



Illumination Control Fixture Whip In 3/8" Flexible Metal Conduit

Smart Buildings are becoming more intelligent, and its integrated, network-based architecture is designed to self-regulate the building's environment and operations, including the lighting systems. When combined with installation of LED luminaires, this combination has become the new standard for variety of lighting system control options.

The key integrating components is Engineered Products Company's prefabricated Illumination Control Fixture Whip in a 3/8-inch conduit configuration. This is the most suitable and bridging component in the market to manage lighting systems control inputs for LED luminaire's low power amperage and voltage draw.

ATTRIBUTES

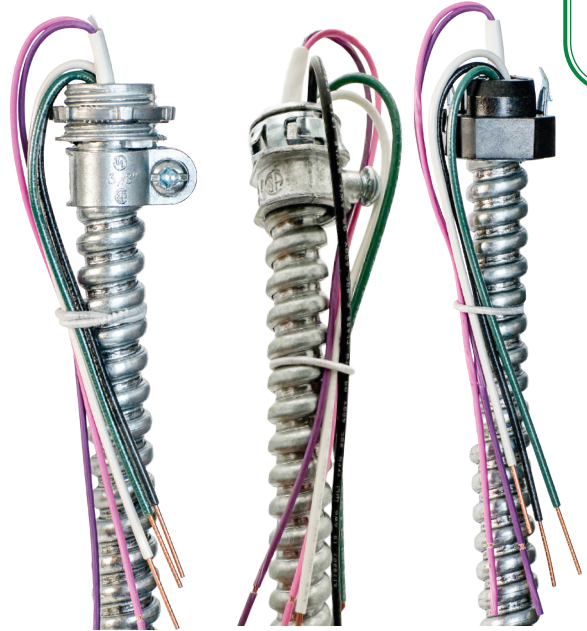
- Manufactured using 3/8-inch flexible metal conduit (FMC) for 120 or 277-volt lighting systems. Includes the purple and pink jacketed control conductors.
- Includes two (2) 90-inch jacketed 18 AWG NEMA standard illumination purple and pink lighting control conductors.
- An integral power and lighting control component for new or retrofit LED-based lighting systems.

BENEFITS

- LED luminaires draw lower operating amperage and voltage to energize LED luminaires.
- Our 3/8" Illumination Control Fixture Whip use 18-gauge, 300-volt rated conductors designed to energize and provide illumination control of LED luminaires.
- Meets the requirements of the 2023 National Electrical Code: Articles 300.3(B)(2), (C)(1), Section 725.136(I)(1), and 725.139(A) through (D)(1) and California Title 24 Lighting Controls, Articles 130.1(A)(B)(C)(D)(E).

FEATURES

- Use to control the lumen output of the luminaire controls for daylight harvesting, occupancy sensors, or light timing controls.
- Select from the following "external" connectors:
 - Die-Cast Squeeze Type Connector w/Set Screw and Lock Nut
 - Die-Cast Snap-in Connector w/Set Screw
 - Phenolic (Plastic and Steel) Snap-in Connector
- Custom color configurations available



Die-Cast
Squeeze-Type
Connector
with Set Screw
and Lock Nut

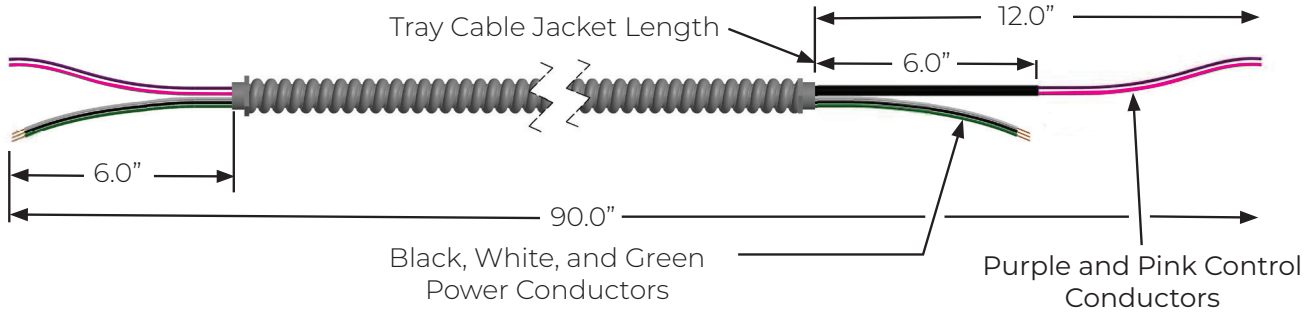
Die Cast
Snap-In
Connector
with Set Screw

