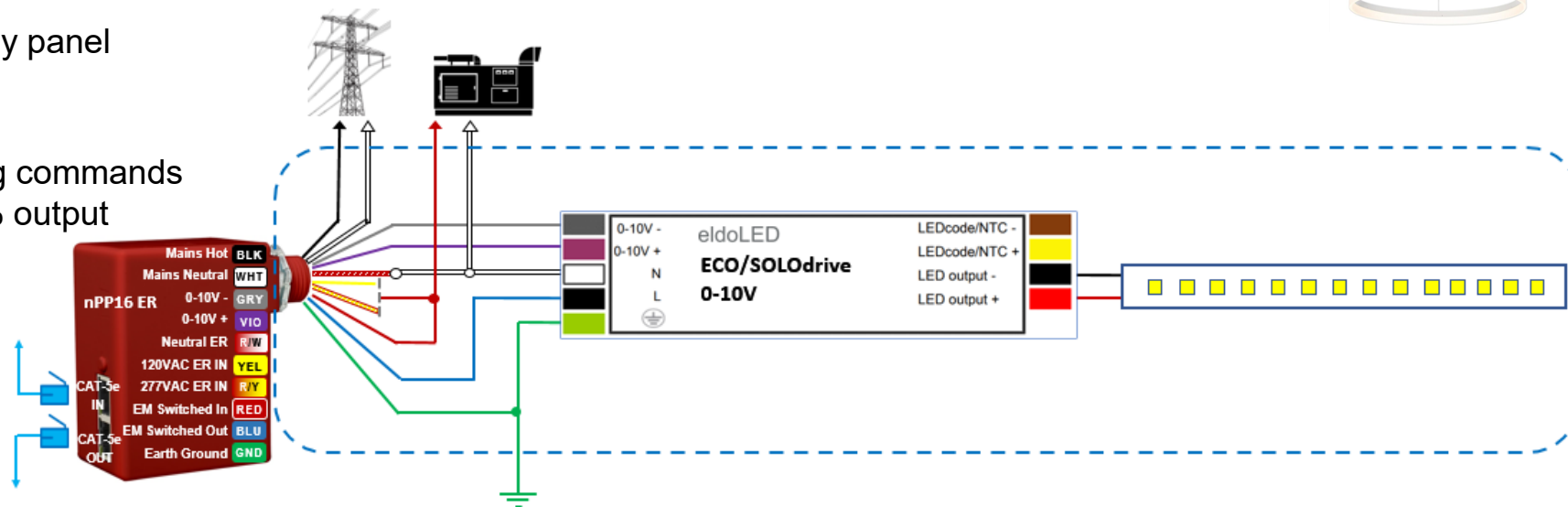
13

nPP 16 ER Solutions

nPP16 ER


Solution: nPP16 ER Power Pack + 0-10V Driver

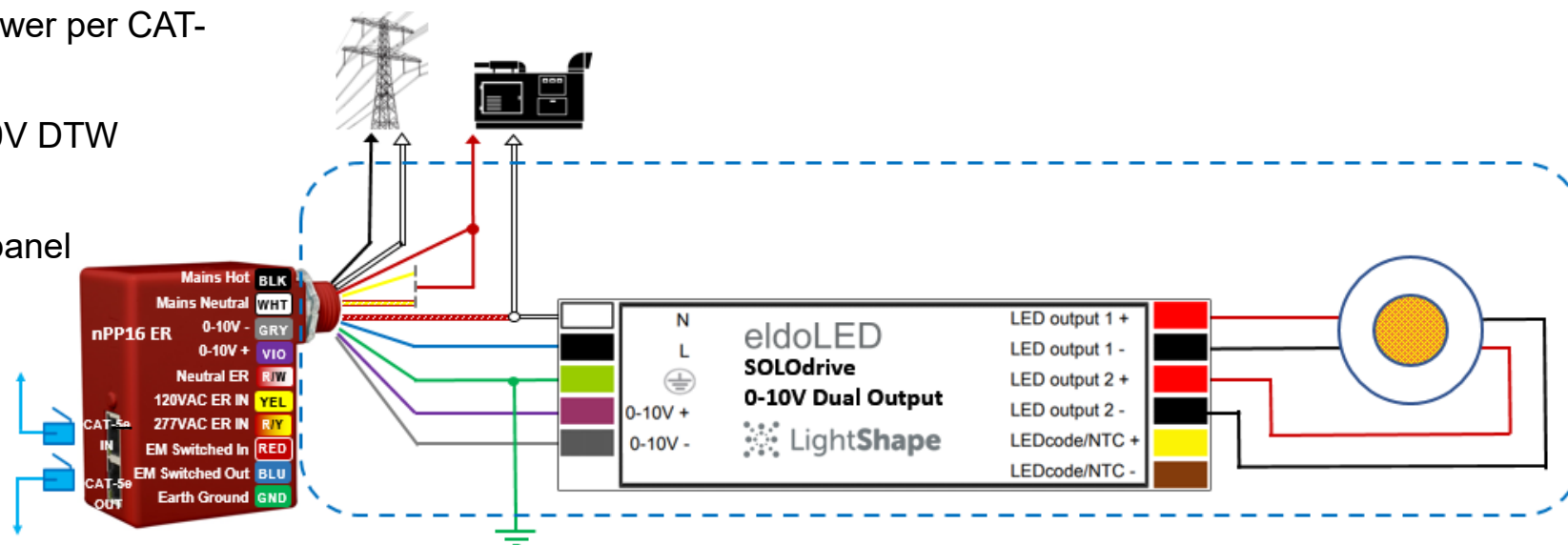
- Dimming Type: Intensity Dimming
- nPP16 ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nPP16 ER

