Halogen lighting

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  112 ALUline Pro III Lamps
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Halogen Energy Advantage IR Plus Lamps provide the most enhanced features of our halogen lamp line. The double-ended burner with an IR coating optimizes lumen output. Therefore, you can use a lower wattage lamp to achieve energy savings and also get a longer rated average life than standard halogen equivalents.

EcoVantage Lamps are an elegant, energy saving alternative to ordinary household incandescent light. EcoVantage lamps are fully dimmable and meet the requirement of EISA 2007 legislation.

* Complies with the Energy Independence and Security Act of 2007 (Public Law 110-140), Section 321—Efficient Light Bulbs.

† 75W - 40W = 35W / 75W = 47%. When compared to a 75-Watt standard incandescent A19 rated at 570 lumens, the 40-Watt EcoVantage A19 rated at 330 lumens provides 47% energy savings.

◊ 60W - 43W = 17W / 60W = 28%. When compared to a 60-Watt standard incandescent A19 rated at 630 lumens, the 43-Watt EcoVantage A19 rated at 630 lumens provides 28% energy savings.

Put people and merchandise in the best light

The Philips Halogen lamp family is perfect for retail lighting. Halogen lamps provide bright, white light and help save on energy and maintenance costs.

Philips Halogen Lamps are designed to provide visual appeal, highlight merchandise and save on energy costs.

Halogen Energy Advantage IR Plus Lamps provide increased energy saving when compared to standard incandescent lamps and last longer.

EcoVantage Lamps provide increased energy saving when compared to standard incandescent lamps and last longer.

ENERGY EFFICIENT LAMPS

UPGRADE TO ENERGY EFFICIENT LAMPS

<table>
<thead>
<tr>
<th>CURRENT PRODUCT</th>
<th>PHILIPS UPGRADE PRODUCT</th>
<th>BENEFIT</th>
<th>PAGE</th>
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<tr>
<td>60W PAR38 Halogen</td>
<td>Energy Advantage Halogen PAR38 IR Plus 39W</td>
<td>&gt; High quality light brings out colors and textures</td>
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<tr>
<td>75W R20 Incandescent</td>
<td>Halogená Energy Advantage R20 40W</td>
<td>&gt; High performance IR coating on a double-ended quartz burner</td>
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<tr>
<td>60W A19 Incandescent</td>
<td>EcoVantage Natural Light 43W</td>
<td>&gt; Increased uniform beam intensity without hot spots</td>
<td>102</td>
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<td>&gt; Save 35W and 47% energy saving†</td>
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<td>&gt; Provides light similar to natural daylight</td>
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<td>&gt; Saves 28% in energy costs when replacing a 60W incandescent†</td>
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</table>
# Halogen Lamps

**EcoVantage, Halogená Lamps**

<table>
<thead>
<tr>
<th>Watts</th>
<th>Bulb</th>
<th>Base</th>
<th>Product Number</th>
<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Pkg. Qty.</th>
<th>Description</th>
<th>Class, Filament (In.)</th>
<th>MOL (Lx)</th>
<th>Rated Avg. Life (Hrs.)/99%</th>
<th>Approx. MBQP*</th>
<th>Lumens</th>
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<td>29</td>
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<td>Med.</td>
<td>40983-9</td>
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<td>29A19/EV</td>
<td>120</td>
<td>12</td>
<td>White</td>
<td>C, CC-8</td>
<td>4%</td>
<td>1000</td>
<td>—</td>
<td>380</td>
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<td></td>
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<td>41050-6</td>
<td>$ \text{Halogená}$</td>
<td>29A19/EV/CL</td>
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**Halogená Energy Saver**