Plastic/Steel
Snap-In
Connector

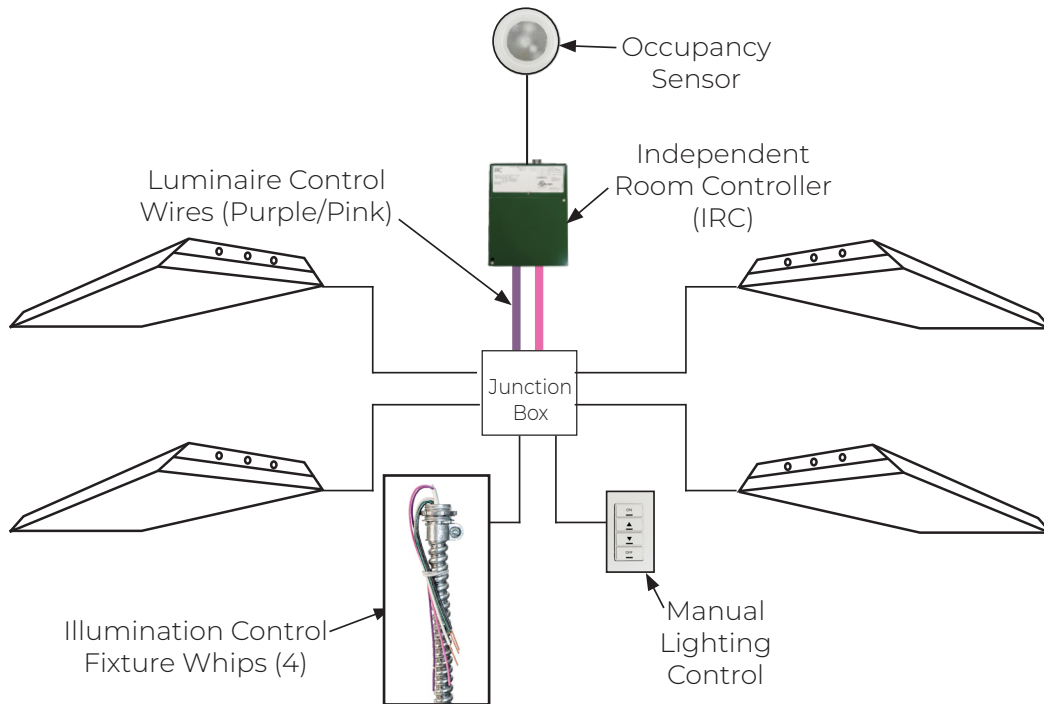




Illumination Control Fixture Whip — Dimensions



Illumination Control Fixture Whip — Application Example



Connector Reference Guide



Type: External - Set Screw,
Squeeze with LockNut
Connector Size: 3/8-inch
Part Number: E00-041-000
Material: Die Cast
Insulated: No



Type: External - Standard
Snap-In; with Set Screw
Connector Size: 3/8-inch
Part Number: E00-003-001
Material: Die Cast
Insulated: No



Type: External - Snap-In, Phenolic
Plastic with Steel
Connector Size: 3/8-inch
Part Number: E00-002-000
Material: Phenolic Plastic and Steel
Insulated: Yes



ILLUMINATION CONTROL FIXTURE WHIPS

Part Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/ Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
Illumination Control Fixture Whips: 6-Foot, 3/8 Inch with External Die-Cast Set Screw Lock Nut Connector										
EPW1863EX-3/8-IC	11009	3-18 Stranded Wire, 120V, Die-Cast, Squeeze-Type External Connector with Set Screw and Lock Nut, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	122
EPW1863EX-3/8-BGG-IC	11010	3-18 Stranded Wire, 277V, Die-Cast, Squeeze-Type External Connector with Set Screw and Lock Nut, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	122
EPW1863S-EX-3/8-IC	11011	3-18 Solid Wire, 120V, Die-Cast, Squeeze-Type External Connector with Set Screw and Lock Nut, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	122
EPW1863S-EX-3/8-BGG-IC	11012	3-18 Solid Wire, 277V, Die-Cast, Squeeze-Type External Connector with Set Screw and Lock Nut, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	122
Illumination Control Fixture Whips: 6-Foot, 3/8-Inch with External Die-Cast Snap-In Connector										
EPW1863ADEX-3/8-IC	11005	3-18 Stranded Wire, 120V, Die-Cast, Snap-in External Connector with Set Screw, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	119
EPW1863ADEX-3/8-BGG-IC	11006	3-18 Stranded Wire, 277V, Die-Cast, Snap-in External Connector with Set Screw, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	119
EPW1863SADEX-3/8-IC	11007	3-18 Solid Wire, 120V, Die-Cast, Snap-in External Connector with Set Screw, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	119
EPW1863SADEX-3/8-BGG-IC	11008	3-18 Solid Wire, 277V, Die-Cast, Snap-in External Connector with Set Screw, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	119
Illumination Control Fixture Whips: 6-Foot, 3/8-Inch with External Phenolic Plastic and Steel Snap-In Connector										
EPW1863A-3/8-IC	11001	3-18 Stranded Wire, 120V, External Phenolic Plastic and Steel Snap-in Connector, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	125
EPW1863A-3/8-BGG-IC	11002	3-18 Stranded Wire, 277V, External Phenolic Plastic and Steel Snap-in Connector, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	125
EPW1863SA-3/8-IC	11003	3-18 Solid Wire, 120V, External Phenolic Plastic and Steel Snap-in Connector, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	125
EPW1863SA-3/8-BGG-IC	11004	3-18 Solid Wire, 277V, External Phenolic Plastic and Steel Snap-in Connector, (2) 18 AWG Purple and Pink	EA	1	BRL	100	100	10	Yes	125
Note: Each 3/8" ICFW includes two (2), 18 AWG stranded wire, NEMA standard purple and pink illumination control conductors.										

UNITS OF MEASURE KEY

Order Unit: The Unit to be ordered; Order Qty: Number of pieces in each Unit; Unit Pkg: Packaging types - BG (Bag), BX (Box), BRL (Barrel); Units/Case: Unit packages contained in the Case; TL Case Qty: The total number of items in each Master Case; Min Order Qty: The smallest Unit that can be ordered; MM Req: Must order multiples of the Unit in the stated quantities; Ship Wt (Lbs): Total weight of the units per Carton

