



# ALL GLASS HYBRID LED

*It looks and acts just like an incandescent bulb!*

**This LED is the solution for all your lighting needs.**

**It looks so close to an incandescent that you won't believe it's an LED.**  
 NO VISIBLE HEAT SINK • UNIQUE FILAMENT DESIGN • 20,000 HOURS LIFE  
 HIGH CRI >80 • >80 LUMENS PER WATT • 2700K WARM WHITE



## AVAILABLE IN VARIOUS GLASS SHAPES

LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>A19</b>   <b>CLEAR</b>  <b>FROSTED</b>	110-120V	4W	350	E26 (MEDIUM)	2.4" x 4.25"	2700K	LED-4W-A19HYBRID-DIM LED-4WF-A19HYBRID-DIM	40W INCANDESCENT
	110-120V	6W	480	E26 (MEDIUM)	2.4" x 4.25"	2700K	LED-6W-A19HYBRID-DIM LED-6WF-A19HYBRID-DIM	60W INCANDESCENT
	110-120V	8W	690	E26 (MEDIUM)	2.4" x 4.25"	2700K	LED-8W-A19HYBRID-DIM LED-8WF-A19HYBRID-DIM	75W INCANDESCENT
*F = frosted								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>TORPEDO</b>   <b>CLEAR</b>  <b>FROSTED</b>	110-120V	2W	180	E12 (CANDELABRA)	1.3" x 3.9"	2700K	LED-2W-B10HYBRID-DIM LED-2WF-B10HYBRID-DIM	25W INCANDESCENT
	110-120V	4W	350	E12 (CANDELABRA)	1.3" x 3.9"	2700K	LED-4W-B10HYBRID-DIM LED-4WF-B10HYBRID-DIM	40W INCANDESCENT
*F = frosted								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>BENT TIP</b>   <b>CLEAR</b>  <b>FROSTED</b>	110-120V	2W	180	E12 (CANDELABRA)	1.3" x 3.9"	2700K	LED-2WBT-B10HYBRID-DIM LED-2WBTf-B10HYBRID-DIM	25W INCANDESCENT
	110-120V	4W	350	E12 (CANDELABRA)	1.3" x 3.9"	2700K	LED-4WBT-B10HYBRID-DIM LED-4WBTf-B10HYBRID-DIM	40W INCANDESCENT
*F = frosted								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>ST64</b>   <b>CLEAR</b>  <b>AMBER</b>	110-120V	4W	350	E26 (MEDIUM)	2.5" x 5.5"	2200K	LED-4W-ST64HYBRID-DIM-22K LED-4WA-ST64HYBRID-DIM-22K	40W INCANDESCENT
	110-120V	6W	480	E26 (MEDIUM)	2.5" x 5.5"	2200K	LED-6W-ST64HYBRID-DIM-22K LED-6WA-ST64HYBRID-DIM-22K	60W INCANDESCENT
	110-120V	8W	690	E26 (MEDIUM)	2.5" x 5.5"	2200K	LED-8W-ST64HYBRID-DIM-22K LED-8WA-ST64HYBRID-DIM-22K	75W INCANDESCENT
*A = amber								
Non-stock items may require a minimum order amount. Consult factory.								