Solution: nPP16 ER Power Pack + 0-10V Driver

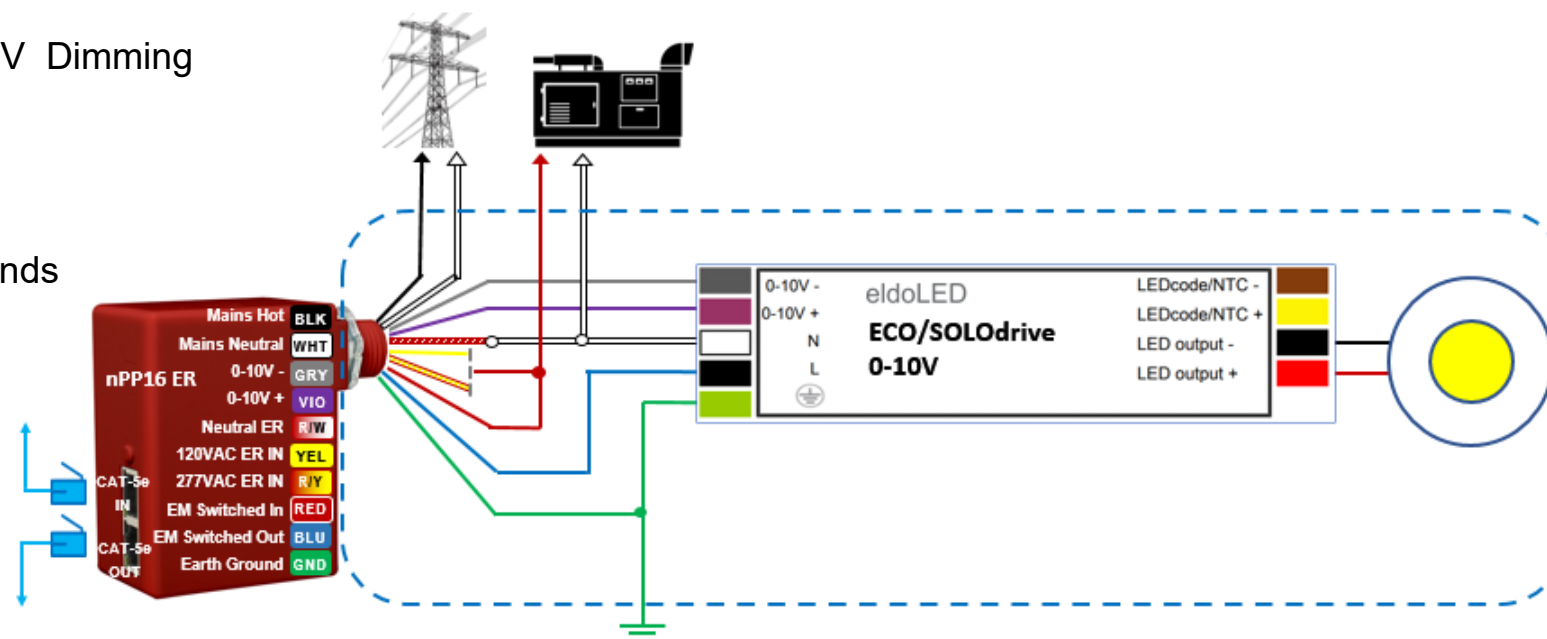
- Dimming Type: Dynamic Dimming – DTW
 - Requires a Tunable White COB with 2 circuits of different CCT LED
- nPP16 ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – SOLOdrive w/0-10V DTW Dimming with  LightShape
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled fixture resumes at 100% output



