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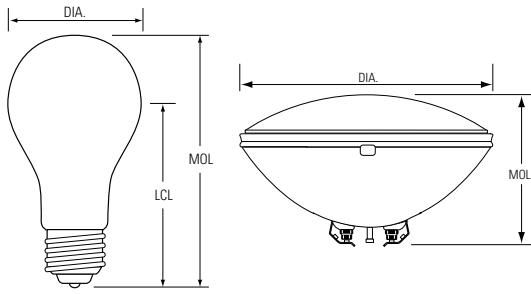
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### BULB IDENTIFICATION



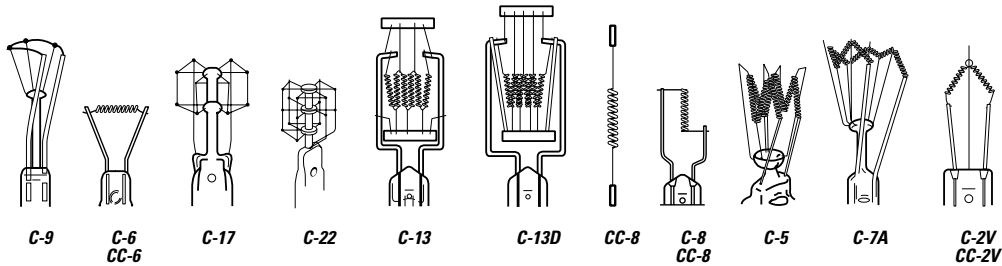
DIA: Diameter of bulb at widest point.  
MOL: Maximum Overall Length including base or pins.

LCL: Distance between the center of the arc tube and the Light Center Length reference plane.

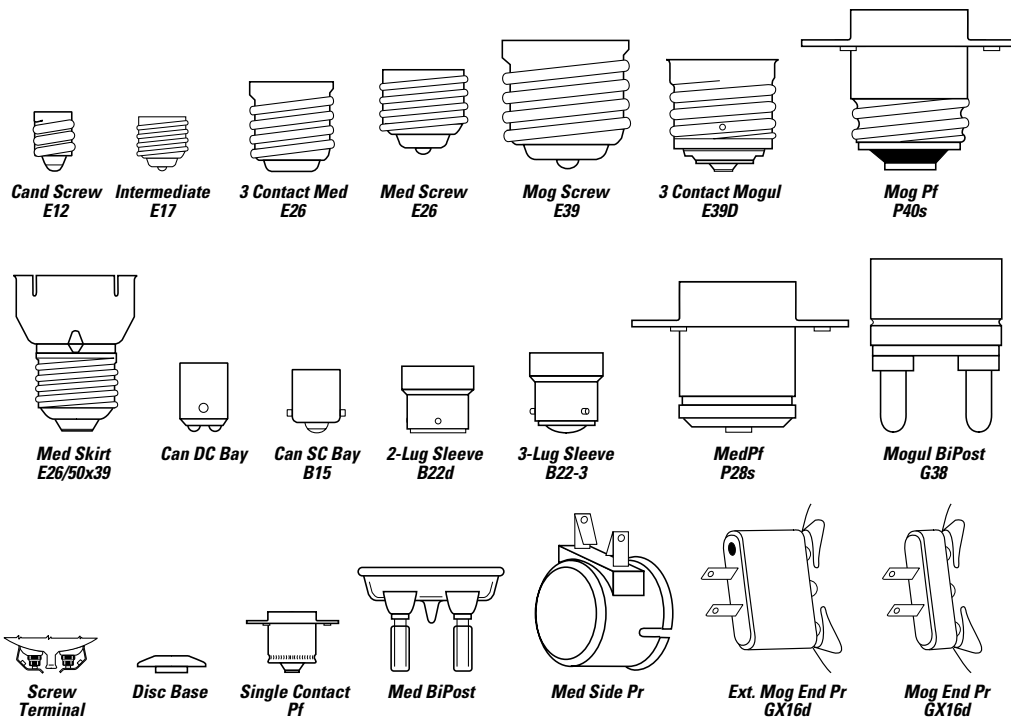
Note: Lamp drawings are not drawn to scale. Be sure to check size and dimension information when identifying each lamp.

To convert inches to millimeters, multiply the dimension (in inches) by 25.4 (i.e. 1.5" x 25.4 = 38.1 mm).

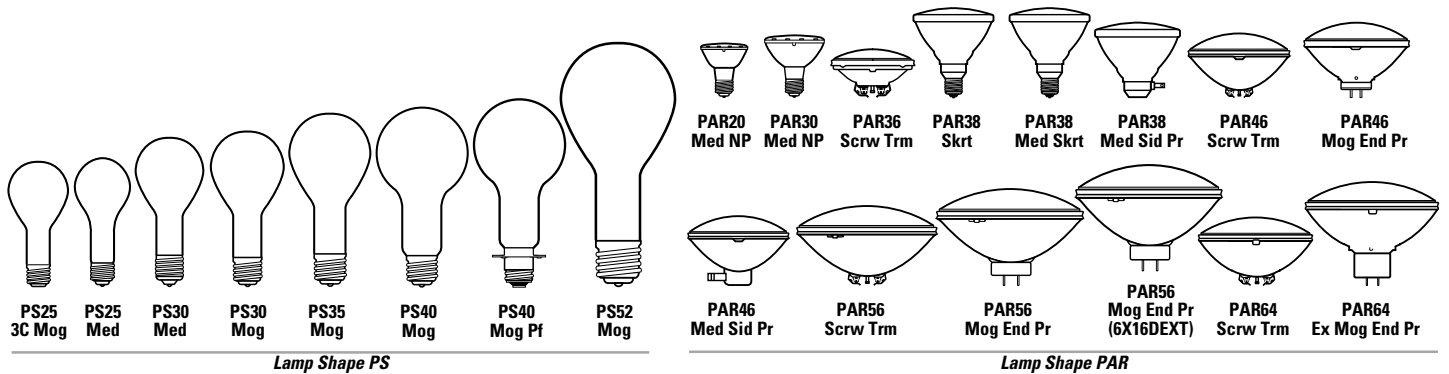
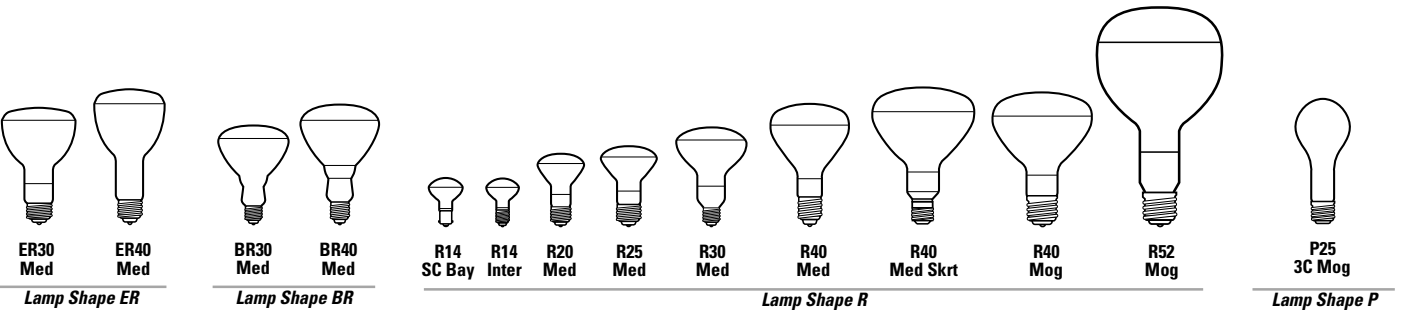
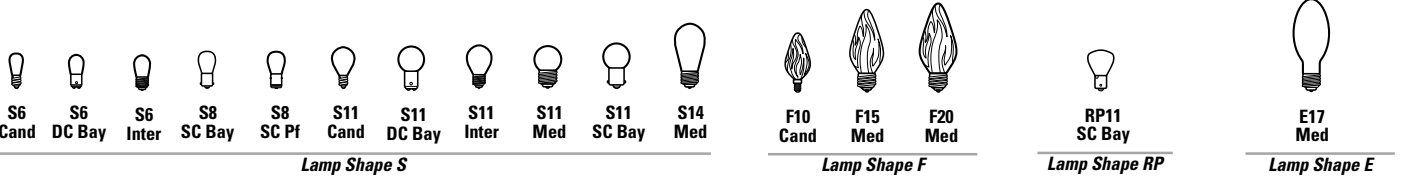
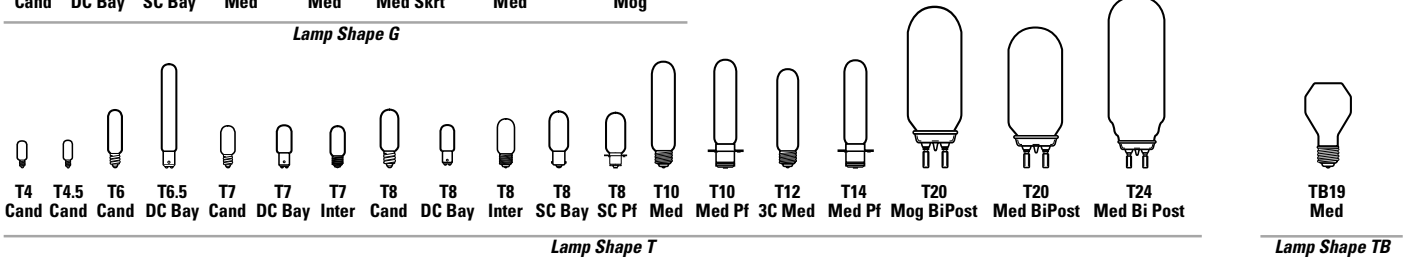
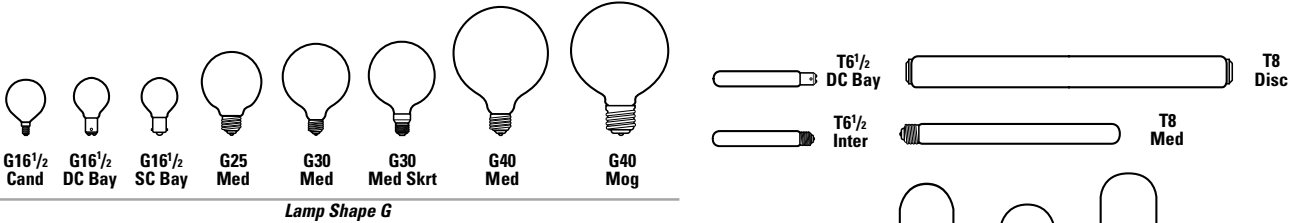
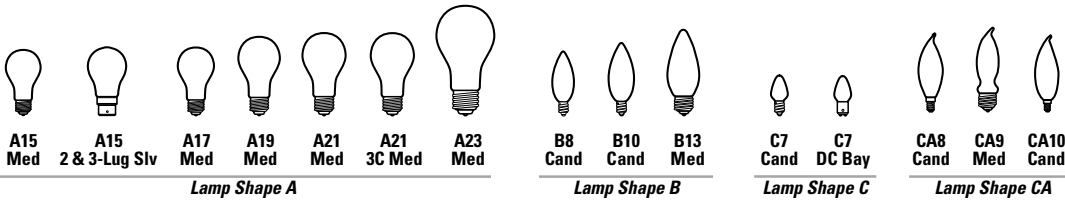
### FILAMENT IDENTIFICATION



### BASE IDENTIFICATION



### LAMP LOCATOR



**INTRODUCTION**

In an incandescent lamp, light is generated by heating the filament to incandescence. The hotter the filament, the more efficient it is in converting electricity to light. However, when the filament operates hotter, its life is shortened so the design of each lamp is a balance between efficiency and life. This is why lamps of equal wattage may have different lumen ratings and different life ratings.

Incandescent lamps of similar size are commonly available with different wattage ratings. The fixture wattage limit should not be exceeded.

**PROTECTION FROM MOISTURE**

When **HRG** (Hard Glass) appears in the Lamp Description column, the outer bulbs are made of special thermal-shock-resistant glass. However, sometimes external protection of the lamps is also needed to eliminate the chance of bulb breakage due to contact with water during operation. Footnotes will indicate when external protection is needed. Where **HRG** is not shown, the bulb glass is such that the lamps require protection from exposure to mist or condensation as well as direct contact with water during operation.

**RATED AVERAGE LIFE**

Values are based on a large number of representative lamps under controlled conditions. Individual lamps or groups of lamps may vary from the Rated Average Life shown. Rated Average Life is a median value of life expectancy – the total operating time at which under normal conditions 50% of any large group of initially installed lamps are expected to be still burning.

**BASES**

When Footnote 23 or **BB** (Brass Base) appears in the Lamp Designation or Description column, the lamp is supplied only with a brass base. Brass Bases are recommended for outdoor lighting applications.

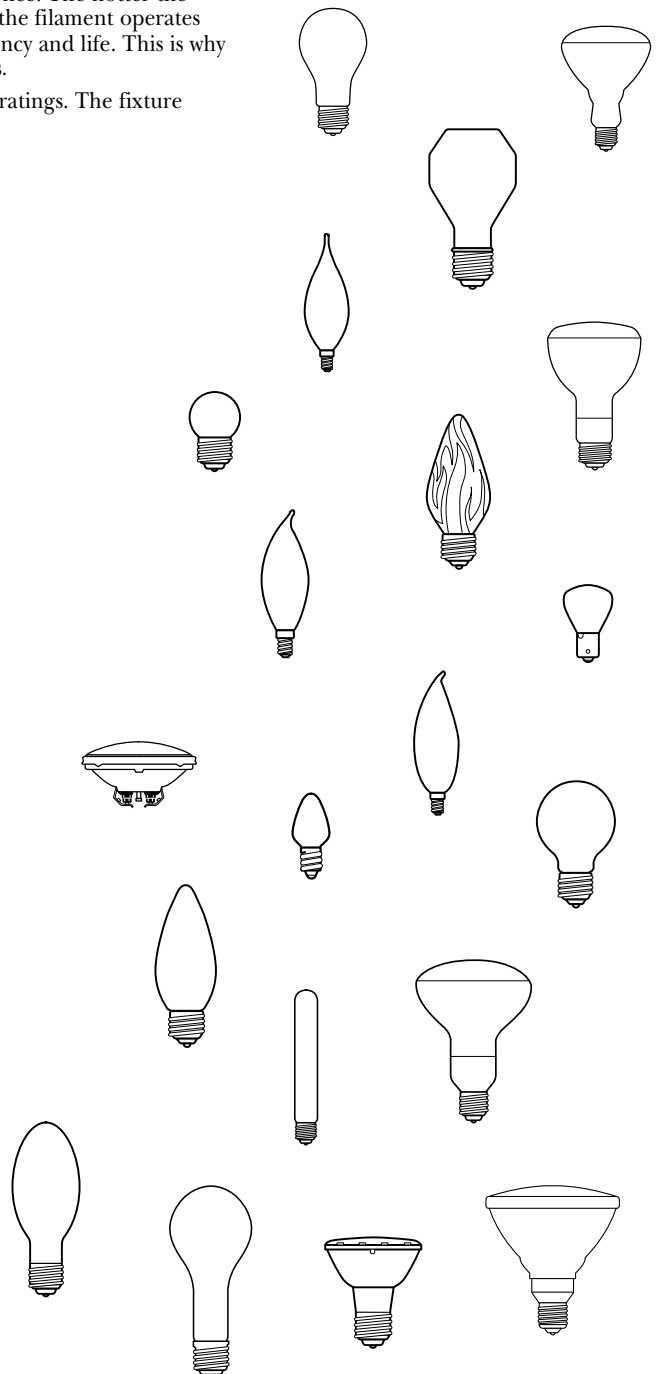
**BURNING POSITION**

Limitations on lamp operating position are shown in the Description column.

The following abbreviations are used:

**BDTH** (Burn lamp in Base Down To Horizontal Position)

**BUTV** (Burn lamp in Base Up To Vertical Position).



To learn more about B-I-A please visit us at our  
WEB site: [www.BiaGmbH.com](http://www.BiaGmbH.com)





### WATT-MISER® A-LINE BULBS

Replaces standard incandescent bulbs\* for...

- 33% longer life
- 10-15% energy cost savings
- Available in 34-135 watts to replace 40-150 watt standard bulbs
- For even longer life – 2500 hours – use Watt-Miser® Plus (WMP) bulbs

\* Some loss of light, depending on wattage selected, when replacing standard bulbs. See catalog listing for lumen ratings.

### SURVIVOR™ A-LINE BULBS

Built to last, even under many "rough" service conditions...

- Five filament support design protects against early burnouts caused by bumps, jars and vibration
- Longer life... lasts 3000 hours. 3-4 times longer than standard bulbs\*
- Popular wattages available
- Economically priced
- Best A-line choice for general commercial/industrial use

\* Survivor bulbs provide a 300%-400% increase in life with 68%-75% of the light of ordinary bulbs.

### COV-R-GUARD™ A-LINE BULBS

- Teflon®\* coating is shatter and weather-resistant
- Resists breakage from heat and thermal shock that can occur from water, sleet, snow, molten solder, and weld spatter
- Wide choice of wattages and voltages
- Rough service version available for extra tough conditions

#### Uses:

Construction sites, loading docks, string lighting, elevators, trouble light, metal fabricating, food processing areas, farms.

\* Teflon is a registered trademark of DuPont.

### LONG LIFE FLOODLIGHT OR SPOTLIGHT

- 25% longer life than standard reflectors. Ideal for use in high ceilings and hard to reach track lighting.
- Easy replacement – same length and width as standard R bulbs.
- Some lumen loss from standard reflectors (See listing for lumen values).
- Available in 45w floodlight and 65w floodlight and spotlight.

#### Uses:

Down lighting, display lighting, accent lighting, wall washing. Wherever standard reflector bulbs are used.


Standard Lamp	40-watt 1000 hr.	60-watt 1000 hr.	75-watt 750 hr.	100-watt 750 hr.	150-watt 750 hr.
<b>ENERGY SAVINGS OVER LAMP LIFE WITH WATT-MISER® BULBS</b>					
Energy-Saving Replacement	Replace with 34-watt Watt-Miser® 2000 hr.(1)	Replace with 52-watt Watt-Miser® 1330 hr.(2)	Replace with 67-watt Watt-Miser® 1000 hr.(3)	Replace with 90-watt Watt-Miser® 1000 hr.(4)	Replace with 135-watt Watt-Miser® 1000 hr.(5)
<b>10¢ KWH Rate</b>					
	\$1.20	\$1.06	\$1.07	\$1.33	\$2.00


(1) 40-watt 1000 hr. 505 lumens compared to 34-watt 2000 hr. 380 lumens  
 (2) 60-watt 1000 hr. 865 lumens compared to 52-watt 1330 hr. 730 lumens  
 (3) 75-watt 750 hr. 1190 lumens compared to 67-watt 1000 hr. 1030 lumens  
 (4) 100-watt 750 hr. 1710 lumens compared to 90-watt 1000 hr. 1465 lumens  
 (5) 150-watt 750 hr. 2850 lumens compared to 135-watt 1000 hr. 2380 lumens

### HEADINGS IN THIS CATALOG SECTION

The following terms and descriptions can help you when checking Incandescent lamp specifications and when ordering products. Within this product line, lamps are divided by wattage. Within wattage, lamps are listed alphabetically by bulb shape.

