



PHILIPS

Halogen

Energy Advantage
Lamps Brochure

**Visual appeal
with energy
savings**



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The optimal accent light

Philips is driving the switch to energy-efficient solutions, and shaping the future with exciting new lighting applications and technologies.

More than that, we care about your success. Getting it right means relying on a leader in quality product design with a solid track record.

The possibilities of halogen lighting

Visually, Philips Energy Advantage halogen lamps provide bright, crisp light that is perfect for retail and hospitality applications. Since they deliver more lumens per watt, have perfect color rendering, consume less energy and last longer than standard halogen lamps, they are the ideal, cost efficient choice for most applications.

Appearance and efficiency

Retailers can enjoy the depth and texture of their merchandise that halogen light provides with low initial cost.

Appearance and efficiency

Designed for superb color consistency, beam uniformity and color rendering, Halogen Energy Advantage IR products are ideal for highlight, accent and general application lighting. All halogen lamps are fully dimmable to create the desired atmosphere. Choose the right halogen product that meets your application needs.

- Retail displays
- Lobby and meeting room
- Museums and archives

Lighting legislation explained

New lighting regulations were enacted between 2012 and 2014 affecting many general service incandescent, reflector, and fluorescent lamps. Go to www.philips.com/legislation for more information and a full list of affected products, replacement and upgrade options.

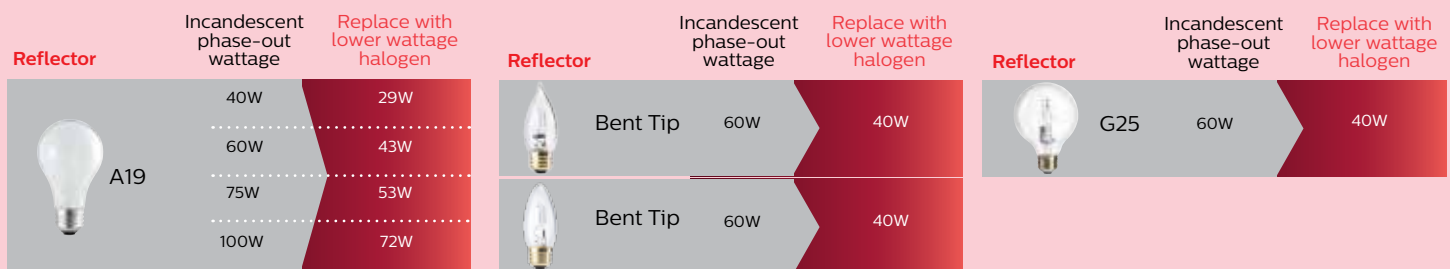
Understanding EISA Section 321

General Service Incandescent Lamps

- The Energy Independence and Security Act of 2007 (EISA) is an omnibus energy policy law that contains provisions designed to increase energy efficiency and the availability of renewable energy.¹
- Section 321 of EISA sets maximum wattages and minimum rated average lifetimes for general service incandescent lamps in four popular lumen ranges. Depending on the type of lamp, these standards are phased in from January 1, 2012 through January 1, 2014.²
- Lamps covered by these new efficiency requirements include lamps that:
 - Are intended for general service applications (i.e. A-shape)
 - Have a medium screw base
 - Have a lumen range of 310–2600 lumens and are capable of operating at least partially in the range of 110–130 volts.
- Section 321 of EISA also establishes maximum wattages for some popular candles. All intermediate base lamps including A, B, F, and BA shapes using 40 watts or less are exempt from EISA. All candelabra base lamps including B, F and BA shapes using 60 watts or less are exempt from EISA. These rules both took effect in January 2012.

Lumen range	Maximum wattage	Minimum rated avg. lifetime	Effective Date
1490–2600	72W	1000 Hours	Jan 1, 2012
1050–1489	53W	1000 Hours	Jan 1, 2013
750–1049	43W	1000 Hours	Jan 1, 2014
310–749	29W	1000 Hours	Jan 1, 2014

Philips is here to help... We have created energy efficient replacement lamps that comply with the new EISA legislation standards...



1) U.S. Congressional Research Service. Energy Independence and Security Act of 2007: A Summary of Major Provisions (RL34294; Dec. 7, 2007), p.2, by Fred Sissine. Text at: http://energy.senate.gov/public/_files/RL342941.pdf; Accessed: July 22, 2011.

2) CA Title 24 regulations mandate implementation of EISA efficiency requirements 1 year earlier.

3) "Energy Conservation Program: Energy Conservation Standards and Test Procedures For GSFL and IRL; Final Rule" 74 Federal Register 34080, 34082 (14 July 2009).

DOE rulemaking and efficiency standards for IRL

Rulemaking and efficiency standards for Incandescent Reflector Lamps (IRL)

- The Energy Independence and Security Act of 2007 directed the Department of Energy (DOE) to undertake new energy conservation standards for Incandescent Reflector Lamps (IRL) among other lamps.
- EISA Section 322 expanded the shapes, diameters and wattages of incandescent reflector lamps for which the DOE can set energy conservation standards. Improved performance levels for incandescent reflector lamps were enacted on July 14, 2012 requiring all manufacturers to meet the IRL Efficacy Standards outlined below.

