

INCANDESCENT LAMPS

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PHILIPS

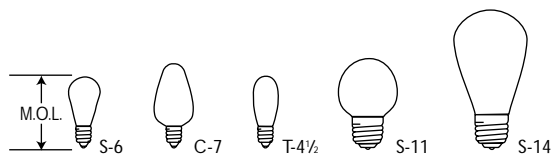
Let's make things better.

Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
3	S-6	Cand. ▲	37374-6	3S6/5	120-130	48	Clear, Indicator	B, C-7A		1 5/8	3000		12		
4	C-7	Cand. ▲	25706-3	BC-4C7	12/2	120	24	Clear, Night Light	B, C-7A		2 1/8	3000		16	
			24741-1	BC-4C7/4	12/4	120	48	Clear, Night Light	B, C-7A		2 1/8	3000		16	
			25708-9	BC-4C7/W	12/2	120	24	White, Night Light	B, C-7A		2 1/8	3000		14	
6	S-6	Cand. ▲	23443-5	6S6		12	48	Clear, Indicator	B, C-2V		1 1/8	1500		50	
			23449-2	6S6		24	48	Clear, Indicator	B, C-2V		1 1/8	1500		50	
			23451-8	6S6		30	48	Clear, Train	B, C-2V		1 1/8	1500		50	
			Cand.	23458-3	6S6/BR		32	48	Clear, Train	B, C-2V		1 1/8	1500		50
				24835-1	6S6		120-130	48	Clear, Indicator	B, C-7A		1 1/8	1500		40
				23461-7	6S6		135	48	Clear, Indicator	B, C-7A		1 1/8	1500		40
				23462-5	6S6		145	48	Clear, Indicator	B, C-7A		1 1/8	1500		40
	23476-5	6S6		155	48	Clear, Indicator	B, C-7A		1 1/8	1500		40			
	23477-3	6S6/3		130	48	Clear, Vibration	B, C-7A		1 1/8	1500		20			
	Inter.	23479-9	6S6/7		120	48	Clear, Indicator	B, C-7A		1 13/16	1500		40		
	D.C. Bay.	37376-1	6S6DC		120-130	48	Clear, Indicator	B, C-7A	1 1/16	1 13/16	1500		40		
		23483-1	6S6DC		145	48	Clear, Indicator	B, C-7A	1 1/16	1 13/16	1500		40		
	T-4 1/2	Cand. ▲	37377-9	6T4 1/2/1		120-130	24	Clear, Indicator	B, C-7A		1 1/8	1500		40	
7	C-7	Cand. ▲	37378-7	7C7		120-130	24	Clear, Indicator	B, C-7A		2 1/8	3000		45	
			23643-0	7C7/W		120	24	White, Night Light	B, C-7A		2 1/8	3000		35	
			25714-7	BC-7C7/W	12/2	120	24	White, Night Light	B, C-7A		2 1/8	3000		35	
			23635-6	7C7/O	24 Pack	120	24	Orange, Indicator	B, C-7A		2 1/8	3000			
			23636-4	7C7/R	24 Pack	120	24	Red, Indicator	B, C-7A		2 1/8	3000			
7 1/2	S-11	Med. ▲	24811-2	7 1/2S		120-130	24	Clear	B, C-7A		2 1/4	1400		45	
			37380-3	7 1/2S/W		120-130	24	White, Night Light	B, C-7A		2 1/4	1400		35	
			23611-7	7 1/2S/O	24 Pack	120	24	Orange	B, C-7A		2 1/4	1400			
			23613-3	7 1/2S/R	24 Pack	120	24	Red	B, C-7A		2 1/4	1400			
10	C-7	Cand.	24812-0	10C7		120	24	Clear, Indicator	B, C-9		2 1/8	(3)		50	
		D.C. Bay. ▲	23639-8	10C7DC		120	24	Clear, Indicator	B, C-7A		2 1/8	(3)		50	
	S-6	Cand. ▲	23485-6	10S6/10		230	48	Clear, Indicator	B, C-7A		1 1/8	1500		65	
			23488-0	10S6/10		250	48	Clear, Indicator	B, C-7A		1 1/8	1500		65	
	D.C. Bay. X	23490-6	10S6/15		250	48	Clear, Indicator	B, C-7A		1 13/16	1500		65		
		S-11	Cand. ▲	23598-6	10S11/79		120	24	Clear, Indicator	B, C-7A	1 5/8	2 1/4	1500		70
	Inter. ▲	23606-7	10S11N/IF		120	24	Frost, Appliance	B, C-7A		2 5/8	1500		70		
		37381-1	10S11N		120-130	24	Clear	B, C-7A	1 5/8	2 5/8	1500		70		
S-14	Med.	21308-2	10S14/IF		130	120	Frost, Sign	B, C-9		3 1/2	1500		82		
11	S-14	Med. X	21355-3	11S14/Y		130	120	Yellow, Sign	B, C-9		3 1/2	3000		77	
			38025-3	11S14/Y		130	120	Yellow, Sign	B, C-9		3 1/2	3000		77	
			39007-0	11S14/TB		130	120	Transparent Blue, Sign	B, C-9		3 1/2	3000		77	
			39006-2	11S14/TR		130	120	Transparent Red, Sign	B, C-9		3 1/2	3000		77	
			39095-5	11S14/TY		130	120	Transparent Yellow, Sign	B, C-9		3 1/2	3000		77	

- ▲ — Aluminum Base
- — Maximum Beam Candlepower
- X — Orders will be shipped until inventory is depleted; no longer manufactured

For pricing information refer to PS-101-U
Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		
											Hours Life	MBCP*	Lumens
15	A-15	Med. ▲	37384-5	15A15	120-130	120	Frost	B, C-9		3 1/2	2500	126	
			30256-2	15A/WL	12/2	120	24	Soft White, Long Life	B, C-9		3 1/2	3000	114
			37385-2	15A15/CL		120-130	120	Clear	B, C-9	2 3/8	3 1/2	2500	126
			21376-9	15A/R		120	60	Red	B, C-9		3 1/2	2500	
		S-11	D.C. Bay.	25849-1	15A15/35	130	60	Frost, Industrial Service	B, C-9		3 1/2	3500	123
				23599-4	15S11/3DC	75	24	Clear, Train Marker Control (12)	B, C-7A	1 1/4	2 3/8	1000	140
			Med. ▲	23614-1	15S11/102	120	24	Clear, Refrigerator	B, C-7A	1 9/16	2 1/4	400	130
		T-6	Cand. ▲	23582-0	15T6	120	24	Clear, Switchboard	B, C-7A		3 1/16	2000	100
				24815-3	15T6	140-150	24	Clear, Switchboard (63)	B, C-7A		3 1/16	2000	100
			D.C. Bay.	23590-3	15T6DC	120	24	Clear, Switchboard	B, C-7A		3 1/16	2000	100
		T-7	D.C. Bay.	22307-3	15T7DC	120	24	Clear, Appliance	B, C-7A		2 1/4	(4)	100
				Cand. ▲	22308-1	15T7C	120	24	Clear, Appliance	B, C-7A		2 1/4	(4)
			Inter. ▲	24816-1	15T7N	120	24	Clear, Appliance	B, C-7A		2 1/4	(4)	100
				29904-0	BC-15T7N	12/1	12	Clear, Appliance	B, C-7A		2 1/4	(4)	100
		T-8	Cand. ▲	23591-1	15T8C	120	24	Clear, Appliance	B, C-7A		2 3/8	1000	100
	Inter. ▲			23594-5	15T8N	120	24	Clear, Appliance	B, C-7A		2 3/8	1000	100
	T-10	Med. ▲	37671-5	BC-15T10	12/1	120	12	Clear, Aquarium	B, C-9		5 3/8	2500	115
17	R 20	Med.	23263-7	17R20	6.3	60	Frost, Reflector, Lt.	C, C-6		3 15/16	2000		
20	T-6 1/2	Inter.	24853-4	20T6 1/2/IF	120	24	Frost, Exit Sign	B, C-8		5 1/2	(3)	150	
		D.C. Bay.	24839-3	20T6 1/2DC/IF	120	24	Frost, Exit Sign	B, C-8		5 1/2	(3)	150	
			24838-5	20T6 1/2DC	120	24	Clear, Exit Sign	B, C-8		5 1/2	(3)	150	
24	T-6 1/2	Inter.	24848-4	24T6 1/2/IF	120	24	Frost, Exit Sign, 1 Yr. Life	B, C-8		5 1/2	8760	200	
		D.C. Bay. X	24841-9	24T6 1/2DCIF	120	24	Frost, Exit Sign, 1 Yr. Life	B, C-8		5 1/2	8760	200	
25	A-15	Med. ▲	23165-4	25A15/1	120	120	Frost, Refrigerator	B, C-9		3 1/2	1000	210	
		Med.	22638-1	25A15/RFL	130	120	Frost, Sign Reflector	B, C-9		3 1/2	2500		
	A-19	Med. ▲	36804-3	25A	12/2	12	24	Frost	C, C-6		4 1/4	1000	375
			24227-1	25A		24	120	Frost	C, C-6		4 1/4	1000	345
			24229-7	25A		30	120	Frost, Train	C, C-6		4 1/4	1000	325
			24235-4	25A		34	120	Frost, Train	C, C-6		4 1/4	1000	325
			25564-6	25A		120	24/2	Frost	C, CC-6		4 7/16	2500	232
			30031-9	25A/TF		120	120	Frost, Silicone Coated	B, C-9		3 15/16	2500	
			20433-9	25A/WL	12/2	120	24	Soft White, Longer Life	C, CC-6		4 7/16	3150	235
			25566-1	25A		130	24/2	Frost	C, CC-6		4 7/16	2500	232
			25569-5	25A/CL		120-130	24/2	Clear	C, CC-6		4 7/16	2500	220
			36130-3	25A/TB	12/1	120	12	Transparent Blue	B, C-9		3 15/16	3000	
			36131-1	25A/TG	12/1	120	12	Transparent Green	B, C-9		3 15/16	3000	
			36138-6	25A/TR	12/1	120	12	Transparent Red	B, C-9		3 15/16	3000	
			36142-8	25A/TY	12/1	120	12	Transparent Yellow	B, C-9		3 15/16	3000	

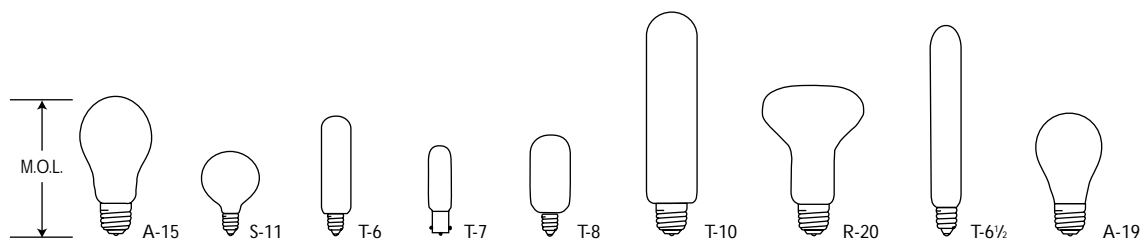
▲ — Aluminum Base

♦ — Maximum Beam Candlepower

X — Orders will be shipped until inventory is depleted; no longer manufactured

□ — Exclusive Philips Product

Footnotes located on page 47



Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens
											Hours Life	MBCP*	
25	A-19	Med.	X	21557-4	25A/B	120	60	Blue	B, C-9		3 ¹⁵ / ₁₆	2500	
				37988-3	25A/B	120	60	Blue	B, C-9		3 ¹⁵ / ₁₆	2500	
			X	21561-6	25A/G	120	60	Green	B, C-9		3 ¹⁵ / ₁₆	2500	
				37994-1	25A/G	120	60	Green	B, C-9		3 ¹⁵ / ₁₆	2500	
			X	21555-8	25A/O	120	60	Orange	B, C-9		3 ¹⁵ / ₁₆	2500	
				37993-3	25A/O	120	60	Orange	B, C-9		3 ¹⁵ / ₁₆	2500	
			X	21564-0	25A/R	120	60	Red	B, C-9		3 ¹⁵ / ₁₆	2500	
				37989-1	25A/R	120	60	Red	B, C-9		3 ¹⁵ / ₁₆	2500	
			X	21567-3	25A/Y	120	60	Yellow	B, C-9		3 ¹⁵ / ₁₆	2500	
				37978-4	25A/Y	120	60	Yellow	B, C-9		3 ¹⁵ / ₁₆	2500	
		33365-8	25A19/RS	75	120	Frost, Train, Rough Ser.	RC-9		3 ¹⁵ / ₁₆	1000	240		
		37386-0	25A/RS	120-130	120	Frost, Rough Service	RC-9		3 ¹⁵ / ₁₆	1000	235		
		37387-8	25A19/35	120-130	60	Frost, Industrial Service	B, C-9		3 ¹⁵ / ₁₆	3500	220		
	R 14	Inter. ■		24828-6	25R12/R14N Replaces 25R12N and 25R14N	120	24	Mini-Refl. Lt. Fr. Actual Bulb Dia. 1 1/2"	C, CC-2V		2 5/8	1500	150
	S-11		S.C. Bay. Cand. ▲	24250-3	25S11/4SC	10	120	Rwy. Lt. Signal (72)	C, CC-6	1 1/4	2 5/8	1000	
				23603-4	25S11/2C	120	24	Clear, Headlamp (2)	B, C-7A	1 7/8	2 1/4	500	220
	T-6 1/2	Inter. ▲		37388-6	25T6 1/2/IF	120-130	24	Frost, Appliance	B, C-8		5 1/2	1000	210
				37389-4	25T6 1/2	120-130	24	Clear, Appliance	B, C-8		5 1/2	1000	210
		D.C. Bay.		37391-0	25T6 1/2/DC/IF	120-130	24	Frost, Appliance	B, C-8		5 1/2	1000	210
				37392-8	25T6 1/2/DC	120-130	24	Clear, Appliance	B, C-8		5 1/2	1000	210
	T-8	D.C. Bay.		29909-9	BC-25T8DC	12/1	120	Clear, Appliance	B, C-7A		2 5/8	(4)	200
				24827-8	25T8DC	120	24	Clear, Appliance	B, C-7A		2 5/8	(4)	200
		Cand. ▲		23592-9	25T8C	120	24	Clear, Appliance	B, C-7A		2 5/8	(4)	200
Inter. ▲			23593-7	25T8N	120	24	Clear, Appliance	B, C-7A		2 5/8	(4)	200	
T-10	Med. ▲		37674-9	BC-25T10/IF	12/1	120	Frost, Showcase	B, C-8		5 5/8	1000	260	
			37393-6	25T10/IF	120-130	60	Frost, Showcase	B, C-8		5 5/8	1000	260	
			20363-8	BC-25T10	12/1	120	Clear, Showcase	B, C-8		5 5/8	1000	260	
			37394-4	25T10	120-130	60	Clear, Showcase	B, C-8		5 5/8	1000	260	
			30448-5	30A15	130	120	Frost, Sign Service Ratings @ 120V = 27W	C, C-9		3 1/2	8000 22828	180 137	
		30452-7	30A15/CL	130	120	Clear, Sign Service Ratings @ 120V = 27W	C, C-9	2 3/8	3 1/2	8000 22828	160 122		
R 20	Med. ▲		20165-7	30R20	12/1	120	Lt. Frost, Reflector (87)	C, CC-6		3 15/16	2000		
			22078-0	30R20	12/1	130	Lt. Frost, Reflector (87)	C, CC-6		3 15/16	2000		
	Med.		20264-8	30R20/SFL	120	60	Lt. Frost, Reflector Sign	C, CC-6		3 15/16	6000		
			22601-9	30R20/SFL/TF	130	60	Frost Silicone Coated, Reflector Sign	C, CC-6		3 15/16	6000		
		X □	27557-8	30R20/SFL/5TD	120	60	Transp. Daylight, Reflector Sign (10)	C, CC-6		3 15/16	6000		
		□	27561-0	30R20/SFL/5TR	120	60	Transp. Red, Reflector Sign (10)	C, CC-6		3 15/16	6000		
X □	27553-7	30R20/SFL/5TG	120	60	Transp. Green, Reflector Sign (10)	C, CC-6		3 15/16	6000				

▲ — Aluminum Base

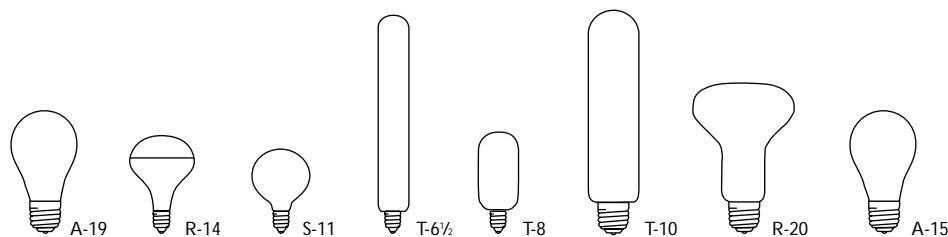
† — Maximum Beam Candlepower

■ — Nickel Plated Brass Base

X — Orders will be shipped until inventory is depleted;
no longer manufactured

□ — Exclusive Philips Product

Footnotes located on page 47



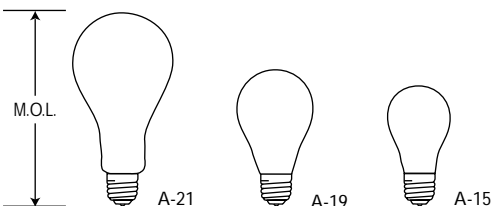
Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
30 70 100	A-21	3Ct. Med. ▲	36662-5	30/100A/W 12/1	120	12	Soft White Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200		310 945 1255		
			20451-1	30/100A/WL 12/1	120	12	Longer Life Soft White Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1500		300 960 1260		
33	A-19	Med.	22145-7	33A19/5	130	60	Clear, Sign Ratings @ 120V = 29W	C, C-9		3 ¹⁵ / ₁₆	3000 8561		220 168		
			30549-0	33A19/GR/CL	130	60	Clear, Sign Ratings @ 120V = 29W	B, C-9		3 ¹⁵ / ₁₆	3000 8561		220 168		
34	A-19	Med. ▲ ● \$	22234-9	40A-34A/EW	120	48	Frost, Econ-o-watt®	C, CC-6		4 ⁷ / ₁₆	1500		410		
		Med.	22235-6	40A-34A/EW	130	48	Frost, Econ-o-watt Ratings @ 120V = 30W	C, CC-6		4 ⁷ / ₁₆	1500 4245		400 305		
		● \$	37397-7	40A-34A/99/EW	120-130	48	Frost, Econ-o-watt, Extended Service Ratings @ 120V = 32W	C, CC-6		4 ⁷ / ₁₆	2500 4250		350 304		
40	A-15	Med. ▲	29999-0	BC-40A15/LL 12/1	120	12	Clear, Longer Life Home Appliance	C, C-9		3 ¹ / ₂	1750		400		
			●	37398-5	40A15	120-130	120	Frost, Home Appliance	C, C-9		3 ¹ / ₂	1000		455	
			□	25109-0	40A15/ TF	120-130	120	Frost, Refrigerator, Silicone Coated	C, C-9		3 ¹ / ₂	1000			
				20002-2	40A15/22	120	120	Clear, Home Oven	C, C-9		3 ¹ / ₂	1000		455	
	A-19	Med. ▲		27081-9	40A 12/4	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	1500		495	
				37465-2	40A	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	1500		495	
				37466-0	40A	130	48	Frost Ratings @ 120V = 35W	C, CC-6		4 ⁷ / ₁₆	1500 4245		490 375	
			\$ — CONSIDER 40A-34A/EW 130 VOLT FOR ENERGY SAVINGS												
				30033-5	40A/TF	120	120	Frost, Silicone Coated	C, CC-6		4 ⁷ / ₁₆	1500			
				36644-3	40A/CL 12/2	120	24	Clear	C, CC-6	3 ¹ / ₈	4 ⁷ / ₁₆	1500		490	
				37399-3	40A/CL	120-130	48	Clear Ratings @ 120V = 37W	C, CC-6	3 ¹ / ₈	4 ⁷ / ₁₆	1500 2550		500 435	
				37400-9	40A/99	120-130	48	Frost, Extended Service Ratings @ 120V = 37W	C, CC-6		4 ⁷ / ₁₆	2500 5100		465 405	
				24424-4	BC-40A/GD 12/2	120	24	Frost, Garage Door	C, C-9		3 ¹⁵ / ₁₆	3500		370	
				●	37481-9	40A/W 12/4	120	48	Soft White	C, CC-6		4 ⁷ / ₁₆	1000		500
				37482-7	40A/W/TP 24/4	120	96	Soft White, Tra-Pak	C, CC-6		4 ⁷ / ₁₆	1000		500	
				□	26372-3	40A/WL 12/4	120	48	Longer Life, Soft White	C, CC-6		4 ⁷ / ₁₆	1250		495
		29775-4	40A/WL/TP 24/4	120	96	Longer Life, Soft White Tra-Pak	C, CC-6		4 ⁷ / ₁₆	1250		495			
			35452-2	40A/YL 12/2	120	24	Yellow, Longer Life Bug-A-Way®	C, CC-6		4 ⁷ / ₁₆	1350				
		Med.	□	23096-1	40A19/35	130	48	Frost, Industrial Service Ratings @ 120V = 35W	C, C-9		4 ¹ / ₄	3500 9987		315 240	