<p><b>Bulb:</b> Bulb shape followed by its size (the maximum diameter of the bulb expressed in eighths of an inch).</p>	<p><b>Product Code:</b> It is important to use this five-digit code when ordering to ensure that you receive the exact product you require.</p>	<p><b>Lamp Description:</b> The lamp's identification code.</p>	<p><b>Case Quantity:</b> Number of product units packed in a case.</p>	<p><b>Energy Used-Nominal Watts:</b> Energy Used (as defined by FTC Lamp Label Rules). To estimate energy consumption (kWh), multiply watts x hours of use and divide by 1000.</p>	<p><b>Life-Hours:</b> Life (as defined by FTC Lamp Label Rules) is rated average life in hours. (see page 1-32).</p>	<p><b>Approximate Beam Spread:</b> For reflector type lamps. The total angle of the directed beam (in degrees) to where the intensity of the beam falls to 50% of the maximum value.</p>
<p><b>Base:</b> The type of base.</p>	<p><b>Volts:</b> Lamp data is based on operation at rated voltage.</p>	<p><b>Light Output-Lumens:</b> Light output (as defined by FTC Lamp Label Rules) is rated average lumens.</p>	<p><b>Additional Information:</b> Typical application and/or other important information, including footnotes ( )*</p>	<p><b>Color Temperature - Kelvins (K):</b> "Warmth" or "Coolness" of the lamp, measured in Kelvins (K). The higher the temperature, the cooler the appearance of the light.</p>	<p><b>Approximate CBCP (Center Beam Candlepower):</b> For reflector type lamps. Center Beam Candlepower is the intensity (candelas) at the center or maximum intensity of the beam.</p>	<p><b>LCL in.:</b> Distance between the center of the filament and the Light Center Length reference plane, in inches.</p>
<p><b>MOL in.:</b> Maximum Overall Length in inches.</p>						

 Indicates that this is a reduced wattage option for lamps normally used in this application. Be sure to check wattage, lumens and life to determine which lamp is best suited to your needs.

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
<b>WATT-MISER® AND MISER® LAMPS</b>														
<b>65 WATTS</b>														
BR30	Med	14264 	<b>75R30/SP/65WM</b>	130	24	Reflector Spot (4, 35, 56)*	725	65	2000	CC-6	5 3/8			













## 75 R30/ SP/ 65WM

Identifies the lamp's wattage.      Identifies the lamp's shape.      Identifies the lamp as a spotlight.      Identifies the lamp as a Watt-Miser®

**WHEN YOU DON'T KNOW THE LAMP DESCRIPTION**

1. Identify the lamp wattage.
2. Measure bulb diameter using ruler in **Document #4700** to determine width in eighths of an inch.
3. Identify base type using table on page **1-2**.
4. Find your lamp in the table containing the bulb wattage, then match the shape, size and base, which are all listed alphabetically.

To save energy costs, find the bulbs with the light output you need, then choose the one with the lowest watts. To convert inches to millimeters, multiply by 25.4.  
© Means this lamp meets Federal Minimum Efficiency Standards. ( ) \* All footnote references found at the end of this section.  Reduced Wattage










Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>															
<b>3 WATTS</b>															
	S6	Cand	11098	3S6/5 24PK	130	24	Clear-Indicator	11	3	3000	C-7A	1 7/8	1 3/8		
<b>4 WATTS</b>															
	C7	Cand	43050	4C7 CD/2	120	240	Long Life Clear Night Light (9, 101)*	4	3000	C-7A	2 1/8				
			16001	4C7/W CD/2	120	240	White-Long Life Night Light (9, 101)*	4	3000	C-7A	2 1/8				
			26223	4C7/BL-CD2 6PK	120	240	Long Life Blue Night Light (9, 101)*	4	3000	C-7A	2 1/8				
			26222	4C7/PK-CD2 6PK	120	240	Long Life Pink Night Light (9, 101)*	4	3000	C-7A	2 1/8				
			20572	4C7/S CD/4	120	120	Standard Clear Night Light (44, 101)*	4	2000	C-7A	2 1/8				
			20573	4C7/W/S CD/4	120	120	Standard White Night Light (44, 101)*	4	2000	C-7A	2 1/8				
<b>6 WATTS</b>															
	S6	Cand	11316	6S6 24PK	12	24	Clear-Indicator	50	6	1500	C-2V	1 7/8	1 3/8		
			11329	6S6	24	240	Clear-Indicator	50	6	1500	C-2V	1 7/8	1 3/8		
			11331	6S6 24PK	30	24	Clear-Train	50	6	1500	C-2V	1 7/8	1 3/8		
			43397	6S6/BB	32	24	Clear-Train, BB (23)*	50	6	1500	C-2V	1 7/8	1 3/8		
			11577	6S6/3	120	240	Clear-Signal Light (6)*	23	6	5000	C-7A	1 7/8	1 3/8		
			11367	6S6 TRAY	120	240	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 7/8	1 3/8		
			15820	6S6 CD/2	120	240	Clear-Indicator (9)*	41	6	1500	C-7A	1 7/8	1 3/8		
			11369	6S6 TRAY	130	240	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 7/8	1 3/8		
			11372	6S6	145	240	Clear-Indicator	41	6	1500	C-7A	1 7/8	1 3/8		
			11374	6S6	155	240	Clear-Indicator	41	6	1500	C-7A	1 7/8	1 3/8		
		Inter	11660	6S6/7 24PK	120	24	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 13/16	1 1/16		
		DC Bay	11357	6S6DC 24PK	75	24	Clear-Indicator	45	6	1500	C-7A	1 13/16	1 7/16		
			11592	6S6DC TRAY	120	240	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 13/16	1 7/16		
			11594	6S6DC TRAY	130	240	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 13/16	1 7/16		
			11609	6S6DC 24PK	145	24	Clear-Indicator. 12-Lamp Tray	41	6	1500	C-7A	1 13/16	1 7/16		
	T4 1/2	Cand	11764	6T4 1/2/1	130	100	Clear-Indicator	42	6	1500	C-7A	1 7/8	1 5/16		
<b>7 WATTS</b>															
	C7	Cand	11779	7C7 TRAY	120	240	Clear-Indicator. 12-Lamp Tray	46	7	3000	C-7A	2 1/8			
			11792	7C7 TRAY	130	240	Clear-Indicator. 12-Lamp Tray	46	7	3000	C-7A	2 1/8			
			11815	7C7/W TRAY	120	240	White-Indicator. 12-Lamp Tray	36	7	3000	C-7A	2 1/8			
<b>7.4-7 1/2 WATTS</b>															
	T6 1/2	DC Bay	43409	7.4T6 1/2/DC/F	10.5	60	Frost-Exit Sign	55	7	10000	C-8	5 1/2			
	S11	Med	41267	7 1/2/S/CW CARD	120	240	White (101)*	39	7.5	1400	C-9	2 1/4			
			11922	7 1/2/S/CW TRAY	130	240	White-12-Lamp Tray	39	7.5	1400	C-9	2 1/4			
			11847	7 1/2/S TRAY	120	240	Clear-12-Lamp Tray	53	7.5	1400	C-9	2 1/4			
			11848	7 1/2/S TRAY	130	240	Clear-12-Lamp Tray	53	7.5	1400	C-9	2 1/4			
			11880	7 1/2/S/CG TRAY	120	240	Green-12-Lamp Tray	7.5	1400	C-9	2 1/4				

To save energy costs, find the bulbs with the light output you need, then choose the one with the lowest watts. To convert inches to millimeters, multiply by 25.4.  
 © Means this lamp meets Federal Minimum Efficiency Standards. (\*) \* All footnote references found at the end of this section. ➤ Reduced Wattage















Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread	
<b>INCANDESCENT LAMPS</b>															
<b>7½ WATTS</b>															
	S11	Med	11911	7½S/CR TRAY	130	240	Red-12-Lamp Tray	7.5	1400	C-9	2¼				
<b>10 WATTS</b>															
	C7	DC Bay	11994	10C7DC TRAY	120	240	Clear-Indicator. 12-LampTray (6)*	40	10	5000	C-7A	2⅞			
	S6	Cand	12041	10S6/10 24PK	230	24	Clear-Indicator	66	10	1500	C-7A	1⅞	1⅜		
			12050	10S6/10 24PK	250	24	Clear-Indicator	66	10	1500	C-7A	1⅞	1⅜		
	S11	DC Bay	12060	10S6/10DC 24PK	230	24	Clear-Indicator	66	10	1500	C-7A	1¼	1⅞		
			Cand	12249	10S11/79	120	120	Clear-Indicator	80	10	1500	C-7A	2¼	1⅞	
	S11	Inter	12188	10S11N/F	120	120	Frost-Appliance	79	10	1500	C-7A	2⅞	1⅞		
			12186	10S11N	120	120	Clear-Sign, BB (23)*	80	10	1500	C-7A	2⅞	1⅞		
			12185	10S11N	130	120	Clear-Sign, BB (23)*	80	10	1500	C-7A	2⅞	1⅞		
<b>11 WATTS</b>															
	S14	Med	12575	11S14	130	120	Clear-Sign, BB (23)*	77	11	3000	C-9	3½	2½		
			12589	11S14/IF	130	120	I.F.-Sign, BB (23)*	76	11	3000	C-9	3½	2½		
			12621	11S14/R	130	120	Red-Sign, BB (23)*	11	3000	C-9	3½				
			12632	11S14/Y	130	120	Yellow-Sign, BB (23)*	11	3000	C-9	3½				
<b>12-13 WATTS</b>															
	S8	SC Bay	10690	12S8/93T-6PK CD/2	12	240	Low Voltage, High Intensity (9, 66, 74)*	200	12	1000	C-2R	2	1¼		
	S11	SC Bay	12649	13/3½S11/95	10	120	Clear-Railway Signal Light, Filament in multiple (70)*	180	13.5	1000	CC-6 C-12	2⅞	1¼		
<b>15 WATTS</b>															
	A15	Med	12658	15A15	130	120	Inside Frost	125	15	2500	C-9	3½	2⅞		
			16215	15A15/CL/BB	130	120	Clear-Sign, BB (23)*	110	15	3000	C-9	3½	2⅞		
			41270	15A/W 24PK	120	120	Soft White	110	15	2500	C-9	3½			
			12784	15A	34	120	I.F.-Train (53)*	180	15	1000	C-9	3⅝	2⅞		
	R14	SC Bay	33404	15R14SC/SP	12	120	Reflector Spot Light-Inside Frost, BB (4, 23)*	135	15	2000	CC-8	2⅞			
	S11	Cand	13236	15S11/14	120	120	Clear-Medical Spot	150	15	200	C-7A	2¼	1⅞		
			13210	15S11/13	120	120	Clear	137	15	750	C-7A	2¼	1⅞		
	S11	DC Bay	13188	15S11/3DC	75	120	Clear-Train	138	15	1000	C-9	2⅞	1¼		
		Med	13291	15S11/102 TRAY	120	240	Clear-Refrigerator 12-LampTray	137	15	400	C-7A	2¼			
	S14	Med	11137	15S14/GR/CL/8	130	120	Clear-Sign. Group Replacement, BB (23)*	90	15	8000	C-9	3½	2½		
			42590	15S14/F/BB	34	120	Frost-Locomotive Cab (23)*	144	15	1000	C-9	3½	2½		
	T6	Cand	13390	15T6	120	60	Clear-Switchboard	107	15	2000	C-7A	3⅞			
			13402	15T6	145	60	Clear-Switchboard	102	15	2000	C-7A	3⅞			
			22114	15T6C CARD	145	120	Clear-Switchboard. Blister Card	102	15	2000	C-7A	3⅞			
	T7	Cand	13494	15T7C	120	120	Clear-Signal Light. Appliance (29, 62)*	108	15	3000	C-7A	2¼	1½		
			Inter	35153	15T7N CARD	120	240	Clear-Appliance (29, 62)*	108	15		C-7A	2¼	1⅞	
			DC Bay	35154	15T7DC CARD	120	240	Clear-Appliance 12-Pack (29, 62)*	108	15		C-7A	2¼	1⅞	
	T10	Med	34407	15T10 24PK	120	24	Clear-Aquarium	120	15	2500	C-8	5⅞			
<b>15-135-150 WATTS</b>															
	A21	3C Med	23068	15/150/SECURITY 12PK	120	60	Security 3-Way, Soft White (25)*	75 2080 2155	15 135 150	3000 1500 1500	C-2R CC-8	5¼	3⅞		

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	Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>																
<b>18 WATTS</b>																
	S11	SC Bay	13655	18S11/1SC	10	120	Clear-Railway Signal Light (70)*	250	18	2000	CC-6	2 3/8	1 1/4			
			13659	18/3 1/2 S11SC	10	120	Clear-Railway Signal Light. C-12 Filament in multiple (70)*	300	18	1000	CC-6	2 3/8	1 1/4			
	A15	2-Lug Slv	13644	18/3 1/2 A15/5	10	120	Clear-Railway Signal Light CC-6 Filament in multiple, 2-Lug Base (10)*	235	18	1500	CC-6	3 3/4	2 7/32			
		3-Lug Slv	13647	18/3 1/2 A15/7	10	120	CC-6, 3-Lug Base, Railway Signal (10)*	235	18	1500	CC-6	3 3/4	2 3/16			
<b>20-24 WATTS</b>																
	S11	SC Bay	19549	20S11/1SC	10	120	Railway Signal Light		20	3000	CC-6	2 3/8	1 1/4			
	T6 1/2	Inter	34272	20T6 1/2 F	120	60	Frost-Exit Light (6)*	90	20	7000	C-8		5 1/2			
		DC Bay	34241	20T6 1/2 DC/F	120	60	Frost-Exit Light (6)*	90	20	5000	C-8		5 9/16			
<b>25 WATTS</b>																
	A15	Med	44448	25A15/RFL	130	120	Reflector Sign-Light I.F. BB (23)*	150	25	3000	C-9	3 1/2	2 3/8			
	A17	Med	13744	25A17/RS	75	120	I.F.-Train. Rough Service (53)*	250	25	1000	C-9	3 5/8	2 1/2			
	A19	Med	35613	25A	130	120	Inside Frost	215	25	2500	CC-6	4 1/4	2 1/2			
			41272	25A/W 24PK	120	120	Soft White	210	25	2500	CC-6	4 1/4	2 1/2			
			13990	25A/CL	120	120	Clear-Decorative	215	25	2500	CC-6	4 1/4	2 1/2			
			15064	25A/CL 24PK	120	120	Clear	215	25	2500	CC-6	4 1/4	2 1/2			
			13992	25A/CL	130	120	Clear	215	25	2500	CC-6	4 1/4	2 1/2			
			33486	25A/RS 24PK	120	24	I.F.-Rough Service (95)*	190	25	1000	C-17	3 7/8	2 9/16			
			14293	25A19/GR/CL	130	120	Clear-Sign, Group Replacement, BB (23)*	190	25	3000	C-9	3 7/8	2 3/8			
			19316	25A/GR/CL/8	130	120	Clear-Long Life Sign, BB (23)*	120	25	8000	C-9	3 7/8	2 3/8			
			37577	25A/B 24PK	120	24	Blue, BB (23)*	25	2500	C-9	3 7/8					
			37578	25A/G 24PK	120	24	Green, BB (23)*	25	2500	C-9	3 7/8					
			40320	25A/O 24PK	120	24	Orange, BB (23)*	25	2500	C-9	3 7/8					
			37579	25A/R 24PK	120	24	Red, BB (23)*	25	2500	C-9	3 7/8					
			37793	25A/Y 24PK	120	24	Yellow, BB (23)*	25	2500	C-9	3 7/8					
			49724	25A/TB 6PK	120	120	Transp. Blue-Party Light	25	2500	C-9	3 7/8	2 3/8				
			49725	25A/TG 6PK	120	120	Transp. Green-Party Light	25	2500	C-9	3 7/8	2 3/8				
			22730	25A/TPK 6PK	120	120	Transp. Pink-Party Light	25	2500	C-9	3 7/8	2 3/8				
			22731	25A/TP 6PK	120	120	Transp. Purple-Party Light	25	2500	C-9	3 7/8	2 3/8				
			49727	25A/TR 6PK	120	120	Transp. Red-Party Light	25	2500	C-9	3 7/8	2 3/8				
			22732	25A/TE 6PK	120	120	Transp. Teal-Party Light	25	2500	C-9	3 7/8	2 3/8				
			49728	25A/TY 6PK	120	120	Transp. Yellow-Party Light	25	2500	C-9	3 7/8	2 3/8				
			13769	25A	12	120	Inside Frost (53)*	378	25	1000	C-6	3 7/8	2 9/16			
			13784	25A	34	120	I.F.-Train (53)*	390	25	1000	C-9	3 7/8	2 9/16			
			13879	25A	250	120	Inside Frost (53)*	220	25	1000	C-17A	3 7/8	2 9/16			
	G16 1/2	SC Bay	14483	25G16 1/2 SC	120	60	Clear-Railway Signal Light (69)*	220	25	1000	C-5	3	1 1/4			
	PAR36	Scrw Term	14553	25PAR36	5.5	12	Pin Spot. Filament Shield (15)*	100	25	1000	C-6	2 3/4		3000	19700	5
			14554	25PAR36/NSP	12	12	Narrow Spot-Filament Shield (15)*	100	25	2000	C-6	2 3/4			2600	9
			14555	25PAR36/WFL	12	12	Wide Flood-Filament Shield (15)*	100	25	1000	C-6	2 3/4			360	25x37