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<th>Symbols, Footnotes</th>
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<th>Volts</th>
<th>Pkg. Qty.</th>
<th>Description</th>
<th>Class, Filament (In.)</th>
<th>MOL (Lx)</th>
<th>Rated Avg. Life (Hrs.)/99%</th>
<th>Approx. MBQP*</th>
<th>Lumens</th>
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<tbody>
<tr>
<td>40</td>
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<td>Med.</td>
<td>20967-6</td>
<td>$ \text{Halogená}$</td>
<td>40T60/HES/WH</td>
<td>120</td>
<td>6</td>
<td>White</td>
<td>C, CC-8</td>
<td>4%</td>
<td>3000</td>
<td>—</td>
<td>800</td>
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<tr>
<td>R20</td>
<td>Med.</td>
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<td>$ \text{Halogená}$</td>
<td>40R20/HES/FL</td>
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<td>Flood</td>
<td>C, CC-8</td>
<td>3%</td>
<td>3000</td>
<td>—</td>
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<td>BR30</td>
<td>Med.</td>
<td>20972-6</td>
<td>$ \text{Halogená}$</td>
<td>40BR30/HES/FL</td>
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<td>5</td>
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<td>C, CC-8</td>
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<td>4</td>
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**Halogená Energy Advantage Pro Packs (102)**

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<th>Symbols, Footnotes</th>
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<th>Volts</th>
<th>Pkg. Qty.</th>
<th>Description</th>
<th>Class, Filament (In.)</th>
<th>MOL (Lx)</th>
<th>Rated Avg. Life (Hrs.)/99%</th>
<th>Approx. MBQP*</th>
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<td>C, CC-8</td>
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<td>3000</td>
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<td>1600</td>
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**Halogená Classic Blister-Carded (96)**

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<th>Base</th>
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<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Pkg. Qty.</th>
<th>Description</th>
<th>Class, Filament (In.)</th>
<th>MOL (Lx)</th>
<th>Rated Avg. Life (Hrs.)/99%</th>
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<td>24924-3</td>
<td>BC60BT15/HAL/CL</td>
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<td>10</td>
<td>Clear, Blister Card</td>
<td>C, CC-8</td>
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<td>3000</td>
<td>—</td>
<td>900</td>
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<td>24926-8</td>
<td>BC60BT15/HAL/W</td>
<td>120</td>
<td>10</td>
<td>White, Blister Card</td>
<td>C, CC-8</td>
<td>4%</td>
<td>3000</td>
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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
HALOGEN LAMPS
Halogená Classic, Halogená Decorative Lamps

<table>
<thead>
<tr>
<th>Watts</th>
<th>Bulb</th>
<th>Base</th>
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<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
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<th>Pkg. Qty.</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg. Life (Hrs.,h))</th>
<th>Approx. MBCP*</th>
<th>Lumens</th>
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**HALOGENÁ CLASSIC BLISTER-CARDED—REDUCED WATTAGE (96, 102)**

| 55    | BT/1S Med. | 21378-5 | $ (101) | BC55BT1-SHAL/CL | 120 | 10 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 825 |
|-------|-------------|---------|----------|-----------------|-----|----|-------------------|-------|----|-------|---|---|------|--------|
|       | 21280-1     | $       | 120      | 4 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 825 |
|       | 21379-3     | $ (101) | 120      | 10 | White, Blister Card | C, CC-8 | 4 | 3000 | — | 770 |
|       | 21381-9     | $       | 120      | 4 | White, Blister Card | C, CC-8 | 4 | 3000 | — | 770 |
|       | 21383-5 CP19 Med. | $       | 120 | 6 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 825 |
| 70    | BT/1S Med. | 21386-8 | $ (101) | BC70BT1-SHAL/W | 120 | 10 | White, Blister Card | C, CC-8 | 4 | 3000 | — | 1045 |
|       | 21387-6     | $       | 120      | 4 | White, Blister Card | C, CC-8 | 4 | 3000 | — | 1045 |

**HALOGENÁ DECORATIVE BLISTER-CARDED (96)**

| 25    | F10/½ Cand. | 14450-1 | BC25F10/½C/HAL/CL | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 300 |
|-------|-------------|---------|-----------------|-----|----|-------------------|-------|----|-------|---|---|------|--------|
|       | Med.        | 14453-5 | BC25F10/½H/CL/TP | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 300 |
|       | 36485-1 CP19 Med. | $       | 120 | 6 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 540 |
| 40    | F10/½ Cand. | 14451-9 | BC40F10/½C/HAL/CL | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 540 |
|       | Med.        | 14454-3 | BC40F10/½H/CL/TP | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 540 |
|       | 36411-7 CP19 Med. | $       | 120 | 6 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 900 |
| 60    | F10/½ Cand. | 14452-7 | BC60F10/½C/HAL/CL | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 900 |
|       | Med.        | 14455-0 | BC60F10/½H/CL/TP | 120 | 12 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 900 |
|       | 38551-8 FI5 Med. | $       | 120 | 4 | Clear, Blister Card | C, CC-8 | 4 | 3000 | — | 900 |

