



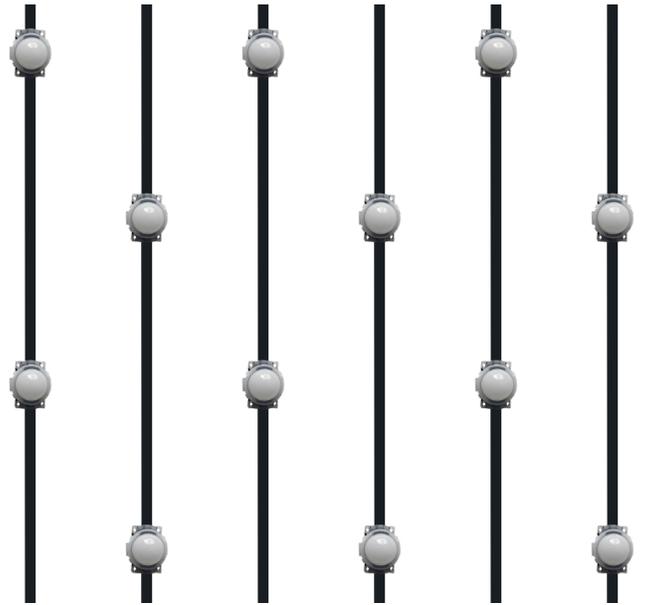
Date _____ Project _____

Notes _____

AURA DOT

Aura Dots are versatile single-point fixtures that can be used to create a unique pixel display or to highlight architectural details. They are available in rich color changing RGBW (2700K, 3000K, 4000K). Choose a Milky Dome lens for 3D visibility or a Clear Flat lens for added brightness. Customize spacing to fit your lighting design. Program with simple SPI (Serial Peripheral Interface) controls for maximum effect. Aura Dots are rated IP66 and IP67 for exterior applications.

- Single point lighting for custom façade displays
- Pixel RGBW (2700K, 3000K, 4000K)
- Milky Dome lens with 165x165° beam angle or Clear Flat lens with 110x110° beam angle
- Program with SPI controls
- 1.38 in. (35 mm) diameter
- Custom Pixel spacing:
Min. spacing: 3.94 in. (100 mm)
Max. spacing: 39.37 in. (1000 mm)
- Max. run length: 98 ft 5 in. (30 m)
- Mount with single clips or channel
- IP66 and IP67
- IK08
- 3-year warranty



  **IP66** **IP67**



Custom Pixel Spacing



Milky Dome Lens



Clear Flat Lens

AVAILABLE COLORS



ORDERING GUIDE

Category	Input Voltage	Wattage	Colors	Lens	Housing Color	Control
AD35	24	1.8				S
AD35 - Aura Dot	24 - 24 VDC	1.8 - 1.8 W	RGB27 - RGBW (2700K) RGB30 - RGBW (3000K) RGB40 - RGBW (4000K)	MD - Milky Dome Lens CF - Clear Flat Lens	BK - Black WH - White	S - SPI

CONTROLLERS:

- C1 Extended Controller
Part # for 1 universe model: CTRLPIXEL1
- C1 Live Controller
Part # for 4 universe model: CTRLPIXELLIVE4
- C4 Extended Controller
Part # for 2 universe model: CTRLPIXEL2
Part # for 4 universe model: CTRLPIXEL4
Part # for 8 universe model: CTRLPIXEL8
Part # for 8 universe model: CTRLPIXEL12
- C4 Live Controller
Part # for 8 universe model: CTRLPIXELLIVE8
Part # for 12 universe model: CTRLPIXELLIVE12
Part # for 16 universe model: CTRLPIXELLIVE16
Part # for 24 universe model: CTRLPIXELLIVE24
- PxLNet Controller
Part #: CTRLPIXEL96

DRIVERS:

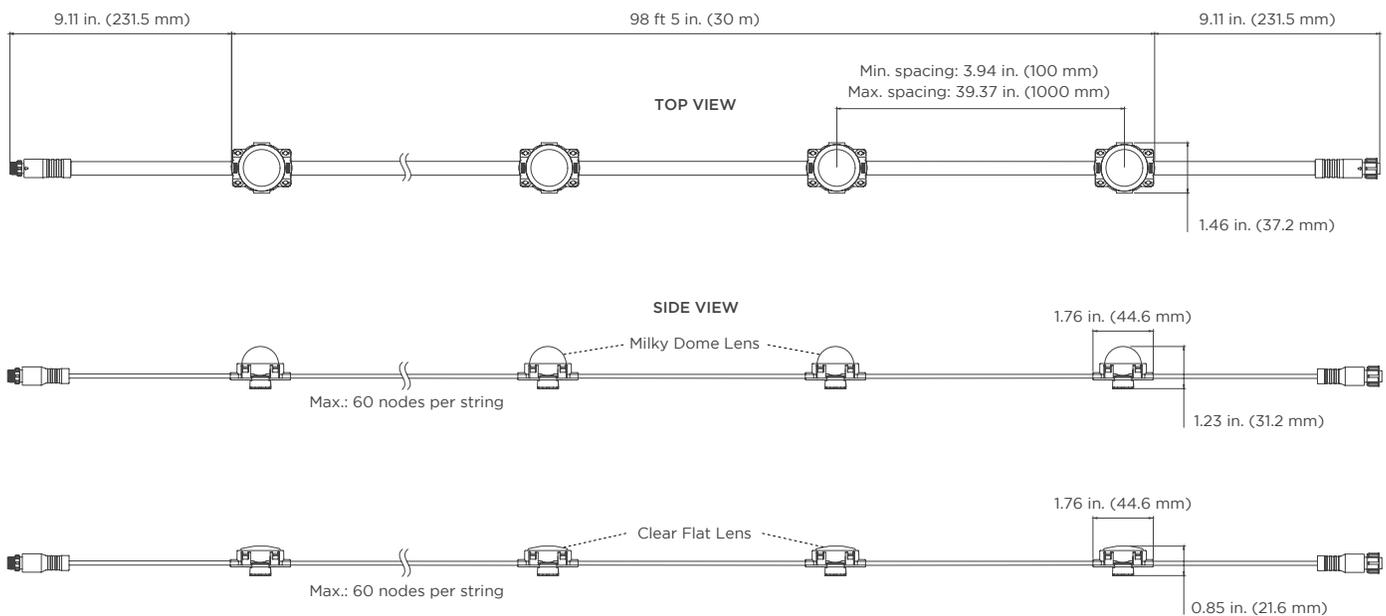
- 24V 60W Non-dimmable Driver
Part #: DRVW2460
- 24V 96W Non-dimmable Driver
Part #: DRVW2496

NOTE: Acolyte recommends Belden 9729 shielded cable and Cat5e RJ45 cable for all connections.

SPECIFICATIONS / DIMENSIONS / LUMEN DATA

Operating Voltage	24 VDC				
Color	RGBW (2700K, 3000K, 4000K)				
	Red	Green	Blue	White	All On
Power Consumption	0.6 W	0.6 W	0.6 W	0.6 W	1.8 W
Lumens per Node	18.2 lm	31.8 lm	4.2 lm	31.3 lm	68.2 lm
Efficacy	28.5 lm/W	43.6 lm/W	6.9 lm/W	52.2 lm/W	37.3 lm/W
LEDs per Node	12 LEDs (6x RGB + 6x White)				
IC Code	UCS 8904B				
LED Beam Angle	Milky Dome Lens: 165x165° Clear Flat Lens: 110x110°				
Pixel Spacing	Min. spacing: 3.94 in. (100 mm) Max. spacing: 39.37 in. (1000 mm)				
Max. Run Length	60 nodes or 98 ft 5 in. (30 m)				
Storage Temperature	-13 — 158 °F (-25 — 70 °C)				
Operating Temperature	-13 — 140 °F (-25 — 60 °C)				
Connector	3-pin Connector				
Lens Options	Milky Dome Lens, Clear Flat Lens				
Protection Rating	IP66 and IP67				
Impact Rating	IK08				
Mounting Options	Mounting Clip, Mounting Channel				
Fixture Color Finish	Black, White				
Dimensions (L x W x H)	With Milky Dome Lens: 1.76 x 1.46 x 1.23 in. (44.6 x 37.2 x 31.2 mm) With Clear Flat Lens: 1.76 x 1.46 x 0.85 in. (44.6 x 37.2 x 21.6 mm)				
Weight per string (60 modules)	4.41 lb (2 kg)				
Warranty	3 years				

