

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>55 MM x 135 MM RECTANGULAR BULB (2.2" x 5.3")</b>										
H4351	Halogen Auto Low Beam	12.8	55W	22,000	35	7	500	H4351	1	
H4352	Halogen Auto High Beam	12.8	65W	45,000	26	5	150	H4352	2	
H4360	Halogen Tractor	12.8	37.5W	2,000	Trapezoidal		320	H4360	3	
<b>92 MM x 150 MM RECTANGULAR BULB (3.6" x 5.9")</b>										
H4701	Halogen Auto High Beam	12.8	65W	70,000	SAE	SAE	150	H4701	4	
H4703	Halogen Auto Low Beam	12.8	55W	35,000	SAE	SAE	320	H4703	5	
H9405	Halogen Spotlamp	12.8	50W	100,000	7	4	100	H9405	6	
H9406	Halogen Tractor, Flood	12.8	50W	1,350	70	30	400	H9406	7	
H9411	Halogen Tractor	12.8	50W	5,400	Trapezoidal		400	H9411	8	
H9414	Halogen Emergency Lighting / Tractor, Medium Flood	12.8	50W	2,700	45	20	400	H9414	9	
H9415	Halogen Auto, Fog	12.8	37.5W	12,000	45	5	200	H9415	10	
H9415A	Halogen Auto, Fog, Amber	12.8	37.5W	-----	45	5	200	H9415A	11	
H9420	Halogen Auto, Driving	12.8	50W	47,000	15	5	200	H9420	12	
H9421	Halogen Auto/Truck Spec Svc	12.8	50W	14,000	45	8	200	H9421	13	
<b>100 MM x 165 MM RECTANGULAR BULB (4.2" x 6.5")</b>										
4651	Auto High Beam	12.8	50W	32,000	26	5	200	4651	14	
4651R	Headlamp Automotive, Red	12.8	50W	3,000	26	5	200	4651R	15	
H4651	Halogen Auto High Beam	12.8	50W	55,000	26	5	200	H4651	16	
H4651A	Amber Halogen Auto High Beam	12.8	50W	-----	26	5	200	H4651A	17	
H4651B	Blue Halogen Auto High Beam	12.8	50W	SAE Specifications			200	H4651B	18	
H4651G	Green Halogen Auto High Beam	12.8	50W	SAE Specifications			200	H4651G	19	
H4651LL	Halogen Long Life High Beam	12.8	50W	55,000	26	5	500	H4651LL	20	
H4651R	Red Halogen Auto High Beam	12.8	50W	-----	26	5	400	H4651R	21	
HP4651	Halogen Plastic Auto High	12.8	50W	50,000	26	5	200	HP4651	22	
4652	Auto Low Beam Headlamp	High Low	12.8	40W	12,500	34	7	200	4652	23
			12.8	60W	22,500	34	7	320		
H4656	Halogen Auto Low Beam Headlamp	High Low	12.8	35W	15,000	35	7	200	H4656	24
			12.8	35W	25,000	35	7	320		
H4656BL	Brite Lite Halogen Auto Low Beam Headlamp	High Low	12.8	40W	15,000	60	7	150	H4656BL	25
			12.8	55W	26,000	60	7	450		
H4656LL	Long Life Halogen Auto Low Beam Headlamp	High Low	12.8	40W	15,000	35	7	500	H4656LL	26
			12.8	50W	25,000	35	7	2,000		
HP4656	Halogen Plastic Auto Low Beam Headlamp	High Low	12.8	35W	15,000	35	7	200	HP4656	27
			12.8	35W	25,000	35	7	320		
4912-1	Auto/Truck, Fog	12.8	50W	14,000	40	7	300	4912-1	28	
4913-1	Farm Tractor, Flood	12.8	50W	1,350	80	20	400	4913-1	29	
4919-1	Farm Tractor	12.8	50W	3,750	Trapezoidal		400	4919-1	30	
4921-1	Auto/Truck, Special Service	13.0	100W	25,000	40	7	300	4921-1	31	
H5051	Halogen Truck Headlamp High Beam	12.8	50W	SAE Specifications			500	H5051	32	
H5062	Halogen Truck Headlamp Low Beam	High Low	12.8	40W	SAE Specifications			400	H5062	33
			12.8	55W	SAE Specifications			2000		
H6545BL	Halogen Auto Headlamp Type 2E1, Xenon	High Low	12.8	65W	28,000	60	7	150	H6545BL	34
			12.8	55W	24,000	60	7	450		
H6545	Halogen Auto Headlamp	High Low	12.8	65W	35,000	35	7	150	H6545	35
			12.8	45W	25,000	35	7	450		
HP6545	Plastic Halogen Auto Headlamp	High Low	12.8	65W	35,000	35	7	150	HP6545	36
			12.8	45W	25,000	35	7	450		
H7913HIR	Farm Tractor, Flood, Infrared	12.8	65W	4000	70	20	800	H7913IR	37	
H7921-1	Halogen Auto/Truck, Spl. Service	12.8	50W	23,900	35	5	200	H7921-1	38	
