

LUMENTURE[®]

NEAR DRIVE[™] REMOTE DRIVER

TYPE: _____

PROJECT: _____

REMOTE DRIVE ARCHITECTURE

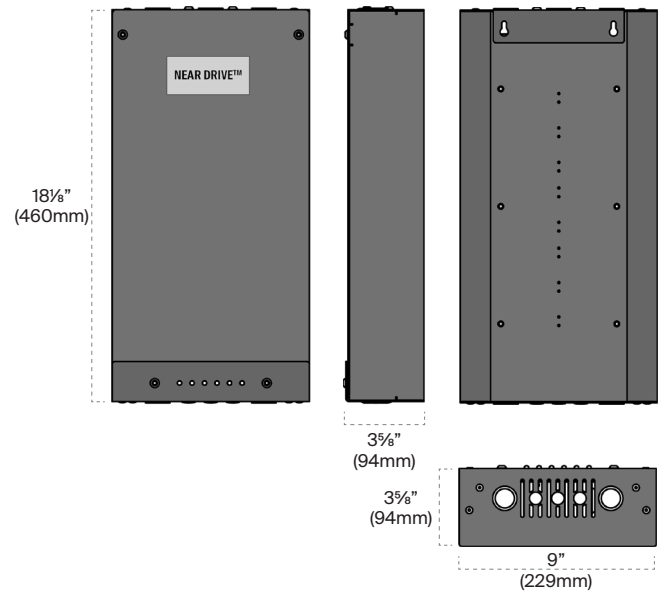
Lumenture's NearDrive[™] remote drive architecture systems are ideally suited for applications that require easy access to LED drivers for routine maintenance. This remote drive platform is especially useful in areas with hard to access ceilings and where certain architectural features cannot be disturbed during lighting updates.

PRODUCT DESCRIPTION

Lumenture NearDrive remote drive power units provide constant current power to a variety of Lumenture NearDrive compatible fixtures. A variety of dimming interfaces including Triac, ELV, 0-10V and DALI are accepted. Smooth flicker free dimming to levels as low as 0.1% are available. Power to each low voltage compatible luminaire is transmitted with an inexpensive two-conductor cable at distances up to 200 ft. On board diagnostics monitor the driver health status as well as connection status to the luminaire and provide a clear visual indication of this status.

FEATURES

- Easy installation
- Fixture connections made with affordable plenum-rated 18 AWG, 2 conductor shielded wire.
- No conduit required in most locations
- Dimming connections are made in the NearDrive[™] cabinet



FLEXIBILITY

- Lumen outputs can be changed after installation by a simple driver change or reprogramming in the NearDrive[™] cabinet
- Ideal for shallow plenum and difficult to access ceilings
- Powers luminaires at distances of up to 200 ft
- Powers up to six standard low voltage fixtures.



PERFORMANCE

- Multiple dimming interfaces available
- Linear and logarithmic dimming profiles
- Dimming levels down to 0.1% available
- Dim-to-off functionality available with 0-10V



RELIABILITY

- Reduces heat and increases driver life by removing driver from fixture
- No high voltage AC wiring required in ceiling
- No ceiling access required for driver replacement or modifications
- On board diagnostics provide visual indication of driver health and connection status
- If a single output channel fails, the others remain operational



COST SAVINGS

- Installs using low cost, low-voltage cables
- No conduit required, saving installation costs
- Reduced maintenance costs due to easy driver access
- Potential for installation labor savings with fixtures powered by Class 2 cables

PRODUCT

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ORDERING EXAMPLE: ND - 150 - 1 - U

[1] PRODUCT

- ND** Near Drive™ Remote Driver System

[2] OUTPUT (mA) ^{1,2}

- 150** 150mA
- 200** 200mA
- 250** 250mA
- 300** 300mA
- 350** 350mA
- 400** 400mA
- 450** 450mA
- 500** 500mA
- 600** 600mA
- 700** 700mA
- 800** 800mA
- 900** 900mA
- 1000** 1000mA
- 1100** 1100mA

