

# ECHF flexible luminaire supports

For pendant mount

Cl. I, Div. 1 & 2, Groups A, B, C, D  
Cl. II, Div. 1, Groups E, F, G  
Cl. II, Div. 2, Groups F, G  
Cl. III

Explosionproof  
Dust-ignitionproof

6L

## Applications:

ECHF flexible luminaire supports are used in hazardous locations:

- Where a luminaire must hang more than 12" from its supporting junction box (as specified by NEC Article 501 and CEC Part I, Section 18)
- To assure that luminaires hang plumb and will swing freely if accidentally struck; prevents damage to luminaire and supporting outlet fitting

## Features:

- Complies with NEC Article 501/CEC Part I, Section 18
- Free swinging in any direction through a large arc
- Good electrical continuity – no bonding jumpers needed
- Watertight construction
- Insulating liner of asphalt impregnated fiber to protect conductors
- Constructed to reinforced flexible metal hose
- Two female end fittings, each with a removable short nipple
- Nipples fit set screw type luminaire hubs
- Female end fittings are equipped with set screws to prevent turning during relamping and loosening of fitting with vibrations

## Certifications and compliances:

### NEC/CEC:

- Class I, Groups A, B, C, D
- Class II, Groups E, F, G
- Class III

### UL standard:

- UL1203

### CSA standard:

- C22.2 No. 30

## Standard materials:

- Inner core – brass
- Outer braid – bronze
- End fittings – bronze; brass (CSA certified units)

## Standard finish:

- Brass and bronze – natural

## Size ranges:

- Flexible length – 4" to 18"
- Nipple size – 1/2" and 3/4" (see Options section)
- Luminaire weight – up to 125 lbs.



Shown furnished with protective caps

## Options:

### Description Suffix

- Material – stainless steel hose and end fittings..... **S516**  
*ECHF does not include male nipples when ordering in stainless steel*
- Finish – flexible neoprene protective coating..... **S758**
- Special lengths and sizes available ..... **Details upon request**

## Ordering information:

Flexible length	Nipple size	Overall length	Cat. #
4"	1/2"	10"	<b>ECHF14</b>
	3/4"	10"	<b>ECHF24</b>
6"	1/2"	12"	<b>ECHF16</b>
	3/4"	12"	<b>ECHF26</b>
8"	1/2"	14"	<b>ECHF18</b>
	3/4"	14"	<b>ECHF28</b>
10"	1/2"	16"	<b>ECHF110</b>
	3/4"	16"	<b>ECHF210</b>
12"	1/2"	18"	<b>ECHF112</b>
	3/4"	18"	<b>ECHF212</b>
15"	1/2"	21"	<b>ECHF115</b>
	3/4"	21"	<b>ECHF215</b>
18"	1/2"	24"	<b>ECHF118</b>
	3/4"	24"	<b>ECHF218</b>