H7935-1	Halogen Spotlamp	12.8	50W	175,000	6.5	3.5	100	H7935-1	39	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>142 MM x 200 MM RECTANGULAR BULB (5.6" x 7.9")</b>										
H5054	Halogen Truck Headlamp	High	12.8	65W	SAE Specifications			400	H5054	40
		Low	12.8	42W				2000		
6052	Auto Headlamp	High	12.8	65W	32,000	34	7	150	6052	41
		Low	12.8	55W	25,000	34	7	320		
6053	Truck Headlamp	High	12.8	65W	32,000	34	7	150	6053	42
		Low	12.8	55W	25,000	34	7	640		
H6054	Halogen Auto Headlamp	High	12.8	65W	40,000	35	7	150	H6054	43
		Low	12.8	35W	35,000	35	7	320		
H6054BL	Brite Lite Halogen Auto Headlamp	High	12.8	65W	28,000	80	7	150	H6054BL	44
		Low	12.8	55W	27,000	80	7	450		
H6054LL	Halogen Auto Headlamp Long Life	High	12.8	65W	45,000	35	7	900	H6054LL	45
		Low	12.8	35W	32,000	35	7	1500		
H6054BLK	Halogen Auto Headlamp Black	High	12.8	65W	40,000	35	7	150	H6054BLK	46
		Low	12.8	35W	35,000	35	7	320		
HP6054	Halogen Plastic Auto Headlamp	High	12.8	65W	40,000	34	7	150	HP6054	47
		Low	12.8	35W	35,000	34	7	320		
<b>PAR 16 MINI SEALED BEAM (2 " DIAMETER) S.C. BAYONET BASE</b>										
3600	General Service	12.8	22W	2000	---	---	600	3600	48	
3606	General Service	12.8	22W	125	---	---	600	3606	49	
3606E	General Service	12.8	22W	125	---	---	600	3606E	50	
3607	General Service	24.0	20W	150	---	---	500	3607	51	
3617	General Service	12.8	33W	3,500	---	---	200	3617	52	
<b>PAR 36 BULB, 114 MM (4 ½ " DIAMETER)</b>										
4014	Emergency Building Lighting	6.4	18W	1,500	50	25	200	4014	53	
4014A	Automotive, Amber	6.4	18W	450	50	25	200	4014A	54	
4015	Fog	6.2	35W	8,500	40	5	80	4015	55	
4015A	Fog, Amber	6.2	35W	7,000	40	5	80	4015A	56	
4042	Emergency Building Lighting	6.4	12W	1,100	45	20	150	4042	57	
4044	Emergency Building Lighting	12.0	12W	1,100	50	25	150	4044	58	
4044-1	Emergency Building Lighting	12.0	12W	1,100	50	25	150	4044-1	59	
4308	Headlamp Horse-Drawn Vehicle	High	6.4	25W	24,000	---	---	300	4308	60
		Low	6.4	12W	3,000	---	---	150		
4313	Aircraft Landing	13.0	250W	140,000	16	7	25	4313	61	
4340	Electric Truck Work Light	48.0	80W	2,500	Trapezoidal		400	4340	62	
4350	Electric Truck Work Light	36.0	60W	2,100	Trapezoidal		400	4350	63	
4402A	C.I.M. Signal, Amber	28.0	50W	1,000	50	25	400	4402A	64	
4405	Spotlight	12.8	30W	50,000	6	5	100	4405	65	
H4405	Halogen Spotlamp, Shielded Bulb	12.8	30W	66,000	7	4	100	H4405	66	
4406	Tractor, Flood	12.8	35W	600	80	30	300	4406	67	
4406-1	Tractor	12.8	35W	600	80	30	300	4406-1	68	
4409	Tractor, Flood	12.8	35W	600	80	30	300	4409	69	
4409X	Tractor, Special - Red	12.8	35W	600	80	30	300	4409X	70	
4410	Back-Up Lamp, Tractor Flood	12.8	35W	600	80	30	300	4410	71	
4411	Tractor	12.8	35W	3,000	Trapezoidal		300	4411	72	
4411A	Tractor, Amber	12.8	35W	-----	Trapezoidal		300	4411A	73	
4411B	Tractor, Blue	12.8	35W	-----	Trapezoidal		300	4411B	74	
4411G	Tractor, Green	12.8	35W	-----	Trapezoidal		300	4411G	75	
4411R	Tractor, Red	12.8	35W	2500	Trapezoidal		300	4411R	76	
4411-1	Tractor	12.8	35W	3,000	20	35	300	4411-1	77	
4414	Signal, Security, Emergency	12.8	18W	1,500	50	25	300	4414	78	
4414A	Amber Warning Signal	12.8	18W	450	50	25	300	4414A	79	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 36 BULB, 114 MM (4 1/2 " DIAMETER) - Continued</b>										