- ▲ — Aluminum Base
- ♦ — Maximum Beam Candlepower
- — Exclusive Philips Product

- \$ — Energy Saving Product
- — Consider compact fluorescent lamps listed on pages 53–55 for energy savings

Footnotes located on page 47



Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL. (In.)	Approximate		Lumens	
											Hours Life	MBCP*		
40	A-21	Med.	X 21871-9	40A/B	120	120	Blue-Sign	B, C-9		4 ¹ / ₁₆	1000			
			37973-3	40A/B	120	120	Blue-Sign	B, C-9		4 ¹ / ₁₆	1000			
			X 21874-3	40A/G	120	120	Green-Sign	B, C-9		4 ¹ / ₁₆	1000			
			37974-3	40A/G	120	120	Green-Sign	B, C-9		4 ¹ / ₁₆	1000			
			X 21876-8	40A/R	120	120	Red-Sign	B, C-9		4 ¹ / ₁₆	1000			
			38022-0	40A/R	120	120	Red-Sign	B, C-9		4 ¹ / ₁₆	1000			
			X 21879-2	40A/Y	120	120	Yellow-Sign	B, C-9		4 ¹ / ₁₆	1000			
			38024-6	40A/Y	120	120	Yellow-Sign	B, C-9		4 ¹ / ₁₆	1000			
		Med. ▲	21885-9	40A/TS	130	120	Traffic Signal (12)	C, C-9	2 ¹ / ₁₆	4 ¹ / ₁₆	2000		365	
	K-19	Med. ▲	30728-0	40K19/DL	6/2	120	12	Director®	C, C-9		4 ¹ / ₁₆	1150		
	R 14	Med.	35454-8	40R14/SP		120	24	Light Fr. Mini. Refl.	C, CC-2V		2 ⁵ / ₁₆	1500		250
	S-11	Inter. ▲	21216-7	BC40S11/N TP 16/1	120	16	Clear, High Intensity	C, CC-2V		2 ⁵ / ₁₆	500		420	
			24830-2	40S11N/IF	120	24	Frost, High Intensity	C, CC-2V		2 ⁵ / ₁₆	500		420	
	T-6½	Inter. ▲	24850-0	40T6½	120	24	Clear, Refrigerator	B, C-8		5½	1000		350	
			24852-6	40T6½/IF	120	24	Frost, Refrigerator	B, C-8		5½	1000		350	
			20491-7	BC-40T6½/2 12/1	120	12	Clear, Refrigerator	B, C-8		5½	1000		350	
	T-10	Med. ▲	37679-8	BC-40T10/IF 12/1	120	12	Frost-Showcase	B, C-8		5 ⁵ / ₁₆	1000		440	
			37401-7	40T10/IF	120-130	60	Frost-Showcase	B, C-8		5 ⁵ / ₁₆	1000		440	
			20368-7	BC-40T10 12/1	120	12	Clear-Showcase	B, C-8		5 ⁵ / ₁₆	1000		440	
37402-5			40T10	120-130	60	Clear-Showcase	B, C-8		5 ⁵ / ₁₆	1000		440		
Med.Pf.			21941-0	40T10P	120	60	Aviation, Airport Marker	C, CC-2V	1½	3 ¹⁵ / ₁₆	1000			
50	A-19	Med. ▲	36805-0	50A 12/2	12	24	Frost	C, C-6		4¼	1000		790	
			34765-8	50A	24	120	Frost	C, C-6		4¼	1000		825	
			34769-0	50A	34	120	Frost	C, C-6		4¼	1000		790	
			24569-6	50A	250	120	Frost	C, RC-9		3 ¹⁵ / ₁₆	1000			
			24324-6	50A/RS	34	120	Frost, Rough Serv., Train	B, C-9		3 ¹⁵ / ₁₆	1000		500	
			24326-1	50A19/RS	75	120	Frost, Rough Serv., Train	B, RC-9		3 ¹⁵ / ₁₆	1000		500	
			21952-7	50A19/31	120	120	Clear, Commercial Oven	B, C-9	2½	3 ¹⁵ / ₁₆	1000		500	
			37403-3	50A/RS	120-130	120	Frost, Rough Service Ratings @ 120V = 47W	B, RC-9		3 ¹⁵ / ₁₆	1000		500	
											1700		440	
			20163-2	50A/RS 12/2	120	24	Frost, Rough Service	B, RC-9		3 ¹⁵ / ₁₆	1000		480	
			24572-0	50A/RS	250	120	Frost, Rough Service	C, RC-9		3 ¹⁵ / ₁₆	1000			
			30034-3	50A/RS/TF	120-130	120	Frost, Rough Service Silicone Coated	B, RC-9		3 ¹⁵ / ₁₆	1000			
	BR 19	Med. ▲	28731-8	50BR19/25°/SP	120	12	Spotline Reflector	CC-11		4½	2000			
	ER 30	Med. ▲	37404-1	50ER30	120-130	24	Elliptical Reflector (87)	C, CC-6		6½	2000			
	PAR 36	M-P	29603-8	50PAR36/WFL	12	12	*PAR Compact Wide Flood	C, C-6		2¼	2000			
			22859-3	50PAR36/NSP/8°	12	12	*PAR Compact Nar. Spot	C, C-6		2¼	2000			
	P-25	3Ct.Mog.	22018-6	50/50P25/28	120	60	Clear, Marine (15)	C, C-5, C-9	3 ⁵ / ₁₆	5½	750		375	
	R 20	Med. ▲	20166-5	50R20 12/1	120	12	Lt. Frost, Reflector(82)	C, CC-6		3 ¹⁵ / ₁₆	2000			
			\$ — CONSIDER 45PAR16/H/NFL 120 VOLT FOR ENERGY SAVINGS											
22082-2			50R20 12/1	130	12	Lt. Frost, Reflector(82)	C, CC-6		3 ¹⁵ / ₁₆	2000				
\$ — CONSIDER 45PAR16/H/NFL 130 VOLT FOR ENERGY SAVINGS														
		26635-3	50R20/PK	120	60	Pink (19, 82)	C, CC-6		3 ¹⁵ / ₁₆	2000				

▲ — Aluminum Base

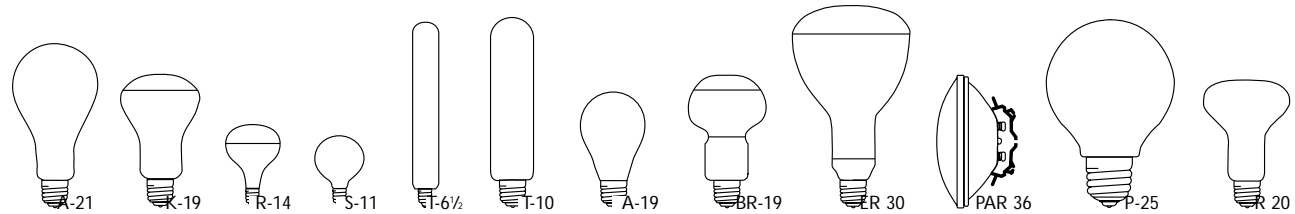
• — Maximum Beam Candlepower

X — Orders will be shipped until inventory is depleted; no longer manufactured

□ — Exclusive Philips Product

\$ — Energy Saving Product

Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
50 100 150	A-21	3Ct. Med. ▲	36671-6	50/150A/W 12/1	120	12	Soft White Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200		610 1510 2120		
			<input type="checkbox"/>	20453-7	50/150A/WL 12/1	120	12	Longer Life Soft White Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1500		575 1510 2085	
			<input type="checkbox"/>	32359-2	50/150A/DL 12/1	120	12	Director® Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200			
			<input type="checkbox"/>	27753-3	50/150A/WL TP 60/1	120	60	Longer Life, Tra-Pak Soft White Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1500		575 1510 2085	
			<input type="checkbox"/>	31736-2	50/150A/STP/BL 8/1	120	8	Blue Softone Pastel® Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200		530 1260 1790	
			<input type="checkbox"/>	31716-4	50/150A/STP/PCH 8/1	120	8	Peach Softone Pastel Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200		610 1510 2120	
			<input type="checkbox"/>	31739-6	50/150A/STP/PK 8/1	120	8	Pink Softone Pastel Three-Way (8)	C, 2CC-8		5 ⁵ / ₁₆	1200		550 1310 1860	
50 200 250	A-21	3Ct. Med. ▲	<input type="checkbox"/>	20454-5	50/250A/WL 12/1	120	12	Longer Life Soft White Three-Way (8)	C, 2CC-8		5 ¹⁵ / ₁₆	1500		575 3250 3825	
51	A-19	Med.	<input type="checkbox"/>	31756-0	51A19/RR/TS	125	20	Clear, Ring Refl. Traffic Sig.	C, C-7A	2 ⁷ / ₁₆	3 ³ / ₄	8000		385	
			<input type="checkbox"/>	20555-9	51A19/RR/TS	130	20	Clear, Ring Refl. Traffic Sig.	C, C-7A	2 ⁷ / ₁₆	3 ³ / ₄	8000		380	
52	A-19	Med. ▲	\$	22237-2	60A-52A/EW	120	48	Frost, Econ-o-watt®	C, CC-6		4 ⁷ / ₁₆	1000		700	
			\$ — CONSIDER MARATHON™ COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS												
			\$	22239-8	60A-52A/EW	130	48	Frost, Econ-o-watt Ratings @ 120V = 46W	C, CC-6		4 ⁷ / ₁₆	1000 2830		680 550	
\$	37459-5	60A-52A/99/EW	120-130	48	Frost, Econ-o-watt, Extended Service Ratings @ 120V = 49W	C, CC-6		4 ⁷ / ₁₆	2500 4250		605 564				
54	A-19	Med.	\$	37166-6	K54A19/TS/EW	120-125	120	Clear, Krypton Econ-o-watt Traffic Signal (12)	C, C-11V	2 ⁷ / ₁₆	4 ³ / ₈	8000		530	
60	A-15	Med		21281-1	BC60A15FAN 12/2	120	24	Clear Fan	C, C-9		3 ¹ / ₂	1000		565	
				20431-3	BC60A15FAN/W 12/2	120	24	White Fan	C, C-9		3 ¹ / ₂	1000		565	
	A-19	Med. ▲		27082-7	60A 12/4	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	1000		890	
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS												
				37469-4	60A	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	1000		890	
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS												
				37471-0	60A	130	48	Frost Ratings @ 120V = 53W	C, CC-6		4 ⁷ / ₁₆	1000 2830		850 650	
\$ — CONSIDER 60A-52A/EW 130 VOLT FOR ENERGY SAVINGS															
	30038-4	60A/TF	120	120	Frost Silicone Coated	C, CC-6		4 ⁷ / ₁₆	1000						
	22245-5	60A/99	120	48	Frost, Extended Service	C, CC-6		4 ⁷ / ₁₆	2500		800				
\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS															

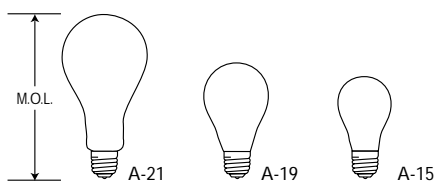
▲ — Aluminum Base

• — Maximum Beam Candlepower

— Exclusive Philips Product

\$ — Energy Saving Product

Footnotes located on page 47

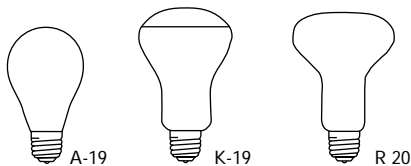


Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens			
											Hours Life	MBCP*				
60	A-19	Med. ▲	22246-3	60A/99	130	48	Frost, Extended Service Ratings @ 120V = 53W	C, CC-6		4 ⁷ / ₁₆	2500 7075		790 595			
			\$ — CONSIDER 60A-52A/99/EW 130 VOLT FOR ENERGY SAVINGS													
			20148-3	60A/CL	12/2	120	24	Clear	C, CC-6	3 ³ / ₁₆	4 ⁷ / ₁₆	1000		855		
			37522-0	60A/CL		130	48	Clear Ratings @ 120V = 53W	C, CC-6	3 ³ / ₁₆	4 ⁷ / ₁₆	1000 2830		880 665		
			X	36292-1	60A/AGRO	24/1	120	24	Agro-Lite Plant Light	C, C-9		4 ⁷ / ₁₆	1000			
			X	37975-0	60A/AGRO	24/1	120	24	Agro-Lite Plant Light	C, C-9		4 ⁷ / ₁₆	1000			
			X	22086-3	60A/D		120	120	Frost, Daylight	C, CC-6		4 ⁷ / ₁₆	1000		515	
			X	38027-9	60A/D		120	120	Frost, Daylight	C, CC-6		4 ⁷ / ₁₆	1000		515	
			X	37517-0	60A/Y		120-130	48	Yellow, Bug-A-Way®	C, CC-6		4 ⁷ / ₁₆	1350			
			X	22099-6	60A19/B		120	60	Blue	C, C-9		4 ⁷ / ₁₆	1000			
			X	37987-5	60A19/B		120	60	Blue	C, C-9		4 ⁷ / ₁₆	1000			
			X	22102-8	60A19/G		120	60	Green	C, C-9		4 ⁷ / ₁₆	1000			
			X	37977-6	60A19/G		120	60	Green	C, C-9		4 ⁷ / ₁₆	1000			
			X	22106-9	60A19/R		120	60	Red	C, C-9		4 ⁷ / ₁₆	1000			
			X	37976-8	60A19/R		120	60	Red	C, C-9		4 ⁷ / ₁₆	1000			
				23941-8	60A/SB		120	120	Frost, Silvered Bowl(43)	C, CC-6		4 ⁷ / ₁₆	1000		810	
				28111-3	60A		230	120	Frost	C, RC-9		3 ¹⁵ / ₁₆	1000		545	
				37483-5	60A/W	12/4	120	48	Soft White	C, CC-6		4 ⁷ / ₁₆	1000		860	
			\$ — CONSIDER MARATHON™ COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS													
				37484-3	60A/W/TP	24/4	120	96	Soft White, Tra-Pak	C, CC-6		4 ⁷ / ₁₆	1000		860	
				□	26376-4	60A/WL	12/4	120	48	Longer Life Soft White	C, CC-6		4 ⁷ / ₁₆	1250		840
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT UNIVERSAL SLS OR 15 WATT OUTDOOR EL/O FOR ENERGY SAVINGS													
				□	26602-3	60A/WL/TP	24/4	120	96	Longer Life Soft White	C, CC-6		4 ⁷ / ₁₆	1250		840
				□	34819-3	60A/STP/BL	12/2	120	24	Blue Softone Pastel®	C, CC-6		4 ³ / ₁₆	1000		
				□	34820-1	60A/STP/PCH	12/2	120	24	Peach Softone Pastel	C, CC-6		4 ³ / ₁₆	1000		
				□	34822-7	60A/STP/PK	12/2	120	24	Pink Softone Pastel	C, CC-6		4 ³ / ₁₆	1000		
				□	22573-0	60A/YL	12/2	120	24	Yellow, Longer Life, Bug-A-Way	C, CC-6		4 ⁷ / ₁₆	1350		
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT BUG-A-WAY EL/O BAW FOR ENERGY SAVINGS													
				Med.	□	22247-1	60A19/35	120	48	Frost, Industrial Service	C, C-9		4 ⁷ / ₁₆	3500		600
					□	22248-9	60A19/35	130	48	Frost, Industrial Service Ratings @ 120V = 53W	C, C-9		4 ⁷ / ₁₆	3500 9987		585 446
					□	25836-8	60A/35/TF	120	60	Frost Silicone Coated, Industrial Service	C, C-9		4 ⁷ / ₁₆	3500		
					\$	21056-7	K60A19/TS/EW	120-125	120	Clear, Krypton Econ-o-watt® Traffic Signal (12)	C, C-11V	2 ⁷ / ₁₆	4 ³ / ₁₆	8000		610
					\$	37167-4	K60A19/TS/EW	130	120	Clear, Krypton Econ-o-watt Traffic Signal (12)	C, C-11V	2 ⁷ / ₁₆	4 ³ / ₁₆	8000		610
	K-19	Med. ▲	□	22486-5	60K19/DL	6/2	120	12	Director®	C, CC-6		4 ¹ / ₁₆	1150	770		
	R 20	Med.		30231-5	60R20/SFL/5TB		120	60	Blue Transp. Refl. Sign(10)	C, C-9		3 ¹⁵ / ₁₆	6000			

- ▲ — Aluminum Base
- ♦ — Maximum Beam Candlepower
- — Exclusive Philips Product

- \$ — Energy Saving Product
- X — Orders will be shipped until inventory is depleted; no longer manufactured

Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens			
											Hours Life	MBCP*				
60	T-10	Med.	22178-8	60T10/64IF	120	60	Frost	B, C-8		5%	1000		745			
			22176-2	60T10/64	120	60	Clear	B, C-8		5%	1000		745			
65	BR 30	Med. ▲	24876-5	65BR30/FL55 12/1	120	12	Reflector Flood (87)	C, CC-6		5%	2000	525				
			\$ — CONSIDER 50PAR30/HAL/FL 120 VOLT FOR ENERGY SAVINGS													
			24884-9	65BR30/FL55	130	12	Reflector Flood (87)	C, CC-6		5%	2000	450				
			\$ — CONSIDER 50PAR30/HAL/FL 130 VOLT FOR ENERGY SAVINGS													
			24882-3	65BR30/FL/LL5512/1	120	12	Reflector Flood, Longer Life (87)	C, CC-6		5%	2500	510				
			24877-3	65BR30/SP20 12/1	120	12	Reflector Spot (87)	C, CC-6		5%	2000	1625				
			24880-7	65BR30/SP20	130	12	Reflector Spot (87)	C, CC-6		5%	2000	1625				
			22546-6	65BR/SP20	120-130	24	Reflector Spot (87)	C, CC-6		6 1/2%	2000	1625				
			24885-6	65BR30/SP/LL2012/1	120	12/1	Reflector Spot (87)	C, CC-6		5%	2500	1575				
			24452-5	65BR30/SFL	120	24	Reflector Sign, Frost	C, C-17A		5%	5000					
			Med.	BR 40	Med. ▲	22536-7	65BR/FL60 8/1	120	8	Reflector Flood (87)	C, CC-6		6 1/2%	2000	500	
						22535-9	65BR/FL60	120	24	Reflector Flood (87)	C, CC-6		6 1/2%	2000	500	
\$ — CONSIDER 50ER30 or 45PAR38/HAL/FL 120 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES																
22537-5	65BR/FL60	130				24	Reflector Flood (87)	C, CC-6		6 1/2%	2000	500				
\$ — CONSIDER 50ER30 or 45PAR38/HAL/FL 130 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES																
67	A-19	Med. ▲	22240-6	75A-67A/EW	120	48	Frost, Econ-o-watt®	C, CC-6		4 7/16	750		1010			
			22241-4	75A-67A/EW	130	48	Frost, Econ-o-watt Ratings @ 120V = 59W	C, CC-6		4 7/16	750		990			
			37405-8	75A-67A/99/EW	120-130	48	Frost, Econ-o-watt, Extended Service Ratings @ 120V = 63W	C, CC-6		4 7/16	2500		835			
	A-21	Med.	22192-9	67A21/99TS	120	120	Clear, Traffic Signal (12)	C, C-11V	2 7/16	4 7/16	8000		610			
			\$ — CONSIDER K60A19/TS/EW 120-125 VOLT FOR ENERGY SAVINGS													
			22197-8	67A21/99TS	130	120	Clear, Traffic Signal (12)	C, C-11V	2 7/16	4 7/16	8000		610			
\$ — CONSIDER K60A19/TS/EW 130 VOLT FOR ENERGY SAVINGS																
69	A-21	Med.	22199-4	69A21/TS	120	120	Clear, Traffic Signal (12)	C, C-9	2 7/16	4 7/16	8000		685			
			\$ — CONSIDER K60A19/TS/EW 120-125 VOLT FOR ENERGY SAVINGS													
			22202-6	69A21/TS	125	120	Clear, Traffic Signal (12)	C, C-9	2 7/16	4 7/16	8000		685			
			22204-2	69A21/TS	130	120	Clear, Traffic Signal (12)	C, C-9	2 7/16	4 7/16	8000		685			
\$ — CONSIDER K60A19/TS/EW 130 VOLT FOR ENERGY SAVINGS																
75	A-19	Med. ▲	37472-8	75A	120	48	Frost	C, CC-6		4 7/16	750		1220			
			\$ — CONSIDER MARATHON™ COMPACT FLUORESCENT 20 WATT UNIVERSAL SLS OR 18 WATT OUTDOOR EL/O FOR ENERGY SAVINGS													
			27083-5	75A 12/4	120	48	Frost	C, CC-6		4 7/16	750		1220			
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 20 WATT UNIVERSAL SLS OR 18 WATT OUTDOOR EL/O FOR ENERGY SAVINGS													
			37473-6	75A	130	48	Frost Ratings @ 120V = 66W	C, CC-6		4 7/16	750		1150			
37406-6	75A/99	120-130	48	Frost, Extended Service Ratings @ 120V = 70W	C, CC-6		4 7/16	2500		1070						
\$ — CONSIDER MARATHON COMPACT FLUORESCENT 20 WATT UNIVERSAL SLS 18 WATT OUTDOOR EL/O FOR ENERGY SAVINGS																

