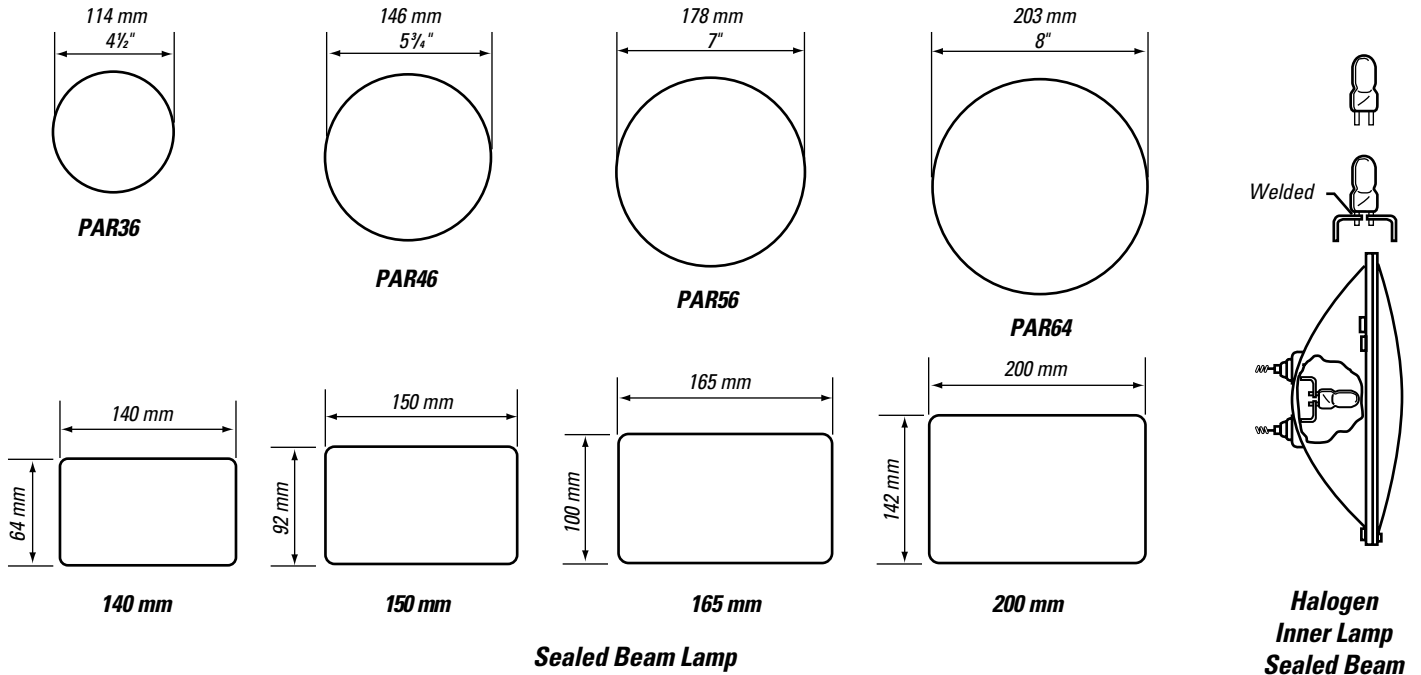


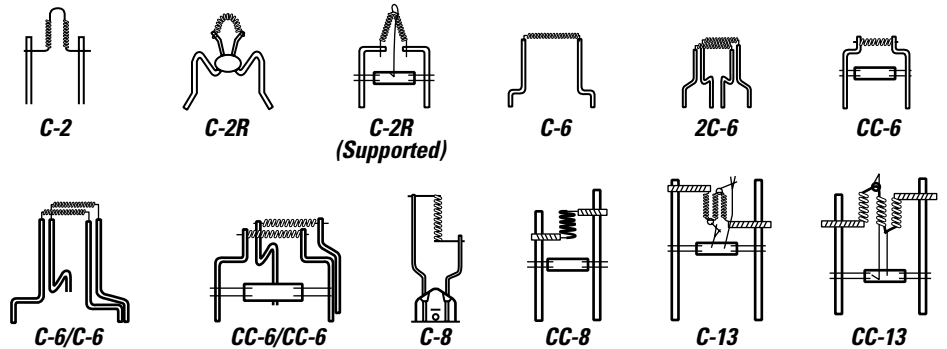
SEALED BEAM, FILAMENTS & BASES (Typical)