4414AX	Auto Signal Light, Amber	12.8	18W	750	50	25	300	4414AX	80	
4414B	Auto, Blue	12.8	18W	750	50	25	300	4414B	81	
4414G	Auto, Green	12.8	18W	-----	50	25	---	4414G	82	
4414R	Warning Signal, Red	12.8	18W	275	50	25	300	4414R	83	
4414-1	Auto, Signal	12.8	18W	1,500	50	25	300	4414-1	84	
4415	Fog	12.8	35W	9,000	40	5	300	4415	85	
4415A	Auto Fog, Amber	12.8	35W	7,000	40	5	300	4415A	86	
4415-1	Fog	12.8	35W	9,000	40	5	200	4415-1	87	
4416	Spotlamp, Signal	12.8	30W	35,000	11	4	300	4416	88	
4416A	Signal, Amber	12.8	30W	26,000	11	4	300	4416A	89	
4416B	Signal, Automotive, Blue	12.8	30W	3,000	11	4	300	4416B	90	
4416G	Signal, Automotive, Green	12.8	30W	-----	11	4	300	4416G	91	
4416R	Signal, Automotive, Red	12.8	30W	4,000	11	4	300	4416R	92	
4416RG	Auto, Red Glass	12.8	30W	4,000	11	4	300	4416RG	93	
4416-1	Spotlamp, Signal	12.8	30W	35,000	11	4	300	4416-1	94	
4422	Tractor, 75 Degree Cone Flood	12.8	35W	600	75° Cone		300	4422	95	
4424	Tractor, Flood	12.8	35W	325	110	110	300	4424	96	
4425R	C.I.M. Stop and Tail, Red	Stop Tail	12.8	50W	500	50	25	200	4425R	97
			12.8	18W	100	50	25	200		
4428	Tractor, Tail	12.8	35W	1,000	80	20	300	4428	98	
4440	Tractor	High Low	12.8	40W	6,000	40	7	320	4440	99
			12.8	40W	4,500	33	9	320		
4440X	Tractor	High Low	12.8	40W	6,000	40	7	320	4440X	100
			12.8	40W	4,500	33	9	320		
4440X-1	Tractor	High Low	12.8	40W	6,000	40	7	320	4440X-1	101
			12.8	40W	4,500	33	9	320		
4444	Snowmobile	12.8	18W	4,500	40	5	100	4444	102	
4445	Snowmobile Headlamp	High Low	12.8	35W	4,800	40	5	320	4445	103
			12.8	35W	2,900	40	5	320		
4446	Emergency Building Lighting	12.8	25W	400	80	80	300	4446	104	
4449	Passing Lamp	12.8	30W	15,000	11	4.5	300	4449	105	
4454	Snowmobile Headlamp	High Low	12.8	60W	10,000	40	8	200	4454	106
			12.8	60W	8,000	40	8	200		
4456	Motorcycle Headlamp	High Low	12.8	30W	10,000	25	4	100	4456	107
			12.8	30W	5,000	25	4	100		
4460	Tractor Headlamp, C.I.M.	High Low	12.8	40W	6,500	40	10	320	4460	108
			12.8	40W	5,000	40	10	320		
4460X	Tractor	High Low	12.8	40W	6,500	22	10	320	4460X	109
			12.8	40W	5,000	22	13	320		
H4460X	Tractor	High Low	12.8	40W	11,000	22	10	320	H4460X	110
			12.8	40W	8,500	22	13	320		
4461	Tractor	12.8	60W	6,000	Trapezoidal		300	4461	111	
4464	Signal, Rotating Beacon	12.8	60W	50,000	12	5	300	4464	112	
4464A	Signal Amber	12.8	60W	-----	12	5	300	4464A	113	
4464B	Signal Blue	12.8	60W	-----	12	5	300	4464B	114	
4464G	Signal Green	12.8	60W	-----	12	5	300	4464G	115	
4464R	Signal, Red	12.8	60W	7,500	11	5	300	4464R	116	
4464RG	Signal, Red Glass	12.8	60W	-----	12	5	300	4464RG	117	
4465	Snowmobile Headlamp	High Low	12.8	30W	6,000	38	6	---	4465	118
			12.8	30W	4,000	34	10	300		
4466	Tractor/C.I.M. Flood	12.8	60W	1,000	80	30	300	4466	119	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 36 BULB, 114 MM (4 1/2 " DIAMETER) - Continued</b>										
4468	Hand Lantern	5.3	.05A	7,000	3	3	100	4468	120	
4500	Signal	13.0	6.6A	-----	---	---	---	4500	121	
4502	Auto Headlamp, Military	28.0	50W	10,000	40	7	400	4502	122	
4503	Military Headlamp	14.0	40W	10,000	40	5	400	4503	123	
4505	Aircraft Navigation, Spotlight	28.0	50W	45,000	11	5	400	4505	124	
4505R	Aviation Passing, Red	28.0	50W	-----	11	5	400	4505R	125	
4506	Hand Lantern	4.7	0.5W	4,500	4	4	30	4506	126	
4509	Aircraft Landing, Spotlight	13.0	100W	110,000	12	6	25	4509	127	