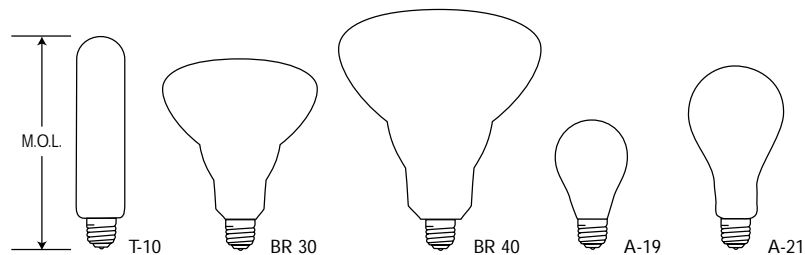
▲ — Aluminum Base

* — Maximum Beam Candlepower

\$ — Energy Saving Product

• — Consider compact fluorescent lamps listed on pages 53–55 for energy savings

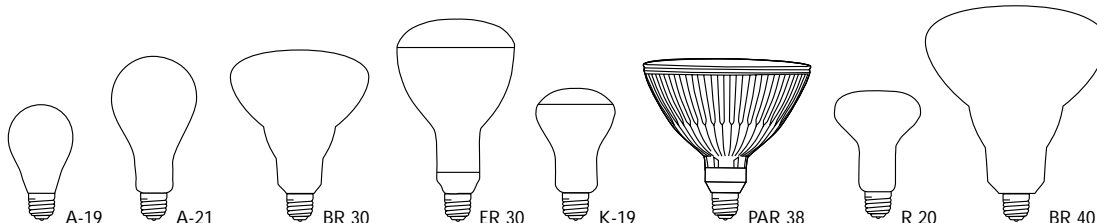
Footnotes located on page 47



Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens			
											Hours Life	MBCP*				
75	A-19	Med. ▲	29360-5	75A/RS/VS	120-130	12/1	Frost, Rough & Vib. Serv. Ratings @ 120V = 70W	RC-9	2½	3½/16	1000		712			
			36646-8	75A/CL	12/2	120	24	Clear	C, CC-6	3½	4¼/16	750		1180		
			37525-3	75A/CL		130	48	Clear Ratings @ 120V = 66W	C, CC-6	3½	4¼/16	750	2140	1195		
			• 37485-0	75A/W	12/4	120	48	Soft White	C, CC-6		4¼/16	750		1180		
			• 37486-8	75A/W/TP	24/4	120	96	Soft White, Tra-Pak	C, CC-6		4¼/16	750		1180		
			• ☐ 26381-4	75A/WL	12/4	120	48	Longer Life Soft White	C, CC-6		4¼/16	950		1150		
			☐ 26603-1	75A/WL/TP	24/4	120	96	Longer Life Soft White	C, CC-6		4¼/16	950		1150		
			A-21	Med. ▲	31305-6	75A21	120-130	120	Frost Ratings @ 120V = 66W	C, CC-8		5½/16	1000	2854	1200	
					20922-1	75A/RH/TF	12/1	120-130	12	Frost Silicone Coated, Tough Bulb	C, RC-9		5½/16	1000		858
					X ☐ \$ 25668-5	75A/1SBIF		130	120	Frost, Silvered Bowl (43, 64)	C, CC-6		5½/16	1000		920
	☐ \$ 37970-1	75A/1SBIF				130	120	Frost, Silvered Bowl (43, 64)	C, CC-6		5½/16	1000		920		
	20470-1	75A/RH			12/1	120-130	12	Frost, Rough House Ratings @ 120V = 70W	C, RC-9		5½/16	1000	1700	750		
	24353-5	75A21				12	120	Frost	C, C-6		5½/16	1000		730		
	BR 30	Med. ▲	24903-7	75BR30/FL/TF	120	12	Frost Silicone Coated, Reflector	C, CC-6		5½	2000		1100			
			24905-2	75BR30/AGRO	6/1	120	6	Agro-Lite Plant Light (87)	C, CC-6		5½	2000				
			24904-5	75BR30/B	8/1	120	8	Blue (87)	C, CC-6		5½	2000				
			24902-9	75BR30/PK	8/1	120	8	Pink (87)	C, CC-6		5½	2000				
			24899-7	75BR30/R	8/1	120	8	Red (87)	C, CC-6		5½	2000				
	ER 30	Med. ▲	\$ 20572-4	75ER30	120	24	Elliptical Reflector (19, 37, 87)	C, CC-6		6½	2000					
			\$ 29636-8	75ER30	130	24	Elliptical Reflector (19, 37, 87)	C, CC-6		6½	2000					
K-19	Med. ▲	☐ 22487-3	75K19/DL	6/2	120	12	Director®	C, CC-6		4½	1150		1000			
PAR 38	Med.Skt.	37408-2	75PAR38/2FL	120-130	12	*PAR Cool Beam Flood (52, 82)	C, CC-6		5½	2000		750				
		Med.Side	23245-4	75PAR/3FL	120	12	*PAR Compact Flood(32)	C, CC-6		4¼/16	2000		750			
		Prong	23246-2	75PAR/3SP	120	12	*PAR Compact Spot (32)	C, CC-6		4¼/16	2000		750			
R 20	Med.	☐ 35460-5	75R20	120	12	Lt. Frost, Reflector(87)	C, C-9		3½/16	2000	800					
\$ — CONSIDER 50BR19/25/SP or 50PAR20/H/NFL 120 VOLT FOR ENERGY SAVINGS																
85	BR 30	Med. ▲	24897-1	85BR30/FL55	12/1	120	12	Reflector Flood (87)	C, CC-6		5½	2000	700			
			24898-9	85BR30/SP20	12/1	120	12	Reflector Spot (87)	C, CC-6		5½	2000	3100			
	BR 40	Med. ▲	22527-6	85BR/FL60	120	24	Reflector Flood (87)	C, CC-6		6½	2000	700				
			\$ — CONSIDER 75ER30 120 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES													
			22528-4	85BR/FL60	130	24	Reflector Flood (87)	C, CC-6		6½	2000	700				
			\$ — CONSIDER 75ER30 130 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES													
			22542-5	85BR/FL60	8/1	120	8	Reflector Flood (87)	C, CC-6		6½	2000	700			
			22694-4	85BR/SP20	8/1	120	8	Reflector Spot (87)	C, CC-6		6½	2000	3100			

- ▲ — Aluminum Base
- † — Maximum Beam Candlepower
- ☐ — Exclusive Philips Product
- X — Orders will be shipped until inventory is depleted; no longer manufactured

- — Consider compact fluorescent lamps listed on pages 53-55 for energy savings
 - \$ — Energy Saving Product
- Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
90	A-19	Med. ▲	\$ 22243-0	100A-90A/EW	120	48	Frost, Econ-o-watt®	C, CC-6		4 ⁷ / ₁₆	750		1445		
			\$ — CONSIDER MARATHON™ COMPACT FLUORESCENT 23 WATT UNIVERSAL SLS FOR ENERGY SAVINGS												
			\$ 22244-8	100A-90A/EW	130	48	Frost, Econ-o-watt Ratings @ 120V = 79W	C, CC-6		4 ⁷ / ₁₆	750 2120		1415 1155		
					37390-2	100A-90A/99EW	120-130	48	Frost, Econ-o-watt, Extended Service Ratings @ 120V = 84W	C, CC-6		4 ⁷ / ₁₆	2500		1185
												4250		1105	
				Med.	\$ 37168-2	K90A19/TS/EW	120-125	120	Clear, Krypton Econ-o-watt Traffic Signal (12)	C, C-11V	2 ⁷ / ₁₆	4 ³ / ₈	8000		1040
					\$ 37615-2	K90A19/1/TS/EW	120-125	120	Clear, Krypton Econ-o-watt Traffic Signal (12)	C, C-11V	3	4 ³ / ₈	8000		1040
			☐ \$ 26829-2	90A21/35	130	60	Frost, Econ-o-watt Industrial Service Ratings @ 120V = 80W	C, C-9		5 ⁵ / ₁₆	3500 9987		1050 801		
100	A-19	Med. ▲	27086-8	100A 12/4	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	750		1650		
			37474-4	100A	120	48	Frost	C, CC-6		4 ⁷ / ₁₆	750		1600		
			\$ — CONSIDER MARATHON™ COMPACT FLUORESCENT 25 WATT UNIVERSAL SLS FOR ENERGY SAVINGS												
			37476-9	100A	130	48	Frost Ratings @ 120V = 88W	C, CC-6		4 ⁷ / ₁₆	750 2120		1560 1190		
			\$ — CONSIDER 100A-90A/EW 130 VOLT FOR ENERGY SAVINGS												
			22978-1	100A/99	120	48	Frost, Extended Service	C, CC-6		4 ⁷ / ₁₆	2500		1500		
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 25 WATT UNIVERSAL SLS FOR ENERGY SAVINGS												
			22979-9	100A/99	130	48	Frost, Extended Service Ratings @ 120V = 88W	C, CC-6		4 ⁷ / ₁₆	2500 7075		1470 1110		
			\$ — CONSIDER 100A-90A/99/EW 130 VOLT FOR ENERGY SAVINGS												
			20150-9	100A/CL 12/2	120	24	Clear	C, CC-6	3 ¹ / ₂	4 ⁷ / ₁₆	750		1625		
			37527-9	100A/CL	130	48	Clear Ratings @ 120V = 88W	C, CC-6	3 ¹ / ₂	4 ⁷ / ₁₆	750 2120		1720 1300		
			37492-6	100A/W 12/4	120	48	Soft White	C, CC-8		4 ⁷ / ₁₆	750		1690		
			\$ — CONSIDER MARATHON COMPACT FLUORESCENT 25 WATT UNIVERSAL SLS FOR ENERGY SAVINGS												
			37493-4	100A/W/TP 24/4	120	96	Soft White, Tra-Pak	C, CC-8		4 ⁷ / ₁₆	750		1690		
			☐ 26382-2	100A/WL 12/4	120	48	Longer Life Soft White	C, CC-8		4 ⁷ / ₁₆	950		1675		
\$ — CONSIDER MARATHON COMPACT FLUORESCENT 25 WATT UNIVERSAL SLS FOR ENERGY SAVINGS															
☐ 26606-4	100A/WL/TP 24/4	120	96	Longer Life Soft White	C, CC-8		4 ⁷ / ₁₆	950		1675					
☐ 22581-3	100A/YL 12/2	120	24	Bug-A-Way® Yellow, Longer Life	C, CC-6		4 ⁷ / ₁₆	1350							
\$ — CONSIDER MARATHON COMPACT FLUORESCENT 15 WATT BUG-A-WAY EL/O BAW FOR ENERGY SAVINGS															
		Med.L.H.T.	37414-0	100A/LHT	120-130	48	Frost (18)	C, CC-6		4 ⁷ / ₁₆	750		1560		

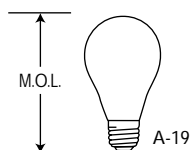
▲ — Aluminum Base

† — Maximum Beam Candlepower

☐ — Exclusive Philips Product

\$ — Energy Saving Product

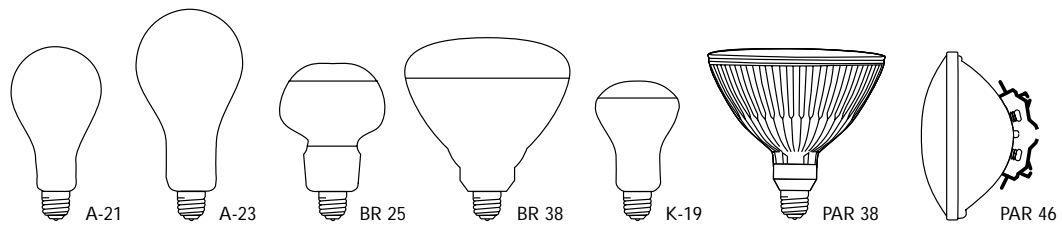
Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens	
											Hours Life	MBCP*		
100	A-21	Med. ▲	34803-7	100A	12	120	Frost	C, C-6		5 ⁵ / ₁₆	1000	2050		
			34781-5	100A	34	120	Frost, Train	C, C-6		5 ⁵ / ₁₆	1000	1940		
			28171-7	100A21	120-130	120	Frost	C, CC-8		5 ⁵ / ₁₆	750 1280	1680 1463		
			30051-7	100A21/TF	120	120	Frost Silicone Coated	C, CC-8		5 ⁵ / ₁₆	750			
			29956-0	100A	230	120	Frost	C, CC-9		5 ⁵ / ₁₆	1000	1270		
			29955-2	100A	250	120	Frost	C, CC-9		5 ⁵ / ₁₆	1000	1270		
			24661-1	100A	277	120	Frost, Mine	C, CC-9		5 ⁵ / ₁₆	1000	1070		
			37460-3	100A21/99	120-130	60	Frost, Extended Service	C, CC-8		5 ⁵ / ₁₆	2500 4250	1475 1280		
			X	35717-8	100A/D	120	60	Frost, Daylight	C, C-9		5 ⁵ / ₁₆	750	900	
				38026-1	100A/D	120	60	Frost, Daylight	C, C-9		5 ⁵ / ₁₆	750	900	
			X	23944-2	100A/1SBIF	120	120	Frost Silvered Bowl (43, 64)	C, CC-6		5 ⁵ / ₁₆	1000	1420	
				37969-3	100A/1SBIF	120	120	Frost Silvered Bowl (43, 64)	C, CC-6		5 ⁵ / ₁₆	1000	1420	
				27985-1	100A/RS/TF	120-130	60	Frost Silicone Coated, Rough Service	C, RC-9		5 ⁵ / ₁₆	1000		
				27550-3	100A/RS	250	60	Frost, Rough Service	C, RC-9		5 ⁵ / ₁₆	1000	1030	
			X	27605-5	100A/RS/TF	250	60	Frost Silicone Coated, Rough Service	C, RC-9		5 ⁵ / ₁₆	1000		
			●	27560-2	100A/CL/RS/VS	120-130	60	Clear, Rough & Vib. Service	C, RC-9	3 ³ / ₄	5 ⁵ / ₁₆	1000 1700	1100 945	
			Med.	☐	37411-6	100A21/35	120-130	60	Frost, Industrial Service	C, C-9		5 ⁵ / ₁₆	3500 5975	1175 1015
				☐	25838-4	100A21/35/TF	120	60	Frost Silicone Coated, Industrial Service (14)	C, C-9		5 ⁵ / ₁₆	3500	
					27569-3	100A/RS/VS/BR	120-130	60	Frost, Rough & Vib. Service	C, RC-9		5 ⁵ / ₁₆	1000 1700	1230 945
					22390-9	100A21/TS	130	120	Clear, Traffic Signal (12)	C, C-9	2 ² / ₁₆	4 ⁴ / ₁₆	2000	1260
			Med.L.H.T.		22300-8	100A/3	120	120	Frost (18)	C, CC-8		5 ⁵ / ₁₆	750	1750
			Med.Pf.		22310-7	100A21P	120	60	Aviation-Airport Marker (12)	C,CC-2V	2 ² / ₁₆	5 ⁵ / ₁₆	2000	
A-23	Med. ▲		22430-3	100A23	120	120	Frost	C, CC-6		6 ⁶ / ₁₆	750	1730		
			22422-0	100A23/R	120	60	Red	C, CC-6		6 ⁶ / ₁₆	750			
BR 25	Med. ▲ X ☐		31572-1	100BR25/25°	120	8	Spotlight Reflector (87)	CC-11		4 ⁴ / ₁₆	2000			
BR 38	Med.		38531-0	100PAR/1/A	6/1	120	★Amber PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
			38532-8	100PAR/1/B	6/1	120	★Blue PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
			38530-2	100PAR/1/G	6/1	120	★Green PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
			38534-4	100PAR/1/PK	6/1	120	★Pink PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
			38529-4	100PAR/1/R	6/1	120	★Red PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
			38766-2	100PAR/1/Y	6/1	120	★Yellow PAR (29, 82)	C, CC-6		5 ⁵ / ₁₆	2000			
K-19	Med. ▲ ☐		22491-5	100K19/DL	6/2	120	Director®	C, CC-6		4 ⁴ / ₁₆	1150	1440		
PAR 38	Med. Skt.		22191-1	100PAR38/HEAT/CL	120	15	Clear, ★PAR Infrared	C, C-9		5 ⁵ / ₁₆	(27)			
PAR 46	M-P.		22951-8	100PAR46	60	12	★PAR Mine Lamp, Lens Cover	C,CC-2V		3 ³ / ₁₆	800	1240		

- ▲ — Aluminum Base
 - † — Maximum Beam Candlepower
 - X — Orders will be shipped until inventory is depleted; no longer manufactured
 - ☐ — Exclusive Philips Product
 - — Consider compact fluorescent lamps listed on pages 53-55 for energy savings
- Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
100	R 20	Med. ■	<input type="checkbox"/>	33703-0	100R20/FL/S	12	60	Reflector Flood Swimming Pool (12, 26)	C, C-6		3 ¹⁵ / ₁₆	2000			
			<input type="checkbox"/>	22135-8	100R20	120-130	12	Reflector, Lt. Frost (12, 87)	C, C-9		3 ¹⁵ / ₁₆	2000			
100 200 300	PS-25	3 Ct. Mog. ▲		36734-2	100/300/W	12/1	120	12	Soft White Three-Way (8)	C, 2CC-6	6 ¹³ / ₁₆	1200		1320 3300 4620	
116	A-21	Med.		22483-2	116A21/TS		120	120	Traffic Signal, Clear (12)	C, C-9	2 ⁷ / ₁₆	4 ⁷ / ₁₆	8000		1260
				22485-7	116A21/TS		130	120	Traffic Signal, Clear (12)	C, C-9	2 ⁷ / ₁₆	4 ⁷ / ₁₆	8000		1260
120	BR 40	Med. ▲		22533-4	120BR/FL60	8/1	120	8	Reflector Flood (87)	C, CC-6		6 ¹ / ₂	2000	1000	1150
				22541-7	120BR/FL60		120	24	Reflector Flood (87)	C, CC-6		6 ¹ / ₂	2000	1000	1150
			\$ — CONSIDER 75ER30 or 60 PAR38/H/FL 120 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES												
				22532-6	120BR/FL60		130	24	Reflector Flood (87)	C, CC-6		6 ¹ / ₂	2000	1000	1150
			\$ — CONSIDER 75ER30 or 60 PAR38/H/FL 130 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES												
				22534-2	120BR/SP20	8/1	120-130	8	Reflector Spot (87)	C, CC-6		6 ¹ / ₂	2000	4600	1250
			\$ — CONSIDER 90PAR38/H/SP or 60PAR38/H/SP 120 VOLT FOR ENERGY SAVINGS												
	22544-1	120BR/SP20		120-130	24	Reflector Spot (87)	C, CC-6		6 ¹ / ₂	2000	4600	1250			
	ER 40	Med. ▲	\$	21562-4	120ER40		120	24	Elliptical Reflector (19, 37, 87)	C, CC-6		7 ³ / ₁₆	2000		
			\$	21565-7	120ER40		130	24	Elliptical Reflector (19, 37, 87)	C, CC-6		7 ³ / ₁₆	2000		
124	A-21	Med.	<input type="checkbox"/>	20556-7	124A21/RR/TS		120	20	Clear, Ring Reflector Traffic Signal	C, C7A	3	4 ⁷ / ₁₆	8000		1150
				20557-5	124A21/RR/TS		125	20	Clear, Ring Reflector Traffic Signal	C, C7A	3	4 ⁷ / ₁₆	8000		1125
				20558-3	124A21/RR/TS		130	20	Clear, Ring Reflector Traffic Signal	C, C7A	3	4 ⁷ / ₁₆	8000		1100
125	BR 40	Med. ▲		28722-7	125BR40/1	12/1	120	12	Clear, Infrared (88, 87)	C, C-9		6 ¹ / ₂	(27)		
	T-10	Med. Pf.		23640-6	125T10P		120	24	Spotlight (8)	C, C-13B	2 ³ / ₁₆	5 ³ / ₄	500		1740
135	A-21	Med. ▲	\$	28175-8	150A-135A/EW		120-130	60	Frost, Econ-o-watt® Ratings @ 120V = 127W	C, CC-8		5 ⁵ / ₁₆	750	2490	
			\$	37464-5	150A-135A/99/EW		120-130	60	Frost, Econ-o-watt Ratings @ 120V = 126W	C, CC-8		5 ⁵ / ₁₆	2500	2030	
			\$	37616-0	K135A21/TS/EW		120-125	120	Clear, Krypton Econ-o-watt Traffic Signal (12)	C, C-11V	3	4 ¹¹ / ₁₆	8000	1750	
	A-25	Med.	X <input type="checkbox"/>	26836-7	135A25/35		130	60	Econ-o-watt Industrial Service, Frost Ratings @ 120V = 119W	C, C-9		6 ¹⁵ / ₁₆	3500	1865	
											9987		1423		