**HALOGENÁ DECORATIVES BOXED**

| 25    | F10/½ Med. | 22405-5 | 2SF10/½C/HEA/CL | 120 | 15 | Clear | C, CC-8 | 4 | 3000 | — | 300 |
|-------|------------|---------|------------------|-----|----|------|-------|----|-------|---|---|------|--------|
|       | 22400-6    | $       | 120 | 15 | Clear | C, CC-8 | 4 | 3000 | — | 300 |
|       | 22408-9    | $       | 120 | 15 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
|       | 22407-1    | $       | 120 | 15 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
| 40    | F10/½ Med. | 22408-9 | 4OF10/½C/HEA/CL | 120 | 15 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
|       | 40C25/CL/HAL | $     | 120 | 6 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
|       | 40C25/W/HAL | $     | 120 | 6 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
|       | 15024-3    | $       | 120 | 6 | Clear | C, CC-8 | 4 | 3000 | — | 540 |
|       | 15023-5    | $       | 120 | 6 | White | C, CC-8 | 4 | 3000 | — | 475 |
| 60    | G25 Med.   | 15026-8 | 6GC25/CL/HAL | 120 | 6 | Clear | C, CC-8 | 4 | 3000 | — | 990 |
|       | 15025-0    | $       | 120 | 6 | White | C, CC-8 | 4 | 3000 | — | 870 |

For the most current product information, go to the e-catalog on www.philips.com
Halogen symbols and footnotes located on page 116
## HALOGEN LAMPS

### Halogená Natural Light, Halogená Reflector Lamps

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<tr>
<th>Watts</th>
<th>Bulb</th>
<th>Base</th>
<th>Product Code</th>
<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Qty.</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg. Life (Hrs./Yr.)</th>
<th>Approx. MBCP*</th>
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### HALOGENÁ NATURAL LIGHT PLUS INDOOR FLOODLIGHT (97, 103, 104)

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<th>12</th>
<th>Flood</th>
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### HALOGENÁ INDOOR FLOODLIGHT, SPOTLIGHT (97, 103, 104)

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### HALOGENÁ LONG LIFE INDOOR FLOODLIGHT (97, 103, 104)

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### HALOGENÁ PAR16 LAMPS BLISTER-CARDED (82, 86)

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### HALOGENÁ LONG LIFE PAR20 LAMPS (82, 86)

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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
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<th>MOL (In.)</th>
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Halogen symbols and footnotes located on page 116.
## HALOGEN LAMPS

### PAR20, PAR30L, PAR30S Lamps

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<th>Pkg. Qty.</th>
<th>Description</th>
<th>Filament (In.)</th>
<th>MOL (In.)</th>
<th>Rated Avg. Life (Hrs.)</th>
<th>Approx. MBCP*</th>
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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
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HALOGEN ENERGY ADVANTAGE IR PLUS HALOGEN PAR30 SHORT LAMPS

For the most current product information, go to the e-catalog on www.philips.com

Halogen symbols and footnotes located on page 116
# HALOGEN LAMPS

## PAR36, PAR38 Lamps

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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com). Halogen symbols and footnotes located on page 116.
## HALOGEN ENERG Y ADVANTAGE IR PAR38 LA MPS FEAT URING HALOGEN INFRARED TECHNOLOGY AND DIOPTIC REFLECTOR (82, 86)

### LOWER WATTAGE ENERGY SAVING LAMPS

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### HALOGEN ENERG Y ADVANTAGE IR PLUS HALOGEN PAR38 LA MPS

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<th>Qty.</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL Avg. Life (Hrs.)</th>
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### HALOGEN ENERG Y ADVANTAGE IR PAR38 LA MPS 130V FEATURING HALOGEN INFRARED TECHNOLOGY AND DIOPTIC REFLECTOR (82, 86)

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<th>Qty.</th>
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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
HALOGEN LAMPS
Long Life IR PAR38, PAR38, MRC11 Lamps

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<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg Life (Hrs.)</th>
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HALOGEN PAR38 LAMPS, MEDIUM SIDE PRONG BASE (82, 86)

