

AL Ball and Cushion Flexible Fixture Hangers

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Ball Joint Permits 20° Swing.

NEC: Listed for Ordinary (Unclassified) Locations

Applications

- Designed for suspension of lighting fixtures.
- Functions as combination conduit outlet box and hanger.

Features

- Protects fixture against wind and vibration damage.
- Cushion type for added protection where lighting fixtures are subjected to vibration.
- Dual function—conduit outlet box and fixture hanger.
- Choice of ball or cushion type.
- Swivel joint construction—allows 20° swing from vertical.
- Cushion style, with conical spring, supports up to 54 kg (120 lbs).
- Cushion type has setscrew for locking fixture stem.
- Fixture and hanger stem can be wired at work bench.

Standard Materials

- Malleable iron with steel cover

Standard Finishes

- Malleable iron parts: triple coat — (1) zinc electroplate, (2) chromate, and (3) epoxy powder coat
- Steel parts: zinc electroplate

NEC Certifications and Compliances

- UL Listed: E109438



ALA — Ball Hanger



ALC — Ball Hanger

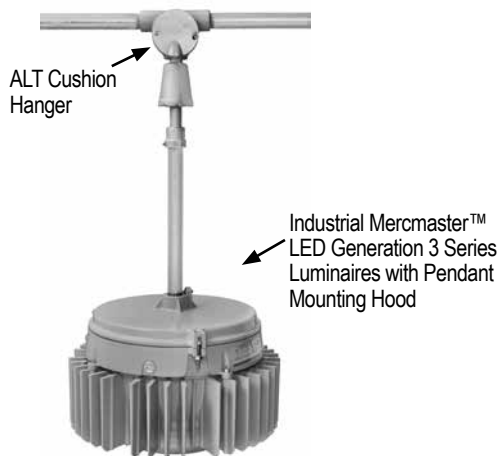


ALL — Cushion Hanger



ALT — Cushion Hanger

Illustrated Features



AL Ball and Cushion Flexible Fixture Hangers

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Ball Joint Permits 20° Swing.

NEC: Listed for Ordinary (Unclassified) Locations

	Support Weight in kg (lbs)	Conduit Size (Inches)	Fixture Stem Size (Inches)	Weight in kg (lbs)	Catalog Number
ALA — Ball Hanger — Single side entry					
	112.5 (250)	1/2	1/2	0.63 (1.39)	ALA50-B
		3/4	1/2	0.72 (1.59)	ALA7550-B
	112.5 (250)	3/4	3/4	0.70 (1.54)	ALA75-B
ALA — Cushion Hanger — Furnished with a 3/4" to 1/2" reducer for 1/2" stems — Single side entry					
	1.4 to 5.4 (3 to 12)	1/2	3/4 or 1/2	1.07 (2.36)	ALA50-12
		3/4	3/4 or 1/2	1.16 (2.56)	ALA7575-12
	5.4 to 21.6 (12 to 48)	1/2	3/4 or 1/2	1.14 (2.52)	ALA50-48
		3/4	3/4 or 1/2	1.23 (2.72)	ALA7575-48
	21.6 to 54.0 (48 to 120)	1/2	3/4 or 1/2	1.26 (2.78)	ALA50-120
		3/4	3/4 or 1/2	1.35 (2.98)	ALA7575-120
ALC — Ball Hanger — Feed-thru — Two side entries					
	112.5 (250)	1/2	1/2	0.68 (1.50)	ALC50-B
		3/4	1/2	0.68 (1.50)	ALC7550-B
		1	1/2	0.80 (1.76)	ALC1050-B
	112.5 (250)	3/4	3/4	0.66 (1.45)	ALC75-B
		1	3/4	0.78 (1.71)	ALC1075-B
ALC — Cushion Hanger — Furnished with a 3/4" to 1/2" reducer for 1/2" stems — Feed-thru — Two side entries					
	1.4 to 5.4 (3 to 12)	1/2	3/4 or 1/2	1.12 (2.47)	ALC50-12
		3/4	3/4 or 1/2	1.12 (2.47)	ALC7575-12
		1	3/4 or 1/2	1.24 (2.73)	ALC1075-12
	5.4 to 21.6 (12 to 48)	1/2	3/4 or 1/2	1.19 (2.63)	ALC50-48
		3/4	3/4 or 1/2	1.19 (2.63)	ALC7575-48
		1	3/4 or 1/2	1.31 (2.89)	ALC1075-48
	21.6 to 54.0 (48 to 120)	1/2	3/4 or 1/2	1.31 (2.89)	ALC50-120
		3/4	3/4 or 1/2	1.31 (2.89)	ALC7575-120
		1	3/4 or 1/2	1.43 (3.15)	ALC1075-120

AL Ball and Cushion Flexible Fixture Hangers

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Ball Joint Permits 20° Swing.