Bulbs



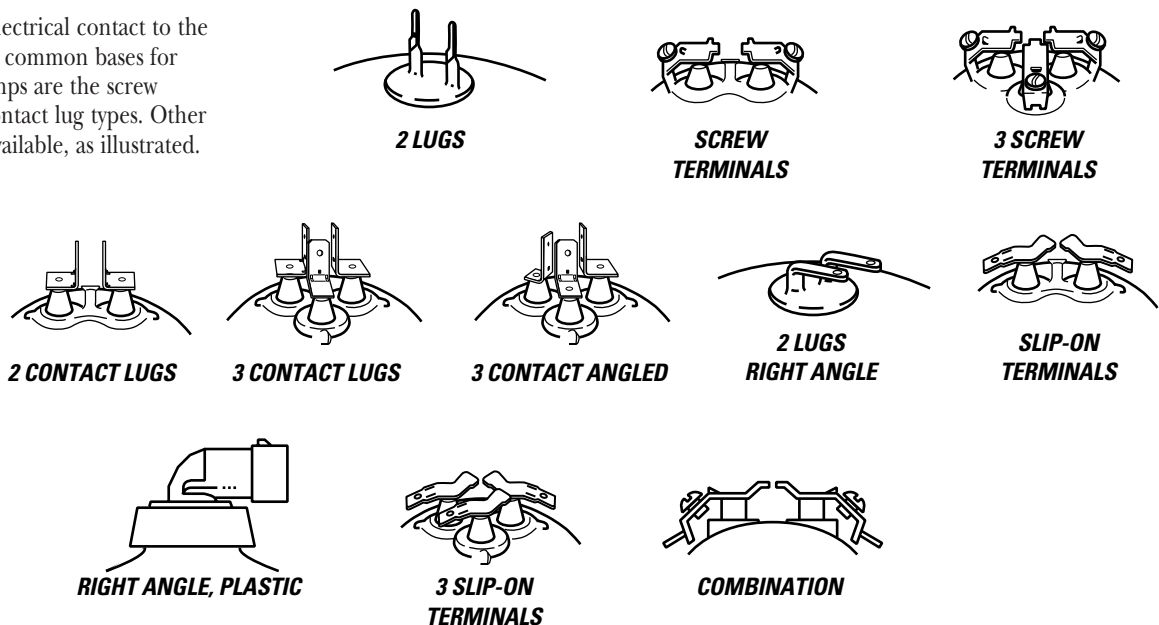
Filaments

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.)
RECTANGULAR 72mm x 140mm (2.8 in x 5.5 in)																
1			18350	H4360	Tractor	307	12.8	37.5W	2,000	Trapezoidal		320	2 Right Angle Lugs	C-6	76	3.00
2			41453	H5360*	Halogen Tractor Work Light	307	12.8	37.5W	2,000	Trapezoidal		900	2 Right Angle Lugs	C-6	76	3.00
3		22386		H4351	Auto Headlamp Low Beam Type K	307	12.8	55W	SAE Specifications		500	Right Angle, Plastic	C-8	102	4.00	
4		10211		H4351LH*	Headlamp – Left Hand Drive – Export only	307	12.8	55W	—		500	Right Angle, Plastic	C-8	102	4.00	
5		22387		H4352	Auto Headlamp, Upper Beam Type K	307	12.8	65W	SAE Specifications		150	Right Angle, Plastic	C-8	102	4.00	
RECTANGULAR 92mm x 150mm (3.6 in x 5.9 in)																
6		16484	16483	H9415	Auto, Fog – Halogen	307	12.8	37.5W	12,000	45	5	200 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
7		17988		H9415A	Auto Fog Amber	307	12.8	37.5W	–	45	5	200 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
8		15767	15763	H9405	Spotlamp, Halogen	307	12.8	50W	100,000	7	4	100	2 Right Angle Lugs	C-6	76	3.00
9		15769	15768	H9406	Tractor, Flood, Halogen	307	12.8	50W	1,350	70	30	400 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
10		15771	15770	H9411	Tractor, Trapezoidal, Halogen	307	12.8	50W	5,400	Trapezoidal		400 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
11			15772	H9414	Tractor, Emergency Lighting, Medium Flood, Halogen	307	12.8	50W	2,700	45	20	400 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
12		16976	16978	H9420	Auto, Driving – Halogen	307	12.8	50W	47,000	15	5	200 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
13		16482		H9421	Auto, Truck, Special Service – Halogen ⁽¹⁰⁹⁾	307	12.8	50W	4,000	45	8	200 ⁽⁴⁾	2 Right Angle Lugs	C-6	76	3.00
14		18538	48534	H4703	Auto Headlamp, Low Beam Type LF	307	12.8	55W	SAE Specifications		320	2 Lugs	C-8	85	3.40	
15		18536	48533	H4701	Auto Headlamp High Beam Type UF	307	12.8	65W	SAE Specifications		150	2 Lugs	C-8	85	3.40	