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HALOGEN PAR38 LAMPS, COOL BEAM REFLECTOR

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<th>MOL (In.)</th>
<th>Rated Avg Life (Hrs.)</th>
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HALOGEN MRC11 BLISTER-CARDED (92)

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<th>Symbols, Footnotes</th>
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<th>Pkg. Qty</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg Life (Hrs.)</th>
<th>Approx. MBCP* Lumens</th>
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</thead>
<tbody>
<tr>
<td>20</td>
<td>MRC11 GU4</td>
<td>20333-1</td>
<td>BC20MRC11/FL30 FTD</td>
<td>12</td>
<td>12</td>
<td>Blister Card, Flood 30˚ C</td>
<td>C, CC-8</td>
<td>1%</td>
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<td>230</td>
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HALOGEN MRC11 (FORMERLY BRILLIANTLINE PRO) (92)

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<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Pkg. Qty</th>
<th>Description</th>
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<th>MOL (In.)</th>
<th>Rated Avg Life (Hrs.)</th>
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<tr>
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HALOGEN MRC11 LANDSCAPE (92)

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<th>Pkg. Qty</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg Life (Hrs.)</th>
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<tr>
<td>10</td>
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<td>C, CC-8</td>
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<td>1%</td>
<td>2000</td>
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For the most current product information, go to the e-catalog on www.philips.com
Halogen symbols and footnotes located on page 116
### HALOGEN MRC16 DISPLAY LAMPS BLISTER-CARDED (FORMERLY ACCENTLINE) DICHLORIC REFLECTOR WITH LENS (92)

<table>
<thead>
<tr>
<th>Watts</th>
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<th>Product Number</th>
<th>Volts</th>
<th>Pkg. Qty.</th>
<th>Description</th>
<th>Filament (In.)</th>
<th>MOL Avg. Life Approx. MBBP³</th>
<th>Lumens</th>
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<tbody>
<tr>
<td>20</td>
<td>MRC16 GU5.3</td>
<td>15527-5</td>
<td>12</td>
<td>18</td>
<td>Bitter Card, Spot 10° C, C-8</td>
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<tr>
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### HALOGEN MRC16 DISPLAY LAMPS BLISTER-CARDED REFLCTOR WITH LENS (92)

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<th>Description</th>
<th>Filament (In.)</th>
<th>MOL Avg. Life Approx. MBBP³</th>
<th>Lumens</th>
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<tbody>
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<td>18</td>
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<tr>
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<td>18</td>
<td>Bitter Card, Flood 36° C, C-8</td>
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<td>Bitter Card, Flood 36° C, C-8</td>
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### HALOGEN MRC16 LANDSCAPE LAMPS BLISTER-CARDED (FORMERLY ACCENTLINE) DICHLORIC REFLECTOR WITH LENS (92)

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<th>Pkg. Qty.</th>
<th>Description</th>
<th>Filament (In.)</th>
<th>MOL Avg. Life Approx. MBBP³</th>
<th>Lumens</th>
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<tbody>
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### HALOGEN MR (FORMERLY ACCENTLINE) (91)

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<td>37803-4</td>
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<td>50</td>
<td>Flood 36° C, C-8</td>
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### HALOGEN MR LONG LIFE (FORMERLY BRILLIANTLINE PRO AND CONTINUUM COLOR) (91, 92)

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<th>Filament (In.)</th>
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For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com). Halogen symbols and footnotes located on page 116.
# Halogen Lamps

**MRC16, ALR, ALUline Pro 111, Twistline GU10 Lamps**

<table>
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<th>Watts</th>
<th>Bulb</th>
<th>Base</th>
<th>Product Number</th>
<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Qty.</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In)</th>
<th>Rated Avg Life (Hrs)</th>
<th>Approx. MBCP</th>
<th>Lumens</th>
</tr>
</thead>
</table>