4509S	Spotlamp Shield	13.0	100W	110,000	11	6	25	4509S	128	
4509X	Marine Spot Lamp	13.0	100W	110,000	12	6	25	4509X	129	
4509Y	Special Service	13.0	100W	-----	12	6	25	4509Y	130	
Q4509	Halogen Aircraft Landing	13.0	100W	140,000	---	---	100	Q4509	131	
4510	Tractor/Emergency Bldg Flood	6.4	25W	800	80	20	300	4510	132	
4511	Tractor	6.2	30W	2,300	Trapezoidal		300	4511	133	
4512	Bicycle Headlamp/Hand Lantern	4.7	0.5A	150	Trapezoidal		100	4512	134	
4515	Spotlamp	6.4	30W	55,000	5	5	100	4515	135	
H4515	Spotlamp, Shielded Bulb	6.4	30W	67,000	5.5	4	100	H4515	136	
4516	Spotlamp	6.2	30W	45,000	9	4	300	4516	137	
4519	Marine	13.0	100W	30,000	40	7	25	4519	138	
4546	Hand Lantern	4.7	0.5A	6,300	3	3	100	4546	139	
4546-1	Hand Lantern	4.7	0.5A	6,300	3	3	100	4546-1	140	
4547	Hand Lantern	4.8	1.25A	20,000	3	3	100	4547	141	
4547-4	Hand Lantern	4.75	1.25A	20,000	3	3	100	4547-4	142	
4568	Snowmobile	12.8	25W	6,800	40	5	100	4568	143	
4587	Aircraft Taxiing	28.0	250W	40,000	40	13	25	4587	144	
4589	Aircraft Cockpit, Flood, C.I.M.	28.0	50W	5,000	Trapezoidal		400	4589	145	
4489-1	Aircraft Cockpit, Flood, C.I.M.	28.0	50W	5,000	Trapezoidal		400	4489-1	146	
4591	Aircraft Landing	28.0	100W	90,000	12	6	25	4591	147	
4593	Aircraft In-Air Refuel, Flood, C.I.M.	28.0	50W	1,500	80	30	400	4593	148	
4594	Aircraft Navigation	28.0	100W	70,000	13	7	300	4594	149	
4595	Aircraft Navigation	13.0	100W	60,000	14	6	300	4595	150	
4596	Aircraft Landing	28.0	250W	150,000	11	12	25	4596	151	
4596Y	Signal - Amber	28.0	250W	-----	---	---	25	4596Y	152	
4601	Tractor, Tail	6.2	30W	2,000	Trapezoidal		300	4601	153	
4603	Tractor, Tail	12.8	35W	2,800	Trapezoidal		300	4603	154	
4603X	Tractor, Special Tail	12.8	35W	2,800	Trapezoidal		300	4603X	155	
4613	Aircraft	28.0	100W	70,000	13	7	300	4613	156	
4614	Aircraft Navigation	6.0	100W	85,000	11	6	300	4614	157	
4618	Hand lantern	4.8	1.0A	13,000	3	3	100	4618	158	
4626	Aircraft Taxiing	28.0	150W	25,000	40	9	300	4626	159	
4627	Aircraft Flood	28.0	100W	3,000	80	30	300	4627	160	
Q4631	Halogen Aircraft Landing	13.0	250W	80,000	13	12	500	Q4631	161	
Q4632	Halogen Aircraft Logo	13.0	250W	75,000	14	12	500	Q4632	162	
4667	Moped Headlamp	6.4	18W	-----	SAE	---	200	4667	163	
4675	Special Service	13.0	75W	15,000	40	5	300	4675	164	
4700	Spot/Flood	Spot Flood	13.0	100W	100,000	12	7	25	4700	165
			13.0	100W	50,000	17	18	25		
4713	Aircraft Logo - (GE-Bulk only)	28.0	150W	4,200	50	65	300	4713	166	
4750	C.I.M. Headlamp	28.0	60W	5,000	36	12	800	4750	167	
4752	C.I.M. Flood, Signal	28.0	60W	2,000	50	25	800	4752	168	
4767	Moped Headlamp	6.4	25W	-----	SAE	---	300	4767	169	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 36 BULB, 114 MM (4 ½ " DIAMETER) - Continued</b>										
4776	Moped Headlamp	12.8	25W	-----	SAE	---	300	4776	170	
4811	Auto Headlamp, Military	High	28.0	110W	12,000	40	5	400	4811	171
		Low	28.0	55W	7,000	40	5	400		
4825R	C.I.M. Stop and Tail, Red Lens	Stop	28.0	50W	200	50	25	200	4825R	172
		Tail	28.0	18W	40	50	25	200		
7128	Emergency Lighting	12.0	8W	800	24	18	50	7128	173	
7400	Rotating Beacon, Signal	12.8	35W	33,000	12	5	300	7400	174	
7400A	Rotating Beacon, Amber	12.8	35W	12,000	12	5	300	7400A	175	
7400B	Rotating Beacon, Blue	12.8	35W	12,000	12	5	300	7400B	176	
7400G	Rotating Beacon, Green	12.8	35W	12,000	12	5	300	7400G	177	