RECTANGULAR 100mm x 165mm (4.2 in x 6.5 in)																
16		18533	49810	H4656	Auto Headlamp, Low Beam, Type 2A1	HI LO	307 12.8	35W 35W	SAE Specifications		200 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	121	4.80	
17		18518		4652	Auto Headlamp, Low Beam, Type 2A1	HI LO	307 12.8	40W 60W	SAE Specifications		200 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	121	4.80	
18		14753		H4656H0	Auto Headlamp, Low Beam, Type 2A1. Higher output	HI LO	307 12.8	40W 55W	SAE Specifications		200 ⁽⁴⁾ 700	3 Contact Lugs	C-8 C-8	121	4.80	
19		45475		H4656SB*	Auto Headlamp, Low Beam, Type 2A1. Coated for White Light	HI LO	307 12.8	40W 55W	SAE Specifications		75 ⁽⁴⁾ 200	3 Contact Lugs	C-8 C-8	121	4.80	
20		19412	19557	H5062	Truck Headlamp, High/Low Beam, Type 2A1. Long Life.	HI LO	307 12.8	40W 55W	SAE Specifications		400 ⁽⁴⁾ 2,000 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	121	4.80	
21		18517	41861	4651	Auto Headlamp, High Beam, Type 1A1	307	12.8	50W	SAE Specifications		200 ⁽⁴⁾	2 Contact Lugs	C-6	121	4.80	
22		45110	45111	4912-1	Auto/Truck Fog	307	12.8	50W	14,000	40	7	300	Slip-on Terminals	C-6	115	4.53
23			45113	4913-1	Farm Tractor, Flood	307	12.8	50W	1,350	80	20	400 ⁽⁴⁾	Slip-on Terminals	C-6	115	4.53
24		18532	45027	H4651	Auto Headlamp, High Beam, Type 1A	307	12.8	50W	SAE Specifications		200 ⁽⁴⁾	2 Contact Lugs	C-6	121	4.80	
25		46375		H4651SB*	Auto Headlamp, High Beam, Type 1A. Coated For White Light	307	12.8	50W	SAE Specifications		200 ⁽⁴⁾	2 Contact Lugs	C-6	121	4.80	
26		19411	19556	H5051	Truck Headlamp, High Beam, Type 1A. Long Life	307	12.8	50W	SAE Specifications		500 ⁽⁴⁾	2 Contact Lugs	C-6	121	4.80	
27			13426	H7921-1	Halogen Auto/Truck Special Service ⁽¹⁰⁹⁾	307	12.8	50W	23,900	35	5	200 ⁽⁴⁾	Slip-on Terminals	C-6	115	4.53
28		47460	14892	H7935-1	Halogen Spotlamp	307	12.8	50W	175,000	6.5	3.5	100	Slip-on Terminals	C-6	115	4.53
29		18535	22879	H4666	Auto Headlamp, High/Low Beam, 2E1	HI LO	307 12.8	65W 55W	SAE Specifications		150 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs ⁽¹⁶⁶⁾	C-8 C-8	121	4.80	

