Data Sheet

Product Data Sheet 7675-4
January, 1995

GE Lighting Components

Fluorescent Lamp Bases

Because of their combination of low cost and high lumen output, fluorescent lamps have become the lighting method of choice for business and industrial facilities around the world.

Among the key components in fluorescent lamps are the bases. They are designed primarily to carry electrical current from the source into the lamp atmosphere. But they also provide electrical insulation, create closure at both ends, and help anchor the various components within the tube.

User Options

GE Lighting Components is a major supplier of fluorescent lamp bases to the world market. This data sheet covers the four most common configurations: miniature bipin, medium bipin, medium single pin and recessed double contact.

There are also four types of pins available. The most common are those with soldered or welded seams. The others are seamless (or crimped) pins and stepped pins.

Plastic insulation serves the needs of most applications, but for higher performance bases, GE Lighting Components offers a combination of vulcanized fiber (inner) and paper phenolic (outer) insulation. Additional types of insulation materials, as well as vents, slots and other design options are also available.

Meet International Standards

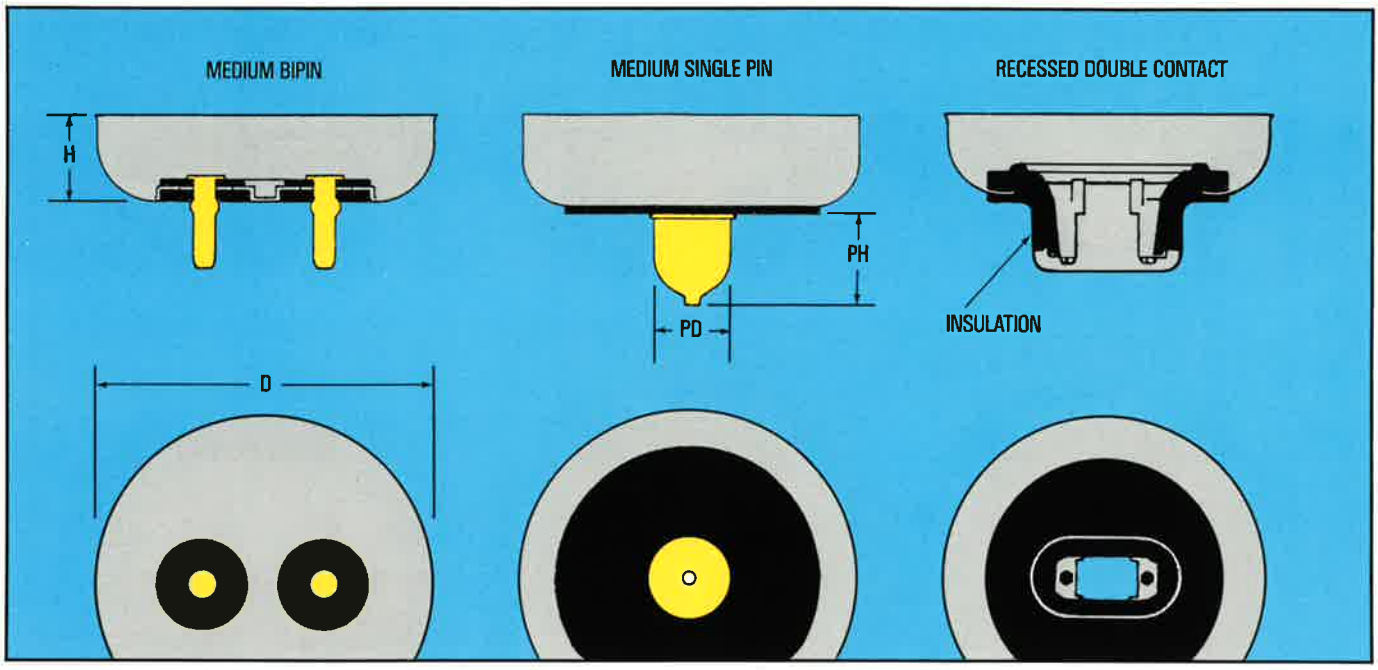
GE fluorescent lamp bases conform to a number of specifications, including the ANSI and SAE codes. To meet specifications in international markets, GE manufactures bases to the metric dimensions published by the International Electric Commission (IEC). A conversion table from GE product code numbers to IEC designations is available from GE Lighting Components.

Ordering Information

To order fluorescent lamp bases, contact the plant indicated for each part number shown in the table on the next page: P for the Providence, Rhode Island plant and C for the Conneaut, Ohio plant. For more detailed specification information, contact the GE Lighting Components office in Cleveland (see page 2).

Providence Base Plant
586 Atwells Avenue
Providence, Rhode Island 02909
Tel: (401) 456-6140
Fax: (401) 456-6132

Conneaut Base Plant
880 Maple Avenue
Conneaut, Ohio 44030
Tel: (216) 593-1156, Ext. 228
Fax: (216) 593-1156



Fluorescent Lamp Bases

Aluminum shell and plastic insulation unless otherwise noted: brass pins, diameter shown excludes flare, dimensions in inches and (mm).

Product Code	Description	D Diameter	H Height	PD-Pin Diameter	PH-Pin Height	Order From
Medium Single Pin						
2108-03	Crimp Type Pin, T-8	.922 (23.42)	.395 (10.03)	.415 (10.50)	.330 (8.38)	P
2108-05	Weld Type Pin, T-8					
2112-01	Solder Type Pin, T-12	1.375 (34.92)	.395 (10.03)	.311 (7.90)	.325 (8.26)	
2112-05	Weld Type Pin, T-12				.370 (9.39)	
Miniature						
2205-01	Solder Type, Bipin, T-5	.505 (12.82)	.419 (10.64)	.093 (2.36)	.276 (7.01)	P
2005-02	Pinless Type, T-5	.522 (13.25)	.460 (11.68)	—	—	
Medium Bipin						
2208-01	Solder Type Pins, T-8	.927 (23.54)	.358 (9.09)	.093 (2.36)	.276 (7.01)	P
2208-05	Weld Type Pins, T-8				.301 (7.64)	
2210-06	Crimp Type Pins, T-10	1.156 (29.63)	.433 (11.0)		.277 (7.05)	C
2212-01	Solder Type Pins, T-12	1.375 (34.92)	.360 (9.14)		.276 (7.01)	
2212-05	Weld Type Pins, T-12				.301 (7.64)	
2212-06	Weld Type Pins, T-12					
2212-08	Seamless Type Pins, T-12				.281 (7.13)	
2212-36	Angled Shell, Stepped Pin, Vulcanized Fiber & Paper Phenolic Insulation	1.415 (35.95)	.354 (9.0)	.093 (2.36)	.301 (7.64)	C
Recessed Double Contact						
2510-10	Brass or Aluminum, T-10	1.175 (29.84)	.515 (13.08)	.345 (8.763) by .658 (16.713)	.315 (7.98)	P
2512-10	Brass or Aluminum, T-12	1.375 (34.92)	.395 (10.03)			
2517-10	Brass or Aluminum, T-17	1.968 (49.99)	.668 (16.95)			

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Cleveland, Ohio 44112
(216) 266-2451 Fax: (216) 266-3372

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