Lamps covered by these efficiency standards include:

R, PAR, ER, BR, BPAR and similar bulb shapes with:

- Medium screw bases
- Rated voltage that lies at least partially within 115–130V
- A diameter of >2.25 inches
- Rated wattage of 40W–205W

Lamps that are exempt from EISA Sections 321 and 322 include:

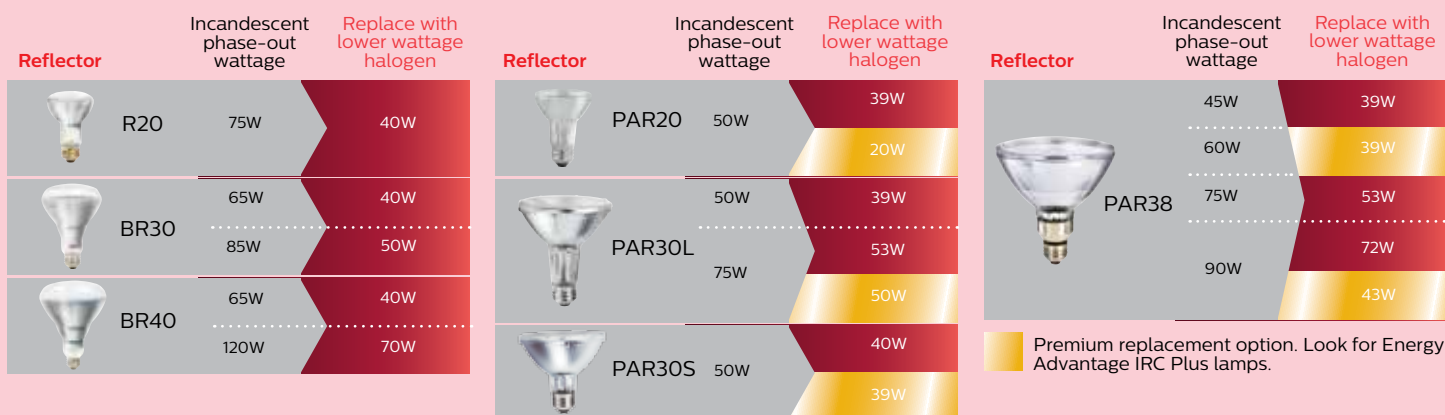
- Rough service or vibration lamps
- Colored PAR lamps
- R20 shaped lamps rated at ≤45W
- BR30, ER30, and ER40 shaped lamps rated at ≤50W
- BR30, BR40, and ER40 shaped lamps rated at 65W

IRL Efficacy Standards

Lamp IRL wattage	Lamp type	Diameter	Voltage	Required efficacy (LPW)
40W–205W	Standard Spectrum	>2.5 inches	≥125	$6.8 \times P^{0.27}$
			<125	$5.9 \times P^{0.27}$
		<2.5 inches	≥125	$5.7 \times P^{0.27}$
			<125	$5.0 \times P^{0.27}$

Note 1: P is equal to the rated wattage of each lamp.
 Note 2: Modified spectrum lamps have lower efficacy standards.
 Note 3: This table is taken from DOE Rulemaking.

How to read the table: The equation on the right determines the minimum Lumens per Watt requirement for IRL lamps to meet DOE's new energy conservation standards.³





Low-voltage MR16 halogen reflector lamps

Philips Energy Advantage IR MR16 Lamps optimize the look and feel of your merchandise, and the shopper experience, with lower maintenance costs.



Features

- High efficacy, up to 24 LPW
- Aluminum coated reflector
- Minimal UV/IR light in the beam
- Consistent, uniform beam pattern
- Fully dimmable and instant-on
- 5000 hour rated average life¹

Benefits

- Beautifully showcases merchandise
- No back light
- Vibrant colors and textures you can feel with your eyes
- Lower maintenance cost through fewer re-lamps

Applications

- Accent lighting
- Track and showcase lighting
- Suitable for indoor or outdoor locations

¹ 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.



Philips Energy Advantage IR MR16 Lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Beam Angle	Rated Avg. Life (Hours)	Lumens	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (in.)
MR16												
20259-8	20MRC16/IRC/ALU/FL36	20	MRC16 IR	GU5.3	120V	36°	5,000	325	925	100	3100	1.9
20261-4	30MRC16/IRC/ALU/NFL24	30	MRC16 IR	GU5.3	120V	24°	5,000	570	3,000	100	3100	1.9
20262-2	30MRC16/IRC/ALU/FL36	30	MRC16 IR	GU5.3	120V	36°	5,000	580	1,500	100	3100	1.9
20263-0	35MRC16/IRC/ALU/SP8	35	MRC16 IR	GU5.3	120V	8°	5,000	720	12,500	100	3100	1.9
20267-1	35MRC16/IRC/ALU/NFL24	35	MRC16 IR	GU5.3	120V	24°	5,000	730	4,000	100	3100	1.9
20268-9	35MRC16/IRC/ALU/FL36	35	MRC16 IR	GU5.3	120V	36°	5,000	740	2,000	100	3000	1.9
20272-1	45MRC16/IRC/NFL24	45	MRC16 IR	GU5.3	120V	24°	5,000	1,040	5,400	100	3100	1.9
20273-9	45MRC16/IRC/FL36	45	MRC16 IR	GU5.3	120V	36°	5,000	1,050	2,600	100	3100	1.9

1. 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.