nPP16 ER

Solution: nPP16 ER Power Pack + 0-10V Driver

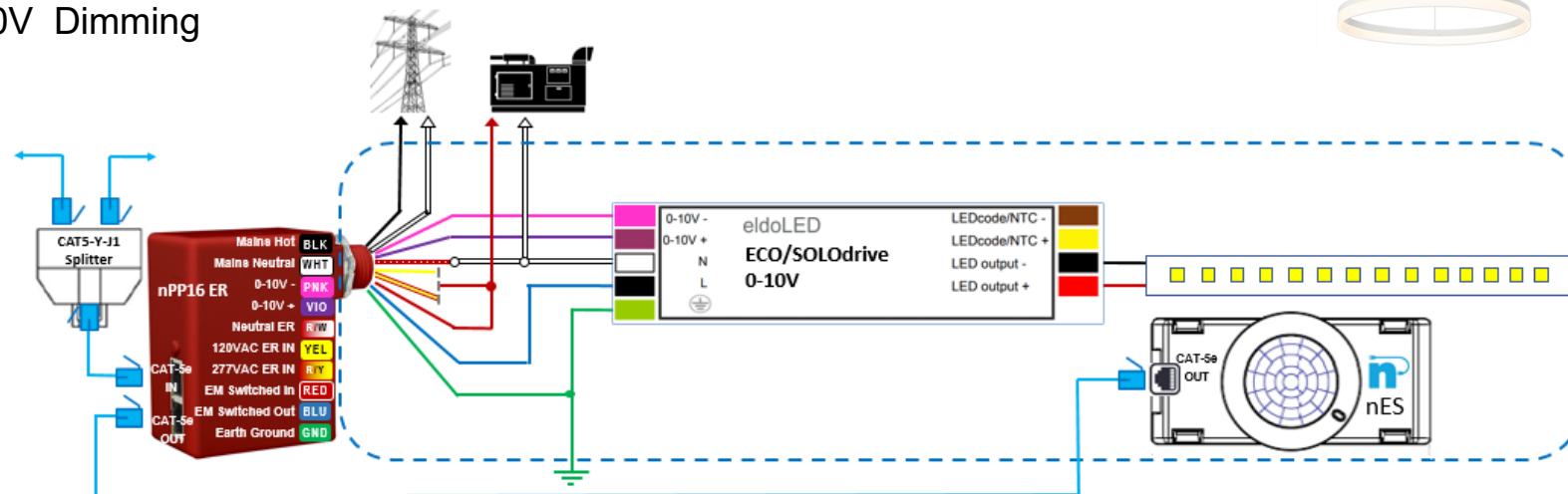
- Dimming Type: Intensity Dimming
- nPP16 ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



nPP16 ER

Solution: nPP16 ER Power Pack + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- nPP16 ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost:
 - Dimming commands are canceled
 - Fixture resumes at 100% output
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