4. At 14 volts.

166. Contact lugs are angled. See drawing page 43.

109. Special fixture required for highway use.

307. See page 50.

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	
	Blisters Pack	Unit Pack	Bulk Pack							Horiz.	Vert.				mm	(in.)
RECTANGULAR 100mm x 165mm (4.2 in x 6.5 in) (continued)																
1			23250	H7913HIR	Farm Tractor, Flood Halogen Infrared	301	12.8	65W	4,000	70	20	800	2 Contact Lugs	C-8	121	4.80
2		45116	16195	4921-1	Auto/Truck, Special Service ⁽¹⁰⁹⁾	307	13.0	100W	25,000	40	7	300	Slip-on Terminals	C-6	115	4.53
RECTANGULAR 142mm x 200mm (5.6 in x 7.9 in)																
3		18521		6052	Auto Headlamp, Type 2B1	HI 307	12.8	65W	SAE Specifications			150 ⁽⁴⁾	3 Contact Lugs	C-6	138	5.44
						LO	12.8	55W				320 ⁽⁴⁾	C-6			
4		19429	19558	H5054	Truck Headlamp, High/Low Beam, Type 2B1, Long Life	HI 307	12.8	65W	SAE Specifications			400 ⁽⁴⁾	3 Contact Lugs	C-6	138	5.44
						LO	12.8	42W				2000 ⁽⁴⁾	C-6			
5		18534	11545	H6054	Auto Headlamp, High/Low Beam, Type 2B1	HI 307	12.8	65W	SAE Specifications			150 ⁽⁴⁾	3 Contact Lugs	C-6	138	5.44
						LO	12.8	35W				320 ⁽⁴⁾	C-6			
6		14752		H6054HO	Auto Headlamp, High/Low Beam, Type 2B1, Higher Output.	HI 307	12.8	65W	SAE Specifications			150 ⁽⁴⁾	3 Contact Lugs	C-8	138	5.44
						LO	12.8	55W				700 ⁽⁴⁾	C-8			
7		45477		H6054SB*	Auto Headlamp, High/Low Beam, Type 2B1, Coated for White Light	HI 307	12.8	65W	SAE Specifications			75 ⁽⁴⁾	3 Contact Lugs	C-8	138	5.44
						LO	12.8	55W				200 ⁽⁴⁾	C-8			
PAR36 BULB 114mm (4½ in) DIAMETER																
8		24780	24783	4546	Hand Lantern		4.7	.5A	6,300	3	3	100	Screw Terminals	C-2R	70	2.75
9		24770	24775	4546-1	Hand Lantern		4.7	.5A	6,300	3	3	100	Slip-on Terminals	C-2R	70	2.75
10		24788		4547	Hand Lantern		4.75	1.25A	20,000	3	3	100	Screw Terminals	C-2R	70	2.75
11		44924	44925	H7556	Halogen Emergency Bldg. Lighting	307	6.0	6W	400	30	20	50	Screw Terminals	C-6	70	2.75
12		11421	11422	7672-1	Emergency Bldg. Lighting		6.0	7.2W	350	30	20	50	Slip-on Terminals	C-6	70	2.75
13		41865	41866	7613	Emergency Bldg. Lighting		6.0	8W	400	30	20	50	Screw Terminals	C-6	70	2.75
14		45101	45102	7613-1	Emergency Bldg. Lighting		6.0	8W	400	30	20	50	Slip-on Terminals	C-6	70	2.75
15		43561	43562	H7550	Halogen Hand Lantern	307	6.0	8W	25,000	3	3	50	Screw Terminals	C-6	70	2.75
16			23541	H7550-1	Halogen Hand Lantern	307	6.0	8W	25,000	3	3	50	Slip-on Terminals	C-6	70	2.75
17		43564	43565	H7551	Halogen Emergency Bldg. Lighting	307	6.0	8W	550	30	20	50	Screw Terminals	C-6	70	2.75
18		43567		H7552	Halogen Emergency Bldg. Lighting	307	6.0	10W	650	30	20	50	Screw Terminals	C-6	70	2.75
19		43570	43571	H7553	Halogen Emergency Bldg. Lighting	307	6.0	12W	850	30	20	50	Screw Terminals	C-6	70	2.75
20			43574	H7554	Halogen Emergency Bldg. Lighting	307	6.0	20W	1,400	30	20	50	Screw Terminals	C-6	70	2.75
21		24663	24661	4511	Tractor		6.2	30W	2,300	Trapezoidal		300 ⁽²³⁾	Screw Terminals	C-6	70	2.75
22		24678		4516	Spotlamp		6.2	30W	45,000	9	4	300	Screw Terminals	C-6	70	2.75
23		39585	39586	4042	Emergency Bldg. Lighting		6.4	12W	1,100	45	20	150	Screw Terminals	C-6	70	2.75
24		24339		4014	Emergency Bldg. Lighting		6.4	18W	1,500	50	25	200	Screw Terminals	C-6	70	2.75
25		24654	24653	4510	Tractor Flood, Emergency Bldg. Lighting		6.4	25W	800	80	20	300	Screw Terminals	C-6	70	2.75
26		24673	24671	4515	Spotlamp		6.4	30W	55,000	5	5	100	Screw Terminals	C-6	70	2.75
27		15133		H4515	Spotlamp, Shielded Bulb	307	6.4	30W	67,000	5.5	4	100	Screw Terminals	C-6	70	2.75
28		44642	44643	H7555	Halogen Emergency Bldg. Lighting	307	12.0	8W	550	30	20	50	Screw Terminals	C-6	70	2.75
29		40588	40589	4044	Emergency Bldg. Lighting		12.0	12W	1,100	50	25	150	Screw Terminals	C-6	70	2.75
30		10540	10541	4044-1	Emergency Bldg. Lighting		12.0	12W	1,100	50	25	150	Slip-on Terminals	C-6	70	2.75
31		12720	12721	H7557	Emergency Bldg. Lighting Halogen – Cycle	307	12.0	12W	850	30	20	50	Screw Terminals	C-6	70	2.75

4. At 14 volts.

23. At 7 volts.

109. Special fixture required for highway use.

301. See page 50.

307. See page 50.

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.