7400R	Rotating Beacon, Red	12.8	35W	4,900	12	5	300	7400R	178	
7414Y	Signal Light, Yellow	12.8	18W	1,000	50	25	300	7414Y	179	
Q7455	Warning Lamp, Quartz	12.8	55W	72,000	12	5	200	Q7455	180	
H7514	Halogen Garden and Security	12.8	9W	750	50	25	300	H7514	181	
H7550	Halogen Hand Lantern, Bulk	6.0	8W	25,000	3	3	50	H7550	182	
H7550-1	Halogen Hand Lantern	6.0	8W	25,000	3	3	50	H7550-1	183	
H7551	Halogen Emergency Building	6.0	8W	550	30	20	50	H7551	184	
H7552	Halogen Emergency Building	6.0	10W	650	30	20	50	H7552	185	
H7553	Halogen Emergency Building	6.0	12W	850	30	20	50	H7553	186	
H7554	Halogen Emergency Building	6.0	20W	1,400	30	20	50	H7554	187	
H7555	Halogen Emergency Building	12.0	8W	550	30	20	50	H7555	188	
H7556	Halogen Emergency Building	6.0	6W	400	30	20	50	H7556	189	
H7557	Halogen Emergency Building	12.0	12W	850	30	20	50	H7557	190	
H7600	Halogen Signal, Rotating	12.8	37.5W	60,000	9	4.5	300	H7600	191	
H7600A	Halogen Signal Amber	12.8	37.5W	-----	9	4.5	300	H7600A	192	
H7600B	Halogen Signal Blue	12.8	37.5W	-----	9	4.5	300	H7600B	193	
H7600G	Halogen Signal Green	12.8	37.5W	-----	9	4.5	300	H7600G	194	
H7600R	Halogen Signal Red	12.8	37.5W	-----	9	4.5	300	H7600R	195	
H7601-1	Halogen Signal	12.8	37.5W	43,000	50	25	300	H7601-1	196	
H7604	Halogen Spotlamp, Automotive	12.8	50W	100,000	7	5	100	H7604	197	
H7606	Halogen Tractor, Flood	12.8	50W	1,000	80	30	400	H7606	198	
H7607	Halogen Tractor, Flood	12.8	65W	1,500	Non-Symmetrical		600	H7607	199	
H7610	Halogen Tractor	12.8	50W	5,200	Trapezoidal		400	H7610	200	
7613	Emergency Building Lighting	6.0	8W	400	30	20	50	7613	201	
7613-1	Emergency Building Lighting	6.0	8W	400	30	20	50	7613-1	202	
H7614	Halogen Flood Light	12.8	50W	2,000	70	30	100	H7614	203	
H7616	Halogen Spotlamp	12.8	37.5W	70,000	7	4	300	H7616	204	
H7616-1	Halogen Spotlamp	12.8	37.5W	70,000	7	4	300	H7616-1	205	
7672	Emergency Building Lighting	6.0	7.2W	350	18	24	50	7672	206	
H7675-1	Halogen Special Service	12.8	50W	15,000	35	7	200	H7675-1	207	
<b>PAR 46 BULB 146 MM (5 ¾ " DIAMETER)</b>										
4000	Auto Headlamp Low Beam	High	12.8	37.5W	11,000	34	7	200	4000	208
		Low	12.8	60W	25,000	34	7	320		
4000A	Auto Headlamp, Amber	High	12.8	37.5W	3,500	34	7	200	4000A	209
		Low	12.8	60W	7,500	34	7	320		
4000B	Auto Headlamp, Blue	High	12.8	37.5W	-----	34	7	200	4000B	210
		Low	12.8	60W	-----	34	7	320		
4000R	Auto Headlamp, Red	High	12.8	37.5W	1,250	34	7	200	4000R	211
		Low	12.8	60W	2,700	34	7	300		
4001	Auto Headlamp	12.8	37.5W	29,000	26	5	300	4001	212	
4001A	Auto Headlamp, Amber	12.8	37.5W	21,000	26	5	200	4001A	213	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 46 BULB 146 MM (5 3/4 " DIAMETER) - Continued</b>										
4001B	Auto Headlamp, Blue	12.8	37.5W	2,600	26	5	200	4001B	214	
4001R	Auto Headlamp, Red	12.8	37.5W	2,000	26	5	200	4001R	215	
4005	Headlamp Low Beam	12.0	50W	19,000	34	7	320	4005	216	
4007	Spot/Flood Lamp	Spot	13.0	100W	50,000	5	6	25	4007	217
		Flood	13.0	100W	20,000	7	13	25		
4007S	Spot and Flood Lamp Shielded	Spot	13.0	100W	200,000	7	5	25	4007S	218
		Flood	13.0	100W	100,000	11	9	25		
4010	Automotive	6.2	30W	27,000	16	4	80	4010	219	
4012	Fog Lamp	6.2	35W	11,000	40	5	80	4012	220	
4012A	Fog, Amber	6.2	35W	8,800	40	5	80	4012A	221	