**Halogen MR Energy Advantage IR (formerly Masterline ES IRC) (92)**

| 20 | MRC16  | GU5.3 | 20258-0       | $              | 20MRC16/IRC/ALLUSP8 | 12  | 20  | Spot 8'   | C, C-8 | 1/6  | 5000  | 6000 | 320 |
| 30 | MRC16  | GU5.3 | 20259-8       | $              | 20MRC16/IRC/ALLULF36 | 12  | 20  | Flood 36' | C, C-8 | 1/6  | 5000  | 925  | 325 |
| 35 | MRC16  | GU5.3 | 20260-6       | $              | 30MRC16/IRC/ALLUSP8 | 12  | 20  | Spot 8'   | C, C-8 | 1/6  | 5000  | 10,000 | 560 |
|     |        |       | 20261-4       |                 | 30MRC16/IRC/ALLULFL24 | 12  | 20  | Narrow Flood 24' | C, C-8 | 1/6  | 5000  | 3000 | 570 |
|     |        |       | 20262-2       |                 | 30MRC16/IRC/ALLULF36 | 12  | 20  | Flood 36' | C, C-8 | 1/6  | 5000  | 1500 | 580 |
| 45 | MRC16  | GU5.3 | 20263-0       | $              | 35MRC16/IRC/ALLUSP8 | 12  | 20  | Spot 8'   | C, C-8 | 1/6  | 5000  | 13,500 | 770 |
|     |        |       | 20264-0       |                 | 35MRC16/IRC/ALLULF36 | 12  | 20  | Flood 36' | C, C-8 | 1/6  | 5000  | 12,500 | 720 |
|     |        |       | 20265-2       |                 | 35MRC16/IRC/ALLULFL24 | 12  | 20  | Narrow Flood 24' | C, C-8 | 1/6  | 5000  | 4400 | 780 |
|     |        |       | 20266-9       |                 | 35MRC16/IRC/ALLULF36 | 12  | 20  | Flood 36' | C, C-8 | 1/6  | 5000  | 2000 | 740 |
|     |        |       | 20267-9       |                 | 35MRC16/IRC/ALLULWFL60 | 12  | 20  | Wide Flood 60' | C, C-8 | 1/6  | 5000  | 975  | 750 |

**Closed Aluminum Reflector (ALR) Lamps Aluminum Reflector with Lens (92)**

| 20 | 37mm BA15d | 32840-1 | 20ALR1/2NSP6-G&B Clear | 12  | 50  | Clear, Narrow Spot 6' | C, C-8 | 1/6  | 2000  | 7000 | 250 |
|    |            | 34002-6 | 20ALR1/2SP18-G&B Frost | 12  | 50  | Frost, Spot 18' | C, C-8 | 1/6  | 2000  | 1500 | 250 |
|    |            | 34003-4 | 20ALR1/2FL22-G&B Frost | 12  | 50  | Frost, Flood 32' | C, C-8 | 1/6  | 2000  | 750  | 250 |
| 50 | 56mm B15d  | 32286-0 | 50ALR1/SP10-G&B Clear | 12  | 50  | Clear, Spot 10' | C, C-8 | 2/4  | 2000  | 13,000 | 820 |

**ALUline Pro 111**

| 50 | ALU G53 Pro I 111 | 13396-6 | ALU111MM-50W G53 12V ID | 12  | 6   | Spot 8' | C, C-8 | 2/6  | 3000  | 23,000 | 950 |
|    |                   | 13397-4 | ALU111MM-50W G53 12V ID | 12  | 6   | Flood 24' | C, C-8 | 2/6  | 3000  | 4000  | 950 |
| 75 | ALU G53 Pro I 111 | 13398-2 | ALU111MM-75W G53 12V ID | 12  | 6   | Spot 8' | C, C-8 | 2/6  | 3000  | 30,000 | 1575 |

**Halogen MRC16 GU7 Base (92)**

| 35 | MRC16 GU7 | 14851-0 | 35MRC16/SP10/GU7 | 12  | 20  | Spot 10' | C, C-8 | 2    | 4000  | 8000  | 500 |

**Twistline GU10 Blister-Carved (98)**

| 35 | Twistline GU10 | 20335-6 | BC35TWISTLINE GU10/FL25 | 12  | 6   | Bister Card, Rood 25' | C, C-6 | 2    | 2000  | 480  | 265 |
| 50 | Twistline GU10 | 14112-7 | BC50GU10/HAL/TL | 12  | 6   | Bister Card, Rood 25' | C, C-6 | 2    | 2000  | 700  | 430 |
|     |               | 20576-5 | BC50TWISTLINE GU10/NTL/FL | 12  | 6   | Bister Card, Rood 25' | C, C-6 | 2    | 2000  | 1200 | — |

