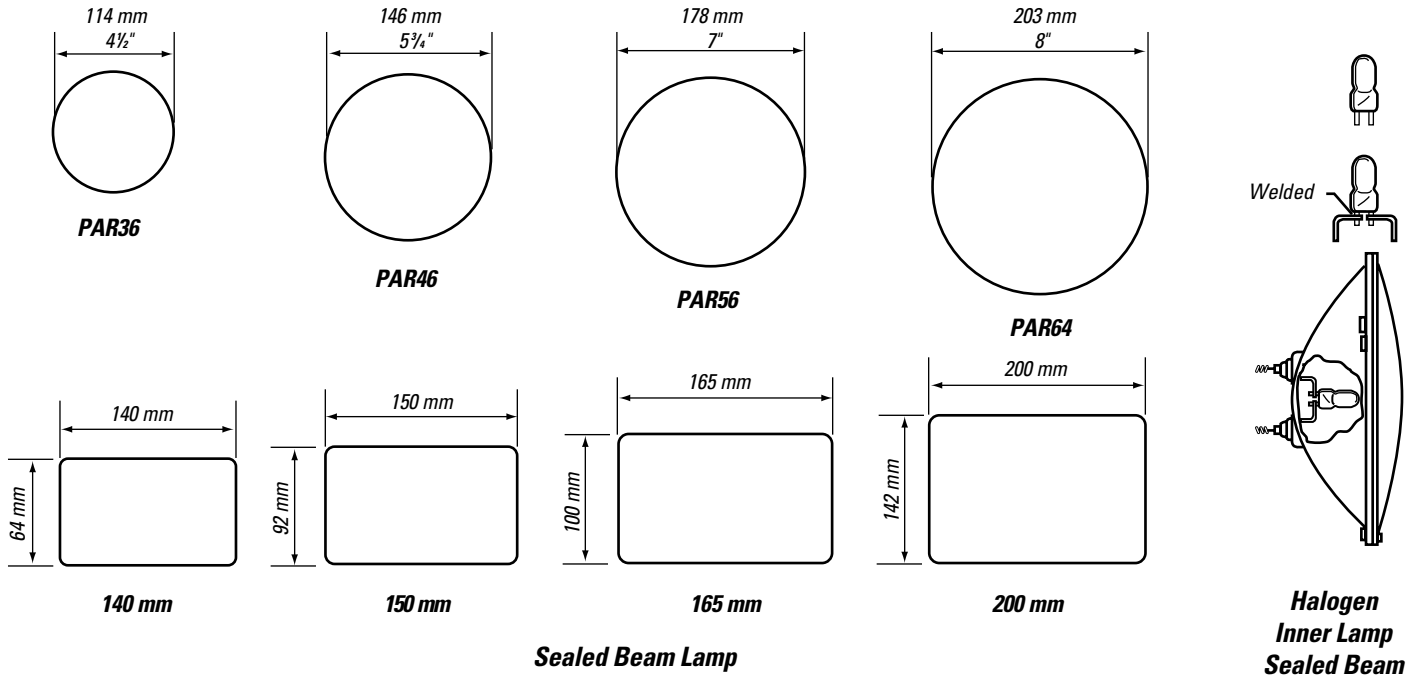


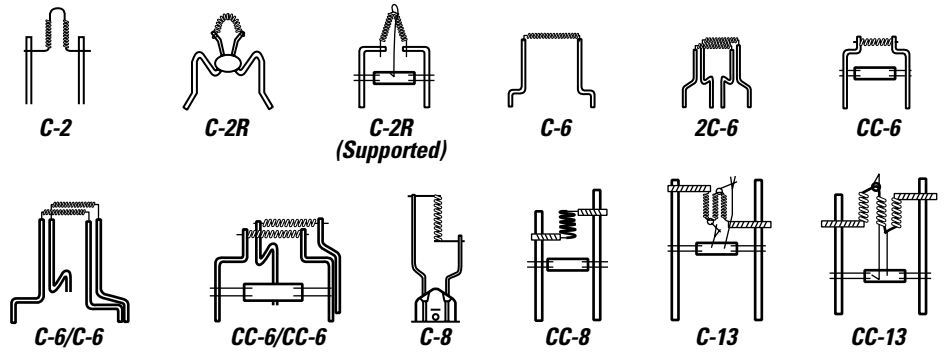
SEALED BEAM, FILAMENTS & BASES (Typical)