[3] NUMBER OF DRIVERS ¹

- 1** 1 Driver
- 2** 2 Drivers
- 3** 3 Drivers
- 4** 4 Drivers
- 5** 5 Drivers
- 6** 6 Drivers

[4] DRIVER TYPE ³

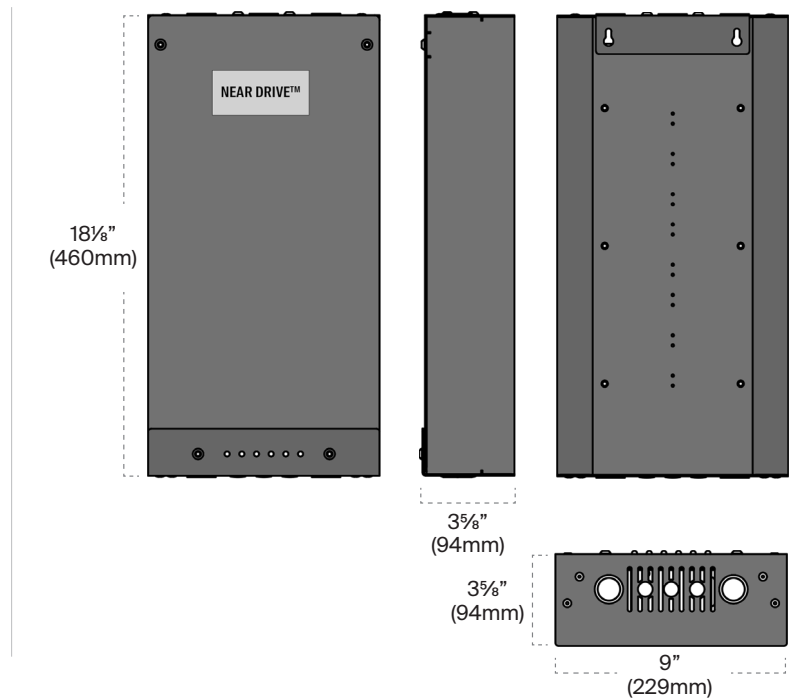
- U** Universal Dimming Driver (Triac, ELV & 0-10V)
- D1** EidoLED DALI/LEDcode (0.1% dimming), Linear
- Z1** 0-10V (0.1% dimming), Linear

NOTES

1. For multiple zones or current settings, please consult factory.
2. Outputs 600mA-1100mA are for C95 Cylinder fixtures only.
3. For all Universal Driver Units, Phase dimming % is dimmer dependent and 0-10V dimming is 1%.

** Compatible with Lumenture DL35, RM35, C70, and C95 only**

MAXIMUM ALLOWED FIXTURES PER DRIVER	
FIXTURE TYPE	# OF FIXTURES
DL35	3
RM35	3 Module / Heads
C70	1
C95	1



Accessories | Ordered Separately

C2P-10

10' Extension Cable with one quick connector.
(18 AWG, 2 Conductor)

C2P-10-2QC

10' Extension Cable with quick connect on both ends.
(18 AWG, 2 Conductor)