For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
## HALOGEN LAMPS

### Single-Ended Linear, Double-Ended Linear, Capsule Lamps

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<thead>
<tr>
<th>Watts</th>
<th>Bulb Base</th>
<th>Product Number</th>
<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Qty.</th>
<th>Description</th>
<th>Class, Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg. Life (Hrs.)</th>
<th>Approx. MBCP*</th>
<th>Lumens</th>
</tr>
</thead>
<tbody>
<tr>
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<td>T4</td>
<td>20347-1</td>
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<td>BC50Q/CL</td>
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<td>C, CC-8</td>
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| **HALOGEN SINGLE-ENDED LINEAR LAMPS (95)** |
| 100   | T4        | 44278-0        |                   | 100Q/CL/DC ESR | 120   | 12   | Clear       | C, CC-8         | 2½       | 1000                   | —          | 1600   |
| 150   | T4        | 29856-2        |                   | 150Q ETH      | 120   | 12   | Frost       | C, CC-8         | 3         | 1000                   | —          | 2700   |
|       | T4        | 20049-3        |                   | 150Q/CL       | 130   | 12   | Clear       | C, CC-8         | 3         | 1000                   | —          | 2800   |
|       | T4        | 26676-7        |                   | 150Q/CL/DC ETC| 120   | 12   | Clear       | C, CC-8         | 2½       | 1000                   | —          | 2800   |
| 250   | T4        | 14668-8        |                   | 250Q/CL EHT   | 120   | 12   | Clear       | C, CC-8         | 3½       | 1000                   | —          | 5000   |
|       | T4        | 14668-7        |                   | 250Q/CL       | 130   | 12   | Clear       | C, CC-8         | 3½       | 1000                   | —          | 5000   |
|       | T4        | 29850-5        |                   | 150Q/CL ETF   | 120   | 12   | Frost       | C, CC-8         | 2½       | 1000                   | —          | 2700   |
|       | T4        | 14669-6        |                   | 250Q/CL/DC    | 130   | 12   | Clear       | C, CC-8         | 3         | 1000                   | —          | 5000   |
| 500   | T4        | 38079-0        |                   | 500Q/CL EVR   | 120   | 12   | Clear       | C, C-8          | 3½       | 2000                   | —          | 10,000 |
| 750   | T5        | 26972-0        |                   | 750Q/CL EHG   | 120   | 24   | Clear       | C, CC-8         | 4½       | 2000                   | —          | 15,000 |

| **HALOGEN DOUBLE-ENDED LINEAR LAMP BLISTER-CARDED (99)** |
| 100   | T3        | 20352-1        |                   | BC100T3Q/CL   | 120   | 12   | Blister Card | C, C-8          | 3½       | 2000                   | —          | 1400   |
| 150   | T3        | 20353-9        |                   | BC150T3Q/CL   | 120   | 12   | Blister Card | C, C-8          | 3½       | 2000                   | —          | 2400   |
|       | T3        | 20343-0        |                   | BC150T3Q/CL LONG | 120 | 12 | Blister Card | C, C-8          | 4½       | 1500                   | —          | 2400   |
| 250   | T3        | 20360-4        |                   | BC250T3Q/CL   | 120   | 12   | Blister Card | C, C-8          | 3½       | 1500                   | —          | 4000   |
| 300   | T3        | 20355-4        |                   | BC300T3Q/CL   | 120   | 12   | Blister Card | C, C-8          | 4½       | 2000                   | —          | 5200   |
|       | T3        | 20336-4        |                   | BC300T3Q/CL/TP | 120 | 12 | Blister Card | C, C-8          | 4½       | 2000                   | —          | 5200   |
| 500   | T3        | 20356-2        |                   | BC500T3Q/CL   | 120   | 12   | Blister Card | C, C-8          | 4½       | 2000                   | —          | 9500   |
|       | T3        | 20341-4        |                   | BC500T3Q/CL/TP | 120 | 12 | Blister Card | C, C-8          | 4½       | 2000                   | —          | 9500   |

