

## Health Care Fixture Whips

### Product Data Sheet

Lighting fixtures designed for use in health care facilities must provide effective illumination and satisfy a number of demanding lighting and environmental requirements. And Engineered Products Company (EPCO) Fixture Whips are the common thread among all of a Health Care Facility's lighting systems.

We offer a broad variety of Health Care Fixture Whips in multiple configurations for LED (and Fluorescent) lighting systems that provide power and can integrate easily and efficiently with digital lighting controls for dimming and switching to improve building operations for virtually all health care environments. These Whips are divided into two (2) types: Standard Power and Illumination Control and Power.

EPCO's Health Care Fixture Whips meet 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). They are a cost-effective solution that saves the contractor time and labor when compared to buying and terminating expensive MC cable or making a fixture whip solution on the job site.

### Standard Health Care Fixture Whip

Our Standard Health Care Fixture Whip is intended to exclusively connect the line voltage conductors of an LED Luminaire's Driver to the incoming power conductors within an electrical junction box and can be used in new or retrofit construction.

### Illumination Control Health Care Fixture Whip

The ICFW meets all UL and NEC standards for combining power and lighting circuits with Class 1 (power) and Class 2 lighting control circuits in the same fixture whip. It can also be used in new or retrofit construction for lighting systems operating at 120/277 VAC.

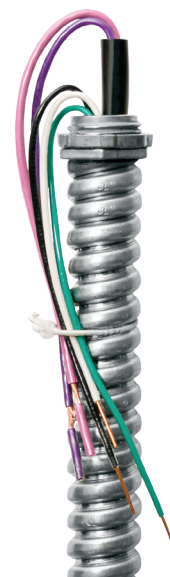
- Recommended for use as an energy management solution to reduce energy consumption and optimize facility lighting.
- Best used in conjunction with an independent room controller.
- Can be used to control lighting operations used in combination with occupancy sensors.
- Supports "green" construction practice.

### Typical Applications

- |                         |                             |
|-------------------------|-----------------------------|
| ■ Patient Care Areas    | ■ Visitor and Lobby Areas   |
| » General Care          | ■ Nurse and Reception Areas |
| » Critical Care         | ■ Corridors and Stairways   |
| ■ Hospitals and Clinics | ■ Procedure Rooms           |
| ■ Dental Clinics        | ■ MRI Imaging Lighting      |
| ■ Nursing Homes         | ■ Egress Lighting           |
| ■ Outpatient Facilities |                             |



Standard Health Care Fixture Whip  
Shown with Standard Screw-In  
Lock Nut Connector



Illumination Control Health Care  
Fixture Whip Shown with Standard  
Screw-In Lock Nut Connector



## Health Care Fixture Whips Specifications

<b>Flexible Metal Conduit</b>	Protects the circuit conductors in all dry location health care environments.
<b>Conductors</b>	Solid and Stranded Copper
<b>Conductor Insulation</b>	<b>Power Conductors:</b> THHN + Protective Polypropylene Cover <b>Control Conductors:</b> TFN (Illumination Control Fixture Whip only)
<b>Maximum Temperature Rating</b>	194°F (90°C) Dry
<b>Grounding Method</b>	Includes 12 AWG green insulated copper grounding conductor per NEC 250.118(10)(b)
<b>Lighting Control Conductors</b>	16 AWG Purple and Pink Stranded Wire Jacketed Pair (Illumination Control Fixture Whip only)
<b>Maximum Voltage Rating</b>	600 Volts (all conductors)
<b>Compliance Requirements</b>	<b>2023 National Electrical Code Articles:</b> 348.20 (A)(2)(5), 348.22, 410.117 (A)(B) and (C), 410.137 (C), 517.12 and 517.13(A)

Catalog Number	UPC Number	Description	Order Unit	Unit Qty	Unit Pkg	Units/Case	TL Case Qty	Min Order Qty	MM Req	Ship Wt (Lbs)
<b>Standard Health Care Fixture Whips</b>										
EPW1263	10315	3/8" (.375") 6-Foot, 3-12 AWG Stranded Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector	EA	1	BRL	100	100	10	Yes	190
EPW1263S	10337	3/8" (.375") 6-Foot, 3-12 AWG Solid Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector	EA	1	BRL	100	100	10	Yes	190
EPW1263-1/2	11600	1/2" (.5") 6-Foot, 3-12 AWG Stranded Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector	EA	1	BRL	100	100	10	Yes	186
EPW1263S-1/2	10314	1/2" (.5") 6-Foot, 3-12 AWG Solid Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector	EA	1	BRL	100	100	10	Yes	186
<b>Illumination Control Health Care Fixture Whips (120-Volt)</b>										
EPW1263-1/2-IC	84010	1/2" (.5") 6-Foot, 3-12 AWG Stranded Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector 16 AWG Stranded Wire Purple and Pink Control Conductors	EA	1	BRL	100	100	10	Yes	292
EPW1263S-1/2-IC	84011	1/2" (.5") 6-Foot, 3-12 AWG Solid Wire: Black, White, Green Conductors; Die-Cast Screw-In Connector 16 AWG Stranded Wire Purple and Pink Control Conductors	EA	1	BRL	100	100	10	Yes	292
<b>Illumination Control Health Care Fixture Whips (277-Volt)</b>										
EPW1263-1/2-BGG-IC	84038	1/2" (.5") 6-Foot, 3-12 AWG Stranded Wire: Brown, Grey, Green Conductors; Die-Cast Screw-In Connector 16 AWG Stranded Wire Purple and Pink Control Conductors	EA	1	BRL	100	100	10	Yes	292
EPW1263S-1/2-BGG-IC	84040	1/2" (.5") 6-Foot, 3-12 AWG Solid Wire: Brown, Grey, Green Conductors; Die-Cast Screw-In Connector 16 AWG Stranded Wire Purple and Pink Control Conductors	EA	1	BRL	100	100	10	Yes	292

We also build "custom" Fixture Whips to your specifications in any length and wire color using UL Listed components. Contact our Inside Sales Department (800.336.1976 or sales@engproducts.com) for more specific information.

 EPCO Health Care Fixture Whips are Made in the USA.  
Complies with the American Recovery and Reinvestment Act – Buy American Provision.

### 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

(03/23 AJ)

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