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		25051		4313	Aircraft Landing	302	13.0	250W	140,000	16	7	25	Screw Terminals	C-6	70	2.75
2		34537		Q4631	Halogen Quartzline®, Aircraft Landing, Wing Inspection	301	13.0	250W	80,000	13	12	500	Screw Terminals	C-6	70	2.75
3		39112		Q4632	Halogen Quartzline® Aircraft Logo	301	13.0	250W	75,000	14	12	500	Screw Terminals	C-6	70	2.75
4		12961		4402A	CIM Signal		28.0	50W	1,000	50	25	400	Screw Terminals	C-6	70	2.75
5		24627		4502	Auto Headlamp, Military		28.0	50W	10,000	40	7	400	Screw Terminals	C-6	70	2.75
6		24640	24638	4505	Aircraft Navigation		28.0	50W	45,000	11	5	400	Screw Terminals	CC-6	70	2.75
7		24873	24871	4589	Aircraft Cockpit Flood, C.I.M. Flood		28.0	50W	5,000	Trapezoidal		400	Screw Terminals	CC-6	70	2.75
8			23509	4589-1	Aircraft Cockpit Flood, C.I.M. Flood		28.0	50W	5,000	Trapezoidal		400	Slip-on Terminals	CC-6	70	2.75
9		24887		4593	Aircraft In-Air Refueling		28.0	50W	1,500	80	30	400	Screw Terminals	CC-6	70	2.75
10		24981	24982	4825R	C.I.M. Stop/Tail Red Lens		28.0	50W	200	-	-	200	3 Screw Terminals	C-2V	70	2.75
							28.0	18W	40	-	-	200		C-2V		
11		44724		4752	C.I.M. Flood		28.0	60W	2,000	50	25	800	Screw Terminals	2C-6	70	2.75
12		24882		4591	Aircraft Landing		28.0	100W	90,000	12	6	25	Screw Terminals	CC-6	70	2.75
13		24891		4594	Aircraft Navigation		28.0	100W	70,000	13	7	300	Screw Terminals	CC-6	70	2.75
14		24892		4595	Aircraft Navigation		28.0	100W	60,000	14	6	300	Screw Terminals	C-6	70	2.75
15		24966		4627	Aircraft Flood		28.0	100W	3,000	80	30	300	Screw Terminals	CC-6	70	2.75
16		24980		4811	Auto Headlamp, Military		28.0	110W	Military/SAE Specifications			400	3 Contact Lugs	CC-6	76	3.00
							28.0	55W				400		CC-6		
17		24964		4626	Aircraft Taxiing		28.0	150W	25,000	40	9	300	Screw Terminals	CC-6	70	2.75
18		45427		4713	Aircraft Logo		28.0	150W	4,200	50	65	300	Screw Terminals	2C-6	70	2.75
19		24867		4587	Aircraft Taxiing	302	28.0	250W	40,000	40	13	25	Screw Terminals	CC-8	70	2.75
20		24898		4596	Aircraft Landing	302	28.0	250W	150,000	11	12	25	Screw Terminals	CC-8	70	2.75
21		39362	39363	4350	Electric Truck Work Light ⁽¹⁵⁾		36.0	60W	2,100	Trapezoidal		400	Slip-on Terminals	C-2V	70	2.75
22		39366	39367	4340	Electric Truck Work Light ⁽¹⁵⁾		48.0	80W	2,500	Trapezoidal		400	Slip-on Terminals	C-2V	70	2.75
PAR46 BULB 146mm (5¾ in) DIAMETER																
23		24369		4019	Tractor		6.2	30W	1,200	Trapezoidal		300 ⁽²³⁾	Screw Terminals	C-6	95	3.75
24		24327		4013	Tractor, Flood		6.4	25W	800	80	20	300	Screw Terminals	C-6	95	3.75
25		24735	24733	4535	Spotlamp		6.4	30W	95,000	5½	4	100	Screw Terminals	C-6	95	3.75
26		24726		4531	Auto Headlamp, Military		12.5	40W	30,000	20	5	400	Screw Terminals	C-6	95	3.75
27		24577	24576	4435	Spotlamp		12.8	30W	75,000	5	5	100	Screw Terminals	C-6	95	3.75
28		24454	24453	4412	Fog		12.8	35W	11,000	40	7	300	Screw Terminals	C-6	95	3.75
29		24460	24459	4412A	Fog, Yellow		12.8	35W	8,800	40	7	300	Screw Terminals	C-6	95	3.75
30		22981	24464	4413	Tractor, Flood		12.8	35W	1,100	80	20	300 ⁽⁴⁾	Screw Terminals	C-6	95	3.75
31		24531	24525	4419	Tractor		12.8	35W	1,600	Trapezoidal		300 ⁽⁴⁾	Screw Terminals	C-6	95	3.75
32		24582		4436	Signal		12.8	35W	60,000	10	4	300	Screw Terminals	C-6	95	3.75
33		18523		H5006	Auto Headlamp, Low Beam Type 2C1	HI LO	12.8	35W	SAE Specifications			200 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs	C-6	102	4.00
34		18511		4000	Auto Headlamp, Low Beam Type 2C1	HI LO	12.8	37.5W	SAE Specifications			200 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs	C-6	102	4.00
35		18516	24231	4001	Auto Headlamp, High Beam Type 1C1		12.8	37.5W	SAE Specifications			300 ⁽⁴⁾	2 Contact Lugs	C-6	102	4.00
36		38418		4040	Truck Headlamp, Low Beam Heavy Duty, Type 2C1	HI LO	12.8	37.5W	SAE Specifications			300 ⁽⁴⁾ 500 ⁽⁴⁾	3 Contact Lugs	C-6	102	4.00
37		49695		H7612	Halogen Fog	307	12.8	37.5W	15,000	40	7	450	Screw Terminals	C-6	95	3.75
38		24572		4434A	School Bus Signal, Amber Lens		12.8	40W	1,000	55	25	100	Screw Terminals	C-6	95	3.75