| **HALOGEN DOUBLE-ENDED LINEAR LAMP (99)** |
| 300   | T3        | 39282-9        |                   | 300T3Q/CL EHM | 120   | 12   | Clear       | C, C-8          | 4½       | 2000                   | —          | 5200   |
| 500   | T3        | 13223-3        |                   | 500T3Q/CL    | 125-130 | 12 | Clear       | C, C-8          | 4½       | 2000                   | —          | 9200   |
|       | T3        | 20010-5        |                   | 500T3Q/CL FCL | 120   | 12   | Clear       | C, C-8          | 4½       | 2000                   | —          | 9500   |
| 1000  | T3        | 15040-9        |                   | 1000T3Q/CL   | 240   | 12   | Clear       | C, C-8          | 10½      | 21,500                 | —          | 21,500 |
| 1500  | T3        | 15039-1        |                   | 1500T3Q/CL   | 277   | 12   | Clear       | C, C-8          | 10½      | 33,000                 | —          | 33,000 |
|       | T3        | 13226-6        |                   | 1500T3Q/CL   | 240   | 12   | Clear       | C, C-8          | 10½      | 32,250                 | —          | 32,250 |

| **HALOGEN MAINS-VOLTAGE CAPSULE LAMP BLISTER-CARDED (95)** |
| 35    | T4        | 20345-5        |                   | BC35W/120V/CAPSULE | 120 | 12 | Blister Card | C, CC-2V     | 1½       | 2500                   | —          | 400    |
| 50    | T4        | 20348-9        |                   | BC50W/120V/CAPSULE | 120 | 12 | Blister Card | C, C-8       | 2½       | 2500                   | —          | 600    |
| 75    | T4        | 20349-7        |                   | BC75W/120V/CAPSULE | 120 | 12 | Blister Card | C, C-8       | 2½       | 2500                   | —          | 1200   |
| 100   | T4        | 20346-3        |                   | BC100W/120V/CAPSULE | 120 | 12 | Blister Card | C, C-8       | 2½       | 2500                   | —          | 1650   |

For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com).

Halogen symbols and footnotes located on page 116.
HALOGEN LAMPS
Low-Voltage Capsule Lamps

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<th>Watts</th>
<th>Bulb Base</th>
<th>Product Number</th>
<th>Symbols, Footnotes</th>
<th>Ordering Code</th>
<th>Volts</th>
<th>Qty</th>
<th>Description</th>
<th>Class Filament</th>
<th>MOL (In.)</th>
<th>Rated Avg. Life (Hrs.)</th>
<th>Approx. MBCP*</th>
<th>Lumens</th>
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HALOGEN LOW-VOLTAGE LANDSCAPE CAPSULE LAMP BLISTER-CARDED (95)

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HALOGEN LOW-VOLTAGE CAPSULE LAMP

All Lamps Contain UV Block and are Low Pressure (95)

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For the most current product information, go to the e-catalog on www.philips.com
Halogen symbols and footnotes located on page 116
Filament Designations consist of a letter or letters to indicate how the wire is coiled and an arbitrary number sometimes followed by a letter to indicate the arrangement of the filament on the supports. Prefix letters include C (coil) — wire is wound into a helical coil or it may be deeply fluted; CC (coiled coil) — wire is wound into a helical coil and this coiled wire again wound into a helical coil. Some of the more commonly used types of filament arrangements are illustrated.

Base Types (Not Actual Sizes)

The size and shape of a bulb is designated by a letter or letters followed by a number. The letter indicates the shape of the bulb while the number indicates the diameter of the bulb in eighths of an inch. For example, “T10” indicates a tubular shaped bulb having a diameter of 10⁄8 or 1 1⁄4 inches. The following illustrations show some of the more popular bulb shapes and sizes.
HALOGEN LAMPS

For the most current product information, go to the e-catalog on www.philips.com

○ Exclusive to Philips Lighting Company
$ Energy Saving Product
♦ Maximum Beam Candepower
‡ This Bulb Meets US Federal Minimum Efficiency Standards
† New since last printing
* Two Lamp Carded Pack
‡ Quantity shown is minimum shipping container—refer to Net Price Schedule for number of lamps to qualify as a standard case

(83) CAUTION: To avoid deterioration of lamp holder by heat, use only heat resistant lamp holders or fixtures listed by a nationally recognized electrical testing organization for use with reflector or PAR lamps.

(86) PAR Halogen Caution: Notice: Before using bulb, see operating instruction on inside flap. Adherence to the operating instructions will reduce the risk of personal injury or fire. The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire.