▲ — Aluminum Base

† — Maximum Beam Candlepower

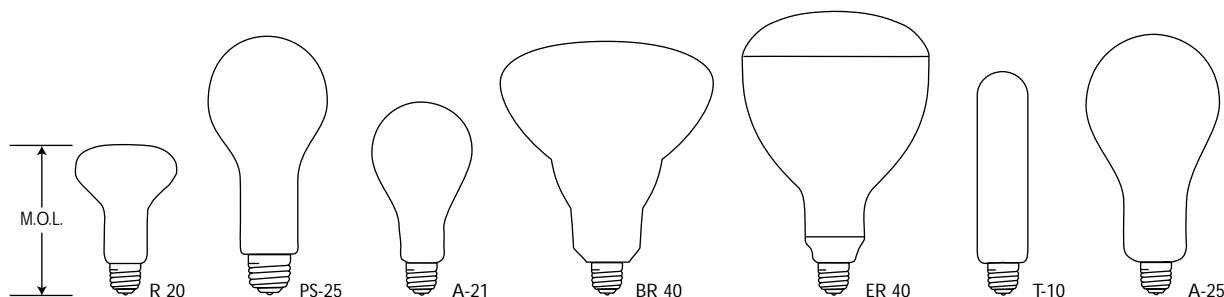
■ — Nickel Plated Brass Base

X — Orders will be shipped until inventory is depleted; no longer manufactured

\$ — Energy Saving Product

— Exclusive Philips Product

Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens		
											Hours Life	MBCP*			
150	A-21	Med. ▲	27003-3	150A	120	48	Frost	C, CC-8		5 1/16	750		2850		
			\$ — CONSIDER 150A-135A/EW 120-130 VOLT FOR ENERGY SAVINGS												
			27069-4	150A	130	48	Frost	C, CC-8		5 1/16	750		2800		
			Ratings @ 120V = 133W												
			\$ — CONSIDER 150A-135A/EW 120-130 VOLT FOR ENERGY SAVINGS												
			37417-3	150A/99	120-130	60	Frost, Extended Service (82)	C, CC-8		5 1/16	2500		2445		
			Ratings @ 120V = 141W												
			\$ — CONSIDER 150A-135A/99/EW 120-130 VOLT FOR ENERGY SAVINGS												
			36659-1	150A/CL	12/1	120	12	Clear (82)	C, CC-8	3 7/8	5 1/16	750		2850	
			37418-1	150A/CL		120-130	60	Clear (82)	C, CC-8	3 7/8	5 1/16	750		2815	
			Ratings @ 120V = 141W												
			32274-3	150A21/RS/TF		120	60	Rough Service (82)	C, C-6		5 1/16	1000			
			27983-6	150A21/RS/TF		120-130	60	High-Temp. Coating	C, RC-9		5 1/16	1000			
			27578-4	150A21/RS/BR		120-130	60	Frost, Rough & Vib. Service	C, RC-9		5 1/16	1000		2205	
			Ratings @ 120V = 141W												
27586-7	150A21/CL/RS/VS		120-130	60	Clear, Rough & Vib. Service	C, RC-9	3 7/8	5 1/16	1000		2200				
Ratings @ 120V = 141W															
<input type="checkbox"/>	20443-8	150A/WL	12/1	120	12	Longer Life Soft White	C, CC-8		5 1/16	1000		2650			
<input type="checkbox"/>	32357-6	150A/DL	12/1	120	12	Director® (8)	C, CC-8		5 1/16	1000					
●	27588-3	150A/35/RS/BR		120-130	60	Frost, Industrial Rough Service	C, RC-9	3 3/4	5 15/16	3500		1640			
Ratings @ 120V = 141W															
A-23	Med.L.H.T.		28170-9	150A23/LHT	120-130	60	Frost (18)	C, CC-8		6 1/16	750		2850		
	Med. ▲		37419-9	150A23/CL	120-130	60	Clear	C, CC-8	4 5/8	6 1/16	750		2855		
Ratings @ 120V = 141W															
A-25	Med.	<input type="checkbox"/>	37421-5	150A25/35	120-130	60	Frost, Industrial Service	C, C-9		6 1/16	3500		1825		
Ratings @ 120V = 141W															
		<input type="checkbox"/>	22965-8	150A25/35/TF	120	60	Industrial Service (14), Frost Silicone Coated	C, C-9		6 15/16	3500				
P-25	Med.		24938-3	150P25/2SB	120	60	Clear, Spotlight, Silvered Bowl (31)	C, C-5		4 3/4	200				
			23654-7	150P25/10	120	60	Light Frost, Spotlight (23)	C, C-5	3	4 3/4	200		2100		
BR 38	Med.		38568-2	150PAR/1/5FL	130	12	*PAR Flood, Anti-Vibration (90)	C, CC-11		5 1/16	5000				
PAR 38	Med.Skt.		37423-1	150PAR38/2FL	120-130	12	*PAR Cool Beam Flood (4, 52, 12)	C, CC-6		5 1/16	2000				
	Med.Side		37424-9	150PAR/3FL	120-130	12	*PAR Comp. Flood (32, 90)	C, CC-6		5 1/16	2000				
	Prong		26980-3	150PAR/3VWFL	120-130	12	*PAR Very Wide Flood Mine (32, 71, 90)	C, C-13		4 1/16	2000				
			24440-0	150PAR/3SP	120-130	12	*PAR Comp. Spot (32, 90)	C, CC-6		4 1/16	2000				
			23334-6	150PAR/4FL	120-130	12	*PAR Flood, Anti-Vibration (32, 71, 90)	C, C-13		4 1/16	2000				

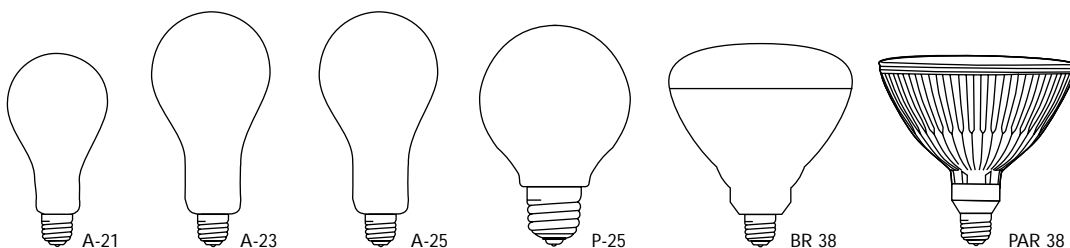
▲ — Aluminum Base

• — Maximum Beam Candlepower

— Exclusive Philips Product

● — Consider compact fluorescent lamps listed on pages 53-55 for energy savings

Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens
											Hours Life	MBCP*	
150	PAR 46	M-P.	23340-3	150PAR46/1	32	12	★PAR Headlight, Rounded Cover	C, CC-8		3 7/8	1000		
			23345-2	150PAR46	120-130	12	★PAR Mine Locomotive Headlight (33)	C, C-13		3 7/8	1000		
	PS-25	Med. ▲	28173-3	150	120-130	60	Frost Ratings @ 120V = 141W	C, C-9		6 15/16	750 1280		2460 2143
			28174-1	150PS25/99	120-130	60	Frost, Extended Service Ratings @ 120V = 141W	C, C-9		6 15/16	2500 4268		2080 1812
			30056-6	150PS25/TF	120	60	Frost Silicone Coated	C, C-9		6 15/16	1000		
			24684-3	150PS25/99CL	250	60	Clear, Extended Service	C, CC-9		6 15/16	2500		1840
	PS-35	3 Ct. Mog	23659-6	150/400	120	24	Frost, Hospital	C, 2C-7A		9 3/8	200		
			BR 40	Med. ▲	22736-3	150BR/B	120	24	Blue (87)	C, CC-6		6 1/2	2000
	22733-0	150BR/PK	120		24	Pink (87)	C, CC-6		6 1/2	2000			
	22730-6	150BR/R	120		24	Red (87)	C, CC-6		6 1/2	2000			
	22651-4	150BR/Y	120		24	Yellow (87)	C, CC-6		6 1/2	2000			
	22725-6	150BR/AGRO 6/1	120		6	Agro-Lite Plant Light (87)	C, CC-6		6 1/2	2000			
175	PAR 38	Med. Skt.	32900-3	175PAR38/HEAT	120	15	Clear, ★PAR Infrared	C, C-9		5 5/8	(27)		
			27097-5	175PAR38/HEAT/R	120	15	Red, ★PAR Infrared	C, C-9		5 5/8	(27)		
200	A-21	Med. ▲	20447-9	200A/WL 12/1	120	12	Longer Life Soft White (8, 82)	C, CC-8		5 5/8	1000		3675
			A-23	Med. ▲	36289-7	200A	120	60	Frost	C, CC-8		6 5/8	750
	36291-3	200A	130		60	Frost Ratings @ 120V = 177W	C, CC-8		6 5/8	750 2120		3800 2865	
	36144-4	200A/CL 12/1	120		12	Clear	C, CC-8	4 5/8	6 5/8	750		3850	
	37427-2	200A/CL	120-130		60	Clear Ratings @ 120V = 187W	C, CC-8	4 5/8	6 5/8	750 1275		3815 3310	
	28176-6	200A/99	120-130		60	Frost, Extended Service Ratings @ 120V = 188W	C, CC-8		6 5/8	2500 4268		3500 3014	
	A-25	Med.	39813-1	200A25/35	130	60	Frost, Extended Service Ratings @ 120V = 177W	C, C-9		6 15/16	3500 9987		2690 2052
	BR 40	Med. ▲	22654-8	200BR/FL	120	24	Reflector Flood (87)	C, C-9		6 1/2	2000		
	PAR 46	Med. Side Prong	23349-4	200PAR46/3MFL	120	12	★PAR Med. Flood (9, 32, 90)	C, CC-13		4	2000		
	PAR 56	M-P	23371-8	200PAR56	30	8	★PAR Headlight (10) R.R	C, CC-6/ CC-9		4 1/2	500		
			Mog. End Prong	28956-1	200PAR56/MFL	120	8	★PAR Med. Flood (9, 55, 90)	C, CC-13		5	2000	
	PS-25	Med. ▲	34974-6	200/IF	250	60	Frost	C, CC-9		6 15/16	1000		3000
			34976-1	200	277	60	Clear, Mine	C, CC-9	5 1/4	6 15/16	1000		2650
			36116-2	200/99IF	250	60	Frost, Extended Service	C, CC-9		6 15/16	2500		2650
			22708-2	200/IF	120	60	Frost	C, C-9		8 7/8	750		3710
			22735-5	200/IF	130	60	Frost Ratings @ 120V = 177W	C, C-9		8 7/8	750 2120		3710 2825
			24397-2	200	32	60	Clear	C, C-6		8 7/8	1000		3800
			22701-7	200	120	60	Clear	C, C-9	6	8 7/8	750		3710
			22729-8	200	130	60	Clear Ratings @ 120V = 177W	C, C-9	6	8 7/8	750 2120		3710 2825
	30059-0	200/TF	120	60	Frost Silicone Coated	C, C-9		8 7/8	750				

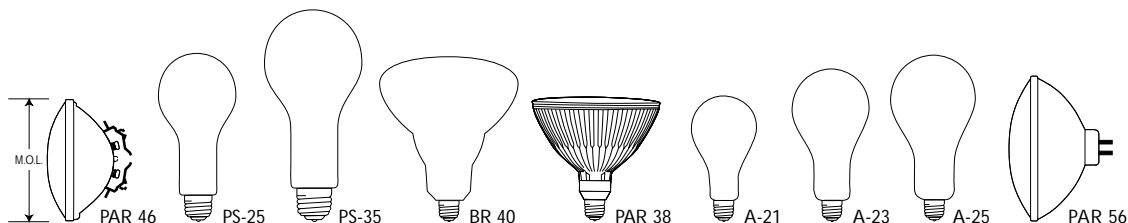
▲ — Aluminum Base

♦ — Maximum Beam Candlepower

\$ — Energy Saving Product

□ — Exclusive Philips Product

Footnotes located on page 47



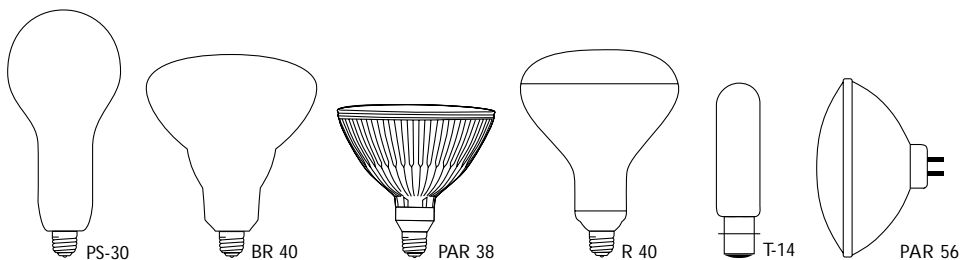
Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. ♦	Description	Class and Filament	L.C.L. (In.)	MOL (In.)	Approximate		Lumens	
											Hours Life	MBCP*		
200	PS-30	Med. ▲	22737-1	200/99IF	130	60	Frost, Extended Service Ratings @ 120V = 177W	C, C-9		8 1/16	2500 7134		2975 2270	
			37430-6	200/99	120-130	60	Clear, Extended Service Ratings @ 120V = 187W	C, C-9	6	8 1/16	2500 4250		3200 2641	
			37431-4	200/SBIF	120-130	60	Frost, Silvered Bowl (31, 43)	C, C-9		8 1/16	1000		3320	
			22704-1	200PS30/23	120	60	Frost, Rough Service	C, C-9		8 1/16	1000		3500	
			22732-2	200PS30/23	130	60	Frost, Rough Service Ratings @ 120V = 177W	C, C-9		8 1/16	1000 2830		3500 2670	
			22698-5	200PS30/24	120	60	Clear, Rough Service	C, C-9	6	8 1/16	1000		3500	
			22726-4	200PS30/24	130	60	Clear, Rough Service Ratings @ 120V = 177W	C, C-9	6	8 1/16	1000 2830		3500 2670	
			30022-8	200PS30/RS/TF	120	60	Frost, Rough Service Silicone Coated	C, C-9		8 1/16	1000			
			24717-1	200PS30/RS	250	60	Clear, Rough Service	C, C-9	6	8 1/16	1000		2850	
			Med. ☐	22995-5	200/35/TF	120	60	Industrial Service (14), Frost Silicone Coated	C, C-9		8 1/16			3500
Mog.	22751-2	200PS30/12	130	60	Clear Ratings @ 120V = 177W	C, C-9	6 3/8	8 1/16	750 2140		3650 2785			
250	BR 40	Med. ▲	28721-9	250BR40/1	12/1	120	12	Reflector Infrared, Clear (87, 88)	C, C-9		6 1/2	(27)		
			Med. Skt.	24535-7	250BR40/4	120	24	Reflector Infrared, Indust., Clear (87, 88)	C, C-9		7 1/4	(27)		
	\$ — CONSIDER 175PAR38/HEAT 120 VOLT FOR ENERGY SAVINGS													
	PAR 38	Med. Skt. ☐		37432-2	K250PAR38/FL	120-130	12	12	*PAR Floodlight (Krypton) (53, 82)	C, CC-6		5 5/16	4000	3100
				37433-0	K250PAR38/SP	120-130	12	12	*PAR Spotlight (Krypton) (53, 82)	C, CC-6		5 5/16	4000	3100
	R 40	Med. ▲		28719-3	250R40/HR	12/1	120	12	*Heat Ray, Red Bowl (89)	C, C-9		6 7/8	(27)	
\$ — CONSIDER 175PAR38/HEAT/R 120 VOLT FOR ENERGY SAVINGS														
T-14	Med.		33505-9	250T14/1	120	24	24	Spotlight, Clear (8)	C, C-7A		5 1/2	800	3750	
300	BR 40	Med. ▲	37441-3	300BR/FL	120-130	24	24	Reflector Flood (9, 19, 31, 37)	C, CC-11		6 1/2	2000		
			\$ — CONSIDER 120ER40 120 VOLT FOR ENERGY SAVING IN DEEP RECESSED LUMINAIRES											
				37442-1	300R/FL/1	120-130	24	24	*Reflector Flood (31, 37, 51)	C, CC-11		6 3/4	2000	
	PAR 56	M-P		26084-4	300PAR56/WFL	12	8	8	*PAR Wide Flood, Swimming Pool (84)	C, C-6		4 1/2	1000	
			Mog. End	23382-5	300PAR56/MFL	120	8	8	*PAR Med. Flood (9, 55)	C, CC-13		5	2000	
	Prong			23405-4	300PAR56/MFL	130	8	8	*PAR Med. Flood (9, 55)	C, CC-13		5	2000	
				23388-2	300PAR56/WFL	120	8	8	*PAR Wide Flood (9, 55)	C, CC-13		5	2000	
				23410-4	300PAR56/WFL	130	8	8	*PAR Wide Flood (9, 55)	C, CC-13		5	2000	
			23378-3	300PAR56/NSP	120	8	8	*PAR Narrow Spotlight (9, 46, 55)	C, CC-13		5	2000		

▲ — Aluminum Base

☐ — Exclusive Philips Product

♦ — Maximum Beam Candlepower

Footnotes located on page 47



Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL. (In.)	Approximate		Lumens			
											Hours Life	MBCP*				
300	PS-25	Med. ▲	36259-0	300M/IF	12/1	120	12	Frost	C, CC-8		6 ¹⁵ / ₁₆	750		6300		
			28177-4	300M/IF		120-130	60	Frost	C, CC-8		6 ¹⁵ / ₁₆	750		6230		
			37151-8	300M		120	60	Clear	C, CC-8	5 ¹ / ₄	6 ¹⁵ / ₁₆	750		6280		
			37153-4	300M		130	60	Clear	C, CC-8	5 ¹ / ₄	6 ¹⁵ / ₁₆	750		6280		
			35008-2	300M/99IF		120	60	Frost, Extended Service	C, CC-8		6 ¹⁵ / ₁₆	2500		5060		
			35009-0	300M/99IF		130	60	Frost, Extended Service	C, CC-8		6 ¹⁵ / ₁₆	2500		5060		
			35007-4	300M/99		130	60	Clear, Extended Service	C, CC-8	5 ¹ / ₄	6 ¹⁵ / ₁₆	2500		5300		
		PS-30	Med. ▲	22783-5	300M/PS30IF		120	60	Frost	C, C-9		8 ¹ / ₁₆	750		6100	
	22808-0			300M/PS30IF		130	60	Frost	C, C-9		8 ¹ / ₁₆	750		6100		
	22779-3			300M/PS30		120	60	Clear	C, C-9	6	8 ¹ / ₁₆	750		6100		
	22802-3			300M/PS30		130	60	Clear	C, C-9	6	8 ¹ / ₁₆	750		6100		
			Med. □	39798-4	300M/PS30/35		130	60	Frost, Industrial Service	C, C-9		8 ¹ / ₁₆	3500		4420	
			Mog. ▲	37438-9	300/2IF		120-130	24	Frost	C, CC-8		8 ⁵ / ₁₆	1000		6000	
				37439-7	300/2		120-130	24	Clear	C, CC-8	7	8 ⁵ / ₁₆	1000		6000	
		PS-35	Mog.	39658-0	300/RSIF		120	24	Frost, Rough Service	C, C-9		9 ¹ / ₁₆	1000		5250	
	39661-4			300/RS		130	24	Clear, Rough Service	C, C-9	7	9 ¹ / ₁₆	1000		5185		
	22898-1			300/99IF		130	24	Frost, Extended Service	C, C-9		9 ¹ / ₁₆	2500		5020		
	22890-8			300/99		130	24	Clear, Extended Service	C, C-9	7	9 ¹ / ₁₆	2500		5070		
	39800-8			300PS35/35		130	24	Frost, Industrial Service	C, C-9		9 ¹ / ₁₆	3500		4420		
			Mog. ▲	22869-2	300/IF		120	24	Frost	C, C-9		9 ¹ / ₁₆	1000		5700	
	22897-3			300/IF		130	24	Frost	C, C-9		9 ¹ / ₁₆	1000		5700		
	22862-7			300		120	24	Clear	C, C-9	7	9 ¹ / ₁₆	1000		5700		
	22889-0			300		130	24	Clear	C, C-9	7	9 ¹ / ₁₆	1000		5700		
	24759-3			300		277	24	Clear	C, CC-9	7	9 ¹ / ₁₆	1000		4300		
			Med.Skt.	23961-6	300MS/SBIF		130	24	Silvered Bowl, Frost	C, C-9		9 ¹ / ₁₆	1000		5100	
		R 40	Med. ■ □	33710-5	300R/FL/1		12	24	★Reflector Flood, Frost, Swimming Pool	C, C-2V		6 ³ / ₁₆	2000			
				Mog.	23551-5	300R/3FL		120	24	★Reflector Flood (51)	C, CC-11		7 ¹ / ₄	2000		
						23557-2	300R/3FL		130	24	★Reflector Flood (51)	C, CC-11		7 ¹ / ₄	2000	
					24760-1	300R/3FL		250	24	★Reflector Flood (19)	C, C-7A		7 ¹ / ₄	2000		