4. At 14 volts.

301. See page 50.

15. This lamp is specially designed for a particular purchaser and may not be suitable for other uses because of its limited mechanical strength.

302. See page 50.

307. See page 50.

23. At 7 volts.

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.)
PAR46 BULB 146mm (5³/₄ in) DIAMETER (continued)																
1		11639		5001*	Auto Headlamp, High Beam Type 1C1		12.8	50W	SAE Specifications		300 ⁽⁴⁾	2 Contact Lugs	C-6	102	4.00	
2		18522		H5001	Auto Headlamp High Beam, Type 1C1	307	12.8	50W	SAE Specifications		200 ⁽⁴⁾	2 Contact Lugs	C-6	102	4.00	
3	14617	43583		H7609	Halogen Tractor Flood	307	12.8	50W	2,200	80	20	400 ⁽⁴⁾	Screw Terminals	C-6	95	3.75
4	14619	43589		H7619	Halogen Tractor	307	12.8	50W	6,000	Trapezoidal		400 ⁽⁴⁾	Screw Terminals	C-6	95	3.75
5		45058		H7621-1	Halogen Auto/Truck Special Service ⁽¹⁰⁹⁾	307	12.8	50W	20,000	50	7	200 ⁽⁴⁾	Slip-on Terminals	C-6	95	3.75
6	43591	43592		H7635	Halogen Spotlamp	307	12.8	50W	160,000	6½	4	100	Screw Terminals	C-6	95	3.75
7		18022		H7635X	Halogen Spotlamp	307	12.8	50W	160,000	6½	4	100	Screw Terminals	C-6	95	3.75
8	24613			4478	C.I.M. Flood		13.0	60W	1,600	56	32	800 ⁽⁴⁾	2 Contact Lugs	2C-6	102	4.00
9	17894	17890		H7680HIR	Halogen Infrared Spotlamp	301	13.0	80W	275,000	6½	6½	100	Screw Terminals	C-8	95	3.75
10	26694	26695		H7680X HIR*	Halogen Infrared-Spotlamp Long Life	301	13.0	80W	230,000	6½	6½	300	Screw Terminals	C-8	95	3.75
11	24539	24541		4421	Auto/Truck, Special Service ⁽¹⁰⁹⁾		13.0	100W	23,000	50	7	300	Slip-on Terminals	C-6	95	3.75
12	24742			4537	Aircraft Landing		13.0	100W	200,000	11	6	25	Screw Terminals	C-6	80	3.13
13	40822	40823		4537-2	Spotlamp		13.0	100W	200,000	11	6	25	Screw Terminals	C-6	80	3.13
14	39022			4537X	Marine Spotlamp		13.0	100W	200,000	11	6	25	Screw Terminals	C-6	80	3.13
15	24700			4522	Aircraft Landing		13.0	250W	290,000	12	10	25 ⁽¹³⁸⁾	Screw Terminals	C-2 ⁽⁹²⁾	80	3.13
16	19632	16407		4636-3	Signal		14.0	80W	90,000	9	7½	200	Combination	2C-6	95	3.75
17	33284			4635	Aircraft Landing	302	16.5	450W	325,000	14	15	25	Screw Terminals	C-8	95	3.75
18	24721			4530	Signal, Flashing		26.0	5.3A	100,000	11	11	50	Screw Terminals	4CC-8	95	3.75
19	25005	25007		4578	C.I.M. Flood		28.0	60W	1,600	55	30	800	2 Contact Lugs	2C-6	102	4.00
20	24995			4880	C.I.M. Headlamp		28.0	60W	6,000	-	-	800	2 Contact Lugs	2C-6	102	4.00
21	25009	25011		4579	C.I.M. Headlamp		28.0	80W	24,000	25	25	400	3 Contact Lugs	CC-6	102	4.00
							28.0	60W	11,000	7	7	400		CC-6		
22	24828			4570	Aircraft Taxiing		28.0	150W	32,000	50	9	300	Screw Terminals	CC-6	95	3.75
23	24830			4571	Flood, Special Service		28.0	150W	7,000	80	25	300	Screw Terminals	CC-6	95	3.75
24	24833			4572	Auto Flood, Military		28.0	150W	4,500	55	55	300	Screw Terminals	CC-6	95	3.75
25	19628			4532	Aircraft		28.0	250W	75,000	12	19	100	Screw Terminals	CC8	95	3.75
							28.0	150W	14,500	16	19	100		C2V		
26	24795			4551	Aircraft Taxiing		28.0	250W	75,000	50	10	25 ⁽¹³⁸⁾	Screw Terminals	CC-6	95	3.75
27	24799			4553	Aircraft Landing		28.0	250W	300,000	11	12	25 ⁽¹³⁸⁾	Screw Terminals	CC-8	80	3.13
28	41452			05551*	Halogen Quartzline®, Aircraft Taxiing	301	28.0	250W	60,000	48	12	100	Screw Terminals	CC-6	84	3.32
29	24802			4554	Aircraft Taxiing	302	28.0	450W	90,000	50	16	25	Screw Terminals	CC-8	80	3.13
30	24859			4580	Aircraft Landing	302	28.0	450W	400,000	13	14	10	Screw Terminals	CC-8	95	3.75
31	24862			4581	Aircraft Landing	302	28.0	450W	400,000	13	14	10	Screw Terminals	CC-8	80	3.13
32	24853			4582	Aircraft/Helicopter Flood	302	28.0	450W	20,000	50	55	10	Screw Terminals	CC-8	95	3.75
33	37706			04554	Halogen Quartzline®, Aircraft Taxiing	301	28.0	450W	65,000	50	11	100	Screw Terminals	CC-6	67	2.63
34	41097			04566	Halogen Quartzline®, Aircraft Logo Light	301	28.0	450W	150,000	16	12	1,000	Screw Terminals	CC-6	84	3.32
35	37372			04597	Halogen Quartzline®, Aircraft Flood	301	28.0	450W	16,000	60	35	1,000	Screw Terminals	CC-6	84	3.32
36	36271			04681	Halogen Quartzline®, Aircraft Landing	301	28.0	450W	310,000	15	9	50	Screw Terminals	CC-6	67	2.63