Bulbs



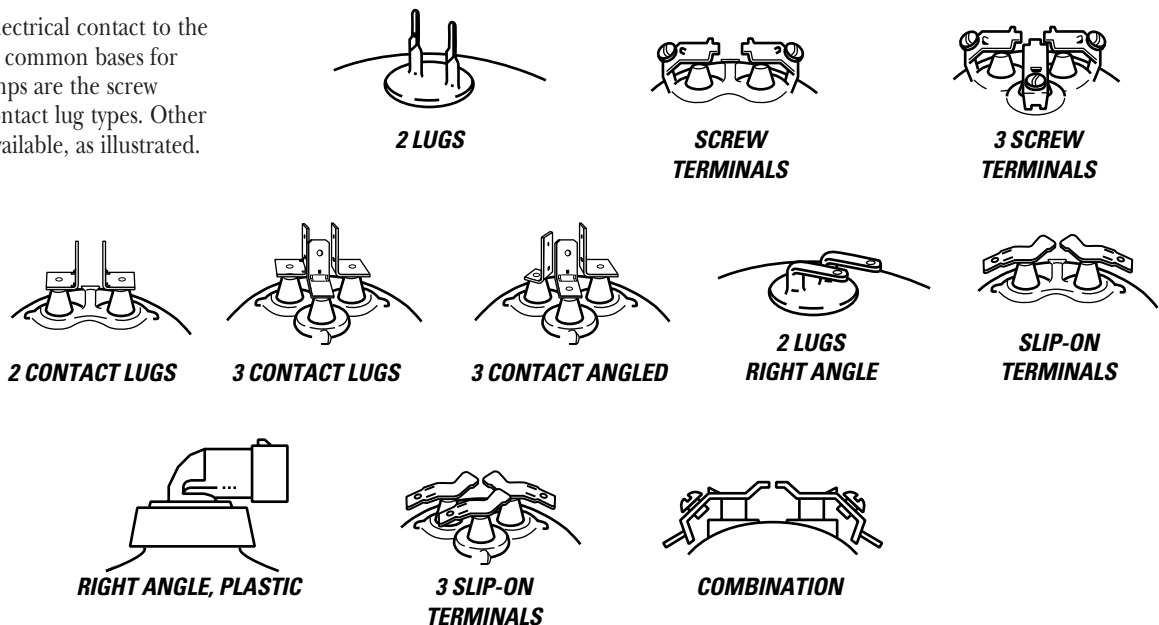
Filaments

Filaments for sealed beam lamps may be a coil (C) or a coiled coil (CC) wire. Coiling the filament wire reduces gas losses and increases efficiency. The number following the coil identification letter(s) denotes the arrangement of the filament on the supports.



Bases

Bases provide electrical contact to the lamp. The most common bases for sealed beam lamps are the screw terminal and contact lug types. Other types are also available, as illustrated.