Operating Instructions: Before replacing, turn off power and let lamp cool to avoid electrical shock or burn.
— For indoor or outdoor use. A weather-protected fixture is recommended for wet locations.
— Suitable for use in open fixtures.
— Do not exceed the maximum wattage rating of the fixture.
— Do not use if outer glass is scratched or broken since it may break during operation or removal.
— If outer glass breaks the lamp may continue to light, however, immediately discontinue use.
— Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading.
— Manage in accord with disposal laws.

(91) CAUTION: Do not touch inner capsule with bare hands. Fingerprints may result in shorter life. Remove fingerprints with alcohol. THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, use only in fixtures that provide a protective shield of tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

(93) CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, this lamp should be used in a fixture that provides a protective shield of tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

Rated average life is the length of operation (in hours) at which point an average of 50% of the lamps will still be operational and 50% will not.

(95) NOTICE: Do not touch bulb with bare hands. Fingerprints may result in shorter life. Remove fingerprints with alcohol.

CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, use only in fixtures that provide a protective shield of tempered glass. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C and use only in fixtures rated for the wattage stated on this package. To avoid risks of burns or other injury, turn power off and allow lamp to fully cool before attempting to replace. Socket condition may affect lamp life. Inspect and replace socket if deterioration has occurred.

(96) Operating Instructions: Do not use lamp in close proximity to combustible materials. If used outdoors, use in an enclosed fixture only. If used indoors, no additional shield is required. Can be operated in all positions.

CAUTION: Read operating instructions before use. If outer glass breaks, turn power off immediately and avoid touching any metal components. To avoid potential burn and electrical shock during lamp replacement, always turn power off and let lamp cool before replacing bulb.

(97) Operating Instructions: Before replacing, turn off power and let lamp cool to avoid electrical shock or burn. For indoor use only. Do not allow hot bulb to come in contact with liquid or metal parts of the fixture as glass may shatter. Do not exceed the maximum wattage rating of the fixture. Do not use if outer glass is scratched or broken since it may break during operation or removal. If outer glass breaks the lamp may continue to light, however, immediately discontinue use. Due to the heat that radiates from the bulb, do not use in close proximity to combustible materials or objects susceptible to drying or fading. Manage in accord with disposal laws.

CAUTION: Adherence to the operating instructions will reduce the risk of personal injury or fire. The filament capsule contained inside this glass bulb is pressurized, operates at high temperature and could unexpectedly shatter. Should the outer bulb break, particles of extremely hot glass could be discharged into the fixture and/or the surrounding environment, thereby creating a risk of personal injury or fire.

(98) NOTICE: This twistline has a GU10 base and may be used in fixtures that have either GU10 or GZ10 sockets.

Operating Instructions: Do not use in close proximity to combustible materials or objects adversely affected by drying or fading. Can be operated in all positions.

CAUTION: THIS LAMP IS PRESSURIZED AND COULD SHATTER so to avoid injury and to avoid exposure to ultraviolet radiation, this lamp should be used in a fixture that provides a protective shield of tempered glass. If outer glass breaks, immediately discontinue use. Always turn power off and let lamp cool before removal to avoid potential burn or electric shock.

(99) WARNING: BULB OPERATES AT VERY HIGH TEMPERATURES AND MUST BE USED PROPERLY TO AVOID/REDUCE RISK OF FIRE. Do not use bulbs greater than 300 watts in indoor residential fixtures. Use only in fixtures specifying this bulb type and that meet revised UL 153 standard for tungsten-halogen torchiere lamps. Bulb is pressurized and could shatter and should only be used in fixtures that provide a protective shield of tempered glass. To avoid exposure to ultraviolet radiation which could cause skin and eye irritation use only in fixtures that provide a protective shield of tempered glass.

NOTICE: Do not touch bulbs with bare hands. Fingerprints may result in reduced performance unless they are removed with alcohol. When operating, bulb is hot. To avoid risks of burns or injury, turn power off and allow bulb to cool before replacing. Socket conditions may affect bulb life. Inspect and replace socket if deterioration has occurred. Provide adequate ventilation to ensure that seal temperature does not exceed 350°C. TO AVOID/REDUCE RISK OF FIRE, DO NOT USE NEAR COMBUSTIBLE MATERIALS.

(101) Available for sale only in the state of CA