4. At 14 volts.

92. Filament segments parallel.

109. Special fixture required for highway use.

138. Life Test Conditions: Cycled 5 minutes on, 5 off.

301. See page 50.

302. See page 50.

307. See page 50.

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.)
PAR56 BULB 178mm (7 in) DIAMETER																
1		25114		6006	Auto Headlamp	HI LO	6.1 6.2	50W 40W	SAE Specifications		300 500	3 Contact Lugs	C-6 C-6	127	5.00	
2		24768		4545	Marine Searchlight		12.0	100W	225,000	9	5	100	Screw Terminals	C-6	114	4.50
3		24764		4543	Marine Spotlight		12.5	100W	250,000	9	5	50	Screw Terminals	C-6	114	4.50
4		38416	38607	6015	Auto/Truck Headlamp, Heavy Duty, Type 2D1	HI LO	12.8 12.8	50W 50W	SAE Specifications		300 ⁽⁴⁾ 500 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	127	5.00	
5		18519		6014	Auto Headlamp, Type 2D1	HI LO	12.8 12.8	60W 50W	SAE Specifications		320 ⁽⁴⁾ 150 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	127	5.00	
6		19428	19559	H5024	Truck Headlamp, High/Low Beam, Type 2D1, Long Life	HI LO	12.8 12.8	65W 42W	SAE Specifications		400 ⁽⁴⁾ 2000 ⁽⁴⁾	3 Contact Lugs	C-6 C-6	127	5.00	
7		18525		H6024	Auto Headlamp, High/Low Beam, Type 2D1	HI LO	12.8 12.8	65W 35W	SAE Specifications		150 ⁽⁴⁾ 320 ⁽⁴⁾	3 Contact Lugs	C-6	127	5.00	
8		25153		6045	Signal		26.0	170W	230,000	9	8	100	Screw Terminals	CC-6	114	4.50
9		24973		4800	Auto Headlamp, Military		28.0	50W	Military/SAE Specifications		400	3 Contact Lugs	CC-6	127	5.00	
10		24756		4541	Aircraft Landing		28.0	40W 450W	400 470,000			400 25	CC-6 Screw Terminals	CC-6 C-13	114	4.50
PAR64 BULB 203MM (8 in) DIAMETER																
11		40576		4552	Aircraft Landing		28.0	250W	500,000	7	8	25 ⁽¹³⁸⁾	Screw Terminals	CC-8	95	3.75
12		40578		4559	Aircraft Landing		28.0	600W	600,000	11	12	25 ⁽¹³⁸⁾	Screw Terminals	CC-8	95	3.75
13		40579		Q4559	Halogen Quartzline®, Aircraft Landing	301	28.0	600W	600,000	12	8	100 ⁽¹³⁸⁾	Screw Terminals	CC-6	95	3.75
14		42552		Q4559X	Halogen Quartzline®, Aircraft Landing	301	28.0	600W	765,000	11	7½	100 ⁽¹³⁸⁾	Screw Terminals	CC-6	95	3.75
15		40577		Q4629	Halogen Quartzline®, Aircraft Logo Light	301	28.0	600W	20,000	55	35	1000	Screw Terminals	CC-6	122	4.81
16		16784		Q5559*	Halogen Quartzline®, Aircraft Landing	301	28.0	600W	650,000	11	7½	200 ⁽¹³⁸⁾	Screw Terminals	CC-6	95	3.75
17		40581		4557	Aircraft Landing/Taxiing	302	28.0	1,000W 400W	540,000 100,000	11 25	15 11	25 100 ⁽¹³⁸⁾	3 Screw Terminals	CC-8 CC-6	95	3.75
18		16152		5557	Aircraft Landing/Taxiing	302	28.0	1,000W 400W	540,000 100,000	11 25	15 11	50 100 ⁽¹³⁸⁾	3 Screw Terminals	CC-8 C-6	95	3.75
19		40583		4555	Aircraft Landing	302	115.0	1,000W	600,000	20	11	25 ⁽¹³⁸⁾	Screw Terminals	C-13	95	3.75

