

Philips Halogen Energy Advantage IR PAR Lamps

Philips Halogen PAR Lamps are designed to put people in the best light



Photography by Laszlo Regos

***Ideal for retail, residential,
and commercial applications.
For indoor and outdoor use.***

▶ **New 60W IRC Lamp Can Replace
75W Standard PAR Lamp**

▶ **Up to 42 Layers of IR Coating
on Double Ended Burner**

Allows for more efficient use of IR beam
technology (up to 22 lm/w)

▶ **Up to 40% Longer Life and
Up to 33% in Energy Savings**

Only with the Energy Advantage IR lamps
compared to standard halogen lamps

▶ **DiOptic/WISO Reflector**

Increased uniform beam intensity without
hot spots, superior beam control for effective
accent lighting, and consistent quality lamp to
lamp and throughout lifetime

▶ **4200 Hour Rated Average Life'
for Most Halogen Energy
Advantage IR PAR Lamps²**

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) This excludes the 130V 50W PAR30 Short which has 3000 hours.



PHILIPS

Philips Halogen Energy Advantage IR PAR Lamps

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

Product Number	Ordering Code	Watts	Volts	Pkg Qty.	Description	Bulb Type	Base	Rated Avg. Life (Hrs.) ¹	Approx. MBCP ²	Lumens	Class Filament	MOL (In.)
Halogen Energy Advantage IR PAR30 Short Lamps Featuring Halogen Infrared Technology and WISO Reflector												
I4496-3	40PAR30S/IRC/HAL/SP10	40	120	15	Spot 10°	PAR-30S	Medium	4200	9100	720	C, CC-8	3 %
I4497-1	40PAR30S/IRC/HAL/FL25	40	120	15	Flood 25°	PAR-30S	Medium	4200	2420	720	C, CC-8	3 %
I4498-9	40PAR30S/IRC/HAL/WFL40	40	120	15	Wide Flood 40°	PAR-30S	Medium	4200	1150	720	C, CC-8	3 %
I4499-7	50PAR30S/IRC/HAL/SP10	50	120	15	Spot 10°	PAR-30S	Medium	4200	12,300	970	C, CC-8	3 %
I4500-3	50PAR30S/IRC/HAL/FL25	50	120	15	Flood 25°	PAR-30S	Medium	4200	3850	970	C, CC-8	3 %
I4501-1	50PAR30S/IRC/HAL/WFL40	50	120	15	Wide Flood 40°	PAR-30S	Medium	4200	1460	970	C, CC-8	3 %

NEW WATTAGES

I5004-5	60PAR30S/IRC/HAL/SP10	60	120	15	Spot 10°	PAR-30S	Medium	4200	15,100	1140	C, CC-8	3 %
I5007-8	60PAR30S/IRC/HAL/FL25	60	120	15	Flood 25°	PAR-30S	Medium	4200	4300	1140	C, CC-8	3 %
I4989-8	60PAR30S/IRC/HAL/WFL40	60	120	15	Wide Flood 40°	PAR-30S	Medium	4200	1800	1140	C, CC-8	3 %

Halogen Energy Advantage IR PAR-30S Short Lamps 130V

Featuring Halogen Infrared Technology and WISO Reflector												
I3853-7	50PAR30S/IRC/HAL/SP10	50	130	15	Spot 10°	PAR-30S	Medium	3000	11,000	840	C, CC-8	3 %
					Ratings @ 120V = 44W			6000	—	650		
I3854-5	50PAR30S/IRC/HAL/FL25	50	130	15	Flood 25°	PAR-30S	Medium	3000	3400	840	C, CC-8	3 %
					Ratings @ 120V = 44W			6000	—	650		
I3855-2	50PAR30S/IRC/HAL/WFL40	50	130	15	Wide Flood 40°	PAR-30S	Medium	3000	1350	840	C, CC-8	3 %
					Ratings @ 120V = 44W			6000	—	650		