DIMENSIONS

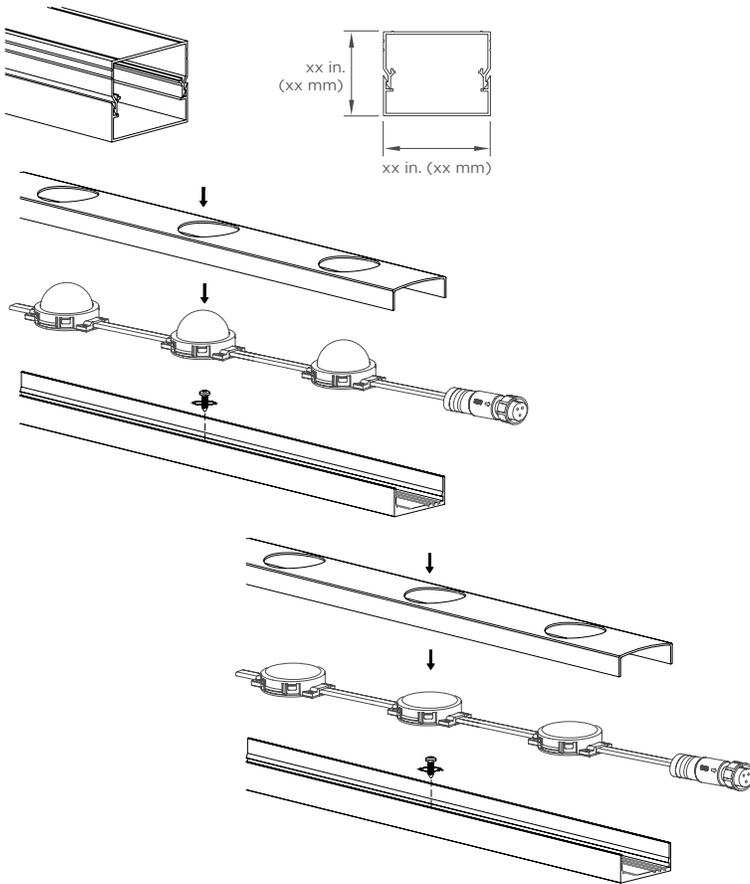


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MOUNTING HARDWARE

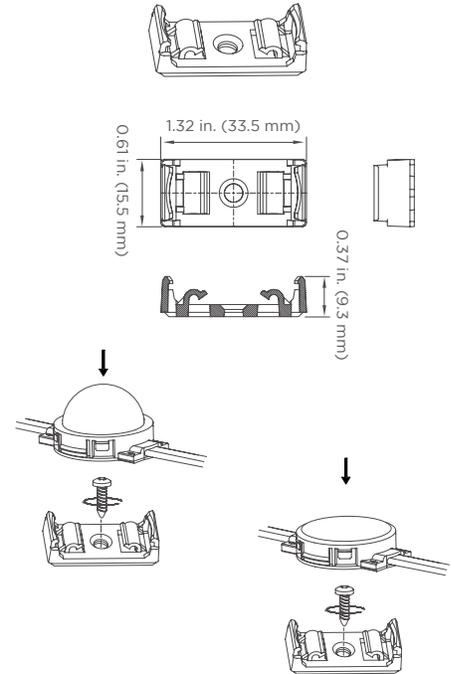
MOUNTING CHANNEL (length up to xx in. / xx m)

Part #:
CHADSV (silver finish)
CHADBK (black finish)



MOUNTING CLIP

Part #:
ADMCBK (black finish)
ADM CWH (white finish)