4. At 14 volts.

138. Life Test Conditions: Cycled 5 minutes on, 5 off.

139. Life Test Conditions: Cycled 20 minutes on, 20 off.

301. See page 50.

302. See page 50.

307. See page 50.

SAFETY NOTES

301

▲ WARNING

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

A damaged lamp emits UV radiation which may cause eye/skin injury

- Turn power off if glass bulb is broken. Remove and dispose of lamp.

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use in enclosed fixture rated for this product
- Do not use lamp if outer glass is scratched or broken

▲ CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

Lamp may shatter and cause injury if broken

- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container

302

▲ WARNING

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

Unexpected lamp rupture may cause injury, fire, or property damage

- Avoid contact with glass during operation
- Avoid direct water/liquid contact
- Use in enclosed fixture rated for this product

303

▲ WARNING

Lamp may shatter if used in wrong circuit

- Do not use in 110-120 Volt household circuit

304

▲ WARNING

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

Lamp emits UV radiation which may cause eye/skin injury

- Avoid exposure of eyes and skin to unshielded lamp

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use eye protection when handling lamp
- Do not exceed rated voltage
- Do not touch glass with bare hands
- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container
- Do not turn on lamp until fully installed
- Keep away from children
- Use protective screen when handling

▲ CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

FOR BEST PERFORMANCE

- Limit seal temperature to 350°C
- Maintain 250°C minimum bulb wall temperature
- Remove fingerprints from bulb with grease-free solvent
- Operate at design voltage

305

▲ CAUTION

Lamp may shatter and cause injury if broken

- Do not use excessive force when installing lamp

306

▲ WARNING

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use eye protection when handling lamp
- Do not exceed rated voltage
- Avoid direct water/liquid contact
- Use in enclosed fixture rated for this product
- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container
- Do not turn on lamp until fully installed
- Keep away from children
- Use protective screen when handling

▲ CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

307

▲ WARNING

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container

308

▲ WARNING

Risk of fire

- Keep combustible materials away from lamp
- Use in fixture rated for this product

Pressurized lamp—unexpected rupture may cause injury, fire, or property damage

- Use eye protection when handling lamp
- Do not exceed rated voltage
- Do not touch glass with bare hands
- Do not use lamp if outer glass is scratched or broken
- Dispose of lamp in a closed container
- Do not turn on lamp until fully installed
- Keep away from children
- Use protective screen when handling

▲ CAUTION

Risk of burn

- Allow lamp/fixture to cool before handling

FOR BEST PERFORMANCE

- Limit seal temperature to 350°C
- Maintain 250°C minimum bulb wall temperature
- Remove fingerprints from bulb with grease-free solvent
- Operate at design voltage

309

▲ WARNING

Risk of electric shock

- Turn power off before inspection, installation or removal

▲ CAUTION

Lamp may shatter and cause injury if broken

- Wear safety glasses and gloves when handling lamp
- Do not use excessive force when installing lamp