Halogen Energy Advantage IR PAR-38 Lamps

Featuring Halogen Infrared Technology and DiOptic Reflector												
I4502-9	40PAR38/IRC/HAL/SP10	40	120	12	Spot 10°	PAR-38	Medium Skirted	4200	11,000	720	C, CC-8	5 %
I4503-7	40PAR38/IRC/HAL/FL25	40	120	12	Flood 25°	PAR-38	Medium Skirted	4200	3000	720	C, CC-8	5 %
I4504-5	40PAR38/IRC/HAL/WFL40	40	120	12	Wide Flood 40°	PAR-38	Medium Skirted	4200	1200	720	C, CC-8	5 %
I4505-2	50PAR38/IRC/HAL/SP10	50	120	12	Spot 10°	PAR-38	Medium Skirted	4200	15,500	970	C, CC-8	5 %
I4506-0	50PAR38/IRC/HAL/FL25	50	120	12	Flood 25°	PAR-38	Medium Skirted	4200	4000	970	C, CC-8	5 %
I4507-8	50PAR38/IRC/HAL/WFL40	50	120	12	Wide Flood 40°	PAR-38	Medium Skirted	4200	1600	970	C, CC-8	5 %
I3873-5	60PAR38/IRC/HAL/SP10	60	120	12	Spot 10°	PAR-38	Medium Skirted	4200	15,500	1120	C, CC-8	5 %
I3874-3	60PAR38/IRC/HAL/FL25	60	120	12	Flood 25°	PAR-38	Medium Skirted	4200	5100	1120	C, CC-8	5 %
I3875-0	60PAR38/IRC/HAL/WFL40	60	120	12	Wide Flood 40°	PAR-38	Medium Skirted	4200	1800	1120	C, CC-8	5 %
I3861-0	70PAR38/IRC/HAL/SP10	70	120	12	Spot 10°	PAR-38	Medium Skirted	4200	17,800	1550	C, CC-8	5 %
I3862-8	70PAR38/IRC/HAL/FL25	70	120	12	Flood 25°	PAR-38	Medium Skirted	4200	6170	1550	C, CC-8	5 %
I3863-6	70PAR38/IRC/HAL/WFL40	70	120	12	Wide Flood 40°	PAR-38	Medium Skirted	4200	2320	1550	C, CC-8	5 %
I3876-8	100PAR38/IRC/HAL/SP10	100	120	12	Spot 10°	PAR-38	Medium Skirted	4200	26,400	2200	C, CC-8	5 %
I3877-6	100PAR38/IRC/HAL/FL25	100	120	12	Flood 25°	PAR-38	Medium Skirted	4200	8500	2200	C, CC-8	5 %
I3878-4	100PAR38/IRC/HAL/WFL40	100	120	12	Wide Flood 40°	PAR-38	Medium Skirted	4200	3500	2200	C, CC-8	5 %

Halogen Energy Advantage IR PAR-38 Lamps 130V

Featuring Halogen Infrared Technology and DiOptic Reflector												
I3920-4	60PAR38/IRC/HAL/SP10	60	130	12	Spot 10°	PAR-38	Medium Skirted	4200	15,500	1120	C, CC-8	5 %
					Ratings @ 120V = 53W			8400	—	880		
I3879-2	60PAR38/IRC/HAL/FL25	60	130	12	Flood 25°	PAR-38	Medium Skirted	4200	5100	1120	C, CC-8	5 %
					Ratings @ 120V = 53W			8400	—	880		
I3918-8	60PAR38/IRC/HAL/WFL40	60	130	12	Wide Flood	PAR-38	Medium Skirted	4200	1800	1120	C, CC-8	5 %
					Ratings @ 120V = 53W			8400	—	880		

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 Candlepower

†† This excludes the 130V 50W PAR30 Short which has 3000 hours rated average life.

To avoid deterioration of lampholder by heat, use only heat resistant lampholders or fixtures listed by a nationally recognized electrical testing organization for use with reflector or PAR lamps.

