



Automotive Lamp Bases

Because of the vibration and shock loads that occur during use, bases for automotive lamps must be tough, durable and sized to fit snugly into their sockets.

GE Lighting is a volume producer of automotive lamp bases that meet these stringent demands. We offer major production facilities in the United States and Europe, over 70 years of experience in producing lamp bases and a long track record as a quality supplier.

Automotive bases are available from GE Lighting Components in eleven candelabra sizes and two miniature sizes.

The candelabra bases are of three basic designs — bayonet, double contact and single contact.

The standard design is a brass shell with glass insulation. Options include nickel plated brass shells, 45° and 90° slots, one or two eyelets, and one base with ceramic insulation.

Bayonet bases are available with pins placed in different planes to achieve polarity. Stamped or inked markings, and accommodations for side wire attachments are some of the available options.

Miniature bases are bayonet designs with either brass or nickel plated brass shells. See the table on the next page for more details.

Key Components

Bases perform a key function in the operation of a lamp. They help channel electrical current from the source into the envelope, provide the required insulation and contribute both strength and stability to the light bulb structure.

Meet International Standards

GE automotive bases conform to a number of specifications, including the ANSI and SAE codes. To meet specifications in international

markets, GE manufactures automotive 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.

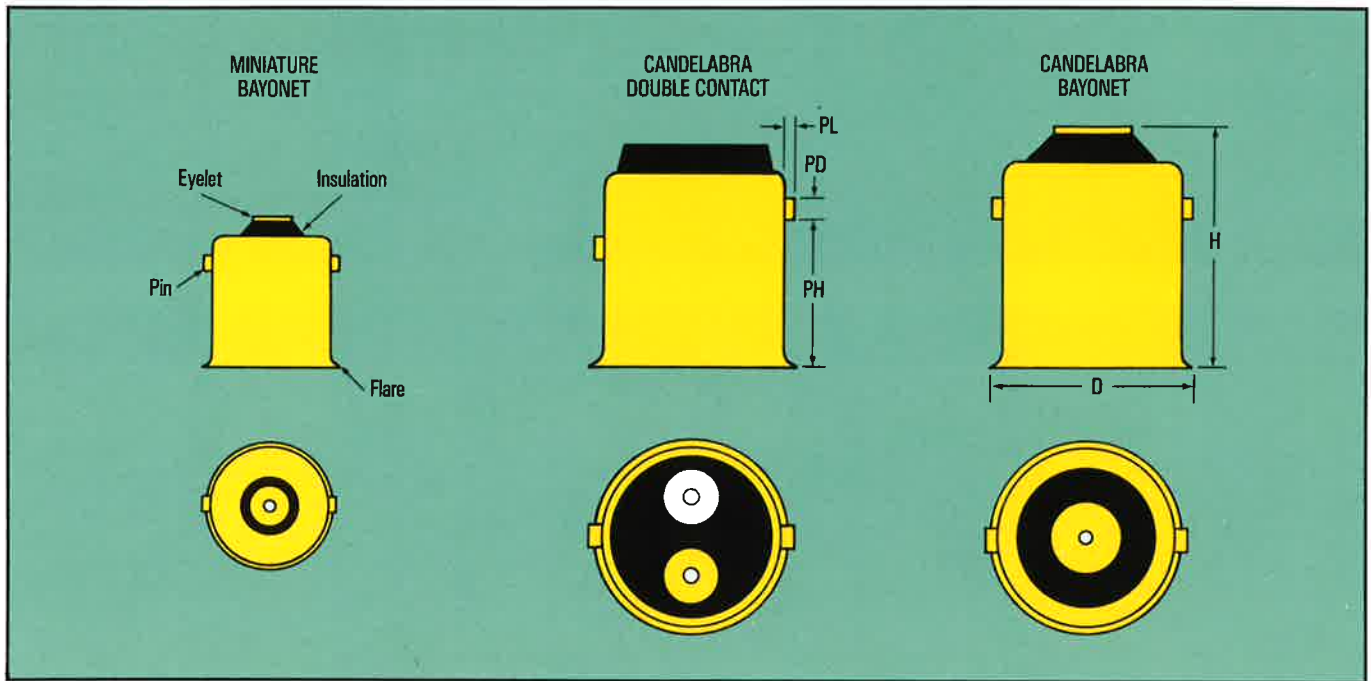
Ordering Information

To place an order, contact the Providence, RI, plant for all part numbers except 1002-36, the ceramic insulated base:

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

To order the ceramic insulated base or obtain additional specification data, contact:

GE Lighting Components
Building 315, Nela Park
Cleveland, Ohio 44112
(216) 266-2451, Fax: (216) 266-3372.



Automotive Bases Brass shell and glass insulation unless otherwise noted; brass pins; diameter shown does not include flare; dimensions are in inches and (mm) and are nominal unless otherwise noted.

Product Code	Description	D Diameter OD Max	H Height	E Eyelet Diameter Minimum	PD Pin Diameter	PL Pin Length Minimum	PH Pin Height	Order From
Miniature Bayonet								
0651-01	.432 Tip Clearance	.366 (9.30)	.595 (12.57)	.156 (3.96)	.063 (1.60)	.025 (.640)	.316 (8.04)	P
0651-03	.432 Tip Clearance, Nickel Plated							
Candelabra Bayonet								
1002-04 1002-05 1002-22	Standard Nickel Plated 45° Slot Between Pins	.600 (15.25)	.748 (19.0)	.177 (4.50)	.079 (2.0)	.025 (.640)	.500 (12.70)	P
1002-36	Ceramic Insulation (Not Shown)						.602 (15.30)	
Candelabra Bayonet Double Contact								
1004-02 1004-19 1004-20	Standard 45° Slot, Nickel Plated 45° Slot Between Pins	.600 (15.25)	.748 (19.0)	.177 (4.50)	.079 (2.0)	.025 (.640)	.500 (12.70)	P
Candelabra Bayonet Single Contact								
1103-01 1103-03 1103-43	Standard Nickel Plated 90° Slot Between Pins	.600 (15.25)	.748 (19.0)	.191 (4.84)	.079 (2.0)	.025 (.640)	.500 (12.70)	P
1105-10	45° Slot, Nickel Plated, Marked USA						.602 (15.30)	

P – Providence Plant • N – Nela Park, Cleveland.



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