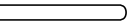






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Bulb	Base	Product Code	Lamp Description	Case Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>															
<b>25 WATTS (Continued)</b>															
	PAR36	Scrw Term	14556	25PAR36/VWFL	12	12	Very Wide Flood. Filament Shield (15)*	100	25	2000	C-6	2 3/4		160	55
			14562	25PAR46	5.5	12	Pin Spot. Filament Shield (15)*	140	25	1000	C-6	3 3/4		55000	5.5x4.5
	R14	Inter	39156	25R14N	120	120	Reflector-Light Inside Frost, BB (4, 23)*	25	1500	CC-2V	2 9/16				
			18230	25R14N	130	120	Reflector-Light Inside Frost, BB (4, 23)*	25	1500	CC-2V	2 9/16				
		SC Bay	33405	25R14SC/SP	12	120	Reflector Spot, Light I.F. BB (4, 23)*	25	2000	CC-8	2 5/8				
	S11	Cand	14585	25S11/2C	120	120	Clear-Medical Spot	260	25	500	C-7A	2 1/4	1 7/16		
			14594	25S11/5C	120	120	Reprographic-Frost. Printer	260	25	500	C-7A	2 1/4	1 9/16		
		SC Bay	14575	25S11/4SC	10	120	Clear-Railway Signal Light (70)*	360	25	1000	CC-6	2 3/8	1 1/4		
	T6 1/2	Inter	14639	25T6 1/2	120	60	Clear-Showcase	244	25	1000	C-8	5 1/2			
			15821	25T6 1/2 CARD	120	120	Clear-Showcase	244	25	1000	C-8	5 1/2			
			14641	25T6 1/2	130	60	Clear-Showcase	244	25	1000	C-8	5 1/2			
			14668	25T6 1/2 F	130	60	Frost-Showcase	240	25	1000	C-8	5 1/2			
		DC Bay	14676	25T6 1/2 DC	120	60	Clear-Appliance. Scale Illuminator	244	25	1000	C-8	5 9/16			
			14678	25T6 1/2 DC	130	60	Clear-Appliance. Scale Illuminator	244	25	1000	C-8	5 9/16			
			14685	25T6 1/2 DC/F	130	60	Frost-Appliance. Scale Illuminator	240	25	1000	C-8	5 9/16			
	T7	Inter	14791	25T7N	120	60	Clear-Appliance	195	25	200	C-7A	2 1/4	1 9/16		
			10692	25T7NCARD 6PK	120	240	Clear-Appliance	195	25	200	C-7A	2 1/4	1 9/16		
		DC Bay	14741	25T7DC	120	60	Clear-Appliance	195	25	200	C-7A	2 1/4	1 5/16		
	T8	Cand	14809	25T8C	120	60	Clear-Microwave	195	25	200	C-7A	2 5/8	1 1/2		
	T10	Med	14880	25T10 24PK	120	192	Clear-Showcase	248	25	1000	C-8	5 5/8			
			41313	25T10 CARD	120	120	Clear-Showcase. 12-Pack	248	25	1000	C-8	5 5/8			
			14866	25T10	130	120	Clear-Showcase	248	25	1000	C-8	5 5/8			
			13487	25T10/F CARD	120	120	Frost-Showcase	244	25	1000	C-8	5 5/8			
			14886	25T10 24PK	250	192	Clear-Showcase (53)*	240	25	1000	C-17A	5 5/8			
<b>WATT-MISER® LAMP</b>															
<b>27 WATTS</b>															
	R20	Med	14883	27R20/MI/1 6PK	120	30	I.F. Refl. Accent Lighting	210	27	2000	C-9	3 15/16		270	43
<b>INCANDESCENT LAMPS</b>															
<b>30 WATTS</b>															
	A15	Med	14129	30A15	130	120	I.F. Changing Message Sign, BB (23)*	215	30	5000	C-9	3 1/2	2 3/8		
			15291	30A15/CL	130	120	Clear Changing Message Sign, BB (23)*	215	30	5000	C-9	3 1/2	2 3/8		
			19358	30A15/8	130	120	I.F. - Sign, BB (23)*	180	30	8000	C-9	3 1/2	2 3/8		
	R20	Med	15003	30R20	120	60	Reflector-Light I.F.	200	30	2000	C-9	3 15/16			
			14891	30R20/1 6PK	120	30	Standard Reflector	200	30	2000	C-9	3 15/16			
			15000	30R20	130	60	Reflector-Light I.F.	200	30	2000	C-9	3 15/16			
			16213	30R20/6	130	60	Reflector-Light I.F. Flashing Message Sign, BB (23, 76)*	150	30	6000	C-9	3 15/16			
	S11	DC Bay	15012	30S11DC	75	120	Clear-Train Marker Control, BDTH (76)*	350	30	500	C-7A	2 3/8	1 1/4		








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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Hours	Life Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>														
<b>30 WATTS (Continued)</b>														
	S11	DC Bay	17948	30S11DC/RS	75	120	Clear-Train	300	30	2000	C-9	2 3/8	1 1/4	
	T8	Disc	15029	L30	120	24	Clear-Lumiline	230	30	1500	C-8	17 3/4		
			15071	L30/W	120	24	White-Lumiline	210	30	1500	C-8	17 3/4		
<b>30-70-100 WATTS</b>														
	A21	3C Med	41273	30/100 12PK	120	60	Soft White. 3-Way (25)*	305 995 1300	30 70 100	2500 1500 1500	C-2R CC-8	5 1/4	3 7/8	
<b>33 WATTS</b>														
	A19	Med	42626	33A19/5	130	120	Clear-Changing Message Sign. Group Replacement, BB (23)*	270	33	2500	C-9	3 7/8		
			21001	33A19/5/V	130	120	Clear-Changing Message Sign. Group Replacement, BB, Vacuum (23)*	270	33	2500	C-9	3 7/8		
<b>WATT-MISER® AND WATT-MISER® PLUS LAMPS</b>														
<b>34 WATTS</b>														
	A19	Med	12612	➤ 40A/34WM	120	120	Watt-Miser®-Diffuse Coating	380	34	2000	CC-6	4 7/16	3 1/8	
			12620	➤ 40A/34WM	130	120	Watt-Miser®-Diffuse Coating Ratings @ 120 volts.	365 270	34 30	2000 5400	CC-6	4 7/16	3 1/8	
			13010	➤ 40A/34WMP/99	120	120	Watt-Miser® Plus-Diffuse Coating. LongLife, BB (23)*	375	34	2500	CC-6	4 7/16	3 1/8	
			13009	➤ 40A/34WMP/99	130	120	Watt-Miser® Plus-Diffuse Coating. LongLife, BB (23)* Ratings @ 120 volts.	360 265	34 30	2500 6800	CC-6	4 7/16	3 1/8	
<b>INCANDESCENT LAMPS</b>														
<b>40 WATTS</b>														
	A15	Med	15199	40A15	120	120	Clear-Appliance and Oven Service. Vibration Resistant (2)*	435	40	1500	C-9	3 1/2	2 9/8	
			27451	40A15/F 120PK	120	120	Frosted-Appliance and Oven Service. Vibration Resistant. (2)*	355	40	1500	C-9	3 1/2	2 3/8	
			15206	40A15/CD 12PK	120	60	Clear-Appliance and Oven Service. Vibration Resistant (2)*	435	40	1500	C-9	3 1/2	2 9/8	
			21188	40A15 CD/2	120	60	Clear-Appliance and Oven Service. Vibration Resistant (2, 9)*	435	40	1500	C-9	3 1/2	2 3/8	
			20451	40A15/CF CD/2	120	60	Clear-Ceiling Fan. Vibration Resistant (9)*	435	40	1500	C-9	3 1/2	2 9/8	
			27495	40A15/F/CD	120	60	Frosted-Appliance and Oven Service. Vibration Resistant. (2)*	355	40	1500	C-9	3 1/2	2 3/8	
			20452	40A15/W/CF CD/2	120	60	White-Ceiling Fan. Vibration Resistant (9)*	355	40	1500	C-9	3 1/2	2 9/8	
	A19	Med	13255	40A 48PK	120	144	Standard	505	40	1000	CC-6	4 7/16	3 1/8	
			34034	40A	130	120	Inside Frost Ratings @ 120 volts.	495 365	40 36	1000 2600	CC-6	4 7/16	3 1/8	
			12311	40A/CL 24PK	120	120	Crystal	470	40	1500	CC-6	4 7/16	3 1/8	
			34125	40A/CL	130	120	Clear Ratings @ 120 volts.	470 345	40 36	1500 4000	CC-6	4 7/16	3 1/8	
			13257	40A/W 48PK	120	144	Soft White	490	40	1000	CC-6	4 7/16	3 1/8	
			40323	40A/S-130V-24PK	130	24	Survivor™ LongLife, I.F., Vibration Resistant, BB (23)* Ratings @ 120 volts.	360 265	40 36	3000 8300	C-9	4 7/16	3 1/8	
	A21	Med	15554	40A/TS	130	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	380	40	2000	C-9	4 3/8	2 7/16	

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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread	
<b>INCANDESCENT LAMPS</b>														
<b>40 WATTS (Continued)</b>														
	R14	Inter	25777	40R14/N/CD	120	30	Indoor Accent Lighting	40	1500	CC-2V	2 <sup>11</sup> / <sub>16</sub>			
		Med	25776	40R14/CD	120	30	Indoor Accent Lighting	40	1500	CC-2V	2 <sup>3</sup> / <sub>16</sub>			
	R16	Med	25781	40R16/CD	120	30	Indoor Spotlight	40	1500	CC-6	3 <sup>3</sup> / <sub>8</sub>			
	S11	Inter	35156	40S11N/1/CD 12PK	120	240	Clear-12-Card Pack (14, 102)*	440	40	500	C-9	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	
	T6 <sup>1</sup> / <sub>2</sub>	Inter	15734	40S11N/1/F	120	120	Frost (14)*	440	40	500	C-9	2 <sup>5</sup> / <sub>16</sub>	1 <sup>5</sup> / <sub>8</sub>	
			15740	40T6 <sup>1</sup> / <sub>2</sub> Z	120	60	Clear-Refrigerator	420	40	750	C-8	5 <sup>1</sup> / <sub>2</sub>		
			41312	40T6 <sup>1</sup> / <sub>2</sub> CARD	120	120	Clear-Refrigerator	420	40	750	C-8	5 <sup>1</sup> / <sub>2</sub>		
	T8	Disc	15742	40T6 <sup>1</sup> / <sub>2</sub> ZF	120	60	Frost-Appliance	420	40	750	C-8	5 <sup>1</sup> / <sub>2</sub>		
			15804	L40	120	24	Clear-Lumiline	325	40	1500	C-8	11 <sup>3</sup> / <sub>4</sub>		
	T8	Med	15839	L40/W	120	12	White-Lumiline	295	40	1500	C-8	11 <sup>3</sup> / <sub>4</sub>		
			15754	40T8	120	24	Clear-Showcase	430	40	1000	C-23	11 <sup>3</sup> / <sub>4</sub>		
	T10	Med	15852	40T10	120	120	Clear-Showcase	420	40	1000	C-8	5 <sup>5</sup> / <sub>8</sub>		
			13489	40T10 CARD	120	120	Clear-Showcase	420	40	1000	C-8	5 <sup>5</sup> / <sub>8</sub>		
			15854	40T10	130	120	Clear-Showcase	420	40	1000	C-8	5 <sup>5</sup> / <sub>8</sub>		
			15892	40T10/F	120	120	Frost-Showcase	415	40	1000	C-8	5 <sup>5</sup> / <sub>8</sub>		
			41314	40T10/F CARD	120	120	Frost-Showcase	415	40	1000	C-8	5 <sup>5</sup> / <sub>8</sub>		
<b>45 WATTS</b>														
	R20	Med	14878	➔ 45R20/MI/1 6PK	120	30	Reflector Light I.F. Spot (4, 35, 56)*	440	45	2000	C-9	3 <sup>5</sup> / <sub>16</sub>	530 43	
			18279	➔ 45R20/TWIN	120	30	Reflector Light I.F. Spot - Twin Pk. (4, 35, 56)*	440	45	2000	C-9	3 <sup>5</sup> / <sub>16</sub>	530 43	
	BR30	Med	20330	➔ 45R/FL/MI/1 6PK	120	30	Reflector Flood (4, 35, 56)*	485	45	2000	CC-6	5 <sup>5</sup> / <sub>8</sub>	300	
			26804	➔ 45R30/FL/LL	120	30	Reflector Flood - Long Life (4, 35, 56)*	450	45	2500	CC-6	5 <sup>5</sup> / <sub>8</sub>		
<b>50 WATTS</b>														
	A19	Med	33495	50A/RS 24PK	120	24	I.F.-Rough Service (95)*	490	50	1000	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
			33497	50A/RS 24PK	130	24	I.F.-Rough Service (95)* Ratings @ 120 volts.	480	50	1000	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
					355	45	2600							
			14727	50A/RS/CVG 24PK	120	24	Inside Frost-COV-R-GUARD™ Rough Service, BB, Teflon® Coated (23, 47, 83, 95)*	480	50	1000	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
			16201	50A19/RS	75	120	I.F.-Rough Service, Train (53, 95)*	545	50	1000	C-9	3 <sup>7</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	
			40261	50A19/RS/LG	75	120	I.F.-Rough Service, Train (53, 95)*	545	50	1000	C-9	4 <sup>7</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	
			15995	50A	250	120	Inside Frost	490	50	1000	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
			16147	50A/RS	250	120	I.F.-Rough Service (95)*	470	50	1000	C-22	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
	A21	Med	16317	50A19	300	120	Inside Frost	460	50	1000	C-17A	3 <sup>7</sup> / <sub>8</sub>	2 <sup>9</sup> / <sub>16</sub>	
			16366	50A21	12	120	Inside Frost (53)*	875	50	1000	C-6	4 <sup>7</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	
			10686	50A21/RV 6PK	12	48	Recreational Vehicle and Marine - Inside Frost (53)*	875	50	1000	C-6	4 <sup>7</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	
			16385	50A21	30	120	I.F.-Train (53)*	805	50	1000	C-9	4 <sup>7</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	
	R20	Med	16390	50A21	34	120	I.F.-Train (53)*	805	50	1000	C-9	4 <sup>7</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>16</sub>	
			16693	50R20	120	60	Reflector-I.F. (4, 35, 56)*	410	50	2000	C-9	3 <sup>15</sup> / <sub>16</sub>	510	
			14896	50R20/1 6PK	120	30	Reflector-I.F. (4, 35, 56)*	410	50	2000	C-9	3 <sup>15</sup> / <sub>16</sub>	510	
			20368	50R20/TWIN	120	30	Reflector Twin Pk. (4, 35, 56)*	410	50	2000	C-9	3 <sup>15</sup> / <sub>16</sub>	510	
			16692	50R20	130	60	Reflector-I.F. (4, 35, 56)*	410	50	2000	C-9	3 <sup>15</sup> / <sub>16</sub>	510	
		22977	50R20/PRO 6PK	130	30	Reflector Pro-Line Pack (4, 35, 56)*	410	50	2000	C-9	3 <sup>15</sup> / <sub>16</sub>	510		






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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>															
<b>50 WATTS (Continued)</b>															
	R20	Med	12667	50R20/6	130	60	Reflector-Light I.F. (4, 35, 56)*	400	50	6000	C-9	3 15/16		420	45
			22752	50R20/BLB 6PK	120	6	Blacklight Reflector (4, 35, 56, 103)*	50	1000		C-9	3 15/16			
			20821	50R20/NEO 6PK	120	30	Neodymium – Enrich™ Reflector (4, 35, 56)*	50	2000		C-9	3 15/16			
			16698	50R20/PK	120	60	Reflector-Pink (4, 35, 56)*	200	50	2000	C-9	3 15/16			
			15287	50R20/PK	130	60	Reflector-Pink (4, 35, 56)*	50	2000		C-9	3 15/16			
			14888	50R20/PL/1 6PK	120	30	Reflector Plant Light (4, 35, 56)*	50	2000		C-9	3 15/16			
			14885	50R20/SW/1 6PK	120	30	Reflector Soft-White (4, 35, 56)*	380	50	2000	C-9	3 15/16			
	ER30	Med	44429	50ER30	120	24	ER-Elliptical Reflector, Light I.F. (4, 35, 56)*	525	50	2000	CC-6	6 1/4		690	
			11823	50ER30	130	24	ER-Elliptical Reflector, Light I.F. (4, 35, 56)*	525	50	2000	CC-6	6 1/4		690	
			47878	50ER30/PK	120	24	ER-Elliptical Reflector-Pink (4, 35, 56)*	480	50	2000	CC-6	6 1/4			
	PAR36	Scrw Term	12892	50PAR36VNSP	12	12	Very Narrow Spot, Filament Shield (15)*	200	50	2000	C-6	2 3/4		19000	6
			16540	50PAR36NSP	12	12	Narrow Spot, Filament Shield (15)*	200	50	2000	C-6	2 3/4		11000	10
			16541	50PAR36WFL	12	12	Wide Flood, Filament Shield (15)*	200	50	2000	C-6	2 3/4		900	39x27
			11468	50PAR36WFL/4	12	12	Wide Flood, Filament Shield (15)*	200	50	4000	C-6	2 3/4		720	37x27
			16542	50PAR36WVFL	12	12	Very Wide Flood, Filament Shield (15)*	200	50	2000	C-6	2 3/4		240	55
<b>50-50 WATTS</b>															
	P25d	3C Mog	16535	50/50P25/28	120	60	Clear-2-filament Marine Running Light, BB (1, 23)*	400	50	750	C-5 C-9	5 1/16	3 5/16		
	T12	3C Med	16726	50/50T12	115	24	Clear-2-filament Marine Running Light, BB (23)*	400	50	750	C-5 C9	5 5/16	3		
<b>50-100-150 WATTS</b>															
	A21	3C Med	41280	50/150 12PK	120	60	Soft White, 3-Way (25)*	615 1540 2155	50	1500	CC-8 CC-8	5 1/4	3 7/8		
			16142	50/150 TWIN/PK	120	24	Soft White, 3-Way, Twin Pack (25)*	615 1540 2155	50	1500	CC-8 CC-8	5 1/4	3 7/8		
			20810	50/150/NEO 12PK	120	60	Neodymium – Enrich™ 3-Way (25, 104)*	50 100 150	1500	CC-8 CC-8	5 1/4	3 7/8			
			14057	50/150/SSW 12PK	120	60	Super Soft White, 3-Way (25)*	650 1550 2200	50	1500	CC-8 CC-8	5 1/4	3 7/8		
			22886	50/150A/RL/SW 6PK	120	30	Soft White-Reader Light™ 3-Way (4, 25)*	550 1580 2220	50	1000	CC-8 C-2R	5 1/4	3 7/8		
<b>50-200-250 WATTS</b>															
	A21	3C Med	19445	50/250/1 12PK	120	60	Soft White, 3-Way (25, 104, 105)*	620 3335 3955	50	1500	CC-8 CC-25	5 1/4	3 7/8		