4013	Tractor, Flood	6.4	25W	800	80	20	300	4013	222	
4013R	Flood, Red	6.4	25W	-----	80	20	300	4013R	223	
4017	Carpenter/Teledyne Headlamp Terminals	High	5.5	11.5W	16,000	5	1.5	50	4017	224
		Low	5.5	3.8W	3,000	7	7	100		
4019	Farm, Tractor/C.I.M.	6.2	30W	1,200	Trapezoidal		300	4019	225	
4020	Cycle Headlamp	High	6.4	30W	25,000	25	7	300	4020	226
		Low	6.4	30W	15,000	25	7	300		
4031	Auto Headlamp, Military	High	6.4	45W	30,000	25	7	120	4031	227
		Low	6.4	35W	16,000	25	7	180		
4034A	Automotive, Amber	6.5	50W	1,200	55	25	45	4034A	228	
4037A	Sign Board, Amber	12.8	18W	12,000	26	5	300	4037A	229	
4040	Truck Headlamp, Heavy Duty	High	12.8	37.5W	11,000	34	7	300	4040	230
		Low	12.8	60W	25,000	34	7	500		
4049	Spot Lamp	13.0	150W	300,000	15	7	15	4049	231	
4049S	Spot Lamp with shield	13.0	150W	300,000	15	7	15	4049S	232	
4078	C.I.M. Flood	6.4	50W	1,500	55	30	500	4078	233	
4412	Fog	12.8	35W	11,000	40	7	300	4412	234	
4412A	Fog Lamp, Amber	12.8	35W	8,800	40	7	300	4412A	235	
4412A-1	Fog Lamp, Amber	12.8	35W	8,800	40	7	300	4412A-1	236	
4412B	Fog Lamp, Blue	12.8	35W	-----	40	7	300	4412B	237	
4412R	Fog Lamp, Red	12.8	35W	-----	40	7	300	4412R	238	
4413	Tractor, Flood	12.8	35W	1,100	80	20	300	4413	239	
4413R	Tractor, Flood, Red	12.8	35W	200	80	20	300	4413R	240	
4419	Tractor	12.8	35W	1,600	Trapezoidal		300	4419	241	
4420	Cycle Headlamp	High	12.8	30W	23,000	25	7	300	4420	242
		Low	12.8	30W	15,000	25	7	300		
4421	Auto/Truck Special Service	13.0	100W	23,000	50	7	300	4421	243	
4427	Tractor, Flood	12.8	35W	1,200	80	20	300	4427	244	
4431	Auto Headlamp Military	High	12.8	45W	30,000	25	7	320	4431	245
		Low	12.8	35W	16,000	25	7	320		
4434A	Signal, Amber, School Bus	12.8	40W	1,000	55	25	100	4434A	246	
4435	Spot Lamp	12.8	30W	75,000	5	5	100	4435	247	
4435A	Spot Lamp Amber	12.8	30W	-----	5	5	100	4435A	248	
4435B	Spot Lamp Blue	12.8	30W	35,000	5	5	100	4435B	249	
4435R	Spot Lamp Red	12.8	30W	6,000	5	5	100	4435R	250	
4436	Signal	12.8	35W	60,000	10	4	300	4436	251	
4436A	Signal Amber	12.8	35W	-----	10	4	300	4436A	252	
4436B	Signal Blue	12.8	35W	-----	10	4	300	4436B	253	
4436G	Signal Green	12.8	35W	-----	10	4	300	4436G	254	
4436R	Signal Red	12.8	35W	9,000	10	4	300	4436R	255	
4439X	Special Service	12.8	18W	900	60	20	300	4439X	256	

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 46 BULB 146 MM (5 3/4 " DIAMETER) - Continued</b>										
4459	Tractor	High	12.8	40W	1,400	60	40	320	4459	257
		Low	12.8	40W	1,300	60	40	320		
4467	Cycle Headlamp	High	12.8	50W	23,000	31	7	350	4467	258
		Low	12.8	35W	10,000	30	6	275		
H4467	Cycle Headlamp	High	12.8	50W	27,000	31	7	350	H4467	259
		Low	12.8	35W	12,500	30	6	320		
4478	C.I.M. Flood		13.0	60W	1,600	56	32	800	4478	260
4480	C.I.M. Headlamp		13.0	60W	6,000	40	7	800	4480	261
4482	Snowmobile Headlamp	High	12.0	60W	15,000	30	6	300	4482	262
		Low	12.0	30W	12,300	35	7.5	300		
4490A	Fog Amber		28.0	50W	9,000	40	5	400	4490A	263
4492	Snowmobile Headlamp	High	12.8	60W	21,000	---	---	300	4492	264
		Low	12.8	60W	19,000	---	---	300		
4522	Aircraft Landing		13.0	250W	290,000	12	10	25	4522	265
4524	Special Spot Light		6.0	28.5W	80,000	8	4	50	4524	266
4528	Signal Flashing		6.0	6.6A	-----	---	---	---	4528	267
4530	Signal Flashing		26.0	5.3A	100,000	11	11	50	4530	268
4531	Auto Headlamp Military		12.5	40W	30,000	20	5	400	4531	269