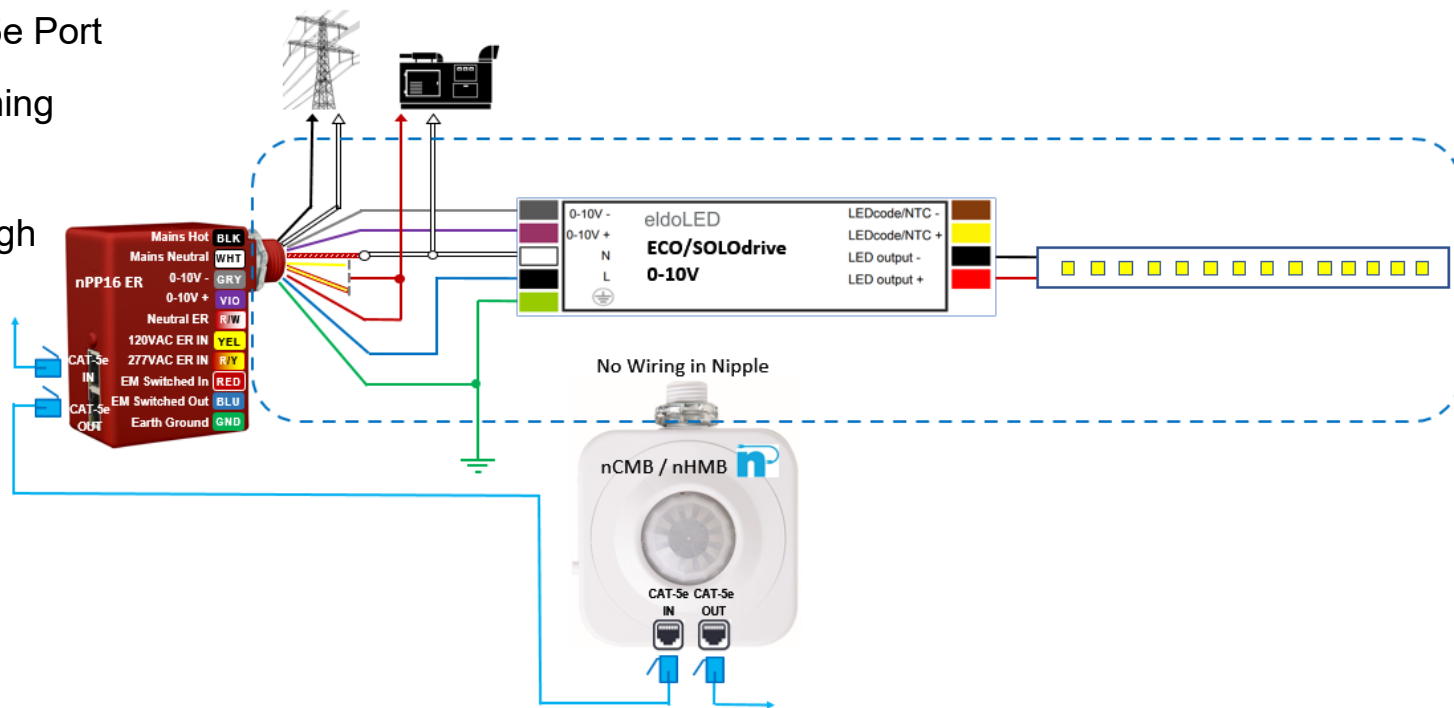


nPP16 ER

Solution: nPP16 ER Power Pack + 0-10V Driver + nCMB / nHMB Sensor



- Dimming Type: Intensity Dimming
- nPP16 ER Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Self-Contained Relay Switches Line Voltage Load
 - Plenum Rated
 - Supplies 40mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required
- Fixture is connected to EM power supply panel
- Solution is UL 924 compliant
- When nLight bus power is lost, dimming commands are canceled – fixture resumes at 100% output



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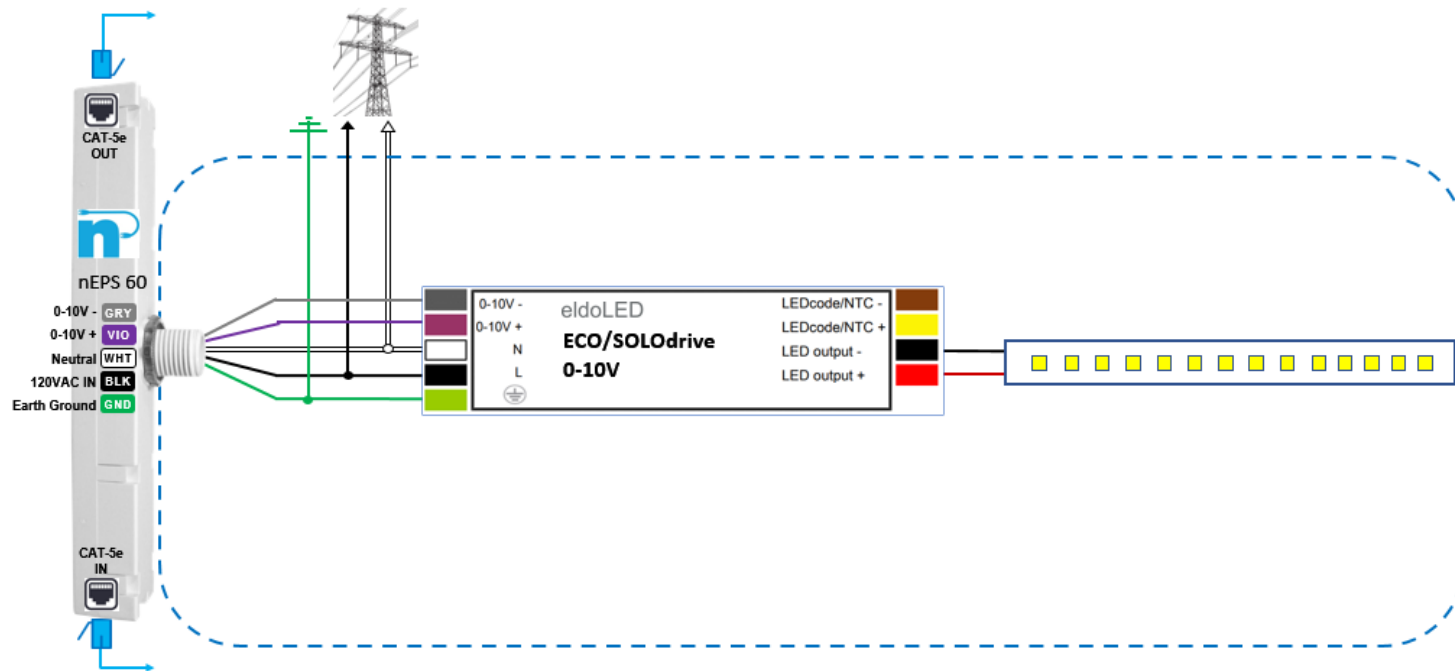
nEPS 60 Solutions

