



**CENTRAL  
INDUSTRIES**

# STANDARD HALOGEN PAR LAMPS

## ***BENEFITS OF STANDARD HALOGEN PAR LAMPS***

- Available in PAR16, PAR20, PAR30 and PAR38 shapes
- Longer life compared to incandescent lamps
- Bright, white light ideal for retail and commercial applications
- Perfect for both indoor and outdoor use
- Available in spot and flood beam patterns
- Dimmable
- More energy-efficient than incandescent lamps

**Recommended Applications:** Recessed, Track, Accent and Outdoor Security Lighting



**Call 800-304-8484 or FAX 800-932-1222**

**Central Industries, Inc.**

*Specializing in Long-Life, Energy-Saving Lighting Products*

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# Standard Halogen PAR Lamps

Watts	Base	Order No.	Code Abbreviation	Volts	Master Pack	Beam Spread	Filament	Avg. Rated Hours	Lumens	Candle Power	MOL	Base Material
●45	Medium	60629	45PAR16/H/FL/130	130	15	27	CC8	2000	450	650	2 7/8"	NPB*
60	Medium	60727	60PAR16/H/FL/130	130	15	27	CC8	2000	580	2000	2 7/8"	Brass
●50	Medium	60610	50PAR20/H/FL	120	12	56	CC8	2500	550	1250	3 1/4"	Brass
50	Medium	60728	50PAR20/H/FL/130	130	15	30	CC8	2000	550	1400	3 1/4"	Brass
●50	Medium	60633	50PAR20/H/SP/130	130	15	16	CC8	2000	550	1500	3 1/4"	NPB*
●50	Medium	60612	50PAR30/H/FL	120	12	30	CC8	2500	660	1350	3 5/8"	Brass
●50	Medium	60614	50PAR30/LN/H/FL	120	12	35	CC8	2500	660	1350	4 3/4"	Brass
50	Medium	60729	50PAR30/LN/H/FL/130	130	15	40	CC8	2000	530	1250	4 3/4"	Brass
●50	Medium	60630	50PAR30/LN/H/SP/130	130	15	16	CC8	2000	530	2500	4 3/4"	NPB*
●75	Medium	60616	75PAR30/H/FL	120	12	35	CC8	2500	1100	2400	3 5/8"	Brass
●75	Medium	60619	75PAR30/LN/H/FL	120	12	35	CC8	2500	1100	2400	4 3/4"	Brass
75	Medium	60730	75PAR30/LN/H/FL/130	130	15	40	CC8	2000	940	2200	4 3/4"	Brass
●75	Medium	60631	75PAR30/LN/H/SP/130	130	15	16	CC8	2000	940	3500	4 3/4"	Brass
45	Medium	60726	45PAR38/H/FL/130	130	12	28	CC8	2500	530	2000	5 5/16"	Brass
45	Medium	60731	45PAR38/H/SP/130	130	12	12	CC8	2500	530	5800	5 5/16"	Brass
●90	Medium	60623	90PAR38/H/FL	120	12	30	CC8	2500	1270	4000	5 5/16"	Brass
90	Medium	60724	90PAR38/H/FL/130	130	12	28	CC8	2500	1280	4500	5 5/16"	Brass
90	Medium	60725	90PAR38/H/SP/130	130	12	12	CC8	2500	1280	14500	5 5/16"	Brass
60	Medium	60720	60PAR38/H/D/FL/130	130	12	28	CC8	3000	800	3600	5 5/16"	Brass
60	Medium	60721	60PAR38/H/D/SP/130	130	12	12	CC8	3000	800	13500	5 5/16"	Brass

- New Item
- \* Nickel-Plated Brass

## General Information

### Operating Conditions

Lamps can be operated throughout the range of ambient temperatures associated with indoor and outdoor general lighting. PAR38 lamps can be installed outdoors without protection provided they are used in water-tight lampholders. A heat-resistant rubber ring should be fitted between the lamp and the lampholder.

Use only lampholders or fixtures listed by a nationally-recognized testing organization for use with reflector or PAR lamps. Lamps should not be used in equipment where the base temperature will exceed 500°F.

### EPACT and Labeling Laws

PAR lamps meet the minimum efficiency standards set forth in the U.S. Department of Energy's National Energy Policy Act (EPACT). These lamps are also subject to the U.S. Federal Trade Commission's labeling requirements for incandescent lamps. The law requires that packaging prominently features light output (lumens), energy used (watts), and rated life (hours). This information is listed for operation at design voltage.

### Base

Halogen PAR lamps utilize a high quality, brass base which will not corrode or freeze in sockets.

### Maximum Overall Length

The maximum overall length of a lamp is measured in inches from the top of the bulb to the bottom of the base.

### Halogen Cycle

Compared with ordinary incandescent lamps, halogen lamps offer better efficiency, whiter light, near-perfect lumen maintenance and smaller size. These benefits are results of the halogen cycle. During lamp operation, evaporated tungsten combines with halogen gas and is re-deposited on the filament, instead of on the lamp wall.

### Beam Spread

Halogen PAR lamps are available in both spot and flood beam patterns. Spots produce dramatic effects and are preferred for accent and display lighting. Floods provide even, overall illumination ideal for general lighting.

### Average Rated Hours

Lamps are designed to deliver their published Average Rated Hours when operated continuously, at suitable line voltage and ambient temperatures, and with a proper ballast and fixture that meet ANSI standards.