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

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread	
<b>WATT-MISER® AND WATT-MISER® PLUS LAMPS</b>															
<b>52 WATTS</b>															
	A19	Med	12615 ➔ 60A/52WM	120	120	Watt-Miser®-Diffuse Coating	730	52	1330	CC-8	4 7/16	3 1/8			
			12623 ➔ 60A/52WM	130	120	Watt-Miser®-Diffuse Coating Ratings @ 120 volts.	710	52	1330	CC-8	4 7/16	3 1/8			
			22373 ➔ 52A/WM/COMM	130	24	Watt-Miser® Inside Frost Ratings @ 120 volts.	530	46	3500						
			13554 ➔ 60A/52WM/CL	120	120	Watt-Miser®-Clear	740	52	1330	CC-8	4 7/16	3 1/8			
			13555 ➔ 60A/52WM/CL	130	120	Watt-Miser®-Clear Ratings @ 120 volts.	720	52	1330	CC-8	4 7/16	3 1/8			
			13011 ➔ 60A/52WMP/99	120	120	Watt-Miser® Plus, Diffuse Coating, LongLife, BB (23)*	670	52	2500	CC-8	4 7/16	3 1/8			
			13012 ➔ 60A/52WMP/99	130	120	Watt-Miser® Plus, Diffuse Coating, LongLife, BB (23)* Ratings @ 120 volts.	640	52	2500	CC-8	4 7/16	3 1/8			
						480	46	6800							
<b>54 WATTS</b>															
	A21	Med	17960 ➔ 60A21/54WM/TS	120/5	120	Watt-Miser®, Clear-Traffic Signal, Burn BDTH, BB, Krypton (23, 76)*	530	54	8000	C-11V	4 3/8	2 7/16			
			17961 ➔ 60A21/54WM/TS	125/0	120	Watt-Miser®, Clear-Traffic Signal, Burn BDTH, BB, Krypton (23, 76)*	530	54	8000	C-11V	4 3/8	2 7/16			
<b>55 WATTS</b>															
	A19	Med	11904 ➔ 55A/SW/MI 48PK	120	144	Soft White, Miser®	800	55	1000	CC-8	4 7/16	3 1/8			
<b>60 WATTS</b>															
	A21	Med	17968 ➔ 69A21/60WM/TS	120/5	120	Watt-Miser®-Clear, Traffic Signal, Burn BDTH, BB (23, 76)*	610	60	8000	C-11V	4 3/8	2 7/16			
			17969 ➔ 69A21/60WM/TS	125/0	120	Watt-Miser®-Clear, Traffic Signal, Burn BDTH, BB (23, 76)*	610	60	8000	C-11V	4 3/8	2 7/16			
<b>INCANDESCENT LAMPS</b>															
<b>60 WATTS</b>															
	A15	Med	17759 60A15/CF CD/2	120	60	Clear-Ceiling Fan and Appliance, Vibration Resistant (9)*	650	60	1500	C-9	3 1/2	2 3/8			
			14029 60A15/W/CF CD/2	120	60	White, Ceiling-Fan, Vibration-Resistant (9)*	650	60	1500	C-9	3 1/2	2 3/8			
	A19	Med	41026 60A 48PK	120	144	Standard	865	60	1000	CC-6	4 7/16	3 1/8			
			16783 60A	130	120	Inside Frost Ratings @ 120 volts.	850	60	1000	CC-6	4 7/16	3 1/8			
			25905 60A/BLB 6PK	120	30	Black Light (103)*	640	53	2600						
			22361 60A/COMM	120	24	Inside Frost	855	60	1000	CC-6	4 7/16	3 1/8			
			39322 60A/CL 24PK	120	120	Clear	870	60	1000	CC-6	4 7/16	3 1/8			
			41028 60A/W 48PK	120	144	Soft White	840	60	1000	CC-6	4 7/16	3 1/8			
			11947 60A/W/STG 24PK	120	24	Soft White Saf-T-Gard™ (47, 83, 95)*	812	60	1000	CC-6	4 7/16	3 1/8			
			41285 60A/W/LL 24PK	120	120	Soft White-LongLife	820	60	1500	CC-6	4 7/16	3 1/8			
			22384 60A/GD	120	120	Light I.F.-Garage Door, Vibration Resistant	635	60	3000	C-9	4 7/16	3 1/8			
			23097 60A/GD CARD	120	24	Light I.F. Garage Door, Vibration Resistant, Carded	635	60	3000	C-9	4 7/16	3 1/8			
			14414 60A/CVG 24PK	120	24	Inside Frost-COV-R-GUARD™, BB, Teflon® Coated (23, 47, 83, 95)*	850	60	1000	CC-6	4 7/16	3 1/8			
		22972 60A/PRO 24PK	130	24	Pro-Line Pack Ratings @ 120 volts.	850	60	1000	CC-6	4 7/16	3 1/8				
						640	53	2600							

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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread	
<b>INCANDESCENT LAMPS</b>															
<b>60 WATTS (Continued)</b>															
	A19	Med	40324	60A/S-120V-24PK	120	24	Survivor™ LongLife I.F., Vibration Resistant, BB (23)*	635	60	3000	C-9	4 7/16	3 1/8		
			40325	60A/S-130V-24PK	130	24	Survivor™ LongLife I.F., Vibration Resistant, BB (23)* Ratings @ 120 volts.	625	60	3000	C-9	4 7/16	3 1/8		
			14052	60A/SSW 24PK	120	120	Super Soft - Soft White	840	60	1000	CC-8	4 7/16	3 1/8		
			16882	60A/D	120	120	I.F.-Daylight	290	60	1000	CC-6	4 7/16	3 1/8		
			20768	60A/NEO 24PK	120	120	Neodymium - Enrich™	60	1000	CC-8	4 7/16	3 1/8			
			20326	60A/SPK 24PK	120	120	Soft Pink (46)*	675	60	1000	CC-6	4 7/16	3 1/8		
			41284	60A/Y 24PK	120	120	House Garden™ - Yellow Bug-Lite	550	60	1000	CC-6	4 7/16	3 1/8		
			16913	60A/SBIF	120	120	I.F.-Silvered Bowl (28)*	740	60	1000	CC-6	4 7/16	3 1/8		
			41624	60A/PL 6PK	120	24	Plant Light, BB (4, 23)*	630	60	1000	CC-6	4 7/16	3 1/8		
			16997	60A21/B	120	120	Blue (46)*	60	1000	C-9	4 7/8				
			17027	60A21/R	120	120	Red (46)*	60	1000	C-9	4 7/8				
			17122	60A21	230	120	Inside Frost (53)*	585	60	1000	C-17A	4 3/8	2 3/4		
				PAR46	Scrw Term	17212	60PAR/2/R	38	12	Red Lens-Train Warning (15, 71)*	60	800	CC-2V	3 3/4	
T8	Disc	17226				L60	120	24	Clear-Lumiline	480	60	1500	C-8	17 3/4	
		17266				L60/W	120	12	White-Lumiline	450	60	1500	C-8	17 3/4	
	T10	Med	17292	60T10/64 24PK	120	192	Clear-Showcase, BDTH (76)*	740	60	1000	C-8	5 5/8			
			10698	60T10/CARD 6PK	120	120	Clear - Showcase, BDTH (76)*	740	60	1000	C-8	5 5/8			
			17804	60T10/F/CD	120	120	Frost-Showcase. BDTH (76)*	740	60	1000	C-8	5 5/8			
			<b>WATT-MISER® AND WATT-MISER® PLUS LAMPS</b>												
<b>65 WATTS</b>															
	PAR38	Med Sid Pr	12847	➤ 75PAR/3SP/65WWM	120	12	Compact Spot (15, 56, 96)*	675	65	2000	CC-6	4 5/16	2675	5900 14	
			12846	➤ 75PAR/3FL/65WWM	120	12	Compact Flood (15, 56, 96)*	675	65	2000	CC-6	4 5/16	2675	1750 30	
	BR30	Med	15711	➤ 75R30/SP/65WWM	120	24	Reflector Spot (4, 35, 56)*	755	65	2000	CC-6	5 3/8	1600		
			14254	➤ 75R30/SP/65WWM	130	24	Reflector Spot (4, 35, 56)*	725	65	2000	CC-6	5 3/8			
			15709	➤ 75R30/FL/65WWM	120	24	Reflector Flood (4, 35, 56)*	755	65	2000	CC-6	5 3/8	510		
			14263	➤ 75R30/FL/65WWM	130	24	Reflector Flood (4, 35, 56)*	725	65	2000	CC-6	5 3/8			
			25211	➤ 75R30/65WWM/PK	130	24	Reflector - Pink (4, 35, 56)*	65	2000	CC-6	5 3/8				
			26640	➤ 75R30/FL/65WWM/A	120	30	Reflector - Amber (4, 35, 56)*	65	2000	CC-6	5 3/8				
			26641	➤ 75R30/FL/65WWM/B	120	30	Reflector - Blue (4, 35, 56)*	65	2000	CC-6	5 3/8				
			26642	➤ 75R30/FL/65WWM/G	120	30	Reflector - Green (3, 4, 35, 56)*	65	2000	CC-6	5 3/8				
			26803	➤ 75R30/FL/65WWM/PK	120	30	Reflector - Pink (3, 4, 35, 56)*	65	2000	CC-6	5 3/8				
			26645	➤ 75R30/FL/65WWM/Y	120	30	Reflector - Yellow (3, 4, 35, 56)*	65	2000	CC-6	5 3/8				
			26639	➤ 75R30/FL/65WWM/CVG	120	24	Reflector - Cov-R-Guard™ (3, 23, 47, 83, 95)*	65	2000	CC-6	5 3/8				
			20332	➤ 65R/SP/MI/1 6PK	120	30	Reflector Spot (3, 4, 35, 56)*	755	65	2000	CC-6	5 3/8			
			20331	➤ 65R/FL/MI/1 6PK	120	30	Reflector Flood (3, 4, 35, 56)*	755	65	2000	CC-6	5 3/8			
18011	➤ 65R/FL/MI/TWIN	120	6	Reflector Flood Twin Pack (3, 4, 35, 56)*	755	65	2000	CC-6	5 3/8						
23520	➤ 65R30/SW 6PK	120	30	Reflector-Soft White (3, 4, 35, 56)*	740	65	2000	CC-6	5 3/8						
20996	➤ 65R30/PL/1 6PK	120	30	Reflector Spot-Plant Light, BB (3, 4, 23, 35, 56)*	65	2000	CC-6	5 3/8							

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### WATT-MISER® AND WATT-MISER® PLUS LAMPS

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
	BR30 Med	22978 ➤	65R30/PRO 6PK	130	30	Reflector Pro-Line Pack (3, 4, 35, 56)*	725	65	2000	CC-6	5 3/8			
		22714 ➤	65R30/FL/COMM 12PK	120	12	Watt-Miser® reflector flood (3, 4, 35, 56)*	770	65	2000	CC-6	5 3/8			
	BR40 Med	14265 ➤	75R/FL/65WM	120	24	Watt-Miser®-Reflector Flood I.F. (3, 4, 35, 46, 56)*	730	65	2000	CC-6	6 3/16			
		14266 ➤	75R/FL/65WM	130	24	Watt-Miser®-Reflector Flood I.F. (3, 4, 35, 46, 56)*	700	65	2000	CC-6	6 3/16			
		14016 ➤	65R40/FL/MI 6PK	120	30	Reflector Flood (3, 4, 35, 46, 56)*	730	65	2000	CC-6	6 3/16			


### INCANDESCENT LAMPS

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
	BR30 Med	26805	65R30/FL/LL	120	30	Long Life Reflector - Flood (3, 4, 35, 56)*	725	65	2500	CC-6	5 3/8			
		26806	65R30/SP/LL	120	30	Long Life Reflector - Spot (3, 4, 35, 56)*	725	65	2500	CC-6	5 3/8			
		20822	65R30/NEO 6PK	120	30	Reflector - Neodymium - Enrich™ (3, 4, 35, 56)*	65	2000	CC-6	5 3/8				

### WATT-MISER® AND WATT-MISER® PLUS LAMPS

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
	A19 Med	22374 ➤	67A/WM/COMM	130	24	Watt-Miser® Inside Frost Ratings @ 120 volts.	1000 755	67	1000 2600	CC-8	4 7/16	3 1/8		
		12617 ➤	75A/67WM	120	120	Watt-Miser®-Diffuse Coating	1030	67	1000	CC-8	4 7/16	3 1/8		
		12624 ➤	75A/67WM	130	120	Watt-Miser®-Diffuse Coating Ratings @ 120 volts.	1000 755	67	1000 2600	CC-8	4 7/16	3 1/8		
		13013 ➤	75A/67WMP/99	120	120	Watt-Miser® Plus-Diffuse Coating, BB (23)*	940	67	2500	CC-8	4 7/16	3 1/8		
		13018 ➤	75A/67WMP/99	130	120	Watt-Miser® Plus-Diffuse Coating, BB (23)* Ratings @ 120 volts.	910 685	67	2500 6800	CC-8	4 7/16	3 1/8		

### INCANDESCENT LAMPS




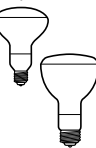






Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
	A21 Med	38551	67A21/TS	120	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	635	67	8000	C-9	4 3/8	2 7/16		
		38552	67A21/TS	125	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	635	67	8000	C-9	4 3/8	2 7/16		
		38553	67A21/TS	130	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	635	67	8000	C-9	4 3/8	2 7/16		
		17323	69A21/TS	120	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	675	69	8000	C-9	4 3/8	2 7/16		
		17325	69A21/TS	130	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	675	69	8000	C-9	4 3/8	2 7/16		

### MISER® LAMPS









Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
	A19 Med	11905 ➤	70A/SW/MI 48PK	120	144	Soft White, Miser®	1125	70	750	CC-8	4 7/16	3 1/8		

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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>															
<b>75 WATTS</b>															
	A19	Med	41030	75A 48PK	120	144	Standard	1190	75	750	CC-6	4 7/16	3 1/8		
			17347	75A	130	120	Inside Frost Ratings @ 120 volts.	1170	75	750	CC-6	4 7/16	3 1/8		
			22364	75A/COMM	120	24	Inside Frost	1180	75	750	CC-6	4 7/16	3 1/8		
			10428	75A/CL 24PK	120	120	Clear	1200	75	750	CC-6	4 7/16	3 1/8		
			41032	75A/W 48PK	120	144	Soft White	1170	75	750	CC-6	4 7/16	3 1/8		
			41287	75A/W/LL 24PK	120	120	Soft White-LongLife	1125	75	1125	CC-6	4 7/16	3 1/8		
			40326	75A/S-120V-24PK	120	24	Survivor™ LongLife I.F., Vibration Resistant, BB (23)*	825	75	3000	C-9	4 7/16	3 1/8		
			40328	75A/S-130V-24PK	130	24	Survivor™ LongLife I.F. Vibration Resistant, BB (23)* Ratings @ 120 volts.	815	75	3000	C-9	4 7/16	3 1/8		
	A21	Med	14724	75A/RS/CVG 24PK	120	24	Inside Frost-COV-R-GUARD™ Rough Service, BB, Teflon® Coated (23, 47, 83, 95)*	740	75	1000	C-17	5 1/4			
			10696	75A/RT 6PK	120	48	Rough Service, "Ruff-n-Tuff", BB (23, 47, 83, 95)*	75	1000	C-17	5 1/4				
			18274	75A/RS 12PK	120	60	I.F. Rough Service (95, 100)*	750	75	1000	C-17	5 1/4	3 13/16		
			17527	75A/RS 60PK	130	60	I.F. Rough Service (95, 100)* Ratings @ 120 volts.	740	75	1000	C-17	5 1/4	3 13/16		
			17482	75A21	12	120	Inside Frost (53)*	1500	75	1000	C-6	5 1/4	3 13/16		
	R20	Med	11320	75R20 6PK	120	60	Reflector Flood, I.F. (3, 4, 35, 56)*	650	75	2000	C-9	3 15/16			
	R30	Med	22748	75R30/BLB 6PK	120	6	Reflector Black Light (103)*	75	1000	C-9					
	ER30	Med	37044	75ER30	120	24	ER-Elliptical Reflector, Light I.F. (3, 4, 35, 56)*	850	75	2000	CC-6	6 1/4		1200	
			42850	75ER30	130	24	ER-Elliptical Reflector., Light I.F. (3, 4, 35, 56)*	850	75	2000	CC-6	6 1/4		1200	
	BR38	Med	18045	75PAR/FL/1/COMM 6PK	120	6	Blown PAR	720	75	2000					
	PAR36	Scrw Term	33869	75PAR36/RS	75	12	PAR-Train Warning-Rough Service (15, 23, 95, 100)*	740	75	500	CC-6	2 3/4			
	PAR38	Med Sid Pr	17682	75PAR/3FL/MINE	120	12	Mine Flood (56, 58, 96, 15)*	765	75	2000	CC-6	4 9/16		2725	1750 33
			17664	75PAR/3SP/MINE	120	12	Mine Spot (56, 58, 96, 15)*	765	75	2000	CC-6	4 9/16		2725	
	PAR46	3 Prong	36473	75PAR46/TS	120	12	Traffic Signal (15)*	700	75	6000	CC-6	3 7/8			
	T10	Med	17754	75T10/45	120	24	Clear-Showcase	800	75	1000	C-23	11 7/8			
	T10	Med	17749	75T10/1	120	24	Frost-Showcase	800	75	1000	C-23	11 7/8			
<b>80-170-250 WATTS</b>															
	A23	3C Med	15846	80/250A/RL/SW 6PK	120	30	Soft White-Reader Light™ 3-Way (25, 104, 105)*	1000	80	1000	C-2R CC-8	5 3/4	4 5/16		
								2800	170	1000					
									3800	250	1000				
<b>E27 BASE - EXPORT LAMPS</b>															
<b>80 WATTS</b>															
	PAR38	Skirted (E27)	18178	80PAR/FL/27	220/0	12	Clear Flood (15)*	750	80	2000	CC-6	5 1/2		2650	1500 35
			18179	80PAR/FL/27	240/0	12	Clear Flood (15)*	750	80	2000	CC-6	5 1/2		2650	1500 35
			18180	80PAR/SP/27	220/0	12	Clear Spot (15)*	750	80	2000	CC-6	5 1/2		2650	3300 20
			18181	80PAR/SP/27	240/0	12	Clear Spot (15)*	750	80	2000	CC-6	5 1/2		2650	3300 20
			18661	80PAR/FL/A/27	240/0	12	Silicone Amber Flood (15)*	80	2000	CC-6	5 1/2				
			18650	80PAR/FL/B/27	240/0	12	Silicone Blue Flood (15)*	80	2000	CC-6	5 1/2				
			18653	80PAR/FL/G/27	240/0	12	Silicone Green Flood (15)*	80	2000	CC-6	5 1/2				
			18656	80PAR/FL/R/27	240/0	12	Silicone Red Flood (15)*	80	2000	CC-6	5 1/2				
			18658	80PAR/FL/Y/27	240/0	12	Silicone Yellow Flood (15)*	80	2000	CC-6	5 1/2				