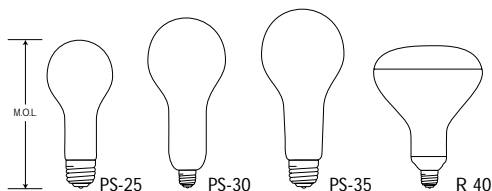
▲ — Aluminum Base

♦ — Maximum Beam Candlepower

■ — Nickel Plated Brass Base

□ — Exclusive Philips Product

Footnotes located on page 47

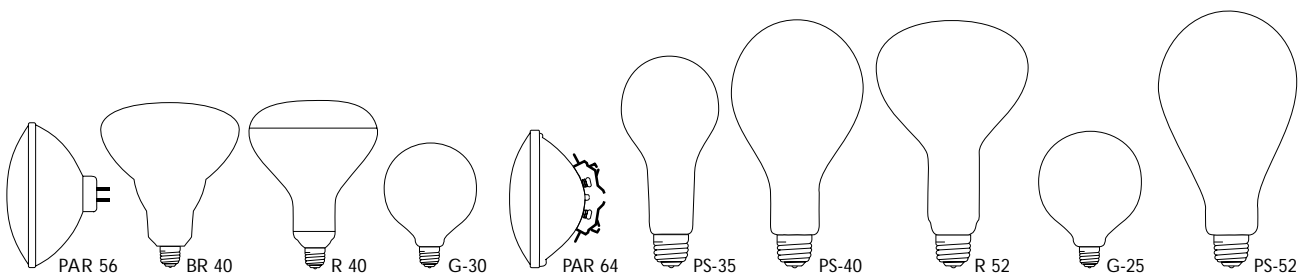


Incandescent Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL. (In.)	Approximate		Lumens	
											Hours Life	MBCP*		
350	PAR 56	M.P.	22904-7	350PAR56/SP	75	8	★Train Light			4½	500	200,000		
375	BR 40	Med.Skt.	24550-6	375BR40	120	24	Clear, Reflector Industrial (19, 31)	C, C-7A		7¼	(27)			
	R 40	Med.Skt.	23840-2	375R40/1	120	24	★Clear Reflector Infrared, Indust. (11, 31)	C, C-7A		7½	(27)			
400	G-30	Med. ■	37443-9	400G/FL	120-130	60	Clear Floodlight (12, 22)	C, C-7A	3	5½	800		6760	
	R 40	Med. ■	31069-8	400R40/FL	120	24	Swimming Pool (12, 19, 31, 53)	C, C-7A	3¾	6¾	2000			
500	PAR 64	Ext. Mog	23417-9	500PAR64/MFL	120	8	★PAR Med. Flood (9,55)	C,CC-13		6	2000			
		End Prong	23416-1	500PAR64/NSP	120	8	★PAR Narrow Spot (9, 46, 55)	C,CC-13		6	2000			
	PS-35	Mog.	37446-2	500	120-130	24	Clear	C, CC-9	7	9¾	1000		10,750	
			37447-0	500/IF	120-130	24	Frost	C, CC-9	7	9¾	1000		10,750	
			37448-8	500/99	120-130	24	Clear, Extended Service	C, CC-9	7	9¾	2500		8750	
			35016-5	500/99IF	130	24	Frost, Extended Service Ratings @ 120V = 442W	C, CC-9		9¾	2500	7134	9700	7401
	PS-40	Mog.	24773-4	500	250	24	Clear	C, CC-9	7	9¾	1000		9100	
			24780-9	500	277	24	Clear	C, CC-9		9¾	1000		7700	
			22932-8	500PS40	120	24	Clear	C, C-9	7	9¾	1000		10,100	
			22960-9	500PS40/IF	130	24	Frost Ratings @ 120V = 442W	C, C-9		9¾	1000	2854	10,700	8164
			23975-6	500/SBIF	120	24	Frost, Silvered Bowl (14, 31)	C, C-9		9¾	1000		9500	
			22957-5	500/RS	130	24	Clear, Rough Service Ratings @ 120V = 442W	C, C-9	7	9¾	1000	2854	9350	7134
	R 40	Mog.	37450-4	500R/3FL	120-130	24	★Frost, Reflector Flood (51, 53)	C,CC-11		7¼	2000			
			24783-3	500R/3FL	250	24	★Frost, Reflector Flood Special Service (19)	C, C-7A		7¼	2000			
		Med. ■	33730-3	500R/3FL/2S	130	24	Swimming Pool (12, 19, 31, 53) Ratings @ 120V = 442W	C, C-7A		6¾	2000	5707	6120	4669
	R 52	Mog.	37518-8	500R52	120-130	12	Reflector Wide Beam	C, C-7A		11¾	2000			
620	PS-40	Mog. Pf.	37451-2	620PS40P	120-130	24	Code Beacon	C, C-7A	5 ¹¹ / ₁₆	10 ⁷ / ₁₆	3000		11,000	
750	PS-52	Mog.	31204-1	750	130	12	Clear Ratings @ 120V = 663W	C,CC-8	9½	13 ¹ / ₁₆	1000	2854	16,700	12,741
			32401-2	750	250	12	Clear	C, C-7A	9½	13 ¹ / ₁₆	2000		13,600	
			31356-9	750/99	130	12	Clear, Extended Service Ratings @ 120V = 663W	C, C-7A	9½	13 ¹ / ₁₆	2500	7134	14,000	10,681
			32303-0	750R52	130	12	Reflector Wide Beam (9, 19, 54) Ratings @ 120V = 663W	C, C-7A		11¾	2000	5707	12,700	9690
1000	G-25	Med.	23043-3	1M/G25/1	120	12	★Diving, Underwater Burning Only (2)	C, C-5	3%	5½	50		24,500	
	PS-52	Mog.	37519-6	1000	120-130	12	Clear	C, CC-8	9½	13 ¹ / ₁₆	1000		23,100	
1500	PS-52	Mog.	37520-4	1500	120-130	12	Clear (56)	C, C-7A	9½	13 ¹ / ₁₆	1000		33,300	
			31393-2	1500/99	130	12	Clear, Extended Ser.(56)	C, C-7A	9½	13 ¹ / ₁₆	2500		30,200	

- † — Maximum Beam Candlepower
- — Nickel Plated Brass Base

Footnotes located on page 47



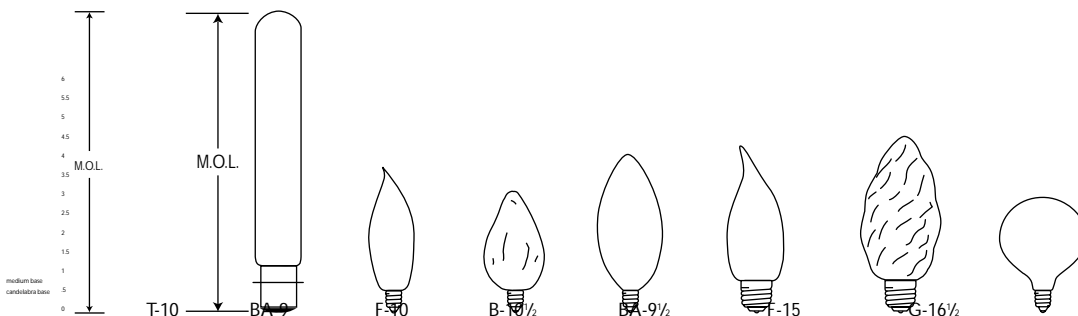
Philinea Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
60	T-10	2XS14s	<input type="checkbox"/> 34589-2	60T10/White	125-130	25	White, Philinea	B, C-8		19 ¹ / ₁₆	1500		400

Decorative Lamps (Blister-Carded)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
15	BA-9	Cand. ▲	32957-3	BC-15BA9C/LL 6/2	120	12	Clear, Long Life, Bent Tip (12)	B, C-7A		3 ³ / ₁₆	2000		
	F-10	Cand. ▲	32964-9	BC-15F10C/LL 6/2	120	12	Clear, Long Life, Flame (12)	B, C-7A		3 ¹ / ₁₆	2000		
			32965-6	BC-15F10C/ALL 6/2	120	12	Amber, Long Life, Flame (12)	B, C-7A		3 ¹ / ₁₆	2000		
25	B-10 ¹ / ₂	Cand. ▲	32967-2	BC-25B10 ¹ / ₂ /LL 6/2	120	12	Clear, Long Life, Blunt Tip (12)	C, C-7A		4 ¹ / ₁₆	2000		
	BA-9	Cand. ▲	23158-9	BC-25BA9C/LL 6/2	120	12	Clear Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
			27800-2	BC-25BA9C/LL/4 6/4	120	24	Clear Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
			25326-0	BC-25BA9C/FLL 6/2	120	12	Frost Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
	BA-9 ¹ / ₂	Med. ▲	32958-1	BC-25BA9 ¹ / ₂ /LL 6/2	120	12	Clear, Long Life, Bent Tip (12)	C, CC-2V		4 ¹ / ₁₆	2000		
	F-10	Cand. ▲	32966-4	BC-25F10C/LL 6/2	120	12	Clear, Long Life, Flame (12)	B, C-7A		3 ¹ / ₁₆	2000		
	F-15	Med.	23144-9	BC-25F15/LL 6/2	120	12	Clear, Longer Life, Flame (12)	B, C-9		4 ¹ / ₂	2000		
		Med. ▲	32970-6	BC-25F15/ALL 6/2	120	12	Amber, Long Life, Flame (12)	B, C-9		4 ¹ / ₂	2000		
	G-16 ¹ / ₂	Cand. ▲	23143-1	BC-25G16 ¹ / ₂ C/LL 6/2	120	12	Clear, Longer Life, Globe (12)	B, C-7A		3	2000		
			23140-7	BC-25G16 ¹ / ₂ C/WLL 6/2	120	12	White, Longer Life, Globe (12)	B, C-7A		3	2000		
40	B-10 ¹ / ₂	Cand. ▲	32968-0	BC-40B10 ¹ / ₂ /LL 6/2	120	12	Clear, Long Life, Blunt Tip (12)	C, C-7A		4 ¹ / ₁₆	2000		
	BA-9	Cand. ▲	23176-1	BC-40BA9C/LL 6/2	120	12	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
			27801-0	BC-40BA9C/LL/4 6/4	120	24	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
			25325-2	BC-40BA9C/FLL 6/2	120	12	Frost, Longer Life, Bent Tip (12)	C, CC-2V		4 ³ / ₁₆	2000		
	BA-9 ¹ / ₂	Med. ▲	23189-4	BC-40BA9 ¹ / ₂ /LL 6/2	120	12	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4 ¹ / ₁₆	2000		
			27805-1	BC-40BA9 ¹ / ₂ /LL/4 6/4	120	24	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4 ¹ / ₁₆	2000		
			22160-6	BC-40BA9 ¹ / ₂ /FLL 6/2	120	12	Frost, Longer Life, Bent Tip (12)	C, CC-2V		4 ¹ / ₁₆	2000		

- ▲ — Aluminum Base
 - — Exclusive Philips Product
 - † — Maximum Beam Candlepower
- Footnotes located on page 47



Decorative Lamps, continued (Blister-Carded)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
40	F-15	Med. ▲	23145-6	BC-40F15/LL 6/2	120	12	Clear, Longer Life, Flame (12)	C, C-9		4½	2000		
			32972-2	BC-40F15/WLL 6/2	120	12	White, Long Life, Flame (12)	C, C-9		4½	2000		
	G-16½	Cand. ▲	32977-1	BC-40G16½/LL 6/2	120	12	Clear, Long Life, Globe (12)	C, C-7A		3	2000		
			32978-9	BC-40G16½/WLL6/2	120	12	White, Long Life, Globe (12)	C, C-7A		3	2000		
60	B-10½	Cand. ▲	32969-8	BC-60B10½/LL 6/2	120	12	Clear, Long Life, Blunt Tip (12)	C, C-7A		4⅙	2000		
	BA-9	Cand. ▲	23195-1	BC-60BA9C/LL 6/2	120	12	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4⅓	2000		
			27804-4	BC-60BA9C/LL/4 6/4	120	24	Clear, Longer Life, Bent Tip (12)	C, CC-2V		4⅓	2000		
			22206-7	BC-60BA9C/FLL 6/2	120	12	Frost, Longer Life, Bent Tip (12)	C, CC-2V		4⅓	2000		
	BA-9½	Med. ▲	32962-3	BC-60BA9½/LL 6/2	120	12	Clear, Long Life, Bent Tip (12)	C, CC-2V		4⅙	2000		
			32963-1	BC-60BA9½/FLL 6/2	120	12	Frost, Long Life, Bent Tip (12)	C, CC-2V		4⅙	2000		
	F-15	Med. ▲	32973-0	BC-60F15/LL 6/2	120	12	Clear, Long Life, Flame (12)	C, C-9		4½	2000		

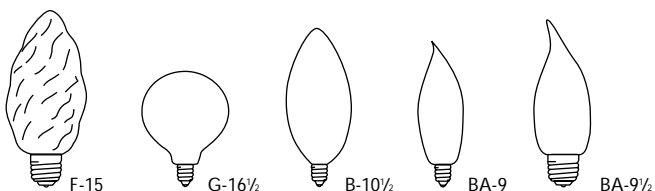
Decorative Lamps (Boxed)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	MOL. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
15	BA-9	Cand.	31087-0	15BA9C/4M	120	25	Clear, Bent Tip (12)	B, C-7A		3¾	4000		
	G-16½	Cand.	31132-4	15G16½C/4M	120	25	Clear, Globe (12)	B, C-7A		3	4000		
25	B-10½	Cand.	31114-2	25B10½/4M	120	25	Clear, Blunt Tip (12)	C, C-7A		4⅙	4000		
	BA-9	Cand.	31090-4	25BA9C/4M	120	25	Clear, Bent Tip (12)	C, C-7A		4⅓	4000		
	G-16½	Cand.	31133-2	25G16½C/4M	120	25	Clear, Globe (12)	C, C-7A		3	4000		
40	B-10½	Cand.	31115-9	40B10½/4M	120	25	Clear, Blunt Tip (12)	C, C-7A		4⅙	4000		
	BA-9	Cand.	31093-8	40BA9C/4M	120	25	Clear, Bent Tip (12)	C, C-7A		4⅓	4000		
	BA-9½	Med.	31098-7	40BA9½/4M	120	25	Clear, Bent Tip (12)	C, C-7A		4⅙	4000		
	G-16½	Cand.	31134-0	40G16½C/4M	120	25	Clear, Globe (12)	C, C-7A		3	4000		
60	B-10½	Cand.	31116-7	60B10½/4M	120	25	Clear, Blunt Tip (12)	C, C-7A		4⅙	4000		
	BA-9	Cand.	31095-3	60BA9C/4M	120	25	Clear, Bent Tip (12)	C, C-7A		4⅓	4000		
	BA-9½	Med.	31099-5	60BA9½/4M	120	25	Clear, Bent Tip (12)	C, C-7A		4⅙	4000		

▲ — Aluminum Base

† — Maximum Beam Candlepower

Footnotes located on page 47



Decorative Lamps

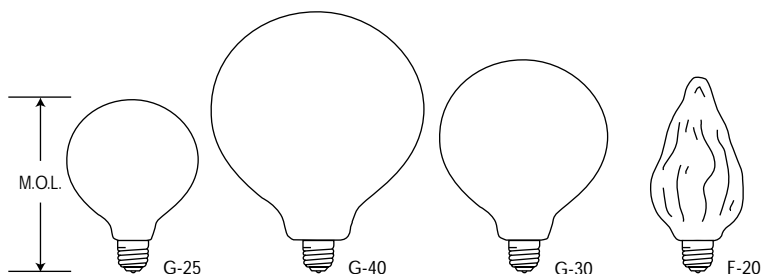
Decorative Lamps (All Other)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
25	G-25	Med. ▲	25003-5	25G2512/1	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25052-2	25G254/3	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25005-0	25G25/W12/1	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25053-0	25G25/W4/3	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
	G-40	Med. ▲	33389-8	25G40/4M	120	24	Clear, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
			20588-0	25G40/4MW	120	24	White, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
40	G-25	Med. ▲	25004-3	40G25 12/1	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25054-8	40G25 4/3	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25001-9	40G25/W 12/1	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25055-5	40G25/W 4/3	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
	G-40	Med. ▲	36168-3	40G40/4M 6/1	120	6	Clear, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
			36182-4	40G40/4MW 6/1	120	6	White, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
60	G-25	Med. ▲	25046-4	60G25 12/1	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25050-6	60G25 4/3	120	12	Clear, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25049-8	60G25/W 12/1	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
			25051-4	60G25/W 4/3	120	12	White, Globe	C, CC-6		4 ⁷ / ₁₆	1500		
	G-30	Med.	28141-0	60G30/4MW 6/1	120	6	White, Globe	C, C-9		5 ¹ / ₂	4000		
	G-40	Med. ▲	20202-8	60G40/4M 6/1	120	6	Clear, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
			20201-0	60G40/4MW 6/1	120	6	White, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
			29002-3	60F20/POST LT 6/1	120	6	Clear, Post Light	C, C-9		5 ⁷ / ₈	4000		
100	F-20	Med.	31765-1	100F20/POST LT 6/1	120	6	Clear, Post Light	C, C-9		5 ⁷ / ₈	4000		
	G-30	Med.	28150-1	100G30/4MW 6/1	120	6	White, Globe	C, C-9		5 ¹ / ₂	4000		
	G-40	Med. ▲	36187-3	100G40/4M 6/1	120	6	Clear, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
			20248-1	100G40/4MW 6/1	120	6	White, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		
150	G-40	Med. ▲	20265-5	150G40/4MW 6/1	120	6	White, Globe	C, C-9		6 ¹⁵ / ₁₆	4000		

▲ — Aluminum Base

• — Maximum Beam Candlepower

Footnotes located on page 47



Street Lighting Lamps Multiple

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
189	PS-25	Med.	24995-3	189PS25/64	120	60	Clear (43)	C, C-9	5¼	6 ¹⁵ / ₁₆	3000		2900
			39423-9	189PS25/64	125	60	Clear (43)	C, C-9	5¼	6 ¹⁵ / ₁₆	3000		2900
			39636-6	189PS25/64	130	60	Clear (43)	C, C-9	5¼	6 ¹⁵ / ₁₆	3000		2900
202	PS-25	Med.	20528-6	202PS25	125	60	Clear (43)	C, C-9	5¼	6 ¹⁵ / ₁₆	6000		2800
205	PS-25	Med.	33735-2	K205PS25	120	60	Clear (Krypton) (43)	C, C-9	5¼	6 ¹⁵ / ₁₆	2000		2750

Street Lighting Lamps Series

Rated Init. Lumens (67)	Amps	Bulb	Base	Product Number 046677-	Ordering Code	Initial Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
												Hours Life	MBCP*	
2500	6.6	PS-35	Mog.	25065-4	2500/66R	22.8	24	Clear (43)	C, C-2V	7	9¾	3000		
				36785-4	2500/66G	24.0	24	Clear (43)	C, C-2V	7	9¾	6000		
4000	6.6	PS-35	Mog.	25069-6	4M/66R	34.0	24	Clear (43)	C, C-2V	7	9¾	3000		
6000	6.6	PS-40	Mog.	20540-1	6M/66G	52.7	24	Clear (43)	C, C-2V	7	9¾	6000		

Lamps Listed by Amps or Lumens

Amps or Lumens	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
6.6A	T-10	Med. Pf.	24300-6	6.6A/T10/1P	30W	60	Airport Marker (8) (MS25012-1)	C, C-2V	1½	3 ¹⁵ / ₁₆	1000		435
			24319-6	6.6A/T10P	45W	60	Airport Marker (8) (MS25012-2)	C, C-2V	1½	3 ¹⁵ / ₁₆	1000		700
	T-14	Med. Pf.	24402-0	6.6A/T14P	200W	24	Airport Marker (8) (MS25013-1)	C, C-13	2¾	5¾	75		4900
			24404-6	6.6A/T14/2P	204W	24	Aviation, Runway Marker (MS25013-2)	C, C-13	2¾	5¾	500		4200
1950L	P-25	Med.	20494-1	1950L/P25/TS	120	60	Traffic Signal (12)	C, C-9	3	4¾	8000		
			26482-0	1950L/P25/TS	130	60	Traffic Signal (12)	C, C-9	3	4¾	8000		

