

Date

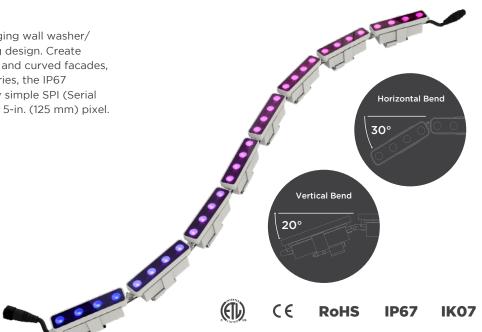
Notes

Project

ARMOR SERIES | NANO PIVOT RGBW

The Nano Pivot RGBW is a hinged color changing wall washer/ grazer that increases flexibility in your lighting design. Create dramatic addressable effects around cornices and curved facades, columns or landscaping. Part of the Armor Series, the IP67 rated Nano Pivot RGBW works with incredibly simple SPI (Serial Peripheral Interface) controls to manage each 5-in. (125 mm) pixel. Secure with heavy duty mounting clips.

- 9.75 W/ft (32 W/m)
- 4 LEDs/5-in. (125 mm) pixel
- 8 pixels per 3 ft 3.37 in. (1 m) chain
- Daisy chain up to 6 fixtures
- Custom lengths available upon request
- Beam angles: 25°x25°, 45°x45°, 25°x45°
- 1271 lm/fixture at 25°x25° (all on)
- Uses SPI controls
- 24V external driver
- IP67
- 5-year warranty



ORDERING GUIDE

Category	Input Voltage	Wattage	Color Temperature	Beam Angle	Finish	Control
NANOPVT	24	32				S
NANOPVT - Armor Series Nano Pivot	24 - 24 V DC	32 - 9.75 W/ft (32 W/m)	RGB30 - RGBW (3000K)	25 - 25°x25°	GR - Grey	S - SPI
			RGB40 - RGBW (4000K)	45 - 45°x45°	WH - White	
Note: Be sure to use wire end caps at end of line.			25X45 - 25°x45°			

Note: Be sure to use wire end caps at end of line.

ACCESSORIES:

- 1. M12 3-Pin Female to Bare Wire Input Cable M12CBLFB3PIN1000 (3 ft, 3.3 in. | 1 m) M12CBLFB3PIN2000 (6 ft, 6.7 in. | 2 m) M12CBLFB3PIN3000 (9 ft, 10 in. | 3 m)
- 2. M12 3-PIN Male to Female Jumper Cable M12JUMPMF3PIN2000 (6 ft, 6.7 in. | 2 m) M12JUMPMF3PIN2000 (6 ft, 6.7 in. | 2 m) M12JUMPMF3PIN3000 (9 ft, 10 in. | 3 m)
- 3. M12 3-PIN Power Cable, Single Feed (59 in. | 1.5 m) M12YCBLS3PIN1500
- M12 3-PIN Power Cable, Double Feed (59 in. | 1.5 m) M12YCBLD3PIN1500
- 5. M12 3-PIN Power & Data Injector Cable (59 in. | 1.5 m) M12YCBLP3PIN1500

CONTROLLERS: 6. M12 Input Cable, RJ45 to Female M12CBLRJ45F4PIN15000 (49 ft | 15 m) M12CBLRJ45F4PIN30000 (98 ft | 30 m) M12CBLRJ45F4PIN50000 (164 ft | 50 m) 1. C4 Extended Controller

7. End Cap M12EC3PIN

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

DRIVERS:

- 1. 24V 60W Non-dimmable Driver Part #: DRVW2460
- 2. 24V 96W Non-dimmable Driver Part #: DRVW2496

AVAILABLE COLOR TEMPERATURES

AVAILABLE BEAM ANGLES



Acolyte | Architectural Lighting Solutions

RGBW

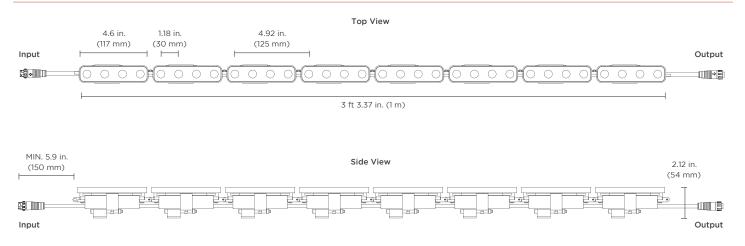
Acolvte is a quality division of GENLED Brands[™] | www.AcolvteLED.com | Page 1