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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>WATT-MISER® PAR LAMPS</b>														
<b>85 WATTS</b>														
	PAR38	Med Skirt	13465 ↘	100PAR/B/85WM 6PK	120	6	House Garden™ Powder Coated - Blue, BB (15, 23)*	85	2000	CC-6	5 5/16			
			13474 ↘	100PAR/G/85WM 6PK	120	6	House Garden™ Powder Coated - Green, BB (15, 23)*	85	2000	CC-6	5 5/16			
			13472 ↘	100PAR/R/85WM 6PK	120	6	House Garden™ Powder Coated - Red, BB (15, 23)*	85	2000	CC-6	5 5/16			
			13473 ↘	100PAR/Y/85WM 6PK	120	6	House Garden™ Powder Coated - Yellow, BB (15, 23)*	85	2000	CC-6	5 5/16			
<b>INCANDESCENT LAMPS</b>														
<b>85 WATTS</b>														
	PAR38	Med Skirt	20945	85PAR/FL/BG 6PK	120	6	House Garden™ Yellow-Bug-Lite, BB (15, 23)*	85	2000	CC-6	5 5/16			
<b>88 WATTS</b>														
	PAR36	Scrws Term	39817	88PAR36/FL	75	12	Projector-Train Warning. (15)*	810	88	1500	CC-6	2 3/4		
<b>WATT-MISER® AND WATT-MISER® PLUS LAMPS</b>														
<b>90 WATTS</b>														
	A19	Med	12618 ↘	100A/90WM	120	120	Watt-Miser®-Diffuse Coating	1465	90	1000	CC-8	4 7/16	3 1/8	
			12625 ↘	100A/90WM	130	120	Watt-Miser®-Diffuse Coating Ratings @ 120 volts.	1440	90	1000	CC-8	4 7/16	3 1/8	
			22375 ↘	90A/WM/COMM	130	24	Watt-Miser® Inside Frost Ratings @ 120 volts.	1095	80	2600	CC-8	4 7/16	3 1/8	
			13019 ↘	100A/90WMP/99	120	120	Watt-Miser® Plus-Diffuse Coating. LongLife, BB (23)*	1285	90	2500	CC-8	4 7/16	3 1/8	
			13023 ↘	100A/90WMP/99	130	120	Watt-Miser® Plus-Diffuse Coating. LongLife, BB (23)* Ratings @ 120 volts.	1260	90	2500	CC-8	4 7/16	3 1/8	
 	A21	Med	17972 ↘	100A21/90WM/TS	125/0	120	Watt-Miser®-Clear. Traffic Signal. Burn BDTH, BB, Krypton (23, 76)*	1040	90	8000	C-11V	4 3/8	2 7/16	
	BR40	Med	14267 ↘	100R/FL/90WM	120	24	Watt-Miser®, Reflector Flood (3, 4, 35, 46, 56)*	1100	90	2000	CC-6	6 9/16		
			14268 ↘	100R/FL/90WM	130	24	Watt-Miser®, Reflector Flood I.F. (3, 4, 35, 46, 56)*	1050	90	2000	CC-6	6 9/16		
		14017 ↘	90R40/FL/MI 6PK	120	30	Reflector Flood (3, 4, 35, 46, 56)*	1100	90	2000	CC-6	6 9/16			
<b>MISER® LAMPS</b>														
<b>95 WATTS</b>														
	A19	Med	11906 ↘	95A/SW/MI 48PK	120	144	Soft White Miser®	1610	95	750	CC-8	4 7/16	3 1/8	
<b>INCANDESCENT LAMPS</b>														
<b>100 WATTS</b>														
	A19	Med	41034	100A 48PK	120	144	Standard	1710	100	750	CC-8	4 7/16	3 1/8	
			17933	100A	130	120	Inside Frost Ratings @ 120 volts.	1680	100	750	CC-8	4 7/16	3 1/8	
			22366	100A/COMM	120	24	Inside Frost	1275	89	1950	CC-8	4 7/16	3 1/8	
			22975	100A/PRO 24PK	130	24	Inside Frost Ratings @ 120 volts.	1690	100	750	CC-8	4 7/16	3 1/8	
			39321	100A/CL 24PK	120	120	Clear	1275	89	1950	CC-8	4 7/16	3 1/8	
			41036	100A/W 48PK	120	144	Soft White	1680	100	750	CC-8	4 7/16	3 1/8	


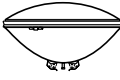
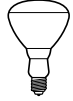


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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Hours	Life Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread		
<b>INCANDESCENT LAMPS</b>																
<b>100 WATTS (Continued)</b>																
	A19	Med	11948	100A/W/STG 24PK	120	24	Soft White Saf-T-Gard™ (47, 83, 95)*	1624	100	750	CC-8	4 7/16	3 1/8			
			41289	100A/W/LL 24PK	120	120	Soft White-LongLife	1600	100	1125	CC-8	4 7/16	3 1/8			
			17995	100A/LHT	120	120	Inside Frost, BB, Left-Hand Medium Base (23)*	1710	100	750	CC-6	4 7/16	3 1/8			
			20773	100A/NEO 24PK	120	120	Neodymium - Enrich™	100	750	CC-8	4 7/16	3 1/8				
			40329	100A/S-120V-24PK	120	24	Survivor™-I.F., LongLife, Vibration Resistant, BB (23, 46)*	1190	100	3000	C-9	4 7/16	3 1/8			
			40330	100A/S-130V-24PK	130	24	Survivor™-I.F., LongLife, Vibration Resistant, BB (23, 46)*	1170	100	3000	C-9	4 7/16	3 1/8			
			14056	100A/SSW 24PK	120	120	Super Soft - Soft White	1690	100	750	CC-8	4 7/16	3 1/8			
			41291	100A/Y 24PK	120	120	Bug-Lite (14)*	900	100	1000	CC-8	4 7/16	3 1/8			
			20328	100A/SPK 24PK	120	120	Soft Pink (46)*	1330	100	1000	CC-8	4 7/16	3 1/8			
				A21	Med	18212	100A21	120	60	Inside Frost	1710	100	750	CC-6	5 1/4	3 7/8
18221	100A21	130				60	Inside Frost Ratings @ 120 volts.	1690	100	750	CC-6	5 1/4	3 7/8			
21314	100A21/99 60PK	120				60	Diffuse Coating-Extended Service, BB (23)*	1440	100	2500	CC-6	5 1/4	3 7/8			
21315	100A21/99 60PK	130				60	Diffuse Coating-Extended Service, BB (23)*	1420	100	2500	CC-6	5 1/4	3 7/8			
18275	100A/RS 12PK	120				60	I.F. Rough Service (95, 100)*	1160	100	1000	C-17	5 1/4	3 13/16			
17522	100A/RS 60PK	130				60	I.F. Rough Service (95, 100)*	1150	100	1000	C-17	5 1/4	3 13/16			
14719	100A/RS/CVG	120				120	I.F.-COV-R-GUARD™ Rough Service, BB, Teflon® Coated (23, 47, 83, 95)*	1230	100	1000	C-17	5 1/4	3 13/16			
11245	100A/RT 6PK	120				48	Rough Service - "Ruff-n-Tuff" (23, 47, 83, 95)*	100	1000	C-17	5 1/4					
18365	100A21/TS	130				120	Clear-Traffic Signal. Rated Watts: 98. BDTH, BB (23)*	1280	100	3000	C-9	4 3/8	2 7/16			
17525	100A21/SBIF 60PK	120				60	I.F. Silvered Bowl (28)*	1400	100	1000	CC-6	5 1/4	3 7/8			
	A23	Med	17904	100A	34	120	I.F.-Train (53)*	2160	100	1000	C-9	5 15/16	4 7/16			
			18512	100A23	12	120	Inside Frost (53)*	1750	100	1000	C-6	5 15/16	4 7/16			
			18542	100A23/20	120	120	Clear-Commercial Oven, BB (3, 23)*	1530	100	1000	CC-6	5 15/16	4 7/16			
			18449	100A23	120	120	Inside Frost	1600	100	750	CC-6	5 15/16	4 7/16			
			33456	100A23/VS 24PK	130	24	I.F.-Vibration Service (12)*	1340	100	1000	C-9	5 15/16	4 7/16			
								1020	89	2600						
			G16 1/2	DC Bay	18721	100G16 1/2/29DC	120	60	Clear-Spot. BDTH, BB (7, 23)*	1660	100	200	CC-13	3	1 3/8	
			PAR38	Med Sid Pr	18822	100PAR38/FL	12	12	PAR-Mine Flood (15, 58)*	1400	100	1000	C-6	4 9/16		2200 60

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Bulb	Base	Product Code	Lamp Description	Case Qty.	Volts	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>E27 BASE - EXPORT LAMPS</b>															
<b>100 WATTS</b>															
	PAR38	Skirted (E27)	38854	100PAR/FL/27	220/0	12	Clear Flood (15)*	800	100	2000	CC-6	5 1/2	2600	1500	35
			40027	100PAR/SP/27	220/0	12	Clear Spot (15)*	800	100	2000	CC-6	5 1/2	2600	3300	20
			42711	100PAR/FL/27	240/0	12	Clear Flood (15)*	800	100	2000	CC-6	5 1/2	2600	1500	35
			42710	100PAR/SP/27	240/0	12	Clear Spot (15)*	800	100	2000	CC-6	5 1/2	2600	3300	20
			40028	100PAR/FL/B/27	220/0	12	Blue Flood (15)*		100	2000	CC-6	5 1/2			
			40029	100PAR/FL/G/27	220/0	12	Green Flood (15)*		100	2000	CC-6	5 1/2			
			40030	100PAR/FL/R/27	220/0	12	Red Flood (15)*		100	2000	CC-6	5 1/2			
			40031	100PAR/FL/Y/27	220/0	12	Yellow Flood (15)*		100	2000	CC-6	5 1/2			
<b>INCANDESCENT LAMPS</b>															
<b>100 WATTS</b>															
	R30	Med	39503	100R30/CL	12	24	Reflector-Clear, Swimming Pool, BB (4, 23, 46, 53)*	1200	100	2000	C-6	5 3/8			
		PAR46	Scrw Term	34465	100PAR46	60	12	Mine Locomotive Headlight (15, 71)*	1290	100	800	CC-2V	3 3/4		
		T8	SC Bay	18881	100T8/1SC	20	24	Clear-Contour Map ANSI: BZA, Source 4.5x3.0 mm (WXH) (8, 31, 61, 94)*	2600	100	50	CC-6	3	2 3/16	
<b>100-200-300 WATTS</b>															
	PS25d	3C Mog	18780	100/300/2	120	60	Soft White - 3-Way, Neck of bulb coated red from base to maximum bulb diameter (1, 25, 46)*	1320	100	1500	CC-6	CC-6	6 11/16	4 7/16	
			41459	100/300 6PK	120	30	Soft White - 3-Way (1, 25, 46)*	1320	100	1500	CC-6	CC-6	6 11/16	4 7/16	
<b>110 WATTS</b>															
	R30	Med	18980	110R30/FL/RS	120	24	Reflector Flood. I.F. Rough Service, BB (23)*	1080	110	2000	C-17	5 3/8			
<b>116 WATTS</b>															
	A21	Med	19008	116A21/TS	120	120	Clear-Traffic Signal, BDTH (23, 76)*	1280	116	8000	C-9	4 3/8	2 7/16		
			19009	116A21/TS	125	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	1280	116	8000	C-9	4 3/8	2 7/16		
			19010	116A21/TS	130	120	Clear-Traffic Signal, BDTH, BB (23, 76)*	1280	116	8000	C-9	4 3/8	2 7/16		
<b>120 WATTS</b>															
	ER40	Med	41607	➤ 120ER40	120	24	ER-Elliptical Reflector, Light I.F. (3, 4, 35, 46, 56)*	1425	120	2000	CC-6	7 3/8		1700	
			43231	➤ 120ER40	130	24	ER-Elliptical Reflector, Light I.F. (3, 4, 35, 46, 56)*	1425	120	2000	CC-6	7 3/8		1700	
<b>WATT-MISER® LAMPS</b>															
<b>120 WATTS</b>															
	PAR38	Med Sid Pr	12810	➤ 150PAR/3SP/120WM	120	12	Watt-Miser® Spot (15, 56, 58, 96)*	1370	120	2000	CC-6	4 5/16	2725	9200	18
			12808	➤ 150PAR/3FL/120WM	120	12	Watt-Miser® Flood (15, 56, 58, 96)*	1370	120	2000	CC-6	4 5/16	2725	3600	30

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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>E27 BASE - EXPORT LAMPS</b>															
<b>120 WATTS</b>															
	PAR38	Skirted	18172 ➤ 120PAR/FL/27	220/0	12	Clear Flood (15)*	1200	120	2000	CC-6	5 1/2		2675	2300	35
			18173 ➤ 120PAR/FL/27	240/0	12	Clear Flood (15)*	1200	120	2000	CC-6	5 1/2		2675	2300	35
			18175 ➤ 120PAR/SP/27	220/0	12	Clear Spot (15)*	1200	120	2000	CC-6	5 1/2		2675	5500	20
			18177 ➤ 120PAR/SP/27	240/0	12	Clear Spot (15)*	1200	120	2000	CC-6	5 1/2		2675	5500	20
	PAR56	Scrw Term	19023 ➤ 120PAR56VNSP	12	12	Very Narrow Spot (11, 15, 56, 59)*	1050	120	2000	C-6	4 1/2		2750	60000	8x6
			19024 ➤ 120PAR56/MFL	12	12	Medium Flood (11, 15, 56, 59)*	1050	120	2000	C-6	4 1/2		2750	19000	18x9
			19025 ➤ 120PAR56/WFL	12	12	Wide Flood (11, 15, 56, 59)*	1050	120	2000	C-6	4 1/2		2750	5625	35x18
<b>WATT-MISER® PLUS LAMPS</b>															
<b>120 WATTS</b>															
	BR40	Med	15048 ➤ 150R/FL/120WM	120	24	Watt-Miser®-Reflector Flood I.F. (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				1450
			27429 ➤ 150R/FL/120WM/B	120	24	Watt-Miser®-Reflector Flood - Blue (3, 4, 35, 46, 56)*		120	2000	CC-6	6 9/16				1450
			27430 ➤ 150R/FL/120WM/BW	120	24	Watt-Miser®-Reflector Flood - Blue White (3, 4, 35, 46, 56)*		120	2000	CC-6	6 9/16				1450
			15746 ➤ 150R/FL/120WM	130	24	Watt-Miser®-Reflector Flood I.F. (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				1450
			27428 ➤ 150R/FL/120WM/CVG	130	24	Watt-Miser®-Reflector Flood COV-R-GUARD™ Teflon® Coated (3, 47, 83, 95)*	1550	120	2000	CC-6	6 9/16				1450
			27433 ➤ 150R/FL/120WM/PK	120	24	Watt-Miser®-Reflector Flood - Pink (3, 4, 35, 46, 56)*		120	2000	CC-6	6 9/16				1450
			27436 ➤ 150R/FL/120WM/TB	120	24	Watt-Miser®-Jewelry Flood-Reflector Flood-Transparent Daylight Blue (3, 4, 35, 46, 56)*		120	1500	CC-6	6 9/16				1450
			15047 ➤ 150R/SP/120WM	120	24	Watt-Miser®-Reflector Spot-Light I.F. (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				6700
			22715 ➤ 120R/FL/COMM 6PK	120	30	Watt-Miser® Reflector Flood IF (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				
			20333 ➤ 120R/FL/MI/1 6PK	120	30	Miser®-Reflector Flood (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				
			20824 ➤ 120R/FLMI/TWIN	120	3	Reflector Flood - Twin Pack (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				
			22987 ➤ 120R40/PRO 6PK	130	30	Pro-Line Pack - Reflector (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				
			21000 ➤ 120R40/PL-1 6PK	120	30	Reflector Plant Light, BB (3, 4, 23, 35, 46, 56)*		150	2000	CC-6	6 9/16				
			20334 ➤ 120R/SP/MI/1 6PK	120	30	Reflector Spot (3, 4, 35, 46, 56)*	1600	120	2000	CC-6	6 9/16				
<b>INCANDESCENT LAMPS</b>															
	BR40	Med	13049 ➤ 125R40/1	120	24	Reflector Infrared, Clear (2A, 4, 46, 56, 94)*		125	5000	C-9	6 9/16				
<b>WATT-MISER® AND WATT-MISER® PLUS LAMPS</b>															
<b>135 WATTS</b>															
	A21	Med	12619 ➤ 150A/135WM	120	60	Watt-Miser®-Diffuse Coating	2380	135	1000	CC-8	5 3/8	4 1/16			
			12627 ➤ 150A/135WM	130	60	Watt-Miser®-Diffuse Coating	2340	135	1000	CC-8	5 3/8	4 1/16			
						Ratings @ 120 volts.	1790	120	2600						

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### WATT-MISER® AND WATT-MISER® PLUS LAMPS

#### 135 WATTS (Continued)



Bulb	Base	Product Code	Lamp Description	Case Volts	Case Qty.	Additional Information	Lumens	Watts	Hours	Life Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
A21	Med	13024	➤ 150A/135WMP/99	120	60	Watt-Miser®-Plus-Diffuse Coating, LongLife	2100	135	2500	CC-8	5 3/8	4 1/16		
		13025	➤ 150A/135WMP/99	130	60	Watt-Miser®-Plus-Diffuse Coating, LongLife Ratings @ 120 volts.	2060	135	2500	CC-8	5 3/8	4 1/16		
		17973	➤ 150A21/135WM/TS	120/5	120	Watt-Miser®-Clear, Traffic Signal, Burn BDTH, BB, Krypton (23, 76)*	1750	135	7000	C-11V	4 11/16	3		
		17974	➤ 150A21/135WM/TS	125/0	120	Watt-Miser®-Clear, Traffic Signal, Burn BDTH, BB, Krypton (23, 76)*	1750	135	7000	C-11V	4 11/16	3		