nEPS 60



Solution: nPP16 Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nEPS 60 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage power – requires Dim to Off Driver
 - Embedded version mounts inside fixture on mounting studs
 - Attached version mounts to ½” knockout
 - Plenum Rated
 - RJ45 connections are on ends of the nEPS 60, not through mounting nipple.
 - Proper wire management is required
 - Supplies 30mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming

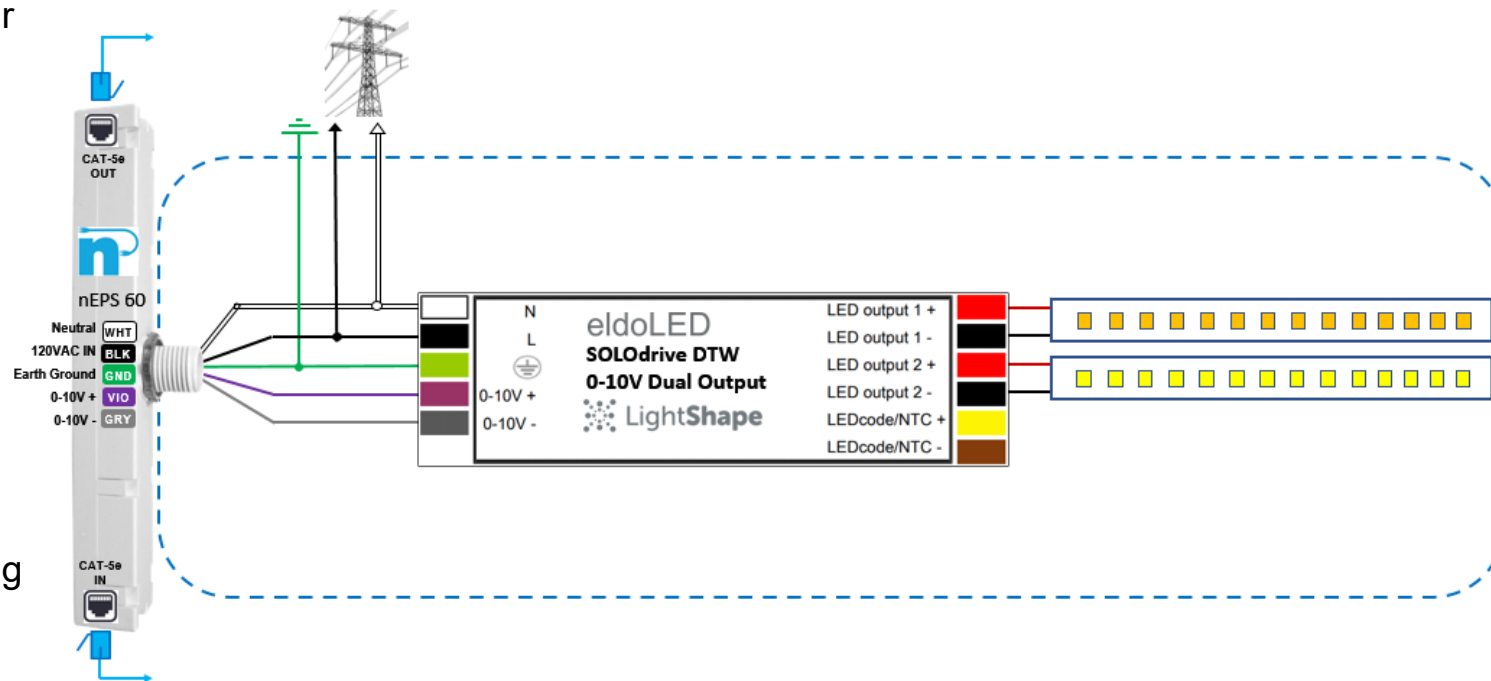


nEPS 60



Solution: nPP16 Power Pack + eldoLED 0-10V DTW Driver

- Dimming Type: Dynamic Dimming – DTW
 - Requires two different CCT LED Light Engines
- nEPS 60 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage power – requires Dim to Off Driver
 - Embedded version mounts inside fixture on mounting studs
 - Attached version mounts to ½” knockout
 - Plenum Rated
 - RJ45 connections are on ends of the nEPS 60, not through mounting nipple.
 - Proper wire management is required
 - Supplies 30mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – SOLOdrive w/0-10V Dimming with LightShape