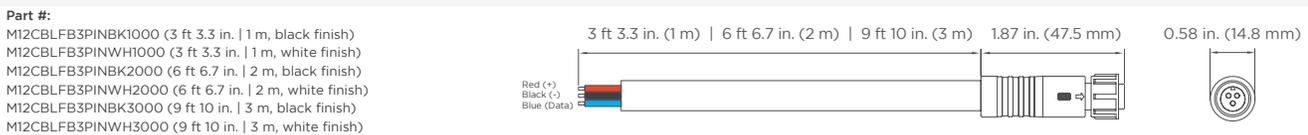


ACCESSORIES

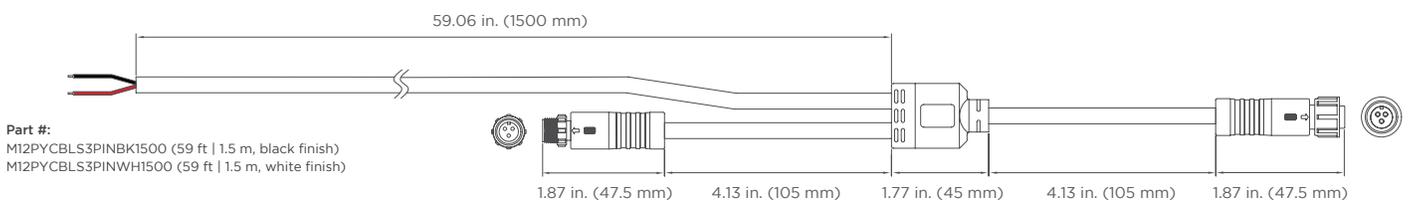
3-PIN MALE TO FEMALE JUMPER CABLE



3-PIN FEMALE CONNECTOR TO BARE WIRE



3-PIN POWER CABLE

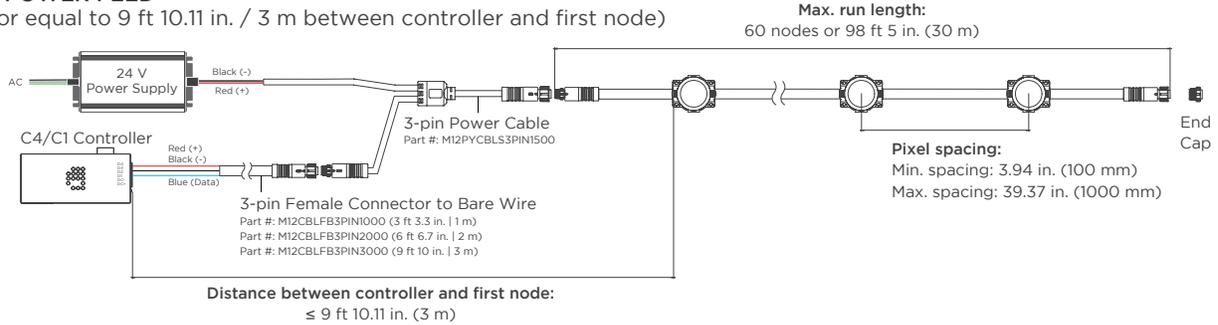


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CONNECTION

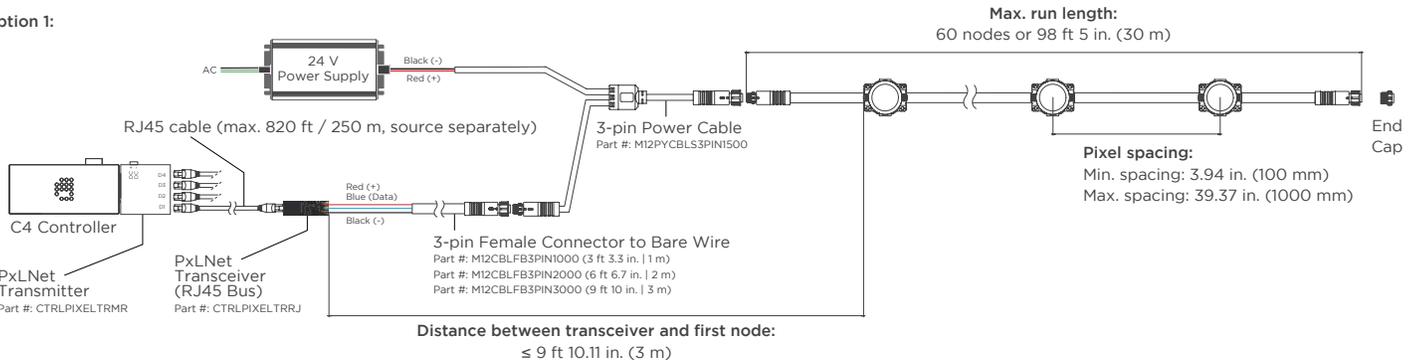
A. SINGLE POWER FEED

(less than or equal to 9 ft 10.11 in. / 3 m between controller and first node)