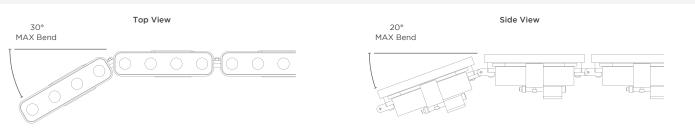
SPECIFICATIONS / DIMENSIONS / LUMEN DATA

Operating VoltageQ4 V DCColorsGEW GUOUX-VEV VOUCKSUDEPower ConsumptionGEW GUOUX-VEV VOUCKSUDEIC codeGEW GUOUX-VEV VOUCKSUDEIC bear AngleGEW GUOUX-VEV VOUCKSUDEIC DeltaGEW GUOUX-VEV VOUCKSUDEIC Delta GUOXGEW GUOXIC Delta GUOXGUOXIC Delta GUOXGEW GUOXIC Delta GUOXGEW GUOXIC Delta GUOXGEW GUOXIC Delta GUOXGUOXIC Delta GUOXGUOXIC Delta GUOXGEW GUOXIC Delta GUOXGEW GUOXIC Delta GUOX <th< th=""><th></th><th></th><th></th><th></th></th<>					
Power Consumption 9.75 W/t (32 W/m) IC Code 9.75 W/t (32 W/m) IC Code 8-bit (Optional) UCS2904 LED sper Fixture S-bit (Optional) UCS2904 LED sper Fixture S2 LED sper fixture LED Beam Angle 9.85 % 45% Max Run Length (Power) IP ft 8.22 in. (6 m) LED Pitch Generature S7 W/t 9.88 % CO Operating Temperature Generature SP Colspan="2">SP Colspan="2">SP Colspan="2" Operating Temperature IP 67 Protection Rating Generature SP Colspan="2" Mounting Options Clift Colspan="2" Fixture Color Finish Generature SP Colspan="2" Fixture Color Finish SP Colspan="2" Fixture Color Finish Clift Colspan="2" Fixture Color Finish Clift Colspan="2" Fixture Color Finish SP Colspan="2" Fixture Color Finish Clift Colspan="2" Fixture Color Finish	Operating Voltage		24 V DC		
Ic CodeInterfact ControlLEDs per FixtureCOSSO 2004LED seam AngleCOSSO 2004LED Beam AngleCOSSO 2004Mar AngleCOSSO 2004Lamen OutputCOSSO 2004Mar Angle Mower)COSSO 2004LED PichCOSSO 2004Storage TemperatureCOSSO 2004Operating TemperatureCOSSO 2004Protection RatingCOSSO 2004ConnecorCOSSO 2004Antaniago PotionalCOSSO 2004Protection RatingCOSSO 2004ConnecorCOSSO 2004Con	Colors	RGBW (3000K), RGBW (4000K)			
IC Code UCSS904 UCSS904 LEDs per Fixture G LED Beam Angle G25°x25° Aman Cotput G 101 G Max Ru Length (Power) G LED Pitch G Storage Temperature G Operating Temperature G Operating Temperature G Connector G Protecton Rating G Gotting Options G Fixture Color Finish G Fixture Color Finish G Package Dimends(L x W x H) G Gendend Length (L x H) G	Power Consumption	9.75 W/ft (32 W/m)			
LED Beam Angle25°x25°45°x45°25°x45°Lumen Output1011194918Max Ru Length (Power)Image: Image: Image	IC Code				
Lumen Output12711194918Max Ru Length (Power)G-191 ft 8.22 in. (6 m)LED Pitch	LEDs per Fixture	32 LEDs per fixture			
Max Run Length (Power)19 ft 8.22 in. (6 m)LED Pitch19 ft 8.22 in. (125 mm)Storage Temperature-40° Ft 0 185° F (-40° C to 85° C)Operating Temperature-40° Ft 0 149° F (-20° C to 65° C)Connector3 Pin ConnectorProtection RatingIP67Mounting OptionsETL, CE, RoHSFixture Color FinishGrey, WhitePackage Dimensions (L x W x H)Image Dimensions (L x W x H)WeightImage Dimensions (L x W x H)	LED Beam Angle	25°x25°	45°x45°	25°x45°	
LED Pitch 4.92 in. (125 mm) storage Temperature 6 Operating Temperature 6 Operating Temperature 6 Connector 8 Protection Rating 1 Mounting Options 6 Fisture Color Finish 6 Package Dimensions (L x W x H) 6 Weight 375 b(17 Kg)	Lumen Output	1271 1194		918	
Storage Temperature Genetic Temperature Operating Temperature Genetic Temperature Connector Genetic Temperature Protection Rating Genetic Temperature Mounting Options Genetic Temperature Fisture Color Finish Genetic Temperature Package Dimensions (L x W x H) Genetic Temperature Weight Genetic Temperature	Max Run Length (Power)	19 ft 8.22 in. (6 m)			
Operating Temperature -4° F to 149° F (-20° C to 65° C) Connector 3 Pin Connector Protection Rating IP67 Mounting Options Connector Fixture Color Finish G Package Dimensions (L x W x H) A685 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 375 b (1.7 Kg)	LED Pitch	4.92 in. (125 mm)			
Connector 3 Pin Connector Protection Rating IP67 Mounting Options Gettifications Fixture Color Finish Gettifications Package Dimensions (L x W x H) Addet Statistication (Dimensions) Weight Addet Statistication (Dimensions)	Storage Temperature	-40° F to 185° F (-40° C to 85° C)			
Protection Rating IP67 Mounting Options IP67 Certifications Mounting Brackets Fixture Color Finish Gertifications Package Dimensions (L x W x H) 46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 375 lb (17 Kg)	Operating Temperature	-4° F to 149° F (-20° C to 65° C)			
Mounting Options Mounting Brackets Certifications ETL, CE, RoHS Fixture Color Finish Grey, White Package Dimensions (L x W x H) 46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 3.75 lb (1.7 Kg)	Connector	3 Pin Connector			
Certifications ETL, CE, RoHS Fixture Color Finish Grey, White Package Dimensions (L x W x H) 46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 3.75 lb (1.7 Kg)	Protection Rating	IP67			
Fixture Color Finish Grey, White Package Dimensions (L x W x H) 46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 3.75 lb (1.7 Kg)	Mounting Options	Mounting Brackets			
Package Dimensions (L x W x H) 46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm) Weight 3.75 lb (1.7 Kg)	Certifications	ETL, CE, RoHS			
Weight 3.75 lb (1.7 Kg)	Fixture Color Finish	Grey, White			
	Package Dimensions (L x W x H)	46.85 x 1.57 x 1.97 in. (119 x 4 x 5 cm)			
Warranty 5 Years	Weight	3.75 lb (1.7 Kg)			
	Warranty	5 Years			