Special Lighting

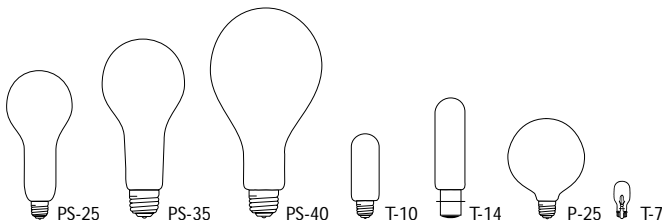
Night Light Plug-in	25139-7	BC-PNL 4C7	12/1	120	12	Plug-in Night Light w/Clear 4C7				3¾	3000		
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Accent Lighting and Colortone®

Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L. (In.)	M.O.L. (In.)	Approximate	
										Hours Life	MBCP*
T-7	Wedge	22952-6	BC7T5CL	12	12/2	Landscape, Clear	B, C2R	¹³ / ₁₆	1.5	2000	4.8
T-7	Wedge	21405-6	BC7T5R	12	30/2	Landscape, Red	B, C2R	¹³ / ₁₆	1.5	2000	4.8
T-7	Wedge	21317-3	BC7T5B	12	30/2	Landscape, Blue	B, C2R	¹³ / ₁₆	1.5	2000	4.8
T-7	Wedge	21318-1	BC7T5G	12	30/2	Landscape, Green	B, C2R	¹³ / ₁₆	1.5	2000	4.8
T-7	Wedge	21321-5	BC7T5Y	12	30/2	Landscape, Yellow	B, C2R	¹³ / ₁₆	1.5	2000	4.8

* — Maximum Beam Candlepower

Footnotes located on page 47



Tungsten Halogen Lamps

MasterLine PAR 16 Halogen Lamps (42, 82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
45	PAR 16	Med.	<input type="checkbox"/> \$ 26335-0	45PAR16/HAL/NSP10	120	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	5000	450
			<input type="checkbox"/> \$ 26338-4	45PAR16/HAL/NSP10	130	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	5000	450
			<input type="checkbox"/> \$ 26345-9	45PAR16/HAL/NFL27	120	15	N. Flood 27 Deg.	C, CC-8	3 1/2	2000	1400	450
			<input type="checkbox"/> \$ 26348-3	45PAR16/HAL/NFL27	130	15	N. Flood 27 Deg.	C, CC-8	3 1/2	2000	1400	450
			<input type="checkbox"/> \$ 26577-7	BC45PAR16/HAL/NSP 6/1	120	6	N. Spot 10 Deg. Blister Card	C, CC-8	3 1/2	2000	5000	450
			<input type="checkbox"/> \$ 26580-1	BC45PAR16/HAL/NFL 6/1	120	6	N. Flood 27 Deg. Blister Card	C, CC-8	3 1/2	2000	1400	450
60	PAR 16	Med.	<input type="checkbox"/> \$ 33004-3	60PAR16/HAL/NSP10	120	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	5700	580
			<input type="checkbox"/> \$ 33005-0	60PAR16/HAL/NSP10	130	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	5700	580
			<input type="checkbox"/> \$ 33006-8	60PAR16/HAL/NFL27	120	15	N. Flood 27 Deg.	C, CC-8	3 1/2	2000	2000	580
			<input type="checkbox"/> \$ 33007-6	60PAR16/HAL/NFL27	130	15	N. Flood 27 Deg.	C, CC-8	3 1/2	2000	2000	580
			<input type="checkbox"/> \$ 21388-4	BC60PAR16/HAL/NSP 6/1	120	6	N. Spot 10 Deg. Blister Card	C, CC-8	3 1/2	2000	5700	580
			<input type="checkbox"/> \$ 21390-0	BC60PAR16/HAL/NFL 6/1	120	6	N. Flood 27 Deg. Blister Card	C, CC-8	3 1/2	2000	2000	580

MasterLine PAR 20 Halogen Lamps WISO Reflector (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
50	PAR 20	Med.	\$ 22906-2	50PAR20/HAL/NSP9	120	15	N. Spot 9 Deg.	C, CC-8	3 1/2	2000	6200	550
			\$ 22908-8	50PAR20/HAL/SP16	120	15	Spot 16 Deg.	C, CC-8	3 1/2	2000	3200	550
			\$ 22911-2	50PAR20/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	3 1/2	2000	1400	550
			\$ 22921-1	50PAR20/HAL/NFL30	130	15	N. Flood 30 Deg.	C, CC-8	3 1/2	2000	1400	550
			\$ 24954-0	50PAR20/HAL/SP6/1	120	6	Spot 16 Deg.	C, CC-8	3 1/2	2000	3200	550

MasterLine PAR 30S Short Neck Halogen Lamps WISO Reflector (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens	
										Hours Life	MBCP*		
50	PAR 30S	Med.	<input checked="" type="checkbox"/> \$ 26349-1	50PAR30S/HAL/NSP10	120	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	8250	630	
			<input checked="" type="checkbox"/> \$ 26357-4	50PAR30S/HAL/NSP10	130	15	N. Spot 10 Deg.	C, CC-8	3 1/2	2000	8250	630	
			<input checked="" type="checkbox"/> \$ 26358-2	50PAR30S/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	3 1/2	2000	1950	630	
			<input checked="" type="checkbox"/> \$ 26362-4	50PAR30S/HAL/NFL30	130	15	N. Flood 30 Deg.	C, CC-8	3 1/2	2000	1950	630	
			<input checked="" type="checkbox"/> \$ 26364-0	50PAR30S/HAL/FL40	120	15	Flood 40 Deg.	C, CC-8	3 1/2	2000	1500	630	
			<input checked="" type="checkbox"/> \$ 26384-8	50PAR30S/HAL/FL40	130	15	Flood 40 Deg.	C, CC-8	3 1/2	2000	1500	630	
									Ratings @ 120V = 44W			4000	480
									Ratings @ 120V = 44W			4000	480

* — Maximum Beam Candlepower

— Exclusive Philips Product

— This Bulb Meets US Federal Minimum Efficiency Standard

\$ — Energy Saving Product

Footnotes located on page 47



MasterLine PAR 30S Short Neck Halogen Lamps WISO Reflector (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
60	PAR 30S Med. DiOptic Reflector	E □ \$	35751-7	60PAR30S/HAL/NSP10	120	15	N. Spot 10 Deg.	C, CC-8	3%	2500	10,000	800
			35752-5	60PAR30S/HAL/NSP10	130	15	N. Spot 10 Deg. Ratings @ 120V = 53W	C, CC-8	3%	2500	10,000	800
			35753-3	60PAR30S/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	3%	5000	2800	800
			35788-9	60PAR30S/HAL/NFL30	130	15	N. Flood 30 Deg. Ratings @ 120V = 53W	C, CC-8	3%	2500	2800	800
			35758-2	60PAR30S/HAL/FL40	120	15	Flood 40 Deg.	C, CC-8	3%	5000	1850	800
			35762-4	60PAR30S/HAL/FL40	130	15	Flood 40 Deg. Ratings @ 120V = 53W	C, CC-8	3%	2500	1850	800
75	PAR 30S Med.	E \$	28479-4	75PAR30S/HAL/NSP10	120	15	N. Spot 10 Deg.	C, CC-8	3%	2000	20,000	965
			28488-5	75PAR30S/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	3%	2000	3900	965
			28491-9	75PAR30S/HAL/FL40	120	15	Flood 40 Deg.	C, CC-8	3%	2000	1900	965
			28492-7	75PAR30S/HAL/FL40	130	15	Flood 40 Deg. Ratings @ 120V = 66W	C, CC-8	3%	2000	1900	965
									4000		740	

MasterLine PAR 30L Long Neck Halogen Lamps WISO Reflector (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
50	PAR 30L Med.	E □ \$	22922-9	50PAR30L/HAL/NSP9	120	15	N. Spot 9 Deg.	C, CC-8	4 1/2	2000	9900	530
			22923-7	50PAR30L/HAL/SP16	120	15	Spot 16 Deg.	C, CC-8	4 1/2	2000	4200	530
			22925-2	50PAR30L/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	4 1/2	2000	1900	530
			22926-0	50PAR30L/HAL/NFL30	130	15	N. Flood 30 Deg. Ratings @ 120V = 44W	C, CC-8	4 1/2	2000	1900	530
										4000		410
			22927-8	50PAR30L/HAL/FL40	120	15	Flood 40 Deg.	C, CC-8	4 1/2	2000	1250	530
			22928-6	50PAR30L/HAL/FL40	130	15	Flood 40 Deg. Ratings @ 120V = 44W	C, CC-8	4 1/2	2000	1250	530
										4000		410
			23645-5	50PAR30L/HAL/WFL60	120	15	W. Flood 60 Deg.	C, CC-8	4 1/2	2000	550	600
			24955-7	50PAR30L/HAL/WFL 6/1	120	6	W. Flood 60 Deg.	C, CC-8	4 1/2	2000	550	600
75	PAR 30L Med.	E □ \$	28472-9	50PAR30L/HAL/WFL60	130	15	W. Flood 60 Deg. Ratings @ 120V = 44W	C, CC-8	4 1/2	2000	550	600
									4000		410	
			22930-2	75PAR30L/HAL/NSP9	120	15	N. Spot 9 Deg.	C, CC-8	4 1/2	2000	15,500	940
			22934-4	75PAR30L/HAL/SP16	120	15	Spot 16 Deg.	C, CC-8	4 1/2	2000	6700	940
			22941-9	75PAR30L/HAL/NFL30	120	15	N. Flood 30 Deg.	C, CC-8	4 1/2	2000	3400	940
			22943-5	75PAR30L/HAL/NFL30	130	15	N. Flood 30 Deg. Ratings @ 120V = 66W	C, CC-8	4 1/2	2000	3400	940
							4000		720			
22944-3	75PAR30L/HAL/FL40	120	15	Flood 40 Deg.	C, CC-8	4 1/2	2000	2200	940			
22945-0	75PAR30L/HAL/FL40	130	15	Flood 40 Deg. Ratings @ 120V = 66W	C, CC-8	4 1/2	2000	2200	940			
							4000		720			

* — Maximum Beam Candlepower

□ — Exclusive Philips Product

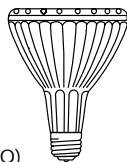
E — This Bulb Meets US Federal Minimum Efficiency Standard

\$ — Energy Saving Product

Footnotes located on page 47



MasterLine PAR 30S (WISO)



MasterLine PAR 30L (WISO)

MasterLine IRC Halogen PAR 38 Lamps Featuring Halogen Infrared Technology and DiOptic Reflector. (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens		
										Hours Life	MBCP*			
60	PAR 38 Med. DiOptic Reflector	Skt.	❖ Ⓔ \$ 35947-1	60PAR38/IRC/SP10	120	12	Spot 10 Deg.	C, CC-8	5½	3000	26,350	1160		
			❖ Ⓔ \$ 35956-2	60PAR38/IRC/SP10	130	12	Spot 10 Deg Ratings @ 120V = 53W	C, CC-8	5½	3000	26,350	1160		
			❖ Ⓔ \$ 36054-5	60PAR38/IRC/WSP12	120	12	W. Spot 12 Deg.	C, CC-8	5½	3000	18,600	1160		
			❖ Ⓔ \$ 36055-2	60PAR38/IRC/WSP12	130	12	W. Spot 12 Deg. Ratings @ 120V = 53W	C, CC-8	5½	3000	18,600	1160		
			❖ Ⓔ \$ 35948-9	60PAR38/IRC/FL25	120	12	Flood 25 Deg.	C, CC-8	5½	3000	4580	1160		
			❖ Ⓔ \$ 35957-0	60PAR38/IRC/FL25	130	12	Flood 25 Deg. Ratings @ 120V = 53W	C, CC-8	5½	3000	4580	1160		
			❖ Ⓔ \$ 35949-7	60PAR38/IRC/WFL60	120	12	W. Flood 60 Deg.	C, CC-8	5½	3000	1500	1160		
			❖ Ⓔ \$ 35958-8	60PAR38/IRC/WFL60	130	12	W. Flood 60 Deg. Ratings @ 120V = 53W	C, CC-8	5½	3000	1500	1160		
100	PAR 38 Med. DiOptic Reflector	Skt.	❖ Ⓔ \$ 35960-4	100PAR38/IRC/SP10	120	12	Spot 10 Deg.	C, CC-8	5½	3000	47,150	2090		
			❖ Ⓔ \$ 35969-5	100PAR38/IRC/SP10	130	12	Spot 10 Deg. Ratings @ 120V = 88W	C, CC-8	5½	3000	47,150	2090		
			❖ Ⓔ \$ 35966-1	100PAR38/IRC/FL25	120	12	Flood 25 Deg.	C, CC-8	5½	3000	8530	2090		
			❖ Ⓔ \$ 35972-9	100PAR38/IRC/FL25	130	12	Flood 25 Deg. Ratings @ 120V = 88W	C, CC-8	5½	3000	8530	2090		
			❖ Ⓔ \$ 35968-7	100PAR38/IRC/WFL60	120	12	W. Flood 60 Deg.	C, CC-8	5½	3000	2520	2090		
			❖ Ⓔ \$ 35973-7	100PAR38/IRC/WFL60	130	12	W. Flood 60 Deg. Ratings @ 120V = 88W	C, CC-8	5½	3000	2520	2090		

MasterLine PAR 38 Halogen Lamps (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens		
										Hours Life	MBCP*			
45	PAR 38 Med. Standard Reflector	Skt.	Ⓔ \$ 26558-7	45PAR38/HAL/FL28	120	12	Flood 28 Deg.	C, CC-8	5½	2000	2000	530		
			Ⓔ \$ 26883-9	45PAR38/HAL/FL28	120	6	Flood 28 Deg.	C, CC-8	5½	2000	2000	530		
			Ⓔ \$ 26597-5	45PAR38/HAL/FL28	130	12	Flood 28 Deg. Ratings @ 120V = 40W	C, CC-8	5½	2000	2000	530		
			Ⓔ \$ 26544-7	45PAR38/HAL/SP12	120	12	Spot 12 Deg.	C, CC-8	5½	2000	5800	530		
			Ⓔ \$ 26595-9	45PAR38/HAL/SP12	130	12	Spot 12 Deg. Ratings @ 120V = 40W	C, CC-8	5½	2000	5800	530		
			Ⓔ \$ 22946-8	45PAR38/HAL/SP12/LL	120	12	Spot 12 Deg.	C, CC-8	5½	2500	5800	530		
			Ⓔ \$ 22947-6	45PAR38/HAL/SP12/LL	130	12	Spot 12 Deg. Ratings @ 120V = 40W	C, CC-8	5½	2500	5800	530		
			Ⓔ \$ 22948-4	45PAR38/HAL/FL28/LL	120	12	Flood 28 Deg.	C, CC-8	5½	2500	2000	530		
			Ⓔ \$ 24951-6	45PAR38/HAL/FL28/LL	120	6	Flood 28 Deg.	C, CC-8	5½	2500	2000	530		
			Ⓔ \$ 22949-2	45PAR38/HAL/FL28/LL	130	12	Flood 28 Deg. Ratings @ 120V = 40W	C, CC-8	5½	2500	2000	530		

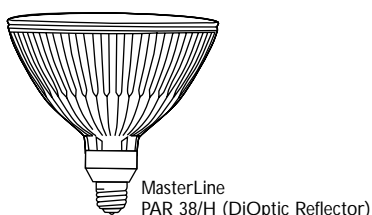
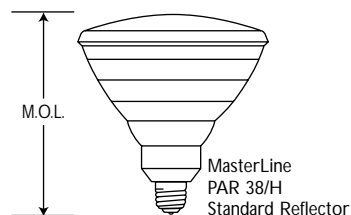
\$ — Energy Saving Product

• — Maximum Beam Candlepower

Ⓔ — This Bulb Meets US Federal Minimum Efficiency Standard

❖ — Contact Customer Service for Availability

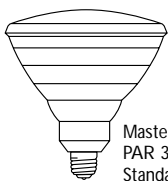
Footnotes located on page 47



MasterLine PAR 38 Halogen Lamps (82, 86)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
60	PAR 38 Med. DiOptic Reflector	Med. Skt. (E) (U) (S)	23059-9	60PAR38/HAL/SP10/WLL	120	12	Spot 10 Deg.	C, CC-8	5 ⁵ / ₁₆	3000	18,000	800
			23309-8	60PAR38/HAL/SP10/WLL	130	12	Spot 10 Deg. Ratings @ 120V = 53W	C, CC-8	5 ⁵ / ₁₆	3000	18,000	800
			23062-3	60PAR38/HAL/WSP12/WLL	120	12	W. Spot 12 Deg.	C, CC-8	5 ⁵ / ₁₆	3000	13,500	800
			23330-4	60PAR38/HAL/WSP12/WLL	130	12	W. Spot 12 Deg. Ratings @ 120V = 53W	C, CC-8	5 ⁵ / ₁₆	3000	13,500	800
			23065-6	60PAR38/HAL/FL28/WLL	120	12	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	3000	3600	800
			23356-9	60PAR38/HAL/FL28/WLL	130	12	Flood 28 Deg. Ratings @ 120V = 53W	C, CC-8	5 ⁵ / ₁₆	3000	3600	800
			26385-5	60PAR38/HAL/WFL60/WLL	120	12	W. Flood 60 Deg.	C, CC-8	5 ⁵ / ₁₆	3000	1000	800
			28471-1	60PAR38/HAL/WFL60/WLL	130	12	W. Flood 60 Deg. Ratings @ 120V = 53W	C, CC-8	5 ⁵ / ₁₆	3000	1000	800
75	PAR 38 Med. DiOptic Reflector	Med. Skt. (E) (U) (S)	28782-1	75PAR38/HAL/SP10/WLL	120	12	Spot 10 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	22,000	1050
			28783-9	75PAR38/HAL/SP10/WLL	130	12	Spot 10 Deg. Ratings @ 120V = 66W	C, CC-8	5 ⁵ / ₁₆	2500	22,000	1050
			28784-7	75PAR38/HAL/FL28/WLL	120	12	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	4800	1050
			28785-4	75PAR38/HAL/FL28/WLL	130	12	Flood 28 Deg. Ratings @ 120V = 66W	C, CC-8	5 ⁵ / ₁₆	2500	4800	1050
90	PAR 38 Standard Reflector	Med. Skt. (E) (U) (S)	26562-9	90PAR38/HAL/FL28	120	12	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	2000	4500	1280
			26877-1	90PAR38/HAL/FL28	120	6	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	2000	4500	1280
			26600-7	90PAR38/HAL/FL28	130	12	Flood 28 Deg. Ratings @ 120V = 79W	C, CC-8	5 ⁵ / ₁₆	2000	4500	1280
			26559-5	90PAR38/HAL/SP12	120	12	Spot 12 Deg.	C, CC-8	5 ⁵ / ₁₆	2000	14,500	1280
			26599-1	90PAR38/HAL/SP12	130	12	Spot 12 Deg. Ratings @ 120V = 79W	C, CC-8	5 ⁵ / ₁₆	2000	14,500	1280
			23069-8	90PAR38/HAL/SP12/LL	120	12	Spot 12 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	14,500	1280
			23650-5	90PAR38/HAL/SP12/LL	130	12	Spot 12 Deg. Ratings @ 120V = 79W	C, CC-8	5 ⁵ / ₁₆	2500	14,500	1280
			23070-6	90PAR38/HAL/FL28/LL	120	12	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	4500	1280
			24953-2	90PAR38/HAL/FL28/LL	120	6	Flood 28 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	4500	1280
			23651-3	90PAR38/HAL/FL28/LL	130	12	Flood 28 Deg. Ratings @ 120V = 79W	C, CC-8	5 ⁵ / ₁₆	2500	4500	1280
	DiOptic Reflector	(E) (U) (S)	28392-9	90PAR38/HAL/WFL60/WLL	130	12	W. Flood 60 Deg. Ratings @ 120V = 79W	C, CC-8	5 ⁵ / ₁₆	2500	1300	1280
			23646-3	90PAR38/HAL/WFL60/WLL	120	12	W. Flood 60 Deg.	C, CC-8	5 ⁵ / ₁₆	2500	1300	1280

- * — Maximum Beam Candlepower
 - (U) — Exclusive Philips Product
 - (E) — This Bulb Meets US Federal Minimum Efficiency Standard
 - \$ — Energy Saving Product
- Footnotes located on page 47



MasterLine
PAR 38/H
Standard Reflector



MasterLine
PAR 38/H (DiOptic Reflector)

Halogená® Classic, Decorative & PAR 38

Halogená

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	L.C.L. (In.)	Hours Life	Lumens
60	BT-15	Med.	24924-3	BC60BT15/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4	2.75	3000	900
			24926-8	BC60BT15/HAL/W	120	10	Blister Card – White	C, CC-8	4	2.75	3000	840
75	BT-15	Med.	24927-6	BC75BT15/HAL/W	120	10	Blister Card – White	C, CC-8	4	2.75	3000	1120
100	BT-15	Med.	24931-8	BC100BT15/HAL/W	120	10	Blister Card – White	C, CC-8	4	2.75	3000	1670
150	BT-15	Med.	24933-4	BC150BT15/HAL/W	120	10	Blister Card – White	C, CC-8	4	2.75	3000	2650