4532	Aircraft		28.0	250W	75,000	12	19	100	4532	270
			28.0	150W	14,500	16	19	100		
4535	Spot Lamp		6.4	30W	95,000	5.5	4	100	4535	271
4537	G.E. Aircraft Landing 120 <sup>8</sup> Cylindrical Shield		13.0	100W	200,000	11	6	25	4537	272
4537-2	Spot Lamp		13.0	100W	200,000	11	6	25	4537-2	273
4537-4	Aircraft Landing, W/O Shield		13.0	100W	200,000	11	6	11	4537-4	274
4537S	Auto Spot, Filament Shielded		13.0	100W	200,000	11	6	25	4537S	275
4537X	Marine Spot Lamp, Hemispherical Shield		13.0	100W	200,000	11	6	25	4537X	276
4551	Aircraft Taxiing		28.0	250W	75,000	50	10	25	4551	277
4553	Aircraft Taxiing		28.0	250W	300,000	11	12	25	4553	278
4554	Aircraft Taxiing		28.0	450W	90,000	50	16	25	4554	279
Q4554	Halogen Quartz Aircraft Taxiing		28.0	450W	65,000	50	11	100	Q4554	280
4564	Spot Lamp		28.0	250W	300,000	11	12	25	4564	281
Q4566	Halogen Quartz Aircraft Flood		28.0	450W	150,000	16	12	1,000	Q4566	282
4570	Aircraft Taxiing		28.0	150W	32,000	50	9	300	4570	283
4571	Flood, Special Service		28.0	150W	7,000	80	25	300	4571	284
4571-1	Flood, Special Service		28.0	150W	7,000	80	25	300	4571-1	285
4572	Auto Flood, Military		28.0	150W	4,500	55	55	300	4572	286
4578	C.I.M. Flood		28.0	60W	1,600	55	30	800	4578	287
H4578	Halogen C.I.M. Flood		28.0	60W	1,800	50	20	800	H4578	288
4579	C.I.M. Headlamp	High	28.0	80W	24,000	25	25	400	4579	289
		Low	28.0	60W	11,000	7	7	400		
4580	Aircraft Landing		28.0	450W	400,000	13	14	10	4580	290
4581	Aircraft Landing		28.0	450W	400,000	13	14	10	4581	291
4582	Aircraft/Helicopter Flood		28.0	450W	400,000	50	55	10	4582	292
Q4597	Halogen Aircraft Flood		28.0	450W	16,000	60	35	1,000	Q4597	293
4619	Auto Headlamp High Beam		28.0	50W	33,000	26	5	400	4619	294
4624	Auto Headlamp Low Beam	High	28.0	50W	22,000	34	7	400	4624	295
		Low	28.0	50W	13,000	34	7	400		
4633A	Amber Warning, School Bus		12.8	75W	1,200	80	15	70	4633A	296
4633R	Red Warning, School Bus		12.8	75W	700	80	15	70	4633R	297

Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 46 BULB 146 MM (5 3/4 " DIAMETER) - Continued</b>										
463	Aircraft Landing	16.5	450W	325,000	14	15	25	4635	298	
4636	Signal	14.0	80W	90,000	9	7.5	200	4636	299	
Q4681	Aircraft Landing	28.0	450W	310,000	15	9	50	Q4681	300	
4705	Spot/Flood	Spot	13.0	100W	130,000	10	6	25	4705	301
		Flood	13.0	100W	40,000	13	14	25		
H4719	Halogen Tractor Spot	12.8	50W	-----	Trapezoidal		200	H4719	302	
4813	C.I.M. Headlamp	28.0	90W	10,000	50	10	800	4813	303	
H4813	Halogen C.I.M. Headlight Flood	28.0	90W	12,000	50	10	800	H4813	304	
4814	C.I.M. High Speed Driving Light	28.0	90W	27,000	8	4	800	4814	305	
H4814	Halogen C.I.M. Driving Light	28.0	90W	33,000	8	4	800	H4814	306	
4880	C.I.M. Headlamp	28.0	60W	6,000	40	7	800	4880	307	
H4880	C.I.M. Headlamp	28.0	60W	7,000	40	7	800	H4880	308	
5001	High Beam Auto Headlamp	12.8	50W	35,000	26	5	200	5001	309	
5001R	High Beam Auto Headlamp, Red	12.8	50W	-----	26	5	200	5001R	310	
H5001	Halogen Headlamp High Beam	12.8	50W	55,000	26	5	200	H5001	311	
H5001LL	Halogen Long Life Headlamp	High	12.8	50W	55,000	26	5	900	H5001LL	312
H5006	Halogen Auto Headlamp Low Beam	High	12.8	35W	15,000	35	7	200	H5006	313
		Low	12.8	35W	20,000	35	7	320		
H5006LL	Halogen Long Life Headlamp Low Beam	High	12.8	40W	15,000	35	7	500	H5006LL	314
		Low	12.8	50W	20,000	35	7	2,000		