### INCANDESCENT LAMPS

#### 150 WATTS



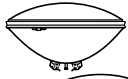


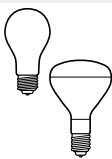


A21	Med	19168	150A	120	60	Inside Frost	2850	150	750	CC-8	5 3/8	4 1/16		
		41294	150A 24PK	120	24	Standard	2850	150	750	CC-8	5 3/8	4 1/16		
		33009	150A	130	60	Inside Frost Ratings @ 120 volts.	2800	150	750	CC-8	5 3/8	4 1/16		
		10429	150A/W 12PK	120	12	Soft White	2780	150	750	CC-8	5 3/8	4 1/16		
		16068	150A/CL 12PK	120	12	Clear	2850	150	750	CC-8	5 3/8	4 1/16		
		22881	150A/RL/SW 6PK	120	30	Soft White-Reader Light	2650	150	750	CC-8	5 3/4	4 5/16		
		17623	150A21/RS	120	60	I.F.-Rough Service (95, 100)*	2100	150	1000	C-17	5 1/4	3 13/16		
		17625	150A21/RS	130	60	I.F.-Rough Service (95, 100)* Ratings @ 120 volts.	2065	150	1000	C-17	5 1/4	3 13/16		
		25926	150A21/99/IF	120	60	I.F.-Extended Service, BB (23)*	2350	150	2500	CC-8	5 3/8	4 1/16		
		25929	150A21/99/IF	130	60	I.F.-Extended Service, BB (23)* Ratings @ 120 volts.	2310	150	2500	CC-8	5 3/8	4 1/16		
		15817	150A/S	120	60	Survivor™-I.F. LongLife. Vibration Resistant, BB (23, 46)*	1950	150	3000	C-9	4 15/16	3 3/8		
		15818	150A/S	130	60	Survivor™-I.F. LongLife. Vibration Resistant, BB (23, 46)* Ratings @ 120 volts.	1925	150	3000	C-9	4 15/16	3 3/8		
		22889	150A/GAR 12PK	120	12	I.F. - Garage	2600	150	1125	CC-8	5 3/8	4 1/16		
P25	Med	19334	150P25/2SB	120	60	Clear-Spot. Silvered Bowl. Hard glass button, BB (23, 29)*	2100	150	200	C-7A	4 3/4			
		19372	150P25/10	120	60	Light I.F.-Spot. Hard glass button, BB (23)*	2100	150	200	C-7A	4 3/4	3		
PAR38	Med Skirt	26370	150PAR/FL/CVG	120	12	COV-R-GUARD™ Flood, BB, Teflon® Coated (23, 47, 83, 95)*	1700	150	2000	CC-6	5 5/16			
		26371	150PAR/SP/CVG	120	12	COV-R-GUARD™ Spot, BB, Teflon® Coated (23, 47, 83, 95)*	1700	150	2000	CC-6	5 5/16			
		19464	150PAR/FL/A	120	12	Flood. Dichro Amber (15)*	150	2000	CC-6	5 5/16				
		19465	150PAR/FL/B	120	12	Flood. Dichro Blue (15)*	150	2000	CC-6	5 5/16				
		19467	150PAR/FL/G	120	12	Flood. Dichro Green (15)*	150	2000	CC-6	5 5/16				
		19468	150PAR/FL/R	120	12	Flood. Dichro Red (15)*	150	2000	CC-6	5 5/16				
	Med Sid Pr	19497	150PAR/4	125	12	Mine-Spot (15, 18, 56, 96)*	1500	150	2000	C-13	4 5/16		2775	
		19503	150PAR/3FL/MINE	120	12	Mine-Flood (15, 18, 56, 96)*	1740	150	2000	CC-6	4 5/16		2775	3100 36
		19505	150PAR/3FL/MINE	130	12	Mine-Flood (15, 18, 56, 96)*	1740	150	2000	CC-6	4 5/16			3100 36
		19487	150PAR/3SP/MINE	120	12	Mine-Spot (15, 18, 56, 96)*	1740	150	2000	CC-6	4 5/16			12000 16
		19489	150PAR/3SP/MINE	130	12	Mine-Spot (15, 18, 56, 96)*	1740	150	2000	CC-6	4 5/16			12000 16
BR38	Med	18052	150PAR/FL/1/COMM 6PK	120	6	Blown PAR	1650	150	2000					

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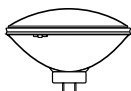
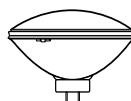



Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>E27 BASE - EXPORT LAMPS</b>															
<b>150 WATTS</b>															
	PAR38	Skirted	40033	150PAR/FL/27	220/0	12	Clear Flood (15)*	1350	150	2000	CC-6	5 1/2	2650	2450	35
			40035	150PAR/FL/27	240/0	12	Clear Flood (15)*	1350	150	2000	CC-6	5 1/2	2650	2450	35
			40034	150PAR/SP/27	240/0	12	Clear Spot (15)*	1350	150	2000	CC-6	5 1/2	2650	5600	20
			34725	150PAR38/2FL/27	220/0	12	Cool Beam Clear Flood (15, 78)*	1350	150	2000	CC-6	5 1/2	2650	2450	35
<b>INCANDESCENT LAMPS</b>															
<b>150 WATTS</b>															
	PAR46	Scrw Term	19512	150PAR46/1	32	12	Mine Locomotive Headlight (15, 56)*	1950	150	800	CC-8	3 3/4		100000	9x9
			19517	150PAR46	125	12	Mine Locomotive Headlight (15)*	1250	150	1000	C-13	3 3/4			
			3 Prong	35327	150PAR46/TS	115	12	Traffic Signal - Burn Horiz. (2, 15)*	1750	150	6000	CC-6	4		
		Med Sid Pr	41968	150PAR46/3MFL	125	12	Medium Flood (4, 11, 56, 58, 96, 15)*	1500	150	2000	CC-13	4	2750	8000	26x13
			PS25	Med	14635	150PS25/CVG	120	60	Inside Frost- COV-R-GUARD™, BB, Teflon® Coated (23, 47, 83, 95)*	2630	150	1000	C-9	6 15/16	
19528	150/IF	120	60		Inside Frost	2570	150	750	C-9	6 15/16	5 3/16				
19530	150/IF	130	60		Inside Frost Ratings @ 120 volts.	2520	150	750	C-9	6 15/16	5 3/16				
19616	150/RS	120	60		I.F.-Rough Service (95, 100)*	2190	150	1000	C-17	6 15/16	5 3/16				
19618	150/RS	130	60		I.F.-Rough Service (95, 100)* Ratings @ 120 volts.	2160	150	1000	C-17	6 15/16	5 3/16				
19597	150/SBIF	120	60		I.F.-Silver Bowl (28)*	2370	150	1000	C-9	6 15/16	5 3/16				
19656	150/99	120	60		I.F.-Extended Service, BB (23)*	2250	150	2500	C-9	6 15/16	5 3/16				
19658	150/99	130	60		I.F.-Extended Service, BB (23)* Ratings @ 120 volts.	2200	150	2500	C-9	6 15/16	5 3/16				
19668	150/99CL	130	60		Clear-Extended Service, BB (23)* Ratings @ 120 volts.	2200	150	2500	C-9	6 15/16	5 3/16				
33465	150/VS 24PK	130	24		I.F.-Vibration Service Ratings @ 120 volts.	2270	150	1000	C-9	6 15/16	5 3/16				
14716	150/RS/CVG	120	60		Inside Frost- COV-R-GUARD™ Rough Service, BB, Teflon® Coated (23, 47, 83, 95)*	2120	150	1000	C-17	6 15/16	5 3/16				
PS30	Med	19756	150PS30		230/0	60	Clear-Reflector. Silvered Neck, BB (23, 43, 53)*	1950	150	1000	C-9	8 1/16	6		
<b>175 WATTS</b>															
	PAR38	Med Skirt	13643	175PAR38/HEAT	120	12	Infrared-Clear (46, 56, 96)*	3100	175	5000	CC-6	5 5/16	4 5/16		
<b>200 WATTS</b>															
	A21	Med	11585	200A/W/1 12PK	120	12	Soft White	3910	200	750	CC-8	5 3/8	4 1/16		
			25925	200A21/IF 12PK	120	12	Inside Frost	3920	200	750	CC-8	5 3/8	4 1/16		
			25930	200A21/IF	130	60	Inside Frost Ratings @ 120 volts.	3850	200	750	CC-8	5 3/8	4 1/16		
			16069	200A/CL/1 12PK	120	12	Crystal	3980	200	750	CC-8	5 3/8	4 1/16		
			25932	200A21/CL	130	60	Clear Ratings @ 120 volts.	3850	200	750	CC-8	5 3/8	4 1/16		

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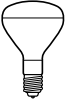
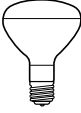



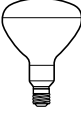



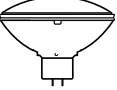

Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Hours	Life Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread	
<b>INCANDESCENT LAMPS</b>																
<b>200 WATTS (Continued)</b>																
	A21	Med	25937	200A21/99/CL	130	60	Clear-Extended Service, BB Ratings @ 120 volts.	3250	200	2500	CC-8	5 3/8	4 1/16			
			25935	200A21/99/IF	120	60	I.F.-Extended Service, BB	3320	200	2500	CC-8	5 3/8	4 1/16			
			25936	200A21/99/IF	130	60	I.F.-Extended Service, BB Ratings @ 120 volts.	3250	200	2500	CC-8	5 3/8	4 1/16			
	PAR46	Med Sid Pr	20115	200PAR46/3NSP	120	12	Narrow Spot (4, 11, 15, 36, 56, 58, 96)*	2270	200	2000	CC-13	4		2750	31000 12x8	
			20117	200PAR46/3NSP	130	12	Narrow Spot (4, 11, 15, 36, 56, 58, 96)*	2270	200	2000	CC-13	4		2750	31000 12x8	
			20138	200PAR46/3MFL	120	12	Medium Flood (4, 11, 15, 36, 56, 58, 96)*	2270	200	2000	CC-13	4		2750	11500 27x13	
			20140	200PAR46/3MFL	130	12	Medium Flood (4, 11, 15, 36, 56, 58, 96)*	2270	200	2000	CC-13	4		2750	11500 27x13	
	PAR56	Scrw Term	20122	200PAR	30	12	Locomotive Headlight (2, 15)*	3700	200	500	CC-8	4 1/2		270000	9x9	
		MogEnd Pr	49889	200PAR56/MFL	120	12	Medium Flood (4, 11, 15, 56, 59)*	2270	200	2000	CC-13	5		2750	15000 22x13	
	PS30	Med	14636	200PS30/CVG	120	60	Inside Frost-COV-R-GUARD™, BB, Teflon® Coated (23, 47, 83, 95)*	3480	200	1000	C-9	8 1/16	6			
			14637	200PS30/RS/CVG	120	60	Inside Frost-COV-R-GUARD™ Rough Service, BB, Teflon® Coated (23, 47, 83, 95)*	3330	200	1000	C-9	8 1/16	6			
			20403	200PS30/24	130	60	Clear-Rough Service (95, 100)* Ratings @ 120 volts.	3240	200	1000	C-9	8 1/16	6			
			20316	200/SBIF	120	60	I.F.-Silvered Bowl (28)*	3320	200	1000	C-9	8 1/16	6			
			20354	200/99IF	130	60	I.F.-Extended Service, BB (23)* Ratings @ 120 volts.	3000	200	2500	C-9	8 1/16	6			
			20172	200	130	60	Clear Ratings @ 120 volts.	3540	200	750	C-9	8 1/16	6			
			20252	200/IF	130	60	Inside Frost Ratings @ 120 volts.	2725	177	1950	C-9	8 1/16	6			
			33468	200PS30/23 24PK	130	24	I.F.-Rough Service (95, 100)* Ratings @ 120 volts.	3240	200	1000	C-9	8 1/16	6			
20192	200	250	60	Clear	2980	200	1000	C-9	8 1/16	6						
<b>240 WATTS</b>																
	PAR46	Scrw Term	20575	240PAR56/VNSP	12	12	Very Narrow Spot (4, 11, 15, 56, 58)*	2570	240	2000	C-6	4 1/2		2800	140000 9x6	
			20576	240PAR56/MFL	12	12	Medium Flood (4, 11, 15, 56, 58)*	2570	240	2000	C-6	4 1/2		2800	46000 19x8	
			20577	240PAR56/WFL	12	12	Wide Flood (4, 11, 15, 56, 58)*	2570	240	2000	C-6	4 1/2		2800	13000 35x18	
<b>250 WATTS</b>																
	A23	Med	15843	250A/RL/SW 6PK	120	30	Soft White-Reader Light™ (1)*	4500	250	750	CC-8	5 3/4	4 5/16			
	R40	Med	37770	250R40/1 6PK	120	30	Reflector-Warm Up Infrared Heat Lamp - Clear Face (2A, 4, 6, 34, 46, 56, 94, 95)*	2200	250	5000	C-9	6 9/16				
			16257	250R40/1/CVG	120	24	Clear-COV-R-GUARD™ Teflon® Coated. Food Warming, Reflector-Infrared (4, 6, 46, 47, 56, 83, 94, 95)*	2150	250	5000	C-9	6 9/16				
			37771	250R40/10 6PK	120	30	Reflector-Chill Chaser Infrared Heat Lamp. Red, HRG (2A, 4, 6, 15, 34, 46, 56, 94)*		250	5000	C-9	6 9/16				

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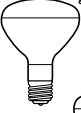

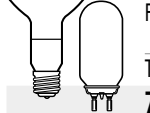
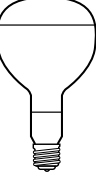
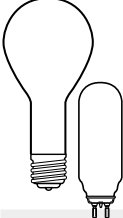





Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>															
<b>250 WATTS (Continued)</b>															
	R40	Med Skirt	20724	250R40/4	120	24	Reflector Infrared Industrial-Light I.F., BB (4, 6, 23, 34, 56, 95)*	250	5000	C-9	7 <sup>7</sup> / <sub>16</sub>				
<b>300 WATTS</b>															
	PAR46	Scrw Term	23427	300PAR56/WFL	120	12	PAR-Wide Flood. Swimming (4, 15)*	6000	300	1000	C-6	4 <sup>1</sup> / <sub>2</sub>			
	PAR56	Mog End Prong (GX16D)	20803	300PAR56/NSP	120	12	Narrow Spot (4, 11, 15, 56, 59)*	3840	300	2000	CC-13	5	2750	68000	10x8
			20836	300PAR56/MFL	120	12	Medium Flood (4, 11, 15, 56, 59)*	3840	300	2000	CC-13	5	2750	24000	23x11
			20838	300PAR56/MFL	130	12	Medium Flood (4, 11, 15, 56, 59)*	3840	300	2000	CC-13	5	2750	24000	23x11
			20849	300PAR56/WFL	120	12	Wide Flood (4, 11, 15, 56, 59)*	3840	300	2000	CC-13	5	2750	11000	37x18
			20851	300PAR56/WFL	130	12	Wide Flood (4, 11, 15, 56, 59)*	3840	300	2000	CC-13	5	2750	11000	37x18
<b>EXPORT PAR LAMPS</b>															
<b>300 WATTS</b>															
	PAR56	GX16DEXT	20853	300PAR56/NSP	230	12	Narrow Spot (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
			18676	300PAR56/NSP	240/0	12	Narrow Spot (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
			20852	300PAR56/MFL	230	12	Medium Flood (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
			18677	300PAR56/MFL	240/0	12	Medium Flood (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
			20854	300PAR56/WFL	230	12	Wide Flood (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
			18678	300PAR56/WFL	240/0	12	Wide Flood (11, 15, 36, 56, 59)*	3450	300	2000	CC-13	5			
<b>INCANDESCENT LAMPS</b>															
<b>300 WATTS</b>															
	PS25	Med	20861	300M	120	60	Clear	6200	300	750	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>		
			20863	300M	130	60	Clear Ratings @ 120 volts.	6120	300	750	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>		
			25919	300M/IF 6PK	120	30	Inside Frost	4170	266	1950					
			20917	300M/IF	130	60	Inside Frost Ratings @ 120 volts.	6200	300	750	CC-8	6 <sup>15</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>		
								4170	266	1950					
	PS30	Med	20887	300M/99	130	60	Clear-Extended Service, BB (23)* Ratings @ 120 volts.	5110	300	2500	C-9	8 <sup>1</sup> / <sub>16</sub>	6		
			20894	300M/99/IF	130	60	I.F.-Extended Service, BB (23)* Ratings @ 120 volts.	3935	266	6800					
								5110	300	2500	C-9	8 <sup>1</sup> / <sub>16</sub>	6		
	PS35	Mog	21139	300/SBIF	130	24	I.F.-Silver Bowl. Burn base up (28, 46)*	5410	300	1000	C-9	9 <sup>3</sup> / <sub>8</sub>	7		
			21167	300/99	130	24	Clear-Extended Service	5190	300	2500	C-9	9 <sup>3</sup> / <sub>8</sub>	7		
			21177	300/99IF	130	24	I.F.-Extended Service, BB (23)*	5190	300	2500	C-9	9 <sup>3</sup> / <sub>8</sub>	7		
			21025	300	130	24	Clear	5820	300	1000	C-9	9 <sup>3</sup> / <sub>8</sub>	7		
			21079	300/IF	130	24	Inside Frost	5820	300	1000	C-9	9 <sup>3</sup> / <sub>8</sub>	7		

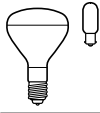





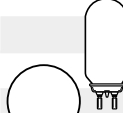
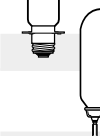


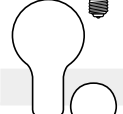



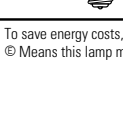
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Bulb	Base	Product Code	Lamp Description	Volts	Case Qty.	Additional Information	Lumens	Watts	Life Hours	Filament Design	MOL in.	LCL in.	Color Temp. K	Approx. Beam Spread
<b>INCANDESCENT LAMPS</b>														
<b>300 WATTS (Continued)</b>														
	R40	Med	21213	300R/FL	120	24	Reflector Flood-I.F. HORIZ (4, 35, 46, 56, 73)*	3700	300	2000	CC-2V (HORIZ)	6 3/16		002500
			21215	300R/FL	130	24	Reflector Flood-I.F. HORIZ (4, 35, 46, 56, 73)* Ratings @ 120 volts.	3465	300	2000	CC-2V (HORIZ)	6 3/16		002500
			21229	300R/FL/1	120	24	Reflector Flood-I.F. BB, HRG (15, 23, 35, 46, 56, 73)*	3700	300	2000	CC-2V (HORIZ)	6 3/4		001900
			21197	300R/SP	120	24	Reflector Spot-Light I.F. HORIZ (4, 35, 46, 56, 73)*	3700	300	2000	CC-2V (HORIZ)	6 3/16		009000
	Mog	21254	300R/3FL	120	24	Reflector Flood-I.F. BB (4, 15, 23, 33, 73)*	3750	300	2000	CC-2V	7 1/4			
		21256	300R/3FL	130	24	Reflector Flood-I.F. BB (4, 15, 23, 33, 73)*	3750	300	2000	CC-2V	7 1/4			
		21263	300R/3FL	250	24	Reflector Flood-I.F. BB (4, 15, 23, 33, 73)*	3300	300	2000	C-7A	7 1/4			
	T20	Med BiPost	21280	300T20/1	120	12	Inside Frost, HRG (15, 52, 73, 89)*	5500	300	1000	C-13	6 1/2	4	
<b>350 WATTS</b>														
	PAR56	Scrw Term	19866	350PAR56/SP	75	12	Ditch Light-Locomotive (4, 15, 59)*	6200	350	500	CC-8	4 1/2		
<b>375 WATTS</b>														
	G30	Med Skirt	21329	375G30	115	24	Clear-Infrared. Industrial, BB (4, 6, 23, 46, 56)*	375	5000		C-7A	7 3/16	5	
	R40	Med Skirt	21331	375R40	115	24	Reflector Infrared Industrial-Light I.F. BB (3, 4, 6, 23, 46, 56)*	375	5000		C-9	7 3/8		
			21334	375R40/1	115	24	Reflector Infrared Industrial-Clear Face, HRG, BB (3, 4, 6, 15, 23, 46, 56)*	375	5000		C-9	7 1/2		
			21336	375R40/10	115	24	Reflector Infrared Industrial-Red Bowl, HRG, BB (3, 4, 6, 15, 23, 46, 56)*	375	5000		C-9	7 1/2		
<b>400 WATTS</b>														
	G30	Med	21363	400G/FL	120	60	Clear-Flood, BDTH, BB (23, 76)*	6800	400	800	C-5	5 1/8	3	
	R40	Med	17542	400R40/FL	120	24	Reflector Flood. Swimming Pool, BB, HRG (15, 23, 35, 36, 93)*	5000	400	2000	CC-2V (HORIZ)	6 3/4		
<b>500 WATTS</b>														
	G30	Med Skirt	21426	500G30/1	115	60	Infrared. Industrial, BB (2A, 6, 23, 46, 56)*	500	5000		C-7A	7 1/8	5	
	PAR64	ExMogEndPR	39406	500PAR64/NSP	120	12	Narrow Spot (4, 11, 15, 56, 59)*	6500	500	2000	CC-13	6	2800	110000 12x7
			39409	500PAR64/MFL	120	12	Medium Flood (4, 11, 15, 56, 59)*	6500	500	2000	CC-13	6	2800	37000 23x11
			39412	500PAR64/WFL	120	12	Wide Flood (4, 11, 15, 56, 59)*	6500	500	2000	CC-13	6	2800	13000 42x20
			MogEndPr	39411	500PAR64/MFL	230	12	Medium Flood (4, 11, 15, 56, 59)*	5500	500	2000	CC-13	6	2700
	PS35	Mog	21530	500	120	24	Clear, BB (23)*	10850	500	1000	CC-8	9 3/8	7	
			21532	500	130	24	Clear, BB (23)*	10850	500	1000	CC-8	9 3/8	7	
			21581	500/IF	130	24	Inside Frost, BB (23)*	10850	500	1000	CC-8	9 3/8	7	