DIMENSIONS



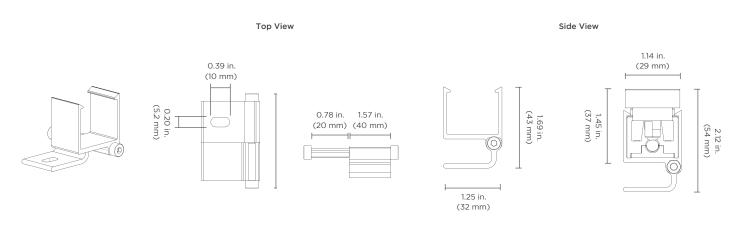
BENDING ROTATION



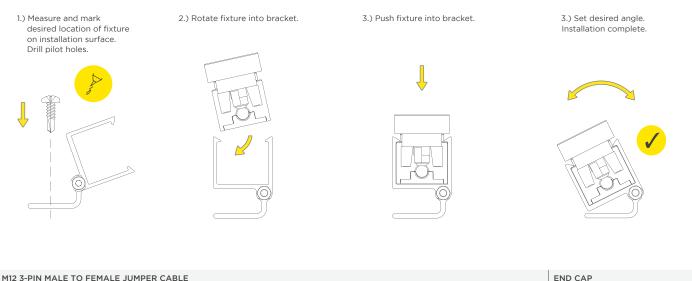


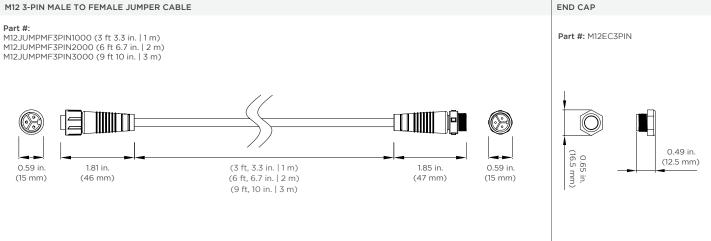
MOUNTING HARDWARE / INSTALLATION / ACCESSORIES

MOUNTING HARDWARE



MOUNTING HARDWARE INSTALLATION

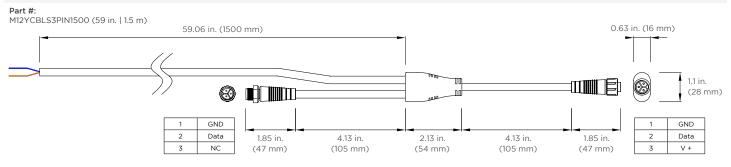






ACCESSORIES

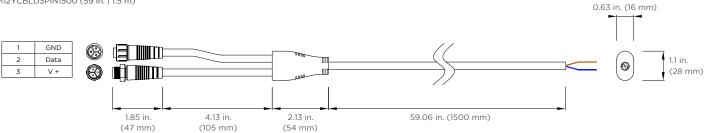
M12 3-PIN POWER CABLE, SINGLE FEED



M12 3-PIN POWER CABLE, DOUBLE FEED

Part #:

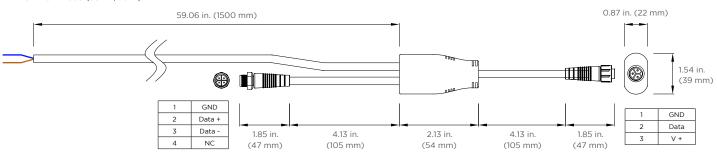
M12YCBLD3PIN1500 (59 in. | 1.5 m)



M12 3-PIN POWER & DATA INJECTOR CABLE

Part #:

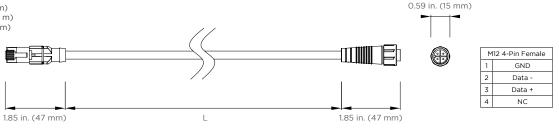
M12YCBLP3PIN1500 (59 in. | 1.5 m)



M12 4-PIN INPUT CABLE, RJ45 TO FEMALE

Part #: M12CBLRJ45F4PIN15000 (49 ft | 15 m) M12CBLRJ45F4PIN30000 (98 ft | 30 m) M12CBLRJ45F4PIN5000 (164 ft | 50 m)

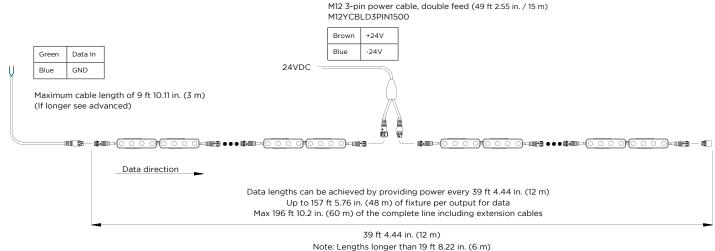
RJ45				
1	Orange/White	Data +		
2	Orage	Data -		
3	Green/White	Not used		
4	Blue	Not used		
5	Blue/White	Not used		
6	Green	Not used		
7	Brown/White	GND		
8	Brown	GND		





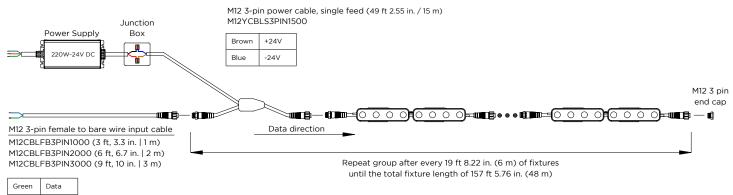
BASIC CONNECTIONS

BASIC - Power from middle



lote: Lengths longer than 19 ft 8.22 in. (6 n need power input from the middle

BASIC - Power from end

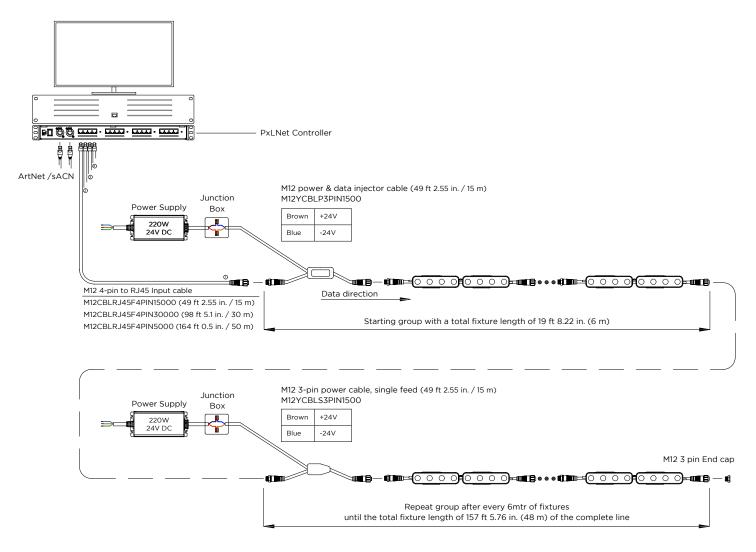


Blue GND



ADVANCED CONNECTIONS

ADVANCED



REV.09MAY2025

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