2. Maximum Beam Candle Power.

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
MR16												
20259-8	20259-0	20259-5	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20261-4	20261-3	20261-8	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20262-2	20262-0	20262-5	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20263-0	20263-7	20263-2	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20267-1	20267-5	20267-0	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20268-9	20268-2	20268-7	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20272-1	20272-9	20272-4	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9
20273-9	20273-6	20273-1	20	1.8	0.12	5,520	1	920	6	1.8 x 1.8 x 2.2	4.2 x 9.4 x 5.2	39.4 x 47.2 x 36.9



PAR20 halogen reflectors for optimized accent light

Philips standard and IRC PAR20 lamps provide crisp, clear lighting effects with excellent color rendering.



Features

- Excellent light quality—features Philips designed optics for optimal accent light
- Flicker-free, smooth dimming curve maintains consistent light levels to achieve any ambiance
- Instant-on

Benefits

- Beautifully showcases merchandise
- Vibrant colors and textures you can feel with your eyes
- Lower maintenance cost through fewer re-lamps

Applications

- Accent and general lighting
- Fits track and recessed lighting luminaires



Philips Halogen PAR20 Lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Beam Angle	Rated Avg. Life ¹ (Hours)	Lumens	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (in.)
PAR20												
42512-4	39PAR20/EVP/SP10 120V 15/1	39	PAR20	E26	120V	10°	1,100	500	3,840	100	2900	3.4
42520-7	39PAR20/EVP/FL25 120V 15/1	39	PAR20	E26	120V	25°	1,100	480	870	100	2900	3.4
45377-9	39PAR20/IRC+/SP10 120V 15/1	39	PAR20 IRC	E26	120V	10°	4,400	500	5,000	100	2600	3.4
45378-7	39PAR20/IRC+/FL30 120V 15/1	39	PAR20 IRC	E26	120V	25°	4,400	500	1,090	100	2600	3.4

1. 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.

2. Maximum Beam Candle Power.



Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
PAR20												
42512-4	42512-8	42512-3	15	4.0	0.27	2,970	1	270	11	2.4 x 2.4 x 3.5	8.0 x 12.9 x 4.5	41.3 x 48.0 x 46.8
42520-7	42520-3	42520-8	15	4.0	0.27	2,970	1	270	11	2.4 x 2.4 x 3.5	8.0 x 12.9 x 4.5	41.3 x 48.0 x 46.8
45377-9	45377-0	45377-5	15	4.1	0.25	2,970	1	270	11	2.4 x 2.4 x 3.5	7.8 x 12.8 x 4.3	40.0 x 48.0 x 47.7
45378-7	45378-7	45378-2	15	4.2	0.27	2,970	1	270	11	2.4 x 2.4 x 3.5	8.0 x 12.9 x 4.5	41.3 x 4.08 x 46.8



High efficacy, dimmable PAR30S halogen reflectors

Philips Energy Advantage PAR30S (short neck)
Lamps can make your merchandise sparkle, with low
maintenance costs.

Features

- Fully dimmable and instant-on
- Minimal UV/IR light in the beam
- Consistent, uniform beam pattern
- Contains no mercury
- Available in a variety of beam angles
- 4400 hour rated average life¹ for IRC+ lamps

Benefits

- Beautifully showcases merchandise
- Vibrant colors and textures you can feel with your eyes
- Lower maintenance cost through fewer re-lamps

Applications

- Accent lighting
- Fits track and recessed lighting luminaires
- Suitable for indoor or outdoor locations

¹ 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.





Philips Halogen PAR30S Lamps

Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Beam Angle	Rated Avg. Life ¹ (Hours)	Lumens	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (in.)
PAR30S (Short)												
42896-0	39PAR30S/EVP/FL25 120V	39	PAR30S	E26	120V	25°	1,100	500	2,000	100	2900	3.6
42890-4	53PAR30S/EVP/FL25 120V	53	PAR30S	E26	120V	25°	1,100	920	3,500	100	2860	3.6
42898-6	53PAR30S/EVP/WFL40 120V	53	PAR30S	E26	120V	25°	1,100	920	1,400	100	2860	3.6
PAR30S (Short) IRC												
23853-5	39PAR30S/IRC+/SP10 120V	39	PAR30S IRC	E26	120V	10°	4,400	650	11,000	100	2800	3.6
23854-3	39PAR30S/IRC+/FL25 120V	39	PAR30S IRC	E26	120V	25°	4,400	650	2,200	100	2800	3.6
14497-1	40PAR30S/IRC+/FL25 120V	40	PAR30S IRC	E26	120V	25°	4,400	685	2,420	100	2740	3.6
14499-7	50PAR30S/IRC+/SP10 120V	50	PAR30S IRC	E26	120V	10°	4,400	950	12,000	100	2740	3.6
14500-3	50PAR30S/IRC+/FL25 120V	50	PAR30S IRC	E26	120V	25°	4,400	950	3,850	100	2740	3.6
14501-1	50PAR30S/IRC+/WFL40 120V	50	PAR30S IRC	E26	120V	40°	4,400	950	1,420	100	2740	3.6
23855-0	55PAR30S/IRC+/SP10 120V	55	PAR30S IRC	E26	120V	10°	4,400	1,050	13,000	100	2760	3.6
23856-8	55PAR30S/IRC+/FL25 120V	55	PAR30S IRC	E26	120V	25°	4,400	1,050	3,300	100	2760	3.6
23857-6	55PAR30S/IRC+/WFL40 120V	55	PAR30S IRC	E26	120V	40°	4,400	1,050	1,500	100	2760	3.6

1. 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.