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<b>INCANDESCENT LAMPS</b>															
<b>500 WATTS (Continued)</b>															
	PS35	Mog	21651	500/99/IF	130	24	I.F.-Extended Service, BB (23)*	9070	500	2000	C-9	9 3/4	7		
	PS40	Mog	21687	500PS40	120	24	Clear, BB (23)*	9900	500	1000	C-9	9 3/4	7	9900	
			21643	500/99	130	24	Clear-Extended Service, BB (23)*	9070	500	2000	C-9	9 3/4	7		
	R40	Mog	21734	500R/3FL	120	24	Reflector Flood-I.F. BB, HRG (4, 15, 23, 33, 73)*	6500	500	2000	CC-2V (HORIZ)	7 1/4			
			21736	500R/3FL	130	24	Reflector Flood-I.F. BB, HRG (4, 15, 23, 33, 73)*	6500	500	2000	CC-2V (HORIZ)	7 1/4			
			21744	500R/3FL	250	24	Reflector Flood-I.F. BB, HRG (4, 15, 23, 33, 73)*	6400	500	2000	C-7A	7 1/4			
		Med	41928	500R40/5FL	120	24	Reflector Flood-Swimming Pool, BB, HRG (15, 23, 35, 36, 93)*	6500	500	2000	CC-2V (HORIZ)	6 3/4			
	R52	Mog	21761	500R52	130	12	Reflector High Bay-Light I.F. BB (4, 19, 23, 34, 73, 92)*	7600	500	2000	C-7A	11 3/4			
	T20	Med BiPost	21872	500T20/50	130	12	I.F. HRG (15, 52, 73, 89, 99)*	9800	500	1000	C-13	6 1/2	4		
<b>750 WATTS</b>															
	PS52	Mog	22000	750	130	12	Clear, BB (4, 23, 92)**	17040	750	1000	CC-8	13	9 1/2		
	R52	Mog	22080	750R52	120	12	Reflector High Bay-Light I.F. BB (14, 19, 23, 34, 73, 92)*	13000	750	2000	C-7A	11 3/4			
			22082	750R52	130	12	Reflector High Bay-Light I.F. BB (14, 19, 23, 34, 73, 92)*	13000	750	1500	C-7A	11 3/4			
	T24	Med BiPost	22117	750T24	130	24	Inside Frost, HRG (15, 52, 73, 89)*	14800	750	1000	C-13	9 3/16	5 1/2		
<b>1000 WATTS</b>															
	PS52	Mog	22301	1000/99	130	12	Clear-Extended Service, BB (23)*	19800	1000	2500	C-7A	13	9 1/2		
			22260	1000	130	12	Clear, BB (4, 23, 92)*	23740	1000	1000	CC-8	13	9 1/2		
			22280	1000	250	12	Clear, BB (4, 23, 92)*	17700	1000	2000	C-7A	13	9 1/2		
			22284	1000	277	12	Clear, BB (4, 23, 92)*	17700	1000	2000	C-7A	13	9 1/2		
	T24	Med BiPost	22479	1M/T24	120	24	Inside Frost, HRG (15, 52, 73, 89)*	21200	1000	1000	C-13	9 3/16	5 1/2		
<b>1500 WATTS</b>															
	PS52	Mog	22592	1500	130	12	Clear, BB (4, 20, 23, 92)*	34400	1500	1000	C-7A	13	9 1/2		
<b>LUMEN RATED TRAFFIC SIGNAL LAMPS</b>															
<b>EXTENDED GROUP REPLACEMENT SERVICE</b>															
	P25	Med	20094	1950L/P25/TS	120	60	Clear-Traffic Signal (BDTH), BB (23)*	1950	165	8000	C-9	4 3/4	3		
			20096	1950L/P25/TS	125	60	Clear-Traffic Signal (BDTH), BB (23)*	1950	165	8000	C-9	4 3/4	3		
			20097	1950L/P25/TS	130	60	Clear-Traffic Signal (BDTH), BB (23)*	1950	165	8000	C-9	4 3/4	3		
<b>INCANDESCENT LAMPS BY AMPERES</b>															
	S8	SC Pf	23478	55A/S8	12	100	Clear-Marine Signal. Spiral lead (37)*		500		C-8	2	1 1/8		
			23501	77A/S8	12	100	Clear-Marine Signal. Spiral lead (37)*		500		C-8	2	1 1/8		
	T8	SC Pf	23258	4A/T8SCP	9	24	Clear-Sound Reproduction, Source WxH: 4.8 x 1.2mm. ANSI: BXM, NPBB55 (1, 37, 55, 61)*	560	500		C-6	3 1/8	1 15/32		





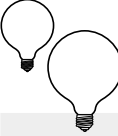






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<b>INCANDESCENT LAMPS</b>														
<b>BY AMPERES (Continued)</b>														
	T8	SC Bay	23326	7.5A/T8/92SC	10	24	Clear-Sound Reproduction Optical Comparator. Source WxH: 1.8 x 4.6mm. ANSI: BXE, BB (1, 23, 61)*	1620	100	C-8Z	3 1/8	1 3/4		
	R40	Med	23423	21A/R40/FL	12	24	Reflector Flood-I.F. Swimming pool. BDTH, HORIZ, HRG, BB (15, 21, 23, 35, 53)*		1000	C-2V	6 1/16			
<b>AIRPORT LAMPS</b>														
<b>30 WATTS</b>														
	T10	Med Pf	23294	6.6A/T10/1P	30W	60	Clear (1)*	400	30	1000	C-2V	3 15/16	1 1/2	
<b>40 WATTS</b>														
	T10	Med Pf	15921	40T10P	120	60	Clear (1)*	400	40	1000	CC-2V	3 15/16	1 1/2	
<b>45 WATTS</b>														
	PAR38	Med Skirt	15937	45PAR38/6.6	6.6A	12	Flood, BB (15, 23)*	700	45	800	C-6	5 5/16		
	PAR56	Scrw Term	23310	6.6A/PAR56/5	45W	12	Stippled cover (15)*	700	45	1000	C-8	4 1/2		
	T10	Med Pf	23295	6.6A/T10P	45W	60	Clear (1)*	675	45	1000	C-2V	3 15/16	1 1/2	
<b>120 WATTS</b>														
	PAR64	Scrw Term	39395	120PAR	6	12	Transmissometer. Filament Shielded. Very Narrow Spot (15)*	780	120	3000	C-6	4		
<b>200 WATTS</b>														
	T14	Med Pf	23298	6.6A/T14P	200W	24	Clear (1)*	4900	200		C-13	5 3/4	2 3/16	
<b>204 WATTS</b>														
	T14	Med Pf	23300	6.6A/T14/2P	204W	24	Clear (1)*	4220	204	500	C-13	5 3/4	2 3/16	
<b>210 WATTS</b>														
	T14	Med Pf	34677	6.6A/T14/3P	210W	24	Clear, HRG (1, 15)*	4800	210	300	C-13	5 3/4	2 3/16	
<b>503 WATTS</b>														
	T20	Med BiPost	23417	20A/T20/3	503W	12	Clear, HRG (1, 15, 73, 89)*	10300	503	500	C-13	6 1/2	2 21/32	
<b>620 WATTS</b>														
	PS40	Mog Pf	21950	620PS40P	120	24	Clear	11200	620	3000	C-9	10 1/16	5 11/16	
			21952	620PS40P	130	24	Clear	11200	620	3000	C-9	10 1/16	5 11/16	
<b>1000 WATTS</b>														
	T20	Mog BiPost	22429	1M/T20BP	120	12	Clear-Beacon, HRG (1, 15)*	22000	1000	500	C-13	9 1/2	4	
<b>1200 WATTS</b>														
	T20	Mog BiPost	22524	1200T20	115	12	Clear-Beacon, HRG (1, 15, 73, 99)*	29600	1200	750	CC-8	9 1/2	4	
<b>MULTIPLE STREET LIGHTING LAMPS</b>														
<b>GROUP REPLACEMENT SERVICE</b>														
	PS25	Med	19939	189PS25/64	130	60	Clear, BB (23)*	189	3000	C-9	6 15/16	5 1/4		
	PS35	Mog	20772	295PS35/58	125	24	Clear, BB (23)*	295	3000	C-9	9 3/8	7		
	PS40	Mog	21408	405PS40/54	120	24	Clear, BB (23)*	6850	405	3000	C-9	9 3/4	7	
<b>EXTENDED GROUP REPLACEMENT SERVICE</b>														
	A23	Med	42392	105A23/12	125	120	Clear, BB (23)*	105	12000	C-9	5 15/16	4 7/16		
	PS25	Med	42663	205PS25/12	125	60	Clear, BB (23)*	205	12000	C-9	6 15/16	5 1/4		
	PS35	Mog	21307	327PS35	125	24	Clear, BB (23)*	327	6000	C-9	9 3/8	7		





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<b>DECORATIVE LAMPS</b>														
<b>15 WATTS</b>														
	B8	Cand	27500	15BC/CD2	120	120	Clear-Blunt Tip (9)*	15	1500	C-7A				
	CA8	Cand	47929	15CAC CD/2	120	60	Clear-Bent Tip (9)*	15	1500	C-7A	4 1/8			
			41524	15CAC/L	120	120	Clear-Bent Tip, LL	15	4000	C-7A	4 1/8			
			47930	15CAC/F CD/2	120	60	Frost-Bent Tip (9)*	15	1500	C-7A	4 1/8			
F10	Cand	47928	15FC CD/2	120	60	Clear-Flame (9)*	15	1500	C-7A	3 1/8				
		47927	15FC/AU CD/2	120	60	Auradescent-Flame (9)*	15	1500	C-7A	3 1/8				
	G16 1/2	Cand	12578	15GC/L	120	60	Clear-Globe, LL	15	4000	C-7A	3			
<b>25 WATTS</b>														
	B10	Cand	15787	25BC 25PK	120	200	Clear-Blunt Tip, BDTH (76)*	25	1500	C-7A	3 3/4			
			47939	25BC CD/2	120	60	Clear-Blunt Tip, BDTH (9, 76)*	25	1500	CC-2V	3 3/4			
	B13	Med	22756	25BM CD/2	120	60	Clear-Blunt Tip (9)*	25	1500	C-9	4 5/8			
			CA10	Cand	15777	25CAC 25PK	120	200	Clear-Bent Tip, BDTH (76)*	25	1500	CC-2V	4 1/8	
47933	25CAC CD/2	120	60		Clear-Bent Tip, BDTH (9, 76)*	25	1500	CC-2V	4 1/8					
16045	25CAC CD/4	120	30		Clear-Bent Tip, BDTH (44, 76)*	25	1500	CC-2V	4 1/8					
47934	25CAC/F CD/2	120	60		Frost-Bent Tip, BDTH (9, 76)*	25	1500	CC-2V	4 1/8					
16046	25CAC/F CD/4	120	30		Frost-Bent Tip, BDTH (44, 76)*	25	1500	CC-2V	4 1/8					
40045	25CAC/L	120	120		Clear-Bent Tip, BDTH, LL (76)*	25	4000	CC-2V	4 1/8					
	F15	Med	18890	25FM CD/2	120	30	Clear-Flame (9)*	25	1500	C-6	4 3/8			
			18895	25FM/W CD/2	120	30	White-Flame (9)*	25	1500	C-6	4 3/8			
			18891	25FM/A CD/2	120	30	Amber-Flame (9)*	25	1500	C-6	4 3/8			
			18894	25FM/AU CD/2	120	30	Auradescent-Flame (9)*	25	1500	C-6	4 3/8			
	G16 1/2	Cand	11303	25GC 12PK	120	120	Clear-Globe	25	1500	C-9	3			
			15790	25GC 25PK	120	100	Clear-Globe	25	1500	C-9	3			
			17722	25GC CD/2	120	60	Clear-Globe (9)*	25	1500	C-9	3			
			23510	25GC/AU CD/2	120	60	Auradescent - Globe (9)*	25	1500	C-9	3			
			39679	25GC/W 12PK	120	120	White-Globe	25	1500	C-9	3			
			17729	25GC/W CD/2	120	60	White-Globe (9)*	25	1500	C-9	3			
			43158	25GC/L	120	60	Clear-Globe, LL	25	4000	C-9	3			
	G25	Med	12983	25G25 6PK	120	6	Clear-Globe	25	1500	C-9	4 1/2			
			25545	25G25 CPK	120	24	Clear-Globe	25	1500	C-9	4 1/2			
			20408	25G25/L 24PK	120	24	Clear-Globe, LL	25	4000	C-9	4 1/2			
			12982	25G25/W 6PK	120	6	White-Globe	25	1500	C-9	4 1/2			
			25546	25G25/W CPK	120	24	White-Globe	25	1500	C-9	4 1/2			
			20410	25G25/W/L 24PK	120	24	White-Globe, LL	25	4000	C-9	4 1/2			
<b>40 WATTS</b>														
	B10	Cand	15788	40BC 25PK	120	200	Clear-Blunt Tip, BDTH (76)*	40	1500	CC-2V	3 3/4			
			19110	40BC 6PK CD/2	120	30	Clear-Blunt Tip, BDTH (9, 76)*	40	1500	CC-2V	3 3/4			
	B13	Med	19981	40BC CD/4	120	30	Clear-Blunt Tip, BDTH (44, 76)*	40	1500	CC-2V	3 3/4			
			27292	40BFC/CD2 6PK	120	30	Faceted-Blunt Tip, BDTH (9, 76)*	40	1500	CC-2V	3 3/4			
	CA9	Med	12993	40BM CD/2	120	60	Clear-Blunt Tip (9)*	40	1500	C-9	4 5/8			
			27310	40BM/CD4	120	24	Clear-Blunt Tip (44)*	40	1500	C-9	4 5/8			
	CA9	Med	47945	40CAM CD/2	120	60	Clear-Bent Tip, BDTH (9, 76)*	40	1500	CC-2V	4 9/16			
			16049	40CAM CD/4	120	30	Clear-Bent Tip, BDTH (44, 76)*	40	1500	CC-2V	4 9/16			
			12994	40CAM/F CD/2	120	60	Frost-Bent Tip, BDTH (9, 76)*	40	1500	CC-2V	4 9/16			
			22813	40CAM/LL/BB CD/2	120	30	Clear-Bent Tip, House Garden™ LL, BDTH (9, 23, 76)*	40	4000	CC-2V	4 9/16			