Halogená Decorative

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	L.C.L. (In.)	Hours Life	Lumens
25	CP-19	Med.	36472-9	BC25CP19/HAL/CL	120	6	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	300
	F-10 ¹ / ₂	Cand.	28946-2	BC25F10-1/2C/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	300
	F-10 ¹ / ₂	Med.	28943-9	BC25F10-1/2/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	300
	F-15	Med.	28938-9	BC25F15/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ¹³ / ₁₆	2.75	2250	300
40	CP-19	Med.	36485-1	BC40CP19/HAL/CL	120	6	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	544
	F-10 ¹ / ₂	Cand.	28952-0	BC40F10-1/2C/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	544
	F-10 ¹ / ₂	Med.	28944-7	BC40F10-1/2/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	2250	544
	F-15	Med.	28939-7	BC40F15/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ¹³ / ₁₆	2.75	2250	544
60	CP-19	Med.	36411-7	BC60CP19/HAL/CL	120	6	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	3000	900
	F-10 ¹ / ₂	Cand.	28955-3	BC60F10-1/2C/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	3000	900
	F-10 ¹ / ₂	Med.	28945-4	BC60F10-1/2/HAL/CL	120	10	Blister Card – Clear	C, CC-8	4 ⁵ / ₁₆	2.75	3000	900
	F-15	Med.	28206-1	BC60F15/HAL/POST TOP	120	10	Blister Card – Clear	C, CC-8	4 ¹³ / ₁₆	2.75	3000	900

Halogená PAR 38

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	M.O.L. (In.)	Approximate		Lumens
										Hours Life	MBCP*	
90	PAR 38	Med. ♦ (E) \$	36885-2	90PAR38/HALOGENA/FL25	120	12	Flood 25 Deg.	C, CC-8	5 ⁵ / ₁₆	6000	6535	1680

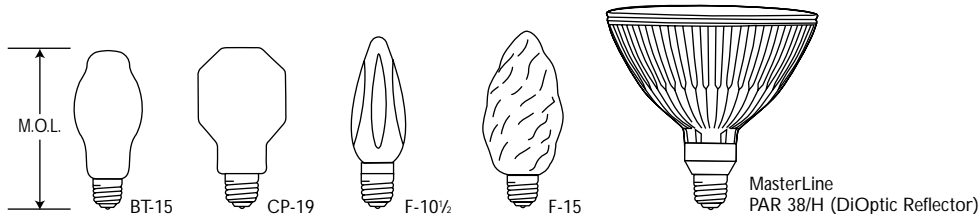
\$ — Energy Saving Product

♦ — Maximum Beam Candlepower

(E) — This Bulb Meets US Federal Minimum Efficiency Standard

♦ — Contact Customer Service for Availability

Footnotes located on page 47



MasterLine® ES IRC MRC-16 Lamps Featuring Halogen Infrared Technology and Hard Coat Color Consistent Dichroic Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
20	MRC-16	GU5.3	36345-7	20MRC16/IRC/SP8	12	50	1 3/4	3150	6500	8	5000
			36346-5	20MRC16/IRC/FL36	12	50	1 3/4	3150	1000	36	5000
35	MRC-16	GU5.3	36348-1	35MRC16/IRC/SP8	12	50	1 3/4	3150	14,000	8	5000
			36349-9	35MRC16/IRC/NFL24	12	50	1 3/4	3150	4400	24	5000
			36351-5	35MRC16/IRC/FL36	12	50	1 3/4	3150	2200	36	5000
			36352-3	35MRC16/IRC/WFL60	12	50	1 3/4	3150	1050	60	5000
45	MRC-16	GU5.3	36353-1	45MRC16/IRC/SP8	12	50	1 3/4	3150	16,000	8	5000
			36355-6	45MRC16/IRC/NFL24	12	50	1 3/4	3150	5450	24	5000
			36357-2	45MRC16/IRC/FL36	12	50	1 3/4	3150	2850	36	5000
			36358-0	45MRC16/IRC/WFL60	12	50	1 3/4	3150	1300	60	5000

Continuum™ Color MRC-16 Lamps Color Consistent Dichroic Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
20	MRC-16	GU5.3	26962-1	20MRC16/CC/SP10	12	50	1 5/16	3200	6500	10	5000
			26966-2	20MRC16/CC/NFL24	12	50	1 5/16	3200	1700	24	5000
			26970-4	20MRC16/CC/FL38	12	50	1 5/16	3200	800	38	5000
50	MRC-16	GU5.3	26977-9	50MRC16/CC/SP10	12	50	1 5/16	3200	15,000	10	5000
			26981-1	50MRC16/CC/NFL24	12	50	1 5/16	3200	5000	24	5000
			27071-0	50MRC16/CC/FL38	12	50	1 5/16	3200	2300	38	5000

BrilliantLine Pro MRC-11 Lamps Dichroic Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
20	MRC-11	GU4	37821-6	20MRC11/SP10	12	50	1 5/8	3000	4800	10	4000
			37822-4	20MRC11/FL30	12	50	1 5/8	3000	690	30	4000

BrilliantLine Pro MRC-16 Lamps Dichroic Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
20	MRC-16	GU5.3	37814-1	20MRC16/SP10	12	50	1 5/16	3100	5000	10	4000
			37815-8	20MRC16/FL36	12	50	1 5/16	3100	780	36	4000
50	MRC-16	GU5.3	37816-6	50MRC16/SP10	12	50	1 5/16	3100	13,000	10	4000
			37817-4	50MRC16/NFL24	12	50	1 5/16	3100	4400	24	4000
			37818-2	50MRC16/FL36	12	50	1 5/16	3100	2200	36	4000

Footnotes located on page 47



MR-16, MRC-16 & ALR Lamps

BrilliantLine Pro MR-16 Lamps Dichroic Reflector Without Lens; Use In Enclosed Fixtures

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
75	MR-16	GU5.3	37808-3	75MR16/SP10-EYF	12	50	1¾	3000	14,000	10	4000
			37809-1	75MR16/FL36-EYC	12	50	1¾	3000	2500	36	4000

AccentLine MR-16 Halogen Display Lamps Dichroic Reflector Without Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
20	MR-16	GU5.3	37802-6	20MR16/SP10-ESX	12	50	1¾	3000	3400	10	3000
			37803-4	20MR16/FL36-BAB	12	50	1¾	3000	550	36	3000
			25173-6	BC-20MR16/FL-Card	12	10	1¾	3000	550	36	3000
50	MR-16	GU5.3	37804-2	50MR16/SP10-EXT	12	50	1¾	3000	8800	10	3000
			37807-5	50MR16/NFL24-EXZ	12	50	1¾	3000	3200	24	3000
			37805-9	50MR16/FL38-EXN	12	50	1¾	3000	1600	36	3000
			25174-4	BC-50MR16/FL-Card	12	10	1¾	3000	1600	36	3000

Continuum™ Pro MRC-16 Aluminum Coated Lamps Aluminum Coated Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
50	MRC-16	GU5.3	35638-6	50MRC16/SP12/A	12	24	1⅝	3000	9000	12	4000
			35640-2	50MRC16/NFL24/A	12	24	1⅝	3000	3200	24	4000
			35639-4	50MRC16/FL40/A	12	24	1⅝	3000	1500	40	4000

Closed Aluminum Reflector (ALR) Lamps Aluminum Reflector With Lens

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	M.O.L. (In.)	Approx. Color Temp. (K)	Average Center Candlepower	Approx. Beam Spread (Degrees)	Average Rated Life (Hours)
15	56mm ALR	B15d	<input type="checkbox"/> 26480-4	15ALR18/NSP6-GBA Clear	6	50	2⅞	3000	5200	6	2000
			<input type="checkbox"/> 32839-3	15ALR18/SP14-GBC Clear	6	50	2⅞	3000	1900	14	2000
20	37mm ALR	B15d	<input type="checkbox"/> 32840-1	20ALR12/NSP6-GBD Clear	12	50	1⅞	3000	6400	6	2000
			<input type="checkbox"/> 34002-6	20ALR12/SP18-GBE Frost	12	50	1⅞	3000	1000	18	2000
			<input type="checkbox"/> 34003-4	20ALR12/FL34-GBF Frost	12	50	1⅞	3000	350	34	2000
50	56mm ALR	B15d	<input type="checkbox"/> 32826-0	50ALR18/SP10-GBJ Clear	12	50	2⅞	3000	12,000	10	2000
			<input type="checkbox"/> 34091-9	50ALR18/NFL22-GBK Frost	12	50	2⅞	3000	2000	22	2000

— Exclusive Philips Product

Footnotes located on page 47



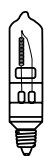
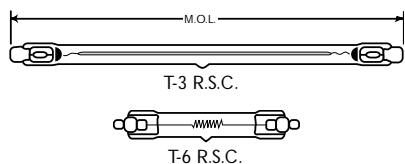
Halogen Double-Ended Linear Lamps (85)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L (In.)	M.O.L. (In.)	Approx. Hours Life	Lumens
100	T-3	R.S.C.	21750-5	BC100T3Q/CL/TP	120	12	Blister Card	C, C-8	1	3 ¹ / ₈	2000	1600
150	T-3	R.S.C.	21751-3	BC150T3Q/CL/TP	120	12	Blister Card	C, C-8	1	3 ¹ / ₈	2000	2400
300	T-3	R.S.C.	39282-9	300T3Q/P/CL EHM	120	12	Clear	C, C-8	2	4 ¹¹ / ₁₆	2000	5200
			29388-6	BC300T3Q/CL EHM	120	20	Blister Card	C, C-8	2	4 ¹¹ / ₁₆	2000	5200
			29390-2	BC300T3Q/CL 20/2	120	40	Blister Card 2 pack	C, C-8	2	4 ¹¹ / ₁₆	2000	5200
500	T-3	R.S.C.	20010-5	500T3Q/P/CL FCL	120	12	Clear	C, C-8	2 ¹ / ₄	4 ¹¹ / ₁₆	2000	9500
			29389-4	BC500T3Q/CL FCL	120	20	Blister Card	C, C-8	2	4 ¹¹ / ₁₆	2000	9500
			39284-5	500T3Q/P/CL	125-130	12	Clear — Plusline	C, C-8	2 ¹ / ₄	4 ¹¹ / ₁₆	3000	10,500
1000	T-3	R.S.C.	38320-8	1000T3Q/P/CL	240	12	Clear — Plusline	C, C-8	6	10 ¹ / ₁₆	3000	21,000
	T-6		38711-8	1000T6Q/CL DWT	120	12	Clear	C, CC-8	1	5 ⁵ / ₈	2000	21,000
1500	T-3	R.S.C.	37806-7	1500T3Q/P/CL	208	12	Clear — Plusline	C, C-8	6 ³ / ₄	10 ¹ / ₁₆	3000	33,000
			37536-0	1500T3Q/P/CL	220	12	Clear — Plusline	C, C-8	6 ³ / ₄	10 ¹ / ₁₆	3000	33,000
			23867-5	1500T3Q/P/CL	240	12	Clear — Plusline	C, C-8	6 ³ / ₄	10 ¹ / ₁₆	3000	33,000
			23868-3	1500T3Q/P/CL	277	12	Clear — Plusline	C, C-8	6 ³ / ₄	10 ¹ / ₁₆	3000	33,000

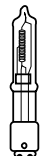
Halogen Single-Ended Lamps (85)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. •	Description	Class and Filament	L.C.L (In.)	M.O.L. (In.)	Approx. Hours Life	Lumens	
100	T-4	Mini-Can	30759-5	100Q/CL ESN	120	12	Clear	C, CC-2V	1 ³ / ₈	2 ³ / ₄	1000	1900	
			21365-2	BC-100Q/CL/MC ESN	120	12	Blister Card	C, CC-2V	1 ³ / ₈	2 ³ / ₄	1000	1900	
			D.C. Bay.	44278-0	100Q/CL/DC ESR	120	12	Clear	C, CC-2V	1 ³ / ₈	2 ³ / ₄	1000	1900
150	T-4	Mini-Can	34754-2	150Q/CL ETG	120	12	Clear	C, CC-8	1 ¹ / ₂	3	2000	2800	
			29856-2	150Q ETH	120	12	Frost	C, CC-8	1 ¹ / ₂	3	2000	2700	
			20049-3	150Q/CL	130	12	Clear	C, CC-8	1 ¹ / ₂	3	2000	2800	
			D.C. Bay.	26676-7	150Q/CL/DC ETC	120	12	Clear	C, CC-8	1 ¹ / ₂	2 ⁵ / ₈	2000	2700
			29850-5	150Q/DC ETF	120	12	Frost	C, CC-8	1 ¹ / ₂	2 ⁵ / ₈	2000	2800	
250	T-4	Mini-Can	37857-0	250Q/CL EHT	120	12	Clear	C, CC-8	1 ⁵ / ₈	3 ¹ / ₈	2000	5000	
			22886-6	250Q/CL	130	12	Clear	C, CC-8	1 ⁵ / ₈	3 ¹ / ₈	2000	5000	
			D.C. Bay.	31584-6	250Q/CL/DC ESS	120	12	Clear	C, CC-8	1 ⁵ / ₈	2 ¹³ / ₁₆	2000	5000
			22894-0	250Q/CL/DC	130	12	Clear	C, CC-8	2	2 ¹³ / ₁₆	2000	5000	
			30614-2	250Q/DC/LP	130	12	Clear — Low Pressure	C, CC-8	1 ¹ / ₁₀	2	1000	4100	
500	T-4	Mini-Can	38079-0	500Q/CL EVR	120	12	Clear	C, CC-8	2	3 ⁵ / ₈	2000	9800	
		Med. Two-Pin	26971-2	500Q/CL EHD	120	24	Clear	C, CC-8	2 ³ / ₈	3 ³ / ₄	2000	10,600	
750	T-5	Med. Two-Pin	26972-0	750Q/CL EHG	120	24	Clear	C, CC-8	2 ³ / ₈	4 ¹ / ₄	2000	15,000	

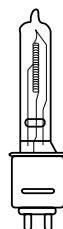
Footnotes located on page 47



T-4 Mini-Can



T-4 D.C. Bay



T-5 Med. 2-pin

Halogen Low Voltage Capsule Lamps & PAR 56, PAR 64

Halogen Low Voltage Capsule Lamps All Lamps Contain UV Block and Are Low Pressure (85)

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	L.C.L. (In.)	MQL. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
5	T-3	G4	23260-3	5W/12V/Capsule	12	100	Capsule Type 13283	C, C-6	7/8	1 1/4	2000		60
10	T-3	G4	23262-9	10W/12V/Capsule	12	100	Capsule Type 13284 — Axial	C, C-6	7/8	1 1/4	2000		140
20	T-3	G4	23264-5	20W/12V/Capsule	12	100	Capsule Type 13078 — Axial	C, C-8	15/16	1 1/4	2000		320
			21393-4	BC-20W/12V/Capsule	12	12	Blister Card — Axial	C, C-8	15/16	1 1/4	2000		320
			23270-2	20W/24V/Capsule	24	100	Capsule Type 13091 — Axial	C, C-6	7/8	1 1/4	2000		300
35	T-4	GY6.35	29553-5	35W/12V/Capsule	12	100	Capsule Type 13103 — Axial	C, C-8	1 3/16	1 3/4	2000		600
50	T-4	GY6.35	23265-2	50W/12V/Capsule	12	100	Capsule Type 13079	C, C-6	1 3/16	1 3/4	2000		950
			21367-8	BC-50W/12V/Capsule	12	12	Blister Card	C, C-6	1 3/16	1 3/4	2000		950

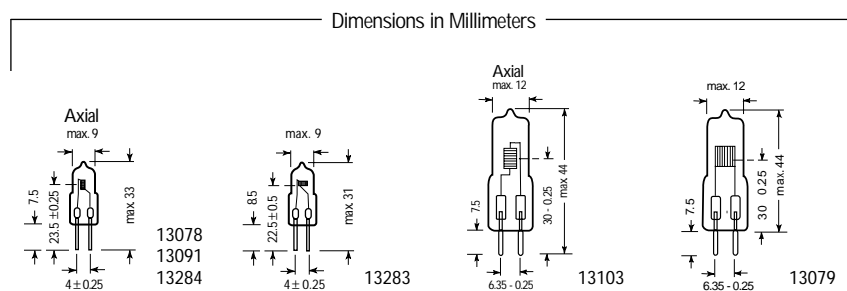
Halogen PAR 56 and PAR 64 Lamps

Watts	Bulb	Base	Product Number 046677-	Ordering Code	Volts	Pkg. Qty. *	Description	Class and Filament	L.C.L. (In.)	MQL. (In.)	Approximate		Lumens
											Hours Life	MBCP*	
500	PAR 56	Mog. End	35621-2	500PAR56Q/MFL	120	8	PAR Med. Flood(9, 55)	C, CC-6		5	4000	47,000	
			35620-4	500PAR56Q/WFL	120	8	PAR Wide Flood(9, 55)	C, CC-6		5	4000	22,500	
			35619-6	500PAR56Q/NSP	120	8	PAR Narrow Spot (9, 55)	C, CC-6		5	4000	88,000	
1000	PAR 64	Ext. Mog. End Prong	27556-0	1000PAR64Q/MFL	120	8	PAR Med. Flood(9, 55)	C, CC-8		6	4000	80,000	
			27558-6	1000PAR64Q/WFL	120	8	PAR Wide Flood(9, 55)	C, CC-8		6	4000	31,000	
			27555-2	1000PAR64Q/NSP	120	8	PAR Narrow Spot (9, 55)	C, CC-8		6	4000	200,000	

CAUTION NOTICE: The filament capsule contained in the PAR 16, PAR 20, PAR 30 and PAR 38 lamps is pressurized, operates at high temperatures and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture enclosure and/or surrounding environment, thereby creating a risk of personal injury or fire. Should the outer glass bulb break, the lamp may continue to light; however, immediately discontinue use. Turn power off and let the lamp cool before removal to avoid potential burn and electrical shock during lamp replacement. Do not use PAR halogen lamps in close proximity to combustible materials or those adversely affected by drying or fading. The lamps may be dimmed by reducing voltage. However, this may cause the bulbs to blacken. If this occurs the lamp should be run at full voltage for fifteen minutes, thereby clearing the problem. Double-Ended Linear Lamps and Single-Ended Lamps operate at high temperatures, high pressure and emit UV radiation. To protect against the hazards of UV exposure or hot flying fragments, use only in equipment specifying this lamp and that provides a protective shielding of glass or plastic. Do not use in close proximity to combustible materials. To avoid risks of burns or other injury, disconnect power and allow lamp to fully cool before attempting to replace. Adequate ventilation should be provided to ensure that seal temperature does not exceed 350° C.