H7609	Halogen Tractor Flood	12.8	50W	2,200	80	20	400	H7609	315	
H7612	Halogen Fog	12.8	37.5W	15,000	40	7	450	H7612	316	
H7619	Halogen Tractor	12.8	50W	6,000	30	25	400	H7619	317	
H7621-1	Halogen Auto/Truck	12.8	50W	20,000	50	7	200	H7621-1	318	
H7635	Halogen Spot Lamp	12.8	50W	160,000	6.5	4	100	H7635	319	
H7635X	Halogen Spot Lamp, Shielded	12.8	50W	160,000	6.5	4	100	H7635X	320	
H7680HIR	Halogen Infrared Spotlamp	13.0	80	275,000	6.5	6.5	100	H7680HIR	321	
7701	Auxilliary Passing Lamp	12.8	50W	50,000	12	6	200	7701	322	
7711	Driving Lamp	12.8	100W	100,000	12	6	25	7711	323	
<b>PAR 56 BULB 178 MM (7 " DIAMETER)</b>										
4018R	Auto Signal Red	Spot	6.0	50W	38,000	5	2	50	4018R	324
		Flood	6.5	40W	1,800	7	7	100		
4305	Swimming Pool	13.0	100W	5,000	50	25	125	4305	325	
4310	Swimming Pool	12.0	150W	6,000	50	25	125	4310	326	
4319	Swimming Pool	12.0	300W	12,000	50	25	125	4319	327	
4433A	School Bus Signal, Amber	12.8	75W	2,400	40	20	70	4433A	328	
4433R	School Bus Signal, Red	12.8	75W	800	40	20	70	4433R	329	
4541	Aircraft Landing	28.0	450W	470,000	15	11	25	4541	330	
4543	Marine Spotlamp	12.5	100W	250,000	9	5	50	4543	331	
4545	Marine Searchlight	12.0	100W	225,000	9	5	100	4545	332	
4800	Auto Headlamp, Military	High	28.0	50W	19,000	34	7	400	4800	333
		Low	28.0	40W	11,000	34	7	400		
4860	Auto Headlamp, Military	High	28.0	80W	24,000	34	7	400	4860	334
		Low	28.0	60W	12,000	34	7	400		
H5024	Halogen Truck Headlamp	High	12.8	65W	SAE Specification			400	H5024	335
		Low	12.8	42W				2,000		
6006	Auto Headlamp	High	6.1	50W	27,000	34	7	300	6006	336
		Low	6.2	40W	20,000	34	7	500		
6014	Auto Headlamp	High	12.8	60W	32,000	34	7	200	6014	337
		Low	12.8	50W	25,000	34	7	320		
6015	Auto Truck Headlamp Heavy Duty	High	12.8	50W	32,000	34	7	300	6015	338
		Low	12.8	50W	25,000	34	7	500		



Part Number	Description	Volts	Watts	Initial C.P.	Spread Horiz.	Spread Vert.	Life Hours	Part Number	Index NO.	
<b>PAR 56 BULB 178 MM (7 " DIAMETER) - Continued</b>										
6016	Auto Headlamp, Heavy Duty	High	12.8	60W	32,000	34	7	200	6016	339
		Low	12.8	50W	25,000	34	7	320		
H6024	Halogen Auto Headlight	High	12.8	65W	35,000	35	7	150	H6024	340
		Low	12.8	35W	27,000	35	7	320		
H6024BL	Halogen Auto Headlight Type 2D1, Xenon	High	12.8	65W	28,000	80	7	150	H6024BL	341
		Low	12.8	55W	24,000	80	7	450		
H6024LL	Halogen Auto Headlamp Long Life	High	12.8	65W	32,000	35	7	900	H6024LL	342
		Low	12.8	35W	28,000	35	7	1500		
6045	Signal		26.0	170W	230,000	9	8	100	6045	343
<b>PAR 64 BULB 203 MM (8 " DIAMETER)</b>										
4552	Aircraft Landing		28.0	250W	500,000	7	8	25	4552	344
4555	Aircraft Landing		115.0	1000W	600,000	20	11	25	4555	345
4556	Aircraft Landing		28.0	1000W	700,000	---	---	25	4556	346
4557	Aircraft Landing and Taxiing	Landing	28.0	1000W	540,000	11	15	25	4557	347
		Taxiing	28.0	400W	100,000	25	11	100		
4559	Aircraft Landing		28.0	600W	600,000	11	12	25	4559	348
Q4559	Halogen Aircraft Landing		28.0	600W	600,000	12	8	100	Q4559	349
Q4559X	Halogen Aircraft Landing		28.0	600W	765,000	12	8	100	Q4559X	350
Q4629	Halogen Aircraft Logo Light		28.0	600W	20,000	55	35	1000	Q4629	351
4715	Marine Spotlight		13.0	250W	500,000	8	7	25	4715	352
5557	Aircraft Landing/Taxiing		28.0	1000W	540,000	11	15	50	5557	353
			28.0	400W	100,000	25	11	100		

August 28, 2001