2. Maximum Beam Candle Power.



Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
PAR30S (Short)												
42896-0	42896-9	42896-4	15	7.9	0.54	1,485	1	135	11	3.3 x 3.3 x 4.0	10.7 x 17.5 x 4.9	39.3 x 46.2 x 52.0
42890-4	42890-7	42890-2	15	7.9	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 52.0
42898-6	42898-3	42898-8	15	7.9	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 52.0
PAR30S (Short) IRC												
23853-5	23853-7	23853-2	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6
23854-3	23854-4	23854-9	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6
14497--1	14497-5	14497-0	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.7
14499-7	14499-9	14499-4	15	8.0	0.52	1,350	1	135	10	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 47.0
14500-3	14500-2	14500-7	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6
14501-1	14501-9	14501-4	15	8.0	0.52	1,350	1	135	10	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 47.0
23855-0	23855-1	23855-6	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6
23856-8	23856-8	23856-3	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6
23857-6	23857-5	23857-0	15	8.0	0.52	1,485	1	135	11	3.4 x 3.4 x 4.0	10.8 x 17.7 x 4.7	39.3 x 46.2 x 51.6



High efficacy, dimmable PAR30L halogen reflectors

Philips Energy Advantage IR
PAR30L (long neck) Lamps create
an enjoyable shopper experience
with low maintenance costs.

Features

- Fully dimmable and instant-on
- Minimal UV/IR light in the beam
- Consistent, uniform beam pattern
- Contains no mercury
- Available in a variety of beam angles
- 4400 hour rated average life¹ for IRC+ lamps

Benefits

- Beautifully showcases merchandise
- Vibrant colors and textures you can feel with your eyes
- Lower maintenance cost through fewer re-lamps

Applications

- General and accent lighting
- Fits track and recessed lighting luminaires
- Suitable for indoor or outdoor locations

¹ 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.





Philips Halogen PAR30L Lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Beam Angle	Rated Avg. Life ¹ (Hours)	Lumens	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (in.)
PAR30L (Long)												
42887-0	39PAR30L/EVP/FL25 120V	39	PAR30L	E26	120V	25°	1,100	500	2,000	100	2900	4.5
42892-0	53PAR30L/EVP/FL25 120V	53	PAR30L	E26	120V	25°	1,100	920	3,500	100	2860	4.5
42895-2	53PAR30L/EVP/WFL40 120V	53	PAR30L	E26	120V	40°	1,100	920	1,400	100	2860	4.5
PAR30L (Long) IRC												
23429-4	50PAR30L/IRC+/FL25 120V	50	PAR30L IRC	E26	120V	25°	4,400	900	3,500	100	2750	4.5
23799-0	50PAR30L/IRC+/SP10 120V	50	PAR30L IRC	E26	120V	10°	4,400	900	12,000	100	2750	4.5
23800-6	50PAR30L/IRC+/WFL40 120V	50	PAR30L IRC	E26	120V	40°	4,400	900	1,600	100	2750	4.5

1. 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.

2. Maximum Beam Candle Power.



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 PAR30L Lamps

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
PAR30L (Long)												
x42887-0	42887-7	42887-2	15	9.1	0.67	1,215	1	135	9	3.5 x 3.5 x 4.7	11.2 x 18.3 x 5.7	40.2 x 47.2 x 49.8
42892-0	42892-1	42892-6	15	9.1	0.67	1,215	1	135	9	3.5 x 3.5 x 4.8	11.2 x 18.3 x 5.7	40.0 x 47.1 x 49.8
42895-2	42895-2	42895-7	15	8.0	0.63	1,215	1	135	9	3.5 x 3.5 x 5.3	11.0 x 18.1 x 5.5	40.0 x 47.1 x 49.8
PAR30L (Long) IRC												
23429-4	23429-4	23429-9	15	8.2	0.69	1,215	1	135	9	3.5 x 3.5 x 4.8	11.0 x 18 x 6.0	39.9 x 47.1 x 49.5
23799-0	23799-8	23799-3	15	8.0	0.63	1,215	1	135	9	3.5 x 3.5 x 4.8	10.9 x 18.1 x 5.5	39.9 x 47.1 x 49.6
23800-6	23800-1	23800-6	15	8.0	0.63	1,215	1	135	9	3.5 x 3.5 x 4.8	10.9 x 18.1 x 5.5	39.9 x 47.1 x 49.6



Energy efficient PAR38 halogen reflector lamps

Philips Energy Advantage IR PAR38 Lamps with high efficacy combine visual appeal with energy savings.