PAR HALOGEN CAUTION NOTICE: Before using bulb, see operating instructions 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.

Philips Halogen Energy Advantage IR PAR Lamps

Ordering and Shipping Data

Product Number	SKU UPC (0 46677-)	Outer Bar Code (5 0046677-)	Case Qty.	Case Weight (lbs.)	Case Cube (cu. ft.)	Pallet Qty.	SKUs Per 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.)
Halogen Energy Advantage IR PAR30 Short Lamps											
14496-3	14496 8	14496 3	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14497-1	14497 5	14497 0	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14498-9	14498 2	14498 7	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14499-7	14499 9	14499 4	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14500-3	14500 2	14500 7	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14501-1	14501 9	14501 4	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
15004-5	15004 4	15004 9	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
15007-8	15007 5	15007 0	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
14989-8	14989 5	14989 0	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
13853-7	13853 0	13853 5	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
13854-5	13854 7	13854 2	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
13855-2	13855 4	13855 9	15	8.0	0.52	1350	135	10	3.38 x 3.38 x 4	10.81 x 17.69 x 4.69	39.31 x 46.19 x 46.9
Halogen Energy Advantage IR PAR38 Lamps											
14502-9	14502 6	14502 1	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
14503-7	14503 3	14503 8	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
14504-5	14504 0	14504 5	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
14505-2	14505 7	14505 2	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
14506-0	14506 4	14506 9	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
14507-8	14507 1	14507 6	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13873-5	13873 8	13873 3	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13874-3	13874 5	13874 0	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13875-0	13875 2	13875 7	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13861-0	13861 5	13861 0	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13862-8	13862 2	13862 7	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13863-6	13863 9	13863 4	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13876-8	13876 9	13876 4	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13877-6	13877 6	13877 1	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13878-4	13878 3	13878 8	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13920-4	13920 9	13920 4	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13879-2	13879 0	13879 5	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52
13918-8	13918 6	13918 1	12	10.6	0.84	720	180	4	4.31 x 4.31 x 5.44	9.06 x 13.56 x 11.88	40.68 x 45.3 x 47.52

Upgrade your lighting using the Energy Advantage IR

Standard Halogen PAR 3,000 hour PAR30S and PAR38 lamps	Halogen Energy Advantage IR PAR						
	Energy Advantage IR	Energy Savings	Energy Savings in dollars*	Increased Lifetime			
120W	replace with 100W	save 20W	results in \$8.00	enjoy up to 40%			
90W	replace with 70W	save 20W	results in \$8.00	enjoy up to 40%			
75W	replace with New! 60W	save 15W	results in \$6.00	enjoy up to 40%			
75W	replace with 50W	save 25W	results in \$10.00	enjoy up to 40%			
60W	replace with 40W	save 20W	results in \$8.00	enjoy up to 40%			

*Savings based on \$.10 kWh at 4000 operating hours annually compared to lamps with similar light output.

See what's possible with halogen lighting



Create a brighter shopping experience for customers

Philips Halogen lamp family, a new presentation of halogen lamps in three simple categories for decorative, accent, ambient, and task lighting. Philips halogen lamps are designed to appeal visually and save on energy costs as well.

Visually, Philips lamps provide bright, crisp light that is perfect for retail lighting. Since they deliver more lumens per watt than conventional incandescent reflector lamps, they reduce energy and maintenance costs and feature long lifetimes.

Three simple categories make choosing a lamp easy!

Choose the right lamp to meet your needs

Halogen	Halogen Long Life IR	Halogen Energy Advantage IR
These lamps will provide bright, white light across the product line. Offers a rated average life [†] between 2000 and 3000 hours and excellent beam qualities for accent or ambient lighting.	Features 6000 hour rated average life [†] which is double the life of comparable standard halogen lamps. These lamps are ideal for places where maintenance is expensive and disruptive. Longer life lamps also delay replacement frequency which will save on re-lamping costs.	This category provides 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 up to 40% longer rated average life [†] than standard halogen lamps.

[†] 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.



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