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<b>DECORATIVE LAMPS</b>													
<b>40 WATTS (Continued)</b>													
	CA10	Cand	15778	40CAC 25PK	120	200	Clear-Bent Tip, BDTH (76)*	40	1500	CC-2V	4 1/8		
			19107	40CAC CD/2	120	30	Clear-Bent Tip, BDTH (9, 76)*	40	1500	CC-2V	4 1/8		
			16047	40CAC CD/4	120	30	Clear-Bent Tip, BDTH (44, 76)*	40	1500	CC-2V	4 1/8		
			47941	40CAC/F CD/2	120	60	Frost-Bent Tip, BDTH (9, 76)*	40	1500	CC-2V	4 1/8		
			16048	40CAC/F CD/4	120	30	Frost-Bent Tip, BDTH (44, 76)*	40	1500	CC-2V	4 1/8		
			40050	40CAC/L	120	120	Clear-Bent Tip, BDTH, LL (76)*	40	4000	CC-2V	4 1/8		
			22812	40CAC/LL/BB CD/2	120	30	Clear-Bent Tip, House Garden™ LL, BDTH (9, 23, 76)*	40	4000	CC-2V	4 1/8		
	F15	Med	18896	40FM CD/2	120	30	Clear-Flame (9)*	40	1500	C-6	4 3/8		
			18899	40FM/W CD/2	120	30	White-Flame (9)*	40	1500	C-6	4 3/8		
			18897	40FM/AU CD/2	120	30	Auradescent-Flame (9)*	40	1500	C-6	4 3/8		
	G16 1/2	Cand	14958	40GC 12PK	120	120	Clear-Globe, BDTH (4, 76)*	40	1500	C-9	3		
			17730	40GC CD/2	120	60	Clear-Globe, BDTH (4, 9, 76)*	40	1500	C-9	3		
			23511	40GC/AU CD/2	120	60	Auradescent - Globe, BDTH (4, 76)*	40	1500	C-7A	3		
			12999	40GC/W 12PK	120	120	White-Globe, BDTH (4, 76)*	40	1500	C-9	3		
			17732	40GC/W CD/2	120	60	White-Globe, BDTH (4, 9, 76)*	40	1500	C-9	3		
	G25	Med	12980	40G25 6PK	120	6	Clear-Globe	40	1500	C-9	4 1/2		
			25548	40G25 CPK	120	24	Clear-Globe	40	1500	C-9	4 1/2		
			20419	40G25/L 24PK	120	24	Clear-Globe, LL	40	4000	C-9	4 1/2		
			12979	40G25/W 6PK	120	6	White-Globe	40	1500	C-9	4 1/2		
			25547	40G25/W CPK	120	24	White-Globe	40	1500	C-9	4 1/2		
			22991	40G25/W/PRO 6PK	120	6	White-Globe	40	1500	C-9	4 1/2		
			20420	40G25/W/L 24PK	120	24	White-Globe, LL	40	4000	C-9	4 1/2		
			20823	40G25/NEO 6PK	120	6	Neodymium - Enrich™	40	1500	C-9	4 1/2		
			27499	40G30/W	120	24	White-Globe	40	2500	CC-6	5		
	G30	Med	37914	40G40	120	24	Clear-Globe	40	2500	CC-6	6 15/16		
			36191	40G40/W 6PK	120	6	White-Globe	40	2500	CC-6	6 15/16		
			<b>60 WATTS</b>										
	B10	Cand	47949	60BC CD/2	120	60	Clear-Blunt Tip, BDTH (9, 13, 76)*	60	1500	CC-2V	3 3/4		
			27298	60BC/CD4	120	120	Clear-Blunt Tip, BDTH (13, 44, 76)*	60	1500	CC-2V	3 3/4		
	B13	Med	22757	60BM CD/2	120	60	Clear-Blunt Tip (9)*	60	1500	C-9	4 5/8		
			27497	60BM/CD4	120	24	Clear-Blunt Tip (44)*	60	1500	C-9	4 5/8		
	CA9	Med	47948	60CAM CD/2	120	60	Clear-Bent Tip, BDTH (9, 13, 76)*	60	1500	CC-2V	4 9/16		
			21009	60CAM CD/4	120	30	Clear-Bent Tip, BDTH (13, 44, 76)*	60	1500	CC-2V	4 9/16		
	CA10	Cand	15781	60CAC 25PK	120	200	Clear-Bent Tip, BDTH (13, 76)*	60	1500	CC-2V	4 1/8		
			19153	60CAC 6PK CD/2	120	30	Clear-Bent Tip, BDTH (13, 76)*	60	1500	CC-2V	4 1/8		
			16050	60CAC CD/4	120	30	Clear-Bent Tip, BDTH (13, 44, 76)*	60	1500	CC-2V	4 1/8		
			47947	60CAC/F CD/2	120	60	Frost-Bent Tip, BDTH (9, 13, 76)*	60	1500	CC-2V	4 1/8		
			16051	60CAC/F CD/4	120	30	Frost-Bent Tip, BDTH (13, 44, 76)*	60	1500	CC-2V	4 1/8		
	G16 1/2	Cand	23091	60GC CD/2	120	60	Clear-Globe, BDTH (4, 9, 76)*	60	1500	C-9	3		
			23093	60GC/W CD/2	120	60	White-Globe, BDTH (4, 9, 76)*	60	1500	C-9	3		
	G25	Med	14846	60G25 6PK	120	6	Clear-Globe	60	1500	C-9	4 1/2		
			20427	60G25 24PK	120	24	Clear-Globe	60	1500	C-9	4 1/2		

To save energy costs, find the bulbs with the light output you need, then choose the one with the lowest watts. To convert inches to millimeters, multiply by 25.4.  
 © Means this lamp meets Federal Minimum Efficiency Standards. (\*) \* All footnote references found at the end of this section. ➤ Reduced Wattage

Bulb	Base	Product Code	Lamp Description	Case Volts	Case Qty.	Additional Information	Life Watts	Filament Hours	Design	MOL in.	LCL in.	Color Temp. K	Approx. CBCP	Approx. Beam Spread
<b>DECORATIVE LAMPS</b>														
<b>60 WATTS (Continued)</b>														
	G25	Med	14848	60G25/W 6PK	120	6	White-Globe	60	1500	C-9	4 1/2			
			20428	60G25/W 24PK	120	24	White-Globe	60	1500	C-9	4 1/2			
	G30	Med	14850	60G30/W 6PK	120	24	White-Globe. Retail Pack	60	2500	CC-9	5			
	G40	Med	14187	60G40 6PK	120	6	Clear-Globe	60	2500	CC-6	6 15/16			
			49780	60G40/W 6PK	120	6	White-Globe	60	2500	CC-6	6 15/16			
16741			60G40/W CPK	120	24	White-Globe	60	2500	CC-6	6 15/16				
		36193	75G40/W 6PK	120	6	White-Globe	75	2500	CC-6	6 15/16				
E17	Med	10695	75E17/TF 6PK	120	120	Post Light, Teflon® Coated, House Garden™ BB (23, 47)*	75	4000	CC-6	5				
<b>100 WATTS</b>														
	F20	Med	27287	100F20/TF/POST	120	120	Post Light, Teflon® Coated, House Garden™ BB (23, 47)*	100	3000	CC-9	5			
<b>150 WATTS</b>														
	G40	Med	49781	100G40/W 6PK	120	6	White-Globe	100	2500	CC-6	6 15/16			
			16742	100G40/W CPK	120	24	White-Globe	100	2500	CC-6	6 15/16			
			16585	150G40/W	120	24	White-Globe	150	2500	CC-6	6 15/16			
<b>PORTABLE LIGHTING PRODUCTS</b>														
<b>75 WATTS</b>														
	R30	Med	44848	PLK-1	120	4	Plant Light Kit includes one 75R30/PL Plant Light lamp, UL listed holder and information booklet	75		CC-6				

Bulb	Base	Order Code	Lamp Description	Case Volts	Case Qty.	Additional Information	Lumens	Watts	Rated Avg. Life Hours	Filament Design	MOL In	MOL (mm)	Temp K	Approx. CBCP	Approx. Beam Spread
<b>EXPORT-ONLY LAMPS (See restrictions on page 1-32 under "General Information")</b>															
	Med Skirt	14506	75PAR/FL/65WM/EX	130	12	Watt-Miser®, Flood (15,23,56,96)*	675	65	2000	CC-6	5 9/16	(134.9)	2675	1750	30
		14505	75PAR/SP/65WM/EX	130	12	Watt-Miser®, Spot (15,23,56,96)*	675	65	2000	CC-6	5 9/16	(134.9)	2675	5900	14
		14510	75PAR/FL/EX	120	12	Flood (15,23,56,96)*	765	75	2000	CC-6	5 9/16	(134.9)	2700	1750	33
		14523	75PAR/FL/EX	130	12	Flood (15,23,56,96)*	765	75	2000	CC-6	5 9/16	(134.9)	2700	1750	33
		14509	100PAR/FL/85WM/EX	120	6	Miser® Flood (14,15,23,56,96)*	930	85	2000	CC-6	5 9/16	(134.9)	2700	2000	37
R40	Med	14549	100R/FL/EX	120	24	Reflector Flood, IF (4,35,56)*	1190	100	2000	CC-6	6 9/16	(166.7)	-	-	-
		14559	100R/FL/EX	130	24	Reflector Flood (4,35,56)*	1190	100	2000	CC-6	6 9/16	(166.7)	-	-	-
	Med Skirt	14501	150PAR/FL/120WM/EX	120	12	Watt-Miser®, Flood (14,15,23,56,96)*	1370	120	2000	CC-6	5 9/16	(134.9)	2725	3600	30
		14502	150PAR/SP/120WM/EX	120	12	Watt-Miser®, Spot (14,15,23,56,96)*	1370	120	2000	CC-6	5 9/16	(134.9)	2725	9200	18
		14503	150PAR/FL/120WM/EX	130	12	Watt-Miser®, Flood (14,15,23,56,96)*	1370	120	2000	CC-6	5 9/16	(134.9)	2725	3600	30
		14531	150PAR/FL/EX	120	12	Flood (14,15,23,56,96)*	1740	150	2000	CC-6	5 9/16	(134.9)	2775	3100	36
		14532	150PAR/FL/EX	130	12	Flood (14,15,23,56,96)*	1740	150	2000	CC-6	5 9/16	(134.9)	2775	3100	36
R40	Med	14535	150PAR/SP/EX	120	12	Spot (14,15,23,56,96)*	1740	150	2000	CC-6	5 9/16	(134.9)	2775	12000	16
		14561	150R/FL/EX	120	24	Reflector Flood, ANSI:DW, (4,35,46,56)*	1900	150	2000	CC-6	6 9/16	(166.7)	-	-	-
		14563	150R/FL/EX	130	24	Reflector Flood (4,35,46,56)*	1900	150	2000	CC-6	6 9/16	(166.7)	-	-	-

To save energy costs, find the bulbs with the light output you need, then choose the one with the lowest watts. To convert inches to millimeters, multiply by 25.4.  
 © Means this lamp meets Federal Minimum Efficiency Standards. (\*) \* All footnote references found at the end of this section. ➤ Reduced Wattage

**GENERAL INFORMATION****PROTECTION FROM MOISTURE**

When HRG or footnote 15 (Hard Glass) appears in the Lamp Designation or Description column, the outer bulbs are made of special thermal-shock-resistant glass. However, sometimes external protection of the lamps is also needed to eliminate the chance of bulb breakage due to contact with water during operation. Footnotes will indicate when external protection is needed. Where HRG is not shown, the bulb glass is such that the lamps require protection from exposure to mist or condensation as well as direct contact with water during operation. Cov-R-Guard™ lamps and some Saf-T-Gard® lamps (lamps coated with Teflon®) need no such protection from water. (Teflon® is a registered trademark of DuPont.)

**RATED AVERAGE LIFE**

Values are based on a large number of representative lamps under controlled laboratory conditions. Individual lamps or groups of lamps may vary from the Nominal Life. Lamp Life is a median value of life expectancy – the total operating time at which under normal conditions, 50% of any large group of initially installed lamps are expected to be still burning.

**BASES**

When Footnote 23 or BB (Brass Base) appears in the Lamp Designation or Description column, the lamp is supplied only with a brass base. If Brass Base (Footnote 23 or BB) does not appear, the lamp is supplied only with an aluminum base. Brass Bases are recommended for outdoor lighting applications.

**BURNING POSITION**

Unless otherwise stated, the lamp can be burned in any position. Limitations on lamp operating position are shown in the Description column. The following abbreviations are used:

BDTH (Burn lamp in Base Down To Horizontal Position)  
BUTV (Burn lamp in Base Up To Vertical Position)

**EXPORT-ONLY LAMPS**

The U.S. Energy Policy Act of 1992 and Canadian energy legislation prohibit the manufacture and/or importation of certain lamp types for sale in Canada, the United States, and its territories. The incandescent lamps in the section, "Export-Only Lamps," are for sale outside of these areas.

**FOOTNOTES****# Footnote**

- 1 Burning position-base down only
- 1A Because bulb coating may become electrically conductive, take precaution to avoid electric shock: use in sockets supplied by same voltage as marked on lamp. Do not install in higher-voltage series circuits.
- 2 Burning position-horizontal
- 2A Do not allow the bulb to be dragged across or to strike a hard surface since this action may cause minute cracks. Do not place lamp directly over the exposed person unless a protective screen or mesh is between lamp and user.
- 3 Burning position - base up.
- 3A Operate lamp only when bulb is cooled by direct immersion in water, to avoid overheating. Observe cleaning instructions.
- 4 Avoid contact of hot glass bulb with liquid or metal, as glass may shatter.
- 6 Design life in excess of 5000 hours. Actual life depends on service conditions.
- 7 Base pins approximately parallel to plane of lead wires.
- 8 For use only in equipment specially designed to maintain bulb and base temperatures within safe limits.
- 9 Indicates total count of 2-lamp packs in shipping units. Multiply by 2 to determine actual quantity of lamps.
- 10 Single contact medium bayonet base without pins, with a lug focusing sleeve as indicated. LCL and A.A. tolerance:  $1/64$  in.
- 11 To protect persons against risk of breakage, use a protective screen external to the lamp.
- 12 Not recommended for horizontal burning.
- 13 Unsatisfactory lamp operation is likely to occur in burning position between horizontal and base up, particularly between 45° from base up and base up.
- 14 In "base up" use, heat eventually may deteriorate paper-lined or plastic sockets.
- 15 Lamp is made of heat resistant glass (HRG).
- 18 Operating position horizontal with locating lug up or down and with lamp supported by bulb rim.
- 19 Burn within 25° of vertically base up.

**# Footnote**

- 20 Recommended burning position: any within 60° of vertically base up or down; but lumen maintenance is best when burned vertically base up.
- 21 May not give satisfactory performance if any accessory equipment is attached to or touches the glass bulb. The bulb, although made of heat-resistant glass, may break if moisture falls on it.
- 23 Lamp base is a brass base (BB).
- 25 To produce all three levels of light, this lamp should be tightened firmly but not forcibly in the socket to assure that all contacts are connected.
- 28 For use only in porcelain sockets and fixtures so designed that the temperatures of the lamp and fixture do not exceed limits for satisfactory operation.
- 29 Average laboratory life is 200 hours for vacuum cleaners and 600 hours for sewing machine services.
- 31 Bulb top selected for minimum glass imperfections.
- 32 This 277-volt lamp should be enclosed if it is used on high-capacity low impedance electrical distribution systems. At the end of lamp life on such systems, the lamp may shatter, with risk of injury to persons or property if it is not suitably enclosed.
- 33 Light output is maintained best when burned within 45° of vertically base up.
- 34 May not give satisfactory performance if any accessory equipment is attached to or touches the glass bulb.
- 35 Should not be used in equipment where the base temperature will exceed 500°F (260°C)
- 36 Should be shielded against moisture falling on the bulb.
- 37 The plane containing the base axis and the major locking eyelet (the eyelet that is equidistant from the other two eyelets) is at right angles to the plane of the filament or lead wires. Distance from bottom base contact to bottom of the collar is .4
- 38 Special base. Lead wire to shell soldered at bottom.
- 39 Tungsten powder cleaner in bulb. Useful lamp life and maintenance of output depend on periodic removal from socket and rotating to scour bulb wall with tungsten powder to remove dark film that normally accumulates.
- 40 Operate base down within 45° of vertical. Any tilt should be in direction in which the filament plane faces.
- 41 Nominal watts. Actual watts are determined by multiplying the volts by the design amperes.
- 43 Design volts of range: 240
- 44 Indicates total count of 4-lamp packs in shipping units. Multiply by 4 to determine actual quantity of lamps.
- 46 This lamp produces base temperatures which may deteriorate paper-lined or plastic sockets. Use only in fixtures approved for this type and wattage bulb.
- 47 Teflon® coated. Teflon is a registered trademark of DuPont.
- 52 Operate base up, within 30° of vertical.
- 53 Use lamp only on circuits supplying the same voltage as marked on the bulb. DO NOT insert in household sockets.
- 55 Lamp base is a nickel plated brass base (NPBB).
- 56 Avoid use at short distances on materials that are inflammable or susceptible to heat damage.
- 58 For use only with heat-resistant connector and with lamp supported by bulb rim or metal shell of base.
- 59 For use only with heat-resistant connector and with lamp supported by bulb rim.
- 61 Maximum Excursion Radius:  $7/8$  in.
- 62 Wattage shown is nominal. Design current is 0.139 amps at 120 volts.
- 64 Designed for base down burning but can be operated in other positions. Brightness maintenance is best when filament is viewed horizontally or from below when lamp is burned in any position other than base down.
- 66 Rated average life is based on 14-volt operation.
- 69 Light center length and A.A. tolerance:  $1/16$  in.
- 70 Light center length and A.A. tolerance:  $1/64$  in.
- 71 Burning position - plane through lamp axis and base terminals is horizontal.
- 72 Burning position - plane through lamp axis and base prongs is horizontal. Base is without insulator.
- 73 Collector grid.
- 74 High Intensity (Supplementary Lighting) lamps should be replaced only with an equivalent lamp having correct volts and watts for the fixture used. Substituting higher wattage lamps may cause damage to fixture.
- 76 Burn base down to horizontal.
- 78 Use only in fixtures rated for Cool Beam lamp operation.
- 80 Do not use lamp in application where it may be exposed to direct water splash. If lamp is used outdoors, it must be protected by an enclosed fixture or an overhang. Failure to properly protect the lamp can result in premature failure of the lamp.
- 83 Will operate in any burning position, but fixed-socket usage other than base up or continuous burning in any position in ambient temperatures above 150°F (66°C), may result in some loss of protective coating. Reflectors and accessories may raise bulb temperature and cause some loss of protective coating.
- 88 If lamp is cracked or broken, replace immediately. The lamp may continue to light, but the inner bulb is pressurized and could unexpectedly shatter. Dispose of with care.
- 89 Insertion in "twist-in" type sockets requires only a slight clockwise turn - excessive force may break the bulb.
- 92 LAMP SHOULD BE SCREWED FIRMLY INTO THE SOCKET, ALTHOUGH NOT FORCIBLY so that it will not loosen and fall out. USE LAMP-GRIP SOCKETS OR WIRE GUARDS where vibration is present, particularly if lamp is used above or close to people. DO NOT ATTEMPT TO USE THE LAMP IF THE FILAMENT HAS BEEN BROKEN even though ends of filament are in contact. Also, HAVE CIRCUITS PROPERLY FUSED. DO NOT USE IF GLASS IS CRACKED.
- 93 Use only in swimming pool fixtures that comply with applicable safety standards and codes.
- 94 Observe operating and exposure limitations stated on packaging material, fixture and/or instruction booklet enclosed.
- 95 Do not use in hazardous locations such as near gasoline or other combustible materials or vapor.
- 96 Under moist conditions, metal parts of lamp and lamp holder may become a shock hazard. Therefore, disconnect from circuit before touching.
- 97 While this lamp was carefully inspected before shipment, the glass bulb may crack when subjected to abnormal pressure. Therefore, it is recommended that the bulb be grasped with a cloth or glove when removing or installing the lamp in a tight-fitting socket.
- 98 For use only in equipment designed for lamps of this type and wattage, having ventilation adequate to maintain bulb and base temperatures within safe limits.
- 99 Indicates total count of 3-lamp packs in shipping units. Multiply by 3 to determine actual quantity of lamps.
- 100 Caution: do not use in applications where contact with rain, snow, oil, lubricants, water or other liquids is possible as breakage and shattering glass may occur OR where gasoline or other combustible materials or vapors are present.
- 101 Caution: for safe use, use only where night light and bulb cannot contact bed coverings, hanging drapes or other materials that may present a fire hazard.
- 102 Bulb should be used in household voltage high intensity lamps only. Check fixtures for correct bulb number.
- 103 Warning - temperatures sufficient to cause burns may occur. Do not touch bulb during operation. Allow at least 5 minutes for bulb to cool before touching. Keep bulb out of reach of children and pets. To avoid risk of fire, do not use this bulb in enclosed fixtures or with lamp shades. Keep paper or other flammable or heat sensitive materials at least 12 inches away from the bulb. Do not use in paper lined sockets.
- 104 Caution - Burn base down only.
- 105 Caution - This lamp produces base temperatures which may deteriorate paper-lined or plastic sockets. Use only in fixtures approved for this wattage bulb.