Features

- Fully dimmable and instant-on
- Minimal UV/IR light in the beam
- Consistent, uniform beam pattern
- Contains no mercury
- Available in a variety of beam angles
- 4400 hour rated average life¹ for IRC+ lamps

Benefits

- Beautifully showcases merchandise
- Vibrant colors and textures you can feel with your eyes
- Lower maintenance cost through fewer re-lamps

Applications

- Accent and general lighting
- Fits track and recessed lighting luminaires
- Suitable for indoor or outdoor locations

¹ 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.



Philips Halogen PAR38 lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Beam Angle	Rated Avg. Life ¹ (Hours)	Lumens	Approx. MBCP ²	CRI	Color Temp. (Kelvin)	MOL (in.)
PAR38												
42884-7	39PAR38/EVP/FL25 120V	39	PAR38	E26	120V	25°	1,100	540	2,100	100	2900	5.3
42894-6	72PAR38/EVP/SP10 120V	72	PAR38	E26	120V	10°	1,100	1,350	16,000	100	2880	5.3
41940-8	72PAR38/EV/FL25 120V	72	PAR38	E26	120V	25°	1,100	1,350	4,700	100	2880	5.3
42893-8	72PAR38/EVP/FL25 120V	72	PAR38	E26	120V	25°	1,100	1,350	4,700	100	2880	5.3
45925-5	72PAR38/EV/FL25 120V 6PK	72	PAR38	E26	120V	25°	1,100	1,350	4,700	100	2880	5.3
PAR38 IRC												
23845-1	39PAR38/IRC+/FL25 120V	39	PAR38 IRC	E26	120V	25°	4,400	680	2,500	100	2800	5.3
14503-7	40PAR38/IRC+/FL25 120V	40	PAR38 IRC	E26	120V	25°	4,400	705	3,000	100	2720	5.3
14505-2	50PAR38/IRC+/SP10 120V	50	PAR38 IRC	E26	120V	10°	4,400	950	15,500	100	2760	5.3
14506-0	50PAR38/IRC+/FL25 120V	50	PAR38 IRC	E26	120V	25°	4,400	950	4,000	100	2760	5.3
23865-9	55PAR38/IRC+/FL25 120V	55	PAR38 IRC	E26	120V	25°	4,400	1,050	4,100	100	2700	5.3
23849-3	55PAR38/IRC+/WFL40 120V	55	PAR38 IRC	E26	120V	40°	4,400	1,050	1,800	100	2700	5.3
13861-0	70PAR38/IRC+/SP10 120V	70	PAR38 IRC	E26	120V	10°	4,400	1,500	17,800	100	2800	5.3
13862-8	70PAR38/IRC+/FL25 120V	70	PAR38 IRC	E26	120V	25°	4,400	1,500	6,170	100	2800	5.3
13863-6	70PAR38/IRC+/WFL40 120V	70	PAR38 IRC	E26	120V	40°	4,400	1,500	2,320	100	2800	5.3
23851-9	83PAR38/IRC+/FL25 120V	83	PAR38 IRC	E26	120V	25°	4,400	1,750	7,000	100	2730	5.3
13876-8	100PAR38/IRC+/SP10 120V	100	PAR38 IRC	E26	120V	10°	4,400	2,150	26,400	100	2830	5.3
13877-6	100PAR38/IRC+/FL25 120V	100	PAR38 IRC	E26	120V	25°	4,400	2,150	8,500	100	2830	5.3
13878-4	100PAR38/IRC+/WFL40 120V	100	PAR38 IRC	E26	120V	40°	4,400	2,150	3,500	100	2830	5.3

1. 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.

2. Maximum Beam Candle Power.



Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
PAR38												
42884-7	42884-6	42884-1	12	11.0	0.90	468	1	156	3	4.3 x 4.3 x 5.5	9.3 x 13.8 x 12.1	41.3 x 47.2 x 47.8
42894-6	42894-5	42894-0	12	11.0	0.90	720	1	180	4	4.3 x 4.3 x 5.5	9.3 x 13.8 x 12.1	41.3 x 47.2 x 47.8
41940-8	41940-0	41940-5	6	5.7	0.48	720	1	90	8	4.3 x 4.3 x 5.5	9.6 x 13.9 x 6.2	43.3 x 45.3 x 51.0
42893-8	42893-8	42893-3	12	11.0	0.90	720	1	180	4	4.3 x 4.3 x 5.5	9.3 x 13.8 x 12.1	41.3 x 47.2 x 47.8
45925-5	45925-3	45925-8	1	5.8	0.53	72	6	12	6	11.0 x 13.1 x 6.2	11.0 x 13.1 x 6.3	39.4 x 47.2 x 42.5
PAR38 IRC												
23845-1	23845-2	23845-7	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.5 x 11.9	40.7 x 45.3 x 47.5
14503-7	14503-3	14503-8	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
14505-2	14505-7	14505-2	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
14506-0	14506-4	14506-9	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
23865-9	23865-0	23865-5	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.5 x 11.9	40.7 x 45.3 x 47.5
23849-3	23849-0	23849-5	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.5 x 11.9	40.7 x 45.3 x 47.5
13861-0	13861-5	13861-0	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
13862-8	1386-2	13862-7	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
13863-6	13863-9	13863-4	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
23851-9	23851-3	23851-8	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.5 x 11.9	40.7 x 45.3 x 47.5
13876-8	13876-9	13876-4	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
13877-6	13877-6	13877-1	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.5
13878-4	13878-3	13878-8	12	10.6	0.84	720	1	180	4	4.3 x 4.3 x 5.4	9.1 x 13.6 x 11.9	40.7 x 45.3 x 47.6



A bright energy saving alternative to standard incandescents

Philips Halogen A19 lamps reduce energy consumption without sacrificing the qualities of a traditional lamp.