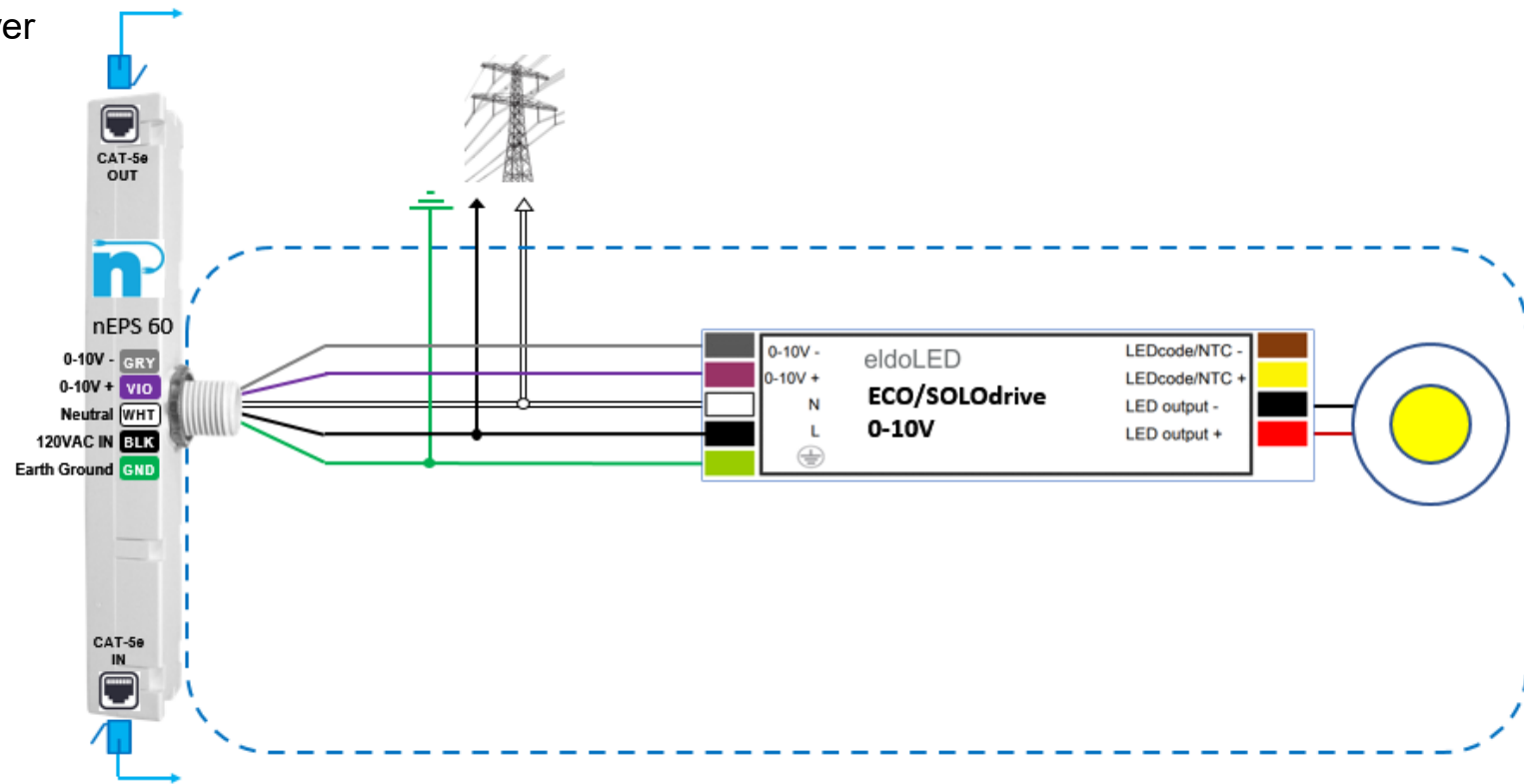
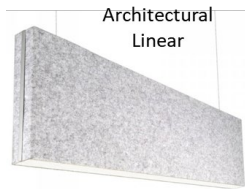
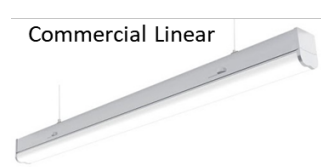