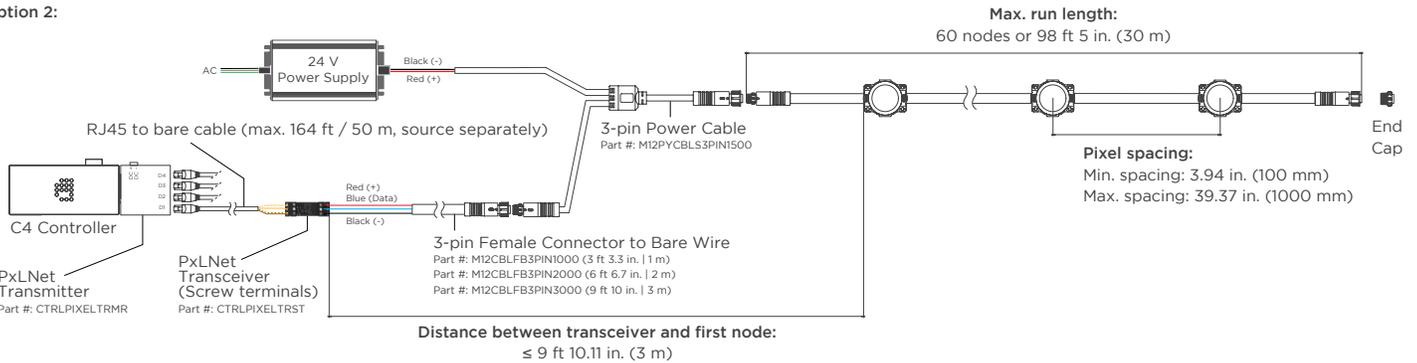


B. SINGLE POWER FEED (greater than or equal to 9 ft 10.11 in. / 3 m between controller and first node)

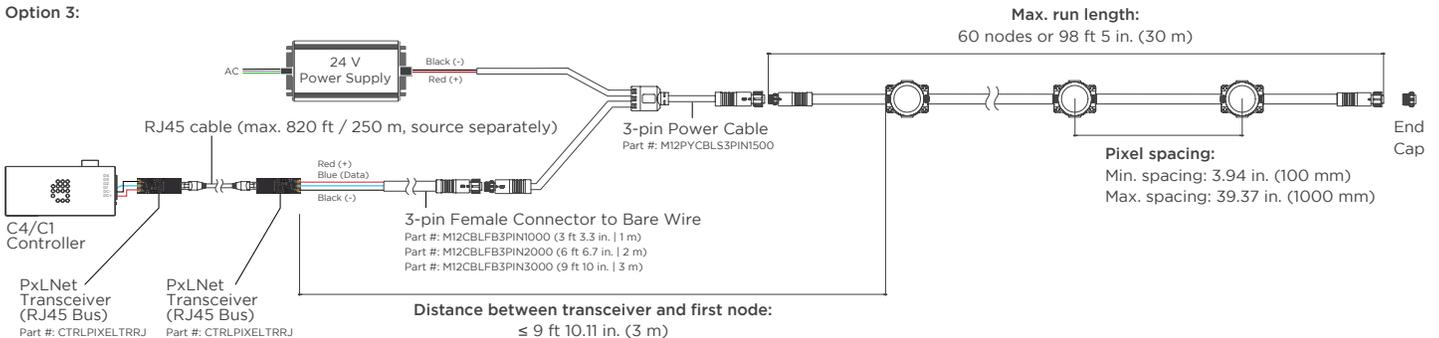
Option 1:



Option 2:



Option 3:

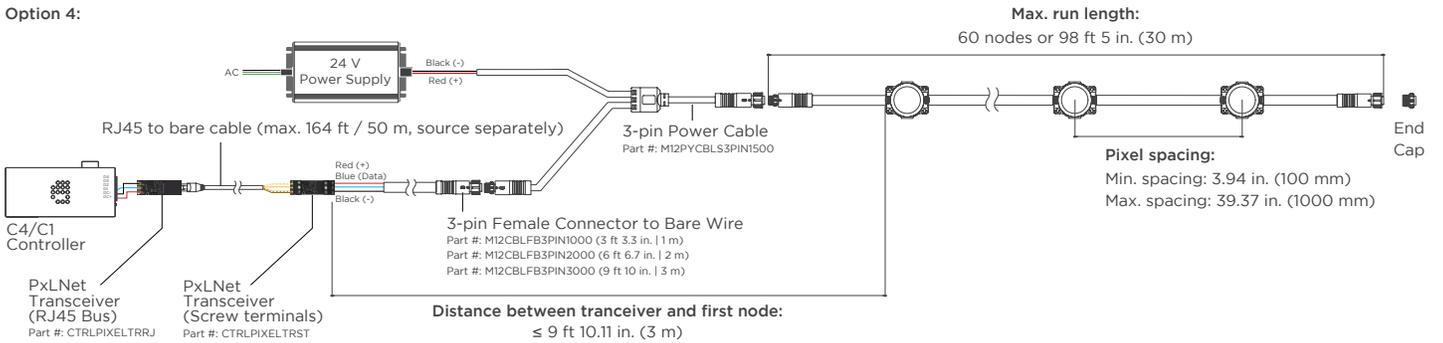


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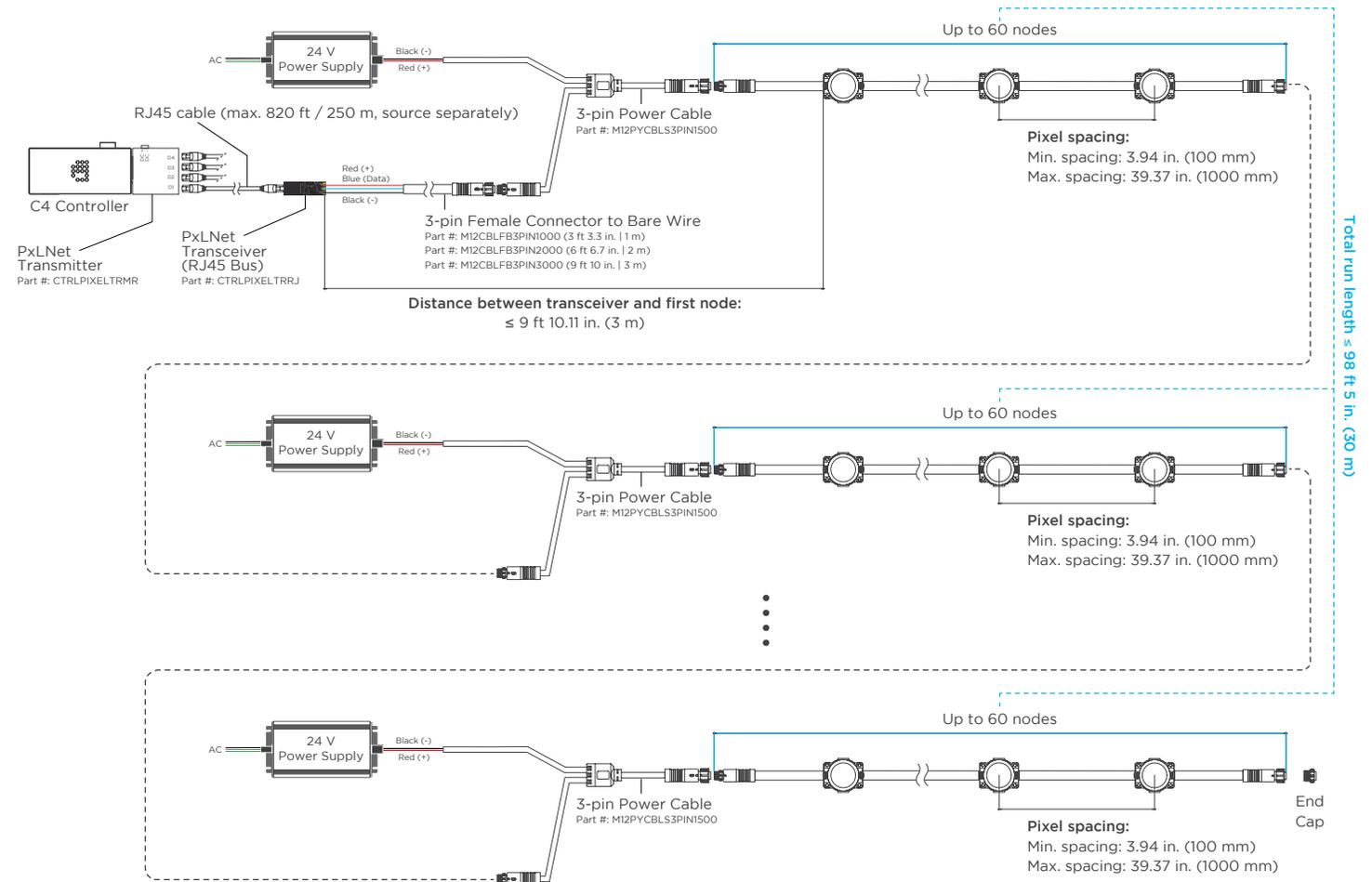
CONNECTION (continue)

B. SINGLE POWER FEED (greater than or equal to 9 ft 10.11 in. / 3 m between controller and first node)

Option 4:



C. WITH POWER INJECTION FOR LONGER RUNS (this method can be applied to all 4 connection options from B.)



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REV.09MAR2026

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