Features

- Available in three finishes—soft white, natural light, clear
- Fully dimmable and instant-on
- Contains no mercury
- Perfect color rendering of 100 CRI
- At least 1000 hour rated average life¹

Benefits

- Soft white light for warm colors and natural wood finishes
- Natural light provides light similar to natural daylight
- Clear for added sparkle
- Same light qualities as an incandescent

Applications

- Ambient lighting
- Suitable for table and floor lamps
- Suitable for indoor or outdoor locations

¹ 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.



Philips Halogen A19 lamps

Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Bulb Finish	Rated Avg. Life (Hours)	Lumens ²	CRI	Color Temp. (Kelvin)	MOL (in.)
Replace a Standard Incandescent A19 40W²											
40983-9	29A19/EV 120V	29	A19	E26	120V	Soft white	1,000	380	100	2810	4.2
41050-6	29A19/EV/CL 120V	29	A19	E26	120V	Clear	1,000	380	100	2790	4.2
42600-7	29A19/EV 120V	29	A19	E26	120V	Soft white	1,000	380	100	2810	4.2
45735-8	29A19/EV/LL 120V	29	A19	E26	120V	Soft white	2,000	300	100	2610	4.2
45738-2	29A19/EV/LL 120V	29	A19	E26	120V	Soft white	2,000	300	100	2610	4.2
Replace a Standard Incandescent A19 60W²											
22695-1	43A19/EV/NTL 120V	43	A19	E26	120V	Daylight blue	1,100	600	100	2930	4.2
40984-7	43A19/EV 120V	43	A19	E26	120V	Soft white	1,000	750	100	2920	4.2
41049-8	43A19/EV/CL 120V	43	A19	E26	120V	Clear	1,000	750	100	2920	4.2
42603-1	43A19/EV 120V 6/4	43	A19	E26	120V	Soft white	1,000	750	100	2920	4.2
43427-4	43A19/EV 120V	43	A19	E26	120V	Soft white	1,000	750	100	2920	4.2
45734-1	43A19/EV/LL 120V	43	A19	E26	120V	Soft white	2,000	580	100	2720	4.2
45737-4	43A19/EV/LL 120V	43	A19	E26	120V	Soft white	2,000	580	100	2720	4.2
Replace a Standard Incandescent A19 75W²											
22696-9	53A19/EV/NTL 120V	53	A19	E26	120V	Daylight blue	1,100	790	100	2960	4.2
43432-4	53A19/EV MS 120V	53	A19	E26	120V	Soft white	1,000	850	100	2840	4.2
45800-0	53A19/EV/LL 120V	53	A19	E26	120V	Soft white	2,000	790	100	2750	4.2
45801-8	53A19/EV/LL 120V	53	A19	E26	120V	Soft white	2,000	790	100	2750	4.2
Replace a Standard Incandescent A19 100W²											
43428-2	72A19/EV 120V	72	A19	E26	120V	Soft white	1,000	1490	100	3000	4.2
22699-3	72A19/EV/NTL 120V	72	A19	E26	120V	Daylight blue	1,100	1170	100	3070	4.2
40982-1	72A19/EV 120V	72	A19	E26	120V	Soft white	1,000	1490	100	3000	4.2
42604-9	72A19/EV 120V 6/4	72	A19	E26	120V	Soft white	1,000	1490	100	3000	4.2
42924-1	72A19/EV/CL 120V	72	A19	E26	120V	Clear	1,000	1490	100	2990	4.2
45733-3	72A19/EV/LL 120V	72	A19	E26	120V	Soft white	2,000	1120	100	2780	4.2
45736-6	72A19/EV/LL 120V	72	A19	E26	120V	Soft white	2,000	1120	100	2780	4.2

1. 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.
 2. Replacement based on lumen performance of each lamp. Results may vary by application.



Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
Replace a Standard Incandescent A19 40W												
40983-9	40983-8	40983-3	12	3.4	0.40	1,440	2	144	10	2.5 x 4.0 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.5
41050-6	41050-6	41050-1	12	1.2	0.37	1,440	2	144	10	2.5 x 4.0 x 4.1	8.6 x 15.5 x 4.8	36.2 x 48.6 x 47.5
42600-7	42600-2	42600-7	6	2.0	0.35	756	4	126	6	2.5 x 4.9 x 6.5	5.4 x 15.4 x 7.3	37.6 x 46.1 x 48.5
45735-8	45735-8	45735-3	12	2.6	0.34	1,440	2	144	10	4.1 x 2.5 x 4.1	8.4 x 14.7 x 4.8	39.4 x 47.2 x 46.9
45738-2	45738-9	45738-4	6	2.6	0.36	882	4	126	7	4.8 x 2.4 x 6.5	5.5 x 15.9 x 7.1	39.4 x 47.2 x 49.3
Replace a Standard Incandescent A19 60W												
22695-1	22695-4	22695-9	12	3.4	0.40	1,440	2	144	10	4.0 x 2.5 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.6
40984-7	40984-5	40984-0	12	3.4	0.40	1,440	2	144	10	2.5 x 4.0 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.5
41049-8	41049-0	41049-5	12	3.4	0.40	1,440	2	144	10	2.5 x 4.0 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 49.6
42603-1	42603-3	42603-8	6	2.0	0.33	756	4	126	6	2.5 x 4.9 x 6.5	5.4 x 15.4 x 7.0	37.6 x 46.1 x 48.5
43427-4	43427-4	43427-9	6	3.1	0.48	630	6	90	7	2.5 x 7.5 x 6.5	7.8 x 15.6 x 6.9	38.8 x 46.9 x 48.4
45734-1	45734-1	45734-6	12	2.6	0.34	1,440	2	144	10	4.1 x 2.5 x 4.1	8.4 x 14.7 x 4.8	39.4 x 47.2 x 46.9
45737-4	45737-2	45737-7	6	2.6	0.36	882	4	126	7	4.8 x 2.4 x 6.5	5.5 x 15.9 x 7.1	39.4 x 47.2 x 49.3
Replace a Standard Incandescent A19 75W												
22696-9	22696-1	22696-6	12	3.4	0.40	1,440	2	144	10	4.0 x 2.5 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.6
43432-4	43432-8	43432-3	6	2.5	0.36	630	4	126	5	4.8 x 2.4 x 6.5	5.6 x 15.6 x 7.1	39.4 x 47.2 x 37.0
45800-0	45800-3	45800-8	12	2.5	0.34	1,440	2	144	10	4.1 x 2.5 x 4.1	8.4 x 14.7 x 4.8	39.4 x 47.2 x 46.9
45801-8	45801-0	45801-5	6	2.5	0.36	882	4	126	7	4.8 x 2.4 x 6.5	5.5 x 15.9 x 7.1	39.4 x 47.2 x 49.3
Replace a Standard Incandescent A19 100W												
43428-2	43428-1	43428-6	6	3.1	0.48	630	6	90	7	2.5 x 7.5 x 6.5	7.8 x 15.6 x 6.9	38.8 x 46.9 x 48.4
22699-3	22699-2	22699-7	12	3.4	0.40	1,440	2	144	10	4.0 x 2.5 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.6
40982-1	40982-1	40982-6	12	3.4	0.40	1,440	2	144	10	2.5 x 4.0 x 4.1	9.1 x 16.2 x 4.8	36.2 x 48.6 x 47.5
42604-9	42604-0	42604-5	6	2.0	0.33	756	4	126	6	2.5 x 4.9 x 6.5	5.4 x 15.4 x 7.0	37.6 x 46.1 x 48.5
42924-1	41048-3	42924-4	12	3.4	0.43	1,440	2	144	10	2.5 x 4.0 x 4.1	9.4 x 16.1 x 4.9	40.0 x 48.9 x 49.7
45733-3	45733-4	45733-9	12	2.6	0.34	1,440	2	144	10	4.1 x 2.5 x 4.1	8.4 x 14.7 x 4.8	39.4 x 47.2 x 46.9
45736-6	45736-5	45736-0	6	2.6	0.36	882	4	126	7	4.8 x 2.4 x 6.5	5.5 x 15.9 x 7.1	39.4 x 47.2 x 49.3



Decorative halogen lamps

Philips Halogen energy saving candles and globes reduce energy consumption without sacrificing the qualities of a traditional lamp.



Features

- Bright, sparkling halogen light
- Fully dimmable and instant-on
- Contains no mercury
- Candelabra or medium base
- 100 CRI

Benefits

- Available in two finishes, soft white and clear to suit most applications
- Same light qualities as an incandescent

Applications

- Accent and decorative lighting
- Operates in any orientation



Decorative Philips Halogen Candle and Globe lamps



Ordering, Electrical and Technical Data (Subject to change without notice)