nEPS 60



Solution: nPP16 Power Pack + 0-10V Driver

- Dimming Type: Intensity Dimming
- nEPS 60 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage power – requires Dim to Off Driver
 - Embedded version mounts inside fixture on mounting studs
 - Attached version mounts to ½” knockout
 - Plenum Rated
 - RJ45 connections are on ends of the nEPS 60, not through mounting nipple.
 - Proper wire management is required
 - Supplies 30mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming

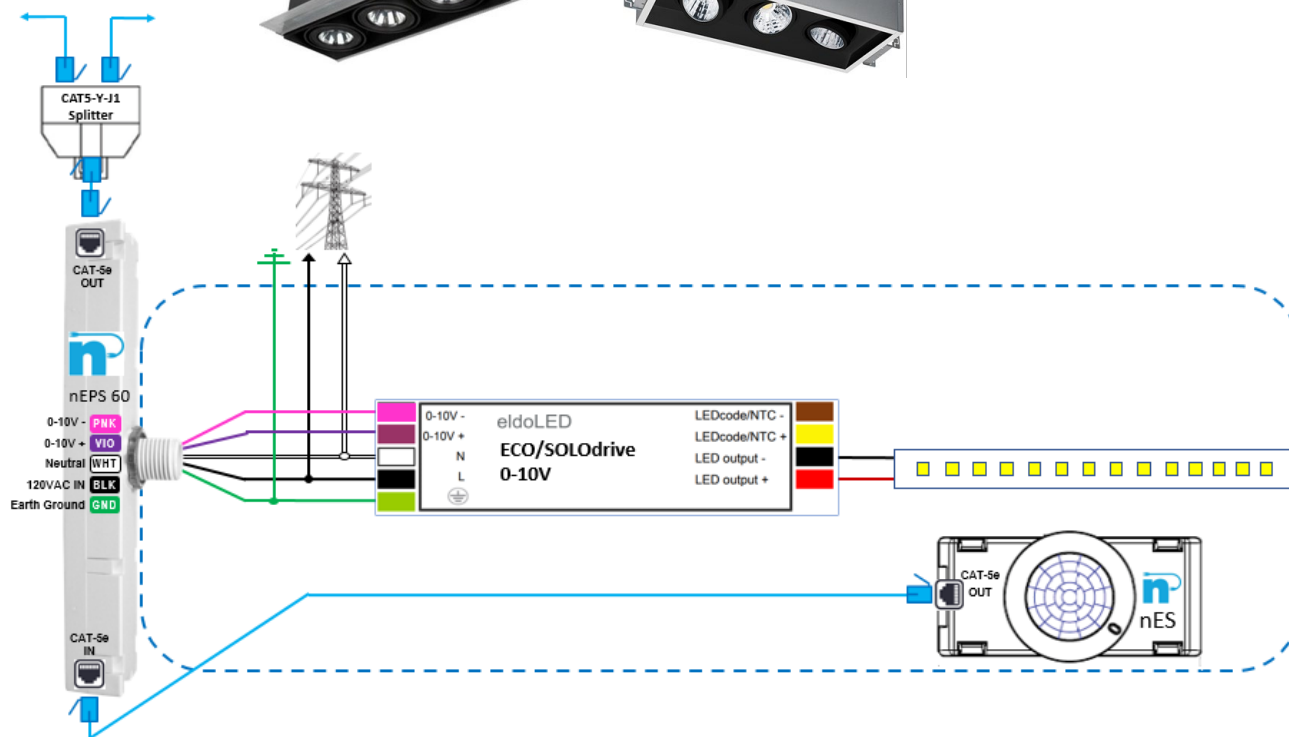


nEPS 60



Solution: nPP16 Power Pack + 0-10V Driver + nES Sensor

- Dimming Type: Intensity Dimming
- nEPS 60 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage power – requires Dim to Off Driver
 - Embedded version mounts inside fixture on mounting studs
 - Attached version mounts to 1/2" knockout
 - Plenum Rated
 - RJ45 connections are on ends of the nEPS 60, not through mounting nipple.
 - Proper wire management is required
 - Supplies 30mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nES7 or nES ADCX
 - Panel mounts through fixture or canopy
- Requires CAT5 cable Y splitter (CAT5-Y-J1) to provide two open CAT5 ports on the fixture