QC

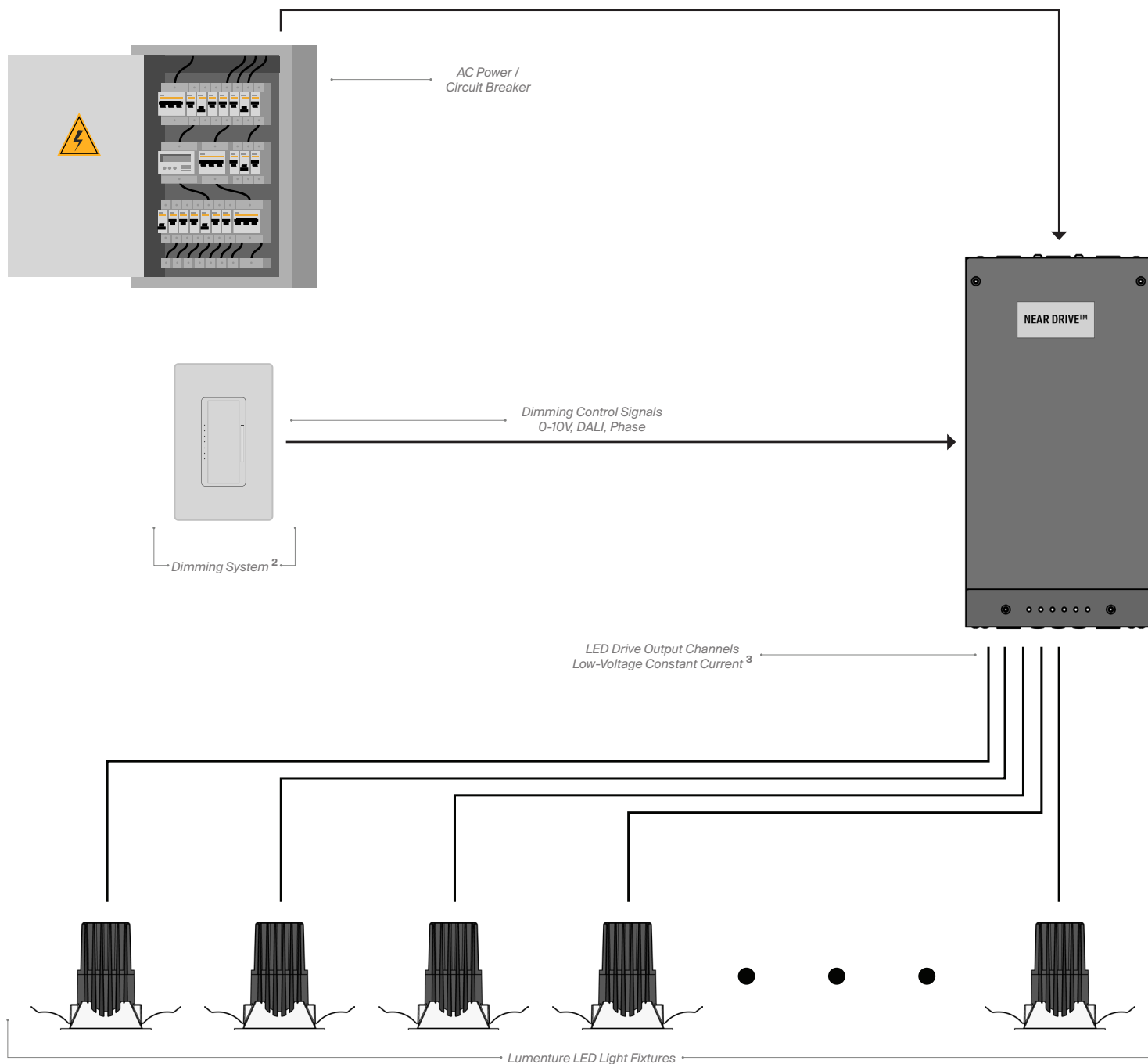
Quick Connector.

C2P-30

30' Extension Cable with one quick connector.
(18 AWG, 2 Conductor)

C2P-30-2QC

30' Extension Cable with quick connect on both ends.
(18 AWG, 2 Conductor)



NOTES

1. This is a typical layout for low-voltage LED lighting fixtures with Lumenture's NearDrive™ Remote Driver System.
2. Dimming system could include sensors, wireless controls and/or switches.
3. Maximum one-way cable length to fixtures is 200 ft.
4. For field installed custom lengths, plenum-rated 18 AWG 2 Conductor shielded wire is required.