Product Number	Ordering Description	Nom. Watts (W)	Bulb Type	Base	Volts	Bulb Finish	Rated Avg. Life ¹ (Hours)	Approx. Lumens	CRI	Color Temp. (Kelvin)	MOL (in.)	Key
Decorative lamps												
41919-2	BC25B11/E12/EV/CL 120V	25	B10.5	Candelabra Screw	120V	Clear	2,500	280	100	2900	4.1	A
41920-0	BC40B11/E12/EV/CL 120V	40	B10.5	Candelabra Screw	120V	Clear	2,500	540	100	2900	4.1	A
42427-5	BC25B11/E26/EV/CL 120V	25	B11	E26	120V	Clear	2,500	280	100	2900	3.9	C
42428-3	BC40B11/E26/EV/CL 120V	40	B11	E26	120V	Clear	2,500	540	100	2900	3.9	C
43441-5	BC40B11/E26/EV/CL 120V	40	B11	E26	120V	Clear	2,500	540	100	2900	3.9	C
42425-9	BC25BA11/E26/EV/CL 120V	25	BA11	E26	120V	Clear	2,500	280	100	2900	3.9	D
42426-7	BC40BA11/E26/EV/CL 120V	40	BA11	E26	120V	Clear	2,500	540	100	2900	3.9	D
41917-6	BC25BA11/E12/EV/CL 120V	25	BA11	Candelabra Screw	120V	Clear	2,500	280	100	2900	4.1	B
41918-4	BC40BA11/E12/EV/CL 120V	40	BA9	Candelabra Screw	120V	Clear	2,500	540	100	2900	4.1	B
43372-2	BC43F15/EV/CL 120V	43	F15	E26	120V	Clear	1,000	750	100	2920	4.8	E
42086-9	BC25G16-1/2C/EV/CL 120V	25	G16.5	Candelabra Screw	120V	Clear	2,500	270	100	2700	3.0	F
42087-7	BC25G16-1/2C/EV/W 120V	25	G16.5	Candelabra Screw	120V	White	2,500	245	100	2700	3.0	G
43356-5	BC40G16.5/EV/CL 120V	40	G16.5	E26	120V	Clear	2,500	540	100	2800	3.0	F
43357-3	BC40G16.5/EV/W 120V	40	G16.5	E26	120V	Soft white	2,500	500	100	2800	3.0	G
42084-4	40G25/EV/CL 120V	40	G25	E26	120V	Clear	2,500	550	100	2800	4.5	H
42085-1	40G25/EV/W 120V	40	G25	E26	120V	White	2,500	500	100	2800	4.5	I
43368-0	40G25/EV/CL 120V	40	G25	E26	120V	Clear	2,500	550	100	2800	4.5	H
43369-8	40G25/EV/W 120V	40	G25	E26	120V	Soft white	2,500	500	100	2800	4.5	I

1. 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.



Halogen
Energy Advantage
Lamps Brochure
.....
Decorative lamps
.....

Shipping Data (Subject to change without notice)

Product Number	SKU UPC (0-46677)	Outer Bar Code (5-00-46677)	Case Qty.	Case Weight (lbs)	Case Cube (cu. ft.)	Pallet Qty.	Lamps/SKU	SKUs/Layer	Layers High	SKU Dimensions (w x d x h, in.)	Case Dimensions (w x d x h, in.)	Pallet Dimensions (w x d x h, in.)
Decorative lamps												
41919-2	41919-6	41919-1	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	40.0 x 48.0 x 44.6
41920-0	41920-2	41920-7	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	40.0 x 48.0 x 44.6
42427-5	42427-5	42427-0	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	39.4 x 47.2 x 44.5
42428-3	42428-2	42428-7	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	39.4 x 47.2 x 44.5
43441-5	42428-2	43441-5	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	39.4 x 47.2 x 44.5
42425-9	42425-1	42425-6	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	39.4 x 47.2 x 44.5
42426-7	42426-8	42426-3	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	39.4 x 47.2 x 44.5
41917-6	41917-2	41917-7	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	40.0 x 48.0 x 44.6
41918-4	41918-9	41918-4	6	0.9	0.27	1,008	2	168	6	1.5 x 4.5 x 7.0	5.2 x 12.1 x 7.4	40.0 x 48.0 x 44.6
43372-2	43372-7	43372-2	4	1.0	0.19	1,008	1	168	6	4.5 x 2 x 7.0	5.3 x 8.3 x 7.3	40.8 x 48.3 x 44.1
42086-9	42086-4	42086-9	6	1.7	0.29	936	2	156	6	4.0 x 1.8 x 7.0	4.5 x 15.2 x 7.4	39.4 x 47.2 x 44.3
42087-7	42087-1	42087-6	6	1.7	0.29	936	2	156	6	4.0 x 1.8 x 7.0	4.5 x 15.2 x 7.4	39.4 x 47.2 x 44.3
43356-5	43356-7	43356-2	6	2.5	0.48	936	2	156	6	4.0 x 1.8 x 7.0	10.7 x 14.4 x 5.4	39.4 x 47.2 x 70.3
43357-3	43357-4	43357-9	6	1.7	0.29	936	2	156	6	4.0 x 1.8 x 7.0	4.5 x 15.2 x 7.4	39.4 x 47.2 x 44.3
42084-4	42084-0	42084-5	12	3.8	0.36	1,440	1	144	10	3.1 x 3.1 x 4.3	10.2 x 13.1 x 4.7	39.2 x 40.8 x 47.8
42085-1	42085-7	42085-2	12	3.8	0.36	1,440	1	144	10	3.1 x 3.1 x 4.3	10.2 x 13.1 x 4.7	39.2 x 40.8 x 47.8
43368-0	43368-0	43368-5	4	2.5	0.48	396	3	44	9	9.9 x 3.4 x 4.0.8	10.7 x 14.4 x 5.4	40.3 x 48.0 x 49.0
43369-8	43369-7	43369-2	4	2.5	0.48	396	3	44	9	9.9 x 3.4 x 4.0.8	10.7 x 14.4 x 5.4	40.3 x 48.0 x 49.0

Notes



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