NEC: Listed for Ordinary (Unclassified) Locations

	Support Weight in kg (lbs)	Conduit Size (Inches)	Fixture Stem Size (Inches)	Weight in kg (lbs)	Catalog Number
ALL — Ball Hanger — One side entry and one rear entry					
	112.5 (250)	1/2	1/2	0.63 (1.39)	ALL50-B
		3/4	1/2	0.68 (1.51)	ALL7550-B
	112.5 (250)	3/4	3/4	0.66 (1.46)	ALL75-B
ALL — Cushion Hanger — Furnished with a 3/4" to 1/2" reducer for 1/2" stems — One side entry and one rear entry					
	1.4 to 5.4 (3 to 12)	1/2	3/4 or 1/2	1.07 (2.36)	ALL50-12
		3/4	3/4 or 1/2	1.12 (2.48)	ALL7575-12
	5.4 to 21.6 (12 to 48)	1/2	3/4 or 1/2	1.14 (2.52)	ALL50-48
		3/4	3/4 or 1/2	1.20 (2.64)	ALL7575-48
	21.6 to 54 (48 to 120)	1/2	3/4 or 1/2	1.26 (2.78)	ALL50-120
		3/4	3/4 or 1/2	1.32 (2.90)	ALL7575-120
ALT — Ball Hanger — Two side entries and one rear entry					
	112.5 (250)	1/2	1/2	0.70 (1.55)	ALT50-B
		3/4	1/2	0.77 (1.69)	ALT7550-B
		1	1/2	0.91 (2.01)	ALT1050-B
	112.5 (250)	3/4	3/4	0.74 (1.64)	ALT75-B
		1	3/4	0.88 (1.96)	ALT1075-B
ALT — Cushion Hanger — Furnished with a 3/4" to 1/2" reducer for 1/2" stems — Two side entries and one rear entry					
	1.4 to 5.4 (3 to 12)	1/2	3/4 or 1/2	1.14 (2.52)	ALT50-12
		3/4	3/4 or 1/2	1.21 (2.66)	ALT7575-12
		1	3/4 or 1/2	1.35 (2.98)	ALT1075-12
	5.4 to 21.6 (12 to 48)	1/2	3/4 or 1/2	1.22 (2.68)	ALT50-48
		3/4	3/4 or 1/2	1.28 (2.82)	ALT7575-48
		1	3/4 or 1/2	1.42 (3.14)	ALT1075-48
	21.6 to 54 (48 to 120)	1/2	3/4 or 1/2	1.33 (2.94)	ALT50-120
		3/4	3/4 or 1/2	1.40 (3.08)	ALT7575-120
		1	3/4 or 1/2	1.54 (3.40)	ALT1075-120

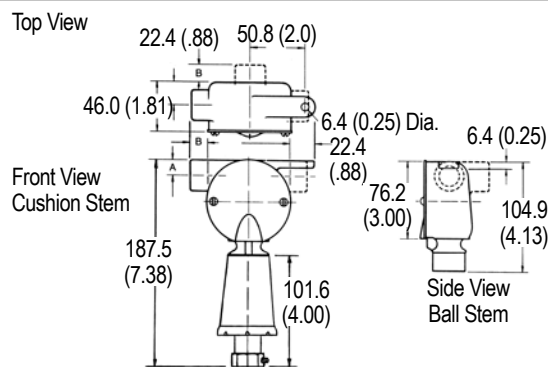
AL Ball and Cushion Flexible Fixture Hangers

UNILETS™ for Use with Threaded Rigid Metal Conduit and IMC. Ball Joint Permits 20° Swing.

NEC: Listed for Ordinary (Unclassified) Locations

	Support Weight in kg (lbs)	Conduit Size (Inches)	Weight in kg (lbs)	Catalog Number
ALA — Hanger Bodies				
	(Refer to Cushion and Ball Fixture Stems Below)	1/2	0.49 (1.08)	ALA50
		3/4	0.58 (1.28)	ALA75
ALC — Hanger Bodies				
	(Refer to Cushion and Ball Fixture Stems Below)	1/2	0.54 (1.19)	ALC50
		3/4	0.54 (1.19)	ALC75
		1	0.66 (1.45)	ALC100
ALL — Hanger Bodies				
	(Refer to Cushion and Ball Fixture Stems Below)	1/2	0.49 (1.08)	ALL50
		3/4	0.54 (1.20)	ALL75
ALT — Hanger Bodies				
	(Refer to Cushion and Ball Fixture Stems Below)	1/2	0.56 (1.24)	ALT50
		3/4	0.63 (1.38)	ALT75
		1	0.77 (1.70)	ALT100
AL — Ball Fixture Stem				
	112.5 (250)	1/2	0.14 (0.31)	BJ50
		3/4	0.12 (0.26)	BJ75
AL — Cushion Fixture Stems				
Fixture stem tapped for 3/4"; 3/4" to 1/2" reducer furnished for 1/2" stems. With setscrew for locking fixture stem.				
	1.4-5.4 (3-12)	3/4 or 1/2	0.58 (1.28)	CJC75-12
	5.4-21.6 (12-48)	3/4 or 1/2	0.65 (1.44)	CJC75-48
	21.6-54.0 (48-120)	3/4 or 1/2	0.77 (1.70)	CJC75-120

AL Fixture Hanger Dimensions — Millimeters (Inches)



Conduit Size (Inches)	Dimensions in Millimeters (Inches)	
	A	B
1/2"	4.2 (0.56)	17.5 (0.69)
3/4"	17.5 (0.69)	17.5 (0.69)
1"	22.4 (0.88)	20.6 (0.81)