SEALED BEAM LAMP SPECIFICATIONS

Line No.	Order Code			GE Lamp No.	Primary Application	Safety Notes	Design Volts	Design Watts or Amps	Approx. Initial Max. Beam C.P.	Approx. Total Spread to 10% Max. C.P. – Degrees		Rated Average Lab Life (Hours)	Base	Filament Designation	Max. Overall Length	
	Blister Pack	Unit Pack	Bulk Pack							Horiz.	Vert.				mm	(in.)
PAR36 BULB 114mm (4½ in) DIAMETER (continued)																
1		24478	24477	4414	Warning Signal, Emergency Bldg. Lighting, Garden and Security Lighting		12.8	18W	1,500	50	25	300	Screw Terminals	C-6	70	2.75
2		24487		4414R	Turn Signal, Warning Signal Red Lens		12.8	18W	275	50	25	300	Screw Terminals	C-6	70	2.75
3		39987	39988	7414Y	Signal, Light Yellow Lens		12.8	18W	1,000	50	25	300	Screw Terminals	C-6	70	2.75
4		37046	37047	4446	Emergency Bldg. Lighting		12.8	25W	400	80	80	300	Screw Terminals	C-6	70	2.75
5		24425	24423	4405	Spotlight		12.8	30W	50,000	6	5	100	Screw Terminals	C-6	70	2.75
6		22983	24503	4416	Spotlamp, Signal		12.8	30W	35,000	11	4	300	Screw Terminals	C-6	70	2.75
7			34901	4416-1	Spotlamp, Signal		12.8	30W	35,000	11	4	300	Slip-on Terminals	C-6	70	2.75
8		24506		4416A	Signal, Yellow Lens Cover		12.8	30W	26,000	11	4	300	Screw Terminals	C-6	70	2.75
9		24513		4416R	Signal, Red Lens Cover		12.8	30W	4,000	11	4	300	Screw Terminals	C-6	70	2.75
10		15129		H4405	Spotlamp, Shielded Bulb	307	12.8	30W	66,000	7	4	100	Screw Terminals	C-6	70	2.75
11		24430	24428	4406	Tractor, Flood		12.8	35W	600	80	30	300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
12		24439		4410	Backup Lamp, Tractor Flood		12.8	35W	600	80	30	300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
13		24448	24443	4411	Tractor		12.8	35W	3,000	Trapezoidal		300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
14		37889		4411-1	Tractor		12.8	35W	3,000	Trapezoidal		300 ⁽⁴⁾	Slip-on Terminals	C-6	70	2.75
15			48032	4411-3*	Tractor		12.8	35W	3,000	Trapezoidal		300 ⁽⁴⁾	Combination	C-6	70	2.75
16		22982		4415	Fog		12.8	35W	9,000	40	5	300	Screw Terminals	C-6	70	2.75
17		24499	24497	4415A	Fog, Yellow Lens		12.8	35W	7,000	40	5	300	Screw Terminals	C-6	70	2.75
18		24542		4422	Tractor		12.8	35W	600	75° Cone		300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
19		40190	40191	7400	Signal, Rotating Beacon		12.8	35W	33,000	12	5	300	Slip-on Terminals	C-6	70	2.75
20			42385	7400-1	Signal, Rotating Beacon		12.8	35W	33,000	12	5	300	Screw Terminals	C-6	70	2.75
21		42841	42842	H7600	Halogen Signal, Rotating Beacon	307	12.8	37.5W	60,000	9	4½	300	Screw Terminals	C-6	70	2.75
22		42838	42839	H7616	Halogen Spotlamp	307	12.8	37.5W	70,000	7	4	300	Screw Terminals	C-6	70	2.75
23		39932	39933	4440X	Tractor		12.8	40W	6,000	40	7	320 ⁽⁴⁾	3 Contact Lugs	C-6	76	3.00
							12.8	40W	4,500	33	9	320 ⁽⁴⁾		C-6		
24		39748		4440X-1	Tractor		12.8	40W	6,000	40	7	320 ⁽⁴⁾	3 Slip-on Terminals	C-6	70	2.75
							12.8	40W	4,500	33	9	320 ⁽⁴⁾		C-6		
25		40176		4460X	Tractor		12.8	40W	6,500	22	10	320 ⁽⁴⁾	3 Screw Terminals	C-6	70	2.75
							12.8	40W	5,000	22	13	320 ⁽⁴⁾		C-6		
26			17674	H4460X	Tractor	307	12.8	40W	11,000	22	10	320 ⁽⁴⁾	3 Screw Terminals	C-6	70	2.75
							12.8	40W	8,500	22	13	320 ⁽⁴⁾		C-6		
27		43576	43577	H7604	Halogen Spotlamp	307	12.8	50W	100,000	7	5	100	Screw Terminals	C-6	70	2.75
28		14616	43580	H7606	Tractor, Flood Halogen – Cycle	307	12.8	50W	1,000	80	30	400 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
29		14618	43586	H7610	Halogen Tractor	307	12.8	50W	5,200	Trapezoidal		400 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
30		49731	49732	H7614	Halogen Flood	307	12.8	50W	2,000	70	30	100	Screw Terminals	C-6	70	2.75
31		24592		4461	Tractor		12.8	60W	6,000	Trapezoidal		300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
32		24596		4466	Tractor		12.8	60W	1,000	80	30	300 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
33			17672	H7607	Tractor Flood	307	12.8	65W	1,500	Non-Symmetrical		600 ⁽⁴⁾	Screw Terminals	C-6	70	2.75
34		24650	24649	4509	Aircraft Landing Spotlamp		13.0	100W	110,000	12	6	25	Screw Terminals	C-6	70	2.75
35		41503		4509X	Marine Spotlamp		13.0	100W	110,000	12	6	25	Screw Terminals	C-6	70	2.75
36		11524		4509Y	Special Service		13.0	100W	–	12	6	25	Screw Terminals	C-6	70	2.75
37		24690		4519	Marine		13.0	100W	30,000	40	7	25	Screw Terminals	C-6	70	2.75
38		39906	39907	4700	Spot/Flood		13.0	100W	100,000	12	7	25	3 Screw Terminals	C-6	70	2.75
							13.0	100W	50,000	17	18	25				
39		22109		Q4509	Halogen Quartzline®, Aircraft Landing	301	13.0	100W	140,000	7	7	100	Screw Terminal	C-8	70	2.75

4. At 14 volts.

301. See page 50.

307. See page 50.