* — Maximum Beam Candlepower

Footnotes located on page 47

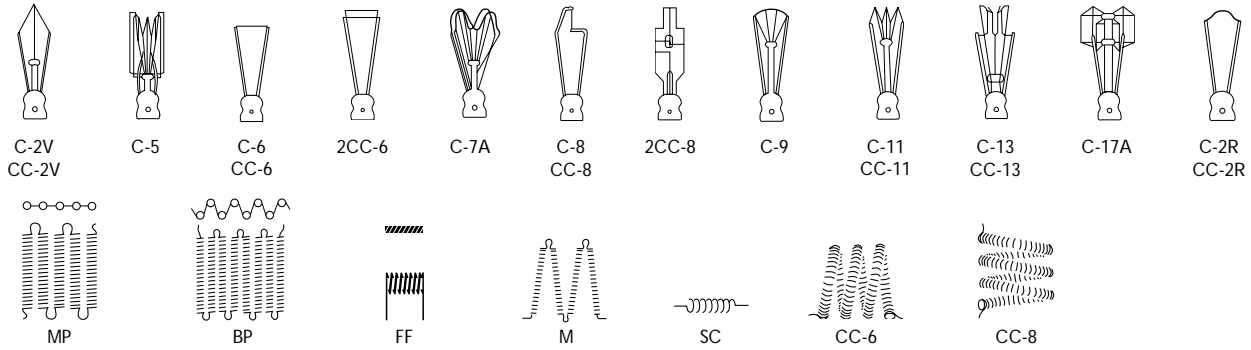


- Quantity shown is minimum shipping container—refer to Net Price Schedule for number of lamps to qualify as a standard case.
 - * Two Lamp Carded Pack.
 - ▲ Aluminum base.
 - Nickel plated brass base.
 - ★ Heat resisting glass bulb.
- (2) Although the lamp is of the highest quality in material and workmanship, it has been designed to meet certain purchase requirements which preclude a guarantee of performance.
- (3) Indefinite-long life.
- (4) Average laboratory life is 200 hours for vacuum cleaner and 600 hours for sewing machine service. Design life 1000 hours.
- (7) Average overall length.
- (8) Operate base down.
- (9) This lamp should be shielded from moisture to prevent breakage.
- (10) Operating position—horizontal.
- (11) Design volts 115.
- (12) Operate base down to horizontal.
- (13) Not recommended for horizontal burning.
- (14) Operate base up.
- (15) Operate base down. Filaments operated separately.
- (16) Flexible connector not included in maximum overall length.
- (17) Designed for use only in special equipment.
- (18) Base is medium left hand thread.
- (19) May not give satisfactory performance if any accessory equipment is attached to or touches the glass bulb.
- (21) Nominal watts. Actual watts are determined by multiplying the volts by the amperes.
- (22) Unsatisfactory lamp operation is likely to occur in operating positions between horizontal and base up, particularly between 45° from base up, and base up.
- (23) May be operated in any position.
- (25) Base pins approximately parallel to plane of filament.
- (26) Use only on circuits supplying the voltage as marked on the lamp. DO NOT use in household sockets.
- (27) Average laboratory life in excess of 5000 hours. In-service life depends upon service conditions.
- (29) Suitable for indoor and outdoor service.
- (31) Operate only in porcelain sockets.
- (32) For use only with heat resistant connector and with lamp supported by bulb rim or metal shell of base.
- (33) Operating position—plane through lamp axis and base terminals horizontal.
- (34) Operate base up to horizontal.
- (37) Should not be used in equipment where the base temperature will exceed 500°F.
- (40) Ceramic sleeve with approx. 6" flexible leads.
- (41) Avoid use at short distances on materials that are inflammable or susceptible to heat damage.
- (42) Use outdoors only in enclosed fixtures or where protected from exposure to water. Use only in fixtures listed by a nationally recognized electrical testing organization.
- (43) Unless otherwise noted, may be operated in any position, but lumen maintenance is best when operated vertically base up.
- (46) Stippled, rounded cover.
- (47) Leads parallel to lamp axis. OAL does not include leads.
- (49) Should not be used in equipment where the seal temperature exceeds 750°F.
- (50) For use on 50-60 cycle A.C. circuits.
- (51) Light output is maintained best when operated within 45° of vertically base up.
- (52) For use only in a fixture with a well-ventilated back.
- (53) The bulb, though made of heat resistant glass, may break if moisture falls on it. Not recommended for use in enclosed, close-fitting housings.
- (54) Operate within 25° of vertically base up. Collector grid.
- (55) For use only with heat resistant connector and with lamp supported by bulb rim.
- (56) Recommended operating position any within 60° of vertically base up or base down but lumen maintenance is best when operated vertically base up.
- (57) When operated in a position other than horizontal, lamp end marked "This end up" should be higher than the other end.
- (59) Life dependent upon service conditions.
- (60) Design volts 480.
- (61) Design volts 570.
- (62) Design volts 600.
- (63) Design volts 145.
- (64) For use only in equipment specially designed to maintain bulb and base temperature within safe limits.
- (65) AA tolerance $\frac{1}{32}$ ", L.C.L. tolerance $\frac{3}{64}$ ".
- (66) Silicone Coating reduces lumen output from Standard Values less than 3%.
- (67) Nominal lumens.
- (68) Lighted length value refers to light center length for this lamp.
- (71) Operating Position—Prongs up or down.
- (72) Light Center Length & Axial Alignment tolerance $\frac{1}{64}$ ".
- (73) Both filaments in multiple.
- (74) Single contact medium bayonet base without pins having 2 or 3-pin focusing sleeve as indicated.
- (75) $2\frac{3}{4}$ " diameter unsilvered spot on end of bulb.
- (76) Design volts 230.
- (77) Collector grid.
- (78) Intermittent operation.
- (81) L.C.L. & Axial Alignment tolerance $\frac{1}{32}$ ".
- (82) To avoid deterioration of lampholder by heat, use only heat resistant lampholders or fixtures listed by a nationally recognized electrical testing organization for use with reflector or PAR lamps.
- (83) Base does not have ceramic insulator.
- (84) Operate 45° base down to horizontal.
- (85) Do not touch bulb with bare hands. Finger-prints may result in reduced performance unless they are removed with alcohol. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.
- (86) See PAR Halogen Caution Notice stated on bottom of page 44.
- (87) Do not allow hot bulb to come in contact with liquid or metal parts of the fixture, as glass may shatter. Do not use outdoors. Do not operate in close proximity to flammable materials or those adversely affected by heat or drying. Operate only in heat resistant sockets.
- (88) WARNING: Use carefully. May cause serious burns. Do not use over insensitive skin areas or in the presence of poor circulation. The unattended use of infrared heat by children or incapacitated persons may be dangerous.
- Lamp should not be placed closer than 18" to the surface being irradiated.
 - Do not use for therapeutic or topical applications unless recommended by a physician.
 - For food warming, use only lamps with heat resisting glass.
- (89) CAUTION: Do not operate in close proximity to flammable materials or those adversely affected by heat or drying. Operate only in heat resistant sockets. WARNING: Use carefully. May cause serious burns. Do not use over insensitive skin areas or in the presence of poor circulation. The unattended use of infrared heat by children or incapacitated persons may be dangerous.
- Lamp should not be placed closer than 18" to the surface being irradiated.
 - Do not use for therapeutic or topical applications unless recommended by a physician.
 - For food warming, use only lamps with heat resisting glass.
- (90) Since there is considerable heat radiation in the beam of this lamp, care should be taken against using it without suitable protection, in close proximity to combustible materials or those adversely affected by drying action.

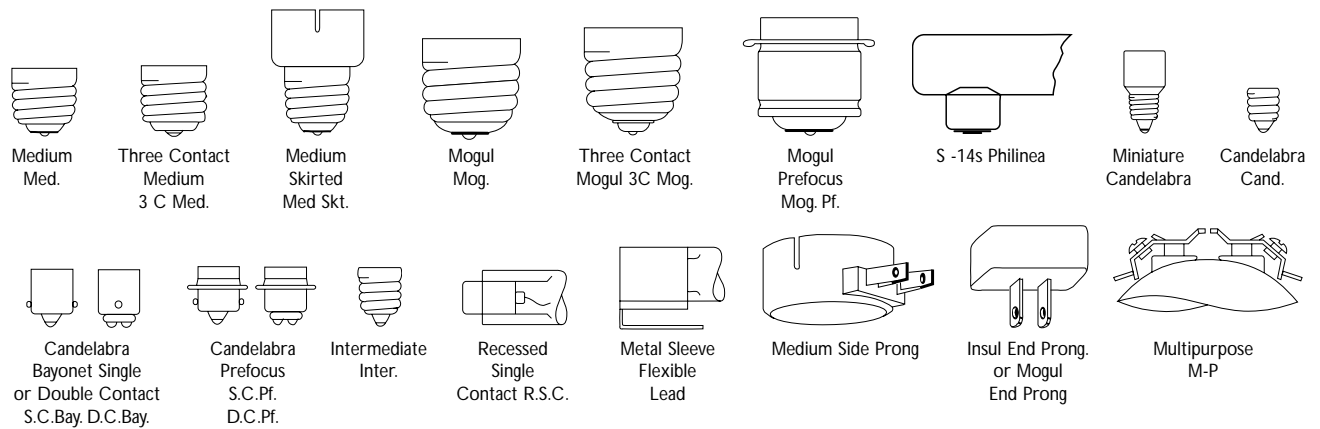
Incandescent/Halogen Filaments, Base Types and Bulb Shapes

Filament Designations

Filament Designations consist of a letter or letters to indicate how the wire is coiled, and an arbitrary number sometimes followed by a letter to indicate the arrangement of the filament on the supports. Prefix letters include C (coil) — wire is wound into a helical coil or it may be deeply fluted; CC (coiled coil) — wire is wound into a helical coil and this coiled wire again wound into a helical coil. Some of the more commonly used types of filament arrangements are illustrated.

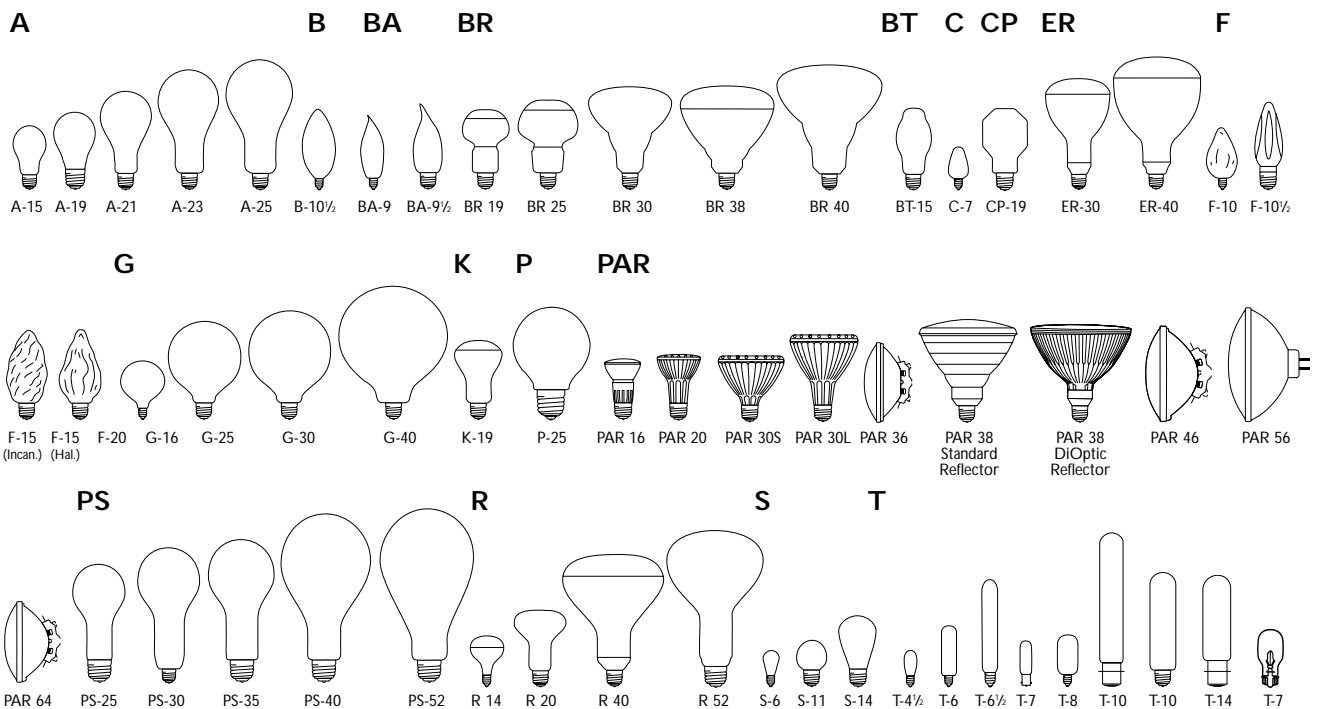


Base Types (Not Actual Sizes)



Bulb Shapes (Not Actual Sizes)

The size and shape of a bulb is designated by a letter or letters followed by a number. The letter indicates the shape of the bulb while the number indicates the diameter of the bulb in eighths of an inch. For example, "T-10" indicates a tubular shaped bulb having a diameter of $\frac{10}{8}$ or $1\frac{1}{4}$ inches. The following illustrations show some of the more popular bulb shapes and sizes.



Incandescent Lamps Ordering Code Cross Reference Guide

A number of incandescent lamps manufactured by Philips are identified with different ordering codes by General Electric and Sylvania. If a Philips Ordering Code is shown, but nothing is shown for General Electric or Sylvania, it means that their ordering code is the same, or they do not make the lamp.

Use this guide particularly on decorative lamps. Refer to it for help on color lamps, extended service lamps and numerous other individual types to provide quick identification of the Philips lamp. For example, an inquiry is received for a 250R40/10 lamp. A quick check in this guide shows that the code 250R40/10 is used by GE and Sylvania and it is comparable to the Philips 250R40/HR.

Philips	General Electric	Sylvania	Philips Volts
15G16½C	15GC (120)	—	120
15G16½C/W	15GC/W (120)	15G16½C/W (120-125)	120
25A19/RS	25A17/RS	25A17/RS	75
25A15/1	—	25A15	120
25B10½	25BC (120)	25B10C/ST/BL (120-125)	120
25BA9C	25CAC (120)	25B10C/BL (120-125)	120
25BA9C/F	25CAC/F (120)	—	120
25BA9C/4M	25CAC/L (120)	—	120
25BA9C/4MF	25CAC/F/L (120)	—	120
25BA9½	25CAM /L(120)	—	120
25BA9½/F	25CAM/F/L (120)	25C11/BL (120-125)	120
25F15	25FM (120)	25F (120-125)	120
25G16½C	25GC (120)	—	120
25G16½C/4MW	25GCW/L (120)	25G16½C/W/4M	120
40A/99	—	40A/99/XL (120,130)	120,130
40A/99CL	—	40A/99/CL/XL (130)	130
40B10½	40BC (120)	40C9½C/BL (120-125)	120
40B10½/W	40BC/W (120)	40C9½C/W/BL (120-125)	120
40BA9C	40CAC (120)	40B10C/BL (120-125)	120
40BA9C/F	40CAC/F (120)	—	120
40BA9C/4M	40CAC/L	—	120
40BA9C/4MF	40CAC/FL	—	120
40BA9½	40CAM (120)	40C11/BL (120-125)	120
40BA9½/F	40CAM/F (120)	—	120
40F15	40FM (120)	40F (120-125)	120
40F15/4M	40FM/L	—	120
40S11N/IF	40S11N/IF	40S11N/CF	120
50A	50A21	50A21	12,34
50A/RS/TF	50A/RS/CVG (120)	50A/RS/SL	120
50/150T/SW	50/150	50/150A/W	120
60A/99	—	60A/99/XL (120,130)	120,130
60A/TF	60A/CVG (120)	60A/SL (120)	120
60A/AGRO	60A/PL	60A/GRO	120
60A19/Colors ⁽²⁾	60A21/Colors (120)	60A19/C Colors (120)	120
60B10½	60BC (120)	60B10C/ST/BL (120-125)	120
60BA9C	60CAC (120)	60B10C/BL (120-125)	120
60BA9C/4M	60CAC/L	—	120
60BA9C/F	60CAC/F (120)	—	120
60BA9½	60CAM (120)	—	120
60T10/64IF	60T10/F (120)	60T10/CF (120)	120
67A21/99/TS	67A21/TS (120,125,130)	67A21/40/8M (120,125,130)	120,130
75A/99	74 A/S	75A/99/XL (120,130)	120,130
75BR30/AGRO	75R30/PL	75R30/GRO	120
100A	100A23	—	12
100A/99	100 A/S	100A/99/XL (120,130)	120,130
100A/ISBIF	100A21/SB (120)	—	120
100A21/99	—	100A21/99/XL (120,130)	120,130
100A21/TF	100A21/CVG (120)	100A21/SL (120)	120
100A/RS/VS	100A/RS (120,130)	100A/RS	120,130
100A/RS/VS ⁽²⁾	100A23/VS (120,130)	100A/VS (120,125,130)	120,130
100A/CL/RS/VS	100A/CL/RS (120,130)	100A/CL/RS	120,130
100A/CL/RS/VS	—	100A/CL/VS(120,125)	120,130
100A/RS/TF	100A/RS/CVG (120)	100A21/RS/SL	120
100A21/99	—	100A21/99/XL (120,130)	120,130
150A/99 ⁽²⁾	150A23/99 (120,130)	150A/99/XL (120,130)	120,130
150PAR/4FL	150PAR/4	150PAR/4	120-130
150PAR/5FL	150PAR/5	150PAR/5	120-130
150PAR/WFL	—	150PAR38/VWFL	120,130
1950L/P25/TS	—	1950L/P25/8 (120,130)	120,130
150PS25/99	150/99 (120,130)	150/99/XL (125,130)	120,130
150PS25/99CL	150/99CL (120,130)	150/99/CL/XL (230-250)	250
150PS25/TF	150PS25/CVG (120)	150/SL	120
150R/AGRO	150R40/PL	150R40/GRO	120
200A/99CL	200A/99CL (125-130)	—	130
200/TF	200PS30/CVG (120)	200PS30/SL	120
200PS30/RS/TF	200PS30/RS/CVG (120)	200PS30/23/SL	120
200/99IF	200/99IF (230-250)	200/99/IF/XL (230-250)	250
250R40/HR	250R40/10	250R40/10	120

MasterLine® Halogen PAR Ordering Code Cross Reference Guide

Philips	General Electric	Sylvania
45PAR16/HAL/NSP10	—	60PAR16/CAP/NSP10
45PAR16/HAL/NFL27	—	60PAR16/CAP/NFL30
60PAR16/HAL/NSP10	—	75PAR16/CAP/NSP10
60PAR16/HAL/NFL27	—	75PAR16/CAP/NFL30
50PAR20/HAL/NSP9	50PAR20/H/NSP8	50PAR20/CAP/NSP10
50PAR20/HAL/SP16	50PAR20/SP/HAL	—
50PAR20/HAL/NFL30	50PAR20/H/NFL25	50PAR20/CAP/NFL30
50PAR30L/HAL/NSP9	—	50PAR30LN/CAP/NSP9
50PAR30L/HAL/SP16	50PAR30L/H/12	—
50PAR30L/HAL/NFL30	50PAR30L/H/25	50PAR30LN/CAP/NFL30
50PAR30L/HAL/FL40	50PAR30L/H/40	—
50PAR30L/HAL/WFL60	50PAR30L/H/60	50PAR30LN/CAP/WFL50
50PAR30S/HAL/NSP10	50PAR30/H/NSP8	50PAR30/CAP/NSP9
50PAR30S/HAL/NFL30	50PAR30/H/NFL25	50PAR30/CAP/NFL30
50PAR30S/HAL/FL40	50PAR30/H/FL35	50PAR30/CAP/FL40
75PAR30S/HAL/NSP10	75PAR30/H/NSP11	75PAR30/CAP/NSP9
75PAR30S/HAL/NFL30	75PAR30/H/NFL25	75PAR30/CAP/NFL30
75PAR30S/HAL/FL40	75PAR30/H/FL35	75PAR30/CAP/FL40
75PAR30L/HAL/NSP9	—	75PAR30L/CAP/NSP9
75PAR30L/HAL/SP16	75PAR30L/H/12	—
75PAR30L/HAL/NFL30	75PAR30L/H/25	75PAR30L/CAP/NFL30
75PAR30L/HAL/FL40	75PAR30L/H/40	—
45PAR38/HAL/SP12	45PAR/H/SP11	45PAR/CAP/SP12
45PAR38/HAL/FL28	45PAR/H/FL30	45PAR/CAP/FL30
60PAR38/IRC/SP10	60PAR/HIR/SP10	60PAR/CAP/SP10
60PAR38/IRC/WSP12	—	60PAR/WSP12
60PAR38/IRC/FL25	60PAR/HIR/FL30	60PAR/FL30
60PAR38/IRC/WFL60	—	—
75PAR38/HAL/SP10	75PAR/H/NSP8	75PAR/CAP/SP10
75PAR38/HAL/FL27	75PAR/H/NFL25	75PAR/CAP/FL30
90PAR38/HAL/SP12	90PAR/H/SP10	90PAR/CAP/SP12
90PAR38/HAL/FL28	90PAR/H/FL30	90PAR/CAP/FL30
90PAR38/HAL/WFL60	—	90PAR/CAP/WFL50
100PAR38/IRC/SP10	100PAR/HIR/SP10	—
100PAR38/IRC/FL25	100PAR/HIR/FL25	—
100PAR38/IRC/WFL60	—	—

Halogen Capsules

Generic	Philips	General Electric	Sylvania
Plant Lamp	Agro-Lite	“Gro and Sho”	Spot-GRO
Bug Lamp	Bug-A-Way®	Bug-Lite	Bug-lite
Colored Lamp	Colortone®	“Party-Bulb”	No Trade Name
Energy Saving	Econ-o-Par or Econ-o-watt®	WATT-MISER or MISER	Energy Pincher or SuperSaver
Reflector Red Heat Lamp	Heat-Ray	No Trade Name	No Trade Name
Long Tubular Incandescent	Philinea	No Listing	No Listing
Double Reflector	SPOTLINE™	No Listing	No Listing
Shatter Resistant	Silicone Coated	COV-R-GUARD	Sate Line
3000-3500 Hour	Industrial Service	Survivor	No Listing
2500 Hour	Extended Service	Extended Service	Excel-Line
Dichroic Reflector	Cool Beam	Cool-Beam	Cool-Lux

Halogen Capsules, additional comparisons

Philips	General Electric	Sylvania	EYE (Iwasaki)
5W12V/Capsule	Q5T3/CL	5T3Q/CL	JC12V5W/G4
10W12V/Capsule	Q10T3/CL	10T3Q/CL	JC12V10W/G4
20W12V/Capsule	Q20T3/CL	20T3Q/CL/AX	JC12V20W/G4
20W24V/Capsule	Q20T3/CL (24V)	—	JC24V20W/G4
35W12V/Capsule	—	35T4Q/CL/AX	JC12V35W/G1
50W12V/Capsule	Q50T4/CL	50T4Q/CL	JC12V50W/G1