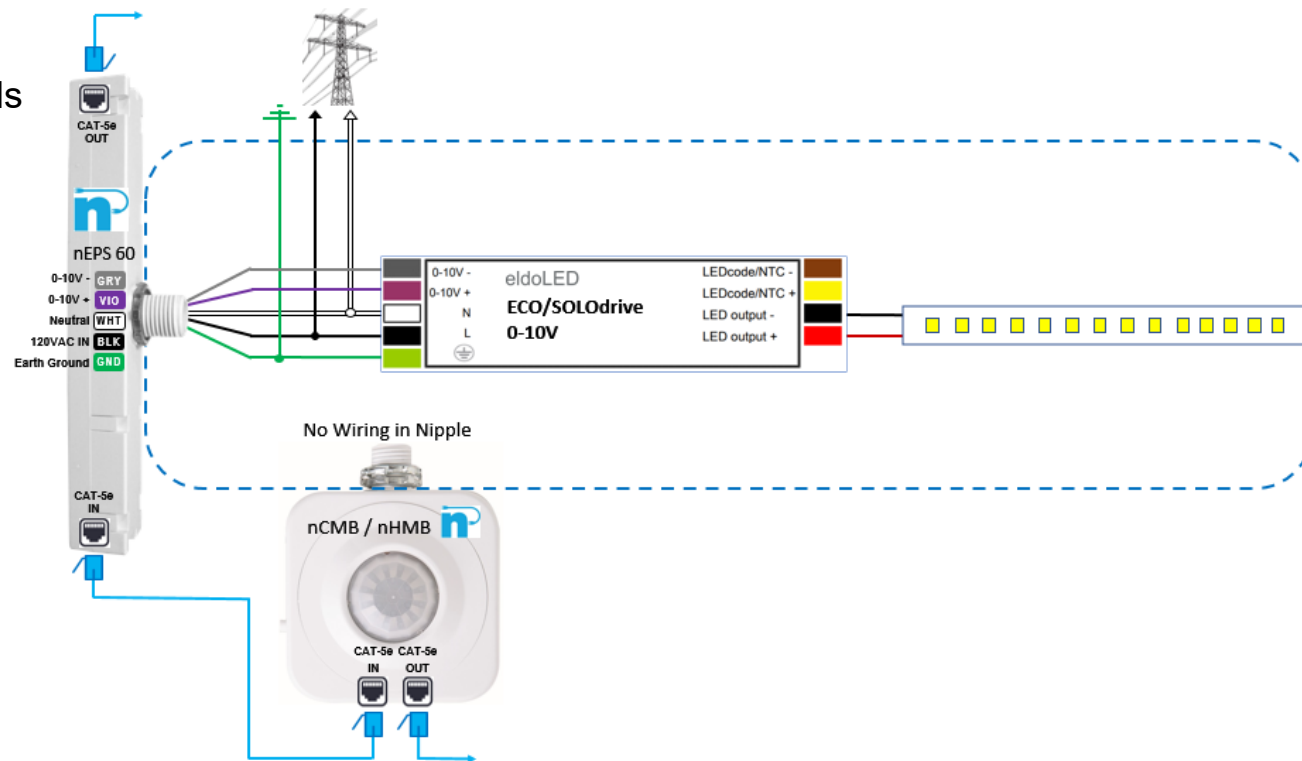


nEPS 60



Solution: nPP16 Power Pack + 0-10V Driver + nCMB / nHMB Sensor

- Dimming Type: Intensity Dimming
- nEPS 60 Power Pack supplies nLight Bus power and 0-10V dimming control to fixture.
 - Line Voltage power – requires Dim to Off Driver
 - Embedded version mounts inside fixture on mounting studs
 - Attached version mounts to 1/2" knockout
 - Plenum Rated
 - RJ45 connections are on ends of the nEPS 60, not through mounting nipple.
 - Proper wire management is required
 - Supplies 30mA of nLight Network power per CAT-5e Port
- Driver Type: eldoLED – ECO/SOLOdrive w/0-10V Dimming
- Sensor Type: nCMB or nHMB integrated sensor
 - RJ45 connections are on back of sensor, not through mounting nipple.
 - Proper wire management is required



Revisions:

June 2021:

- Added CAT5 Y-Splitter images and information to solutions with nES Sensors (pp. 23, 31, 40, 45, 52, 59, 65, 71, 77, 83, 89)
- Added nIO EZDXA + LEDcode Cross Multi-Fixture Solution using MED AUX for DALI Bus power (page 21)
- Updated all 0-10V solution schematics with new Violet/Pink wiring colors required by NEC.