**AAMSCO LIGHTING, INC.**



100 Lamp Light Circle | Summerville, SC 29483 | 800-221-9092

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LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>G14</b>  <b>CLEAR</b> <b>FROSTED</b>	110-120V	4W	350	E26 (MEDIUM)	2" X 3.25"	2700K	LED-4W-G14HYBRID-DIM LED-4WF-G14HYBRID-DIM	40W INCANDESCENT
	*F = frosted							
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>S14</b>  <b>CLEAR</b> <b>FROSTED</b>	110-120V	2W	180	E26 (MEDIUM)	1.7" X 3.3"	2700K	LED-2W-S14HYBRID-DIM LED-2WF-S14HYBRID-DIM	25W INCANDESCENT
	110-120V	4W	350	E26 (MEDIUM)	1.7" X 3.3"	2700K	LED-4W-S14HYBRID-DIM LED-4WF-S14HYBRID-DIM	40W INCANDESCENT
*F = frosted								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>GLOBE</b> <b>G25/G30/G40</b>  <b>CLEAR</b> <b>WHITE</b>	110-120V	4W	350	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-4W-G25HYBRID-DIM LED-4WH-G25HYBRID-DIM LED-4W-G30HYBRID-DIM LED-4WH-G30HYBRID-DIM LED-4W-G40HYBRID-DIM LED-4WH-G40HYBRID-DIM	40W INCANDESCENT
	110-120V	6W	480	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-6W-G25HYBRID-DIM LED-6WH-G25HYBRID-DIM LED-6W-G30HYBRID-DIM LED-6WH-G30HYBRID-DIM LED-6W-G40HYBRID-DIM LED-6WH-G40HYBRID-DIM	60W INCANDESCENT
	110-120V	8W	690	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-8W-G25HYBRID-DIM LED-8WH-G25HYBRID-DIM LED-8W-G30HYBRID-DIM LED-8WH-G30HYBRID-DIM LED-8W-G40HYBRID-DIM LED-8WH-G40HYBRID-DIM	75W INCANDESCENT
*H = white								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
<b>SILVER BOWL</b> <b>G25/G30/G40</b> 	110-120V	4W	350	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-4WSB-G25HYBRID-DIM LED-4WSB-G30HYBRID-DIM LED-4WSB-G40HYBRID-DIM	40W INCANDESCENT
	110-120V	6W	480	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-6WSB-G25HYBRID-DIM LED-6WSB-G30HYBRID-DIM LED-6WSB-G40HYBRID-DIM	60W INCANDESCENT
	110-120V	8W	690	E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2700K	LED-8WSB-G25HYBRID-DIM LED-8WSB-G30HYBRID-DIM LED-8WSB-G40HYBRID-DIM	75W INCANDESCENT
*SB = silver bowl								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
 <b>MINI REFLECTOR</b>	110-120V	2W	180	E14	2" X 3.3"	2700K	LED-2W-R50HYBRID-DIM	25W INCANDESCENT
	110-120V	4W	350	E14	2" X 3.3"	2700K	LED-4W-R50HYBRID-DIM	40W INCANDESCENT
Non-stock items may require a minimum order amount. Consult factory.								



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LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
 <b>R20</b>	110-120V	4W	350	E26 (MEDIUM)	R20: 2.48" X 4.25" R30: 3.14" X 4.40"	2700K	LED-4W-R20HYBRID-DIM LED-4W-R30HYBRID-DIM	40W INCANDESCENT
	110-120V	6W	480	E26 (MEDIUM)	R20: 2.48" X 4.25" R30: 3.14" X 4.40"	2700K	LED-6W-R20HYBRID-DIM LED-6W-R30HYBRID-DIM	60W INCANDESCENT
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP	PART #	RECOMMENDED REPLACEMENT
 <b>T10</b>  <b>CLEAR</b> <b>FROSTED</b>	110-120V	4W	350	E26 (MEDIUM)	1.18" X 5"	2700K	LED-4W-T10HYBRID-DIM LED-4WF-T10HYBRID-DIM	40W INCANDESCENT
	110-120V	8W	690	E26 (MEDIUM)	1.18" X 5"	2700K	LED-8W-T10HYBRID-DIM LED-8WF-T10HYBRID-DIM	75W INCANDESCENT
*F = frosted								
Non-stock items may require a minimum order amount. Consult factory. Tuff coating available on request.								

The new, **HYBRID LED** is the latest innovation in LED technology from Aamsco. To achieve the resemblance of a standard incandescent bulb, COB (chips on board) LED Technology is used to create a “filament.”

How does the process work?

Multi, small sized LED chips are attached directly onto a **sapphire** substrate using special thermally conductive epoxy or adhesive. Then, they are wire bonded together to achieve an electrical connection.

The HYBRID LED uses a **sapphire** substrate as opposed to an aluminum one that is used in most other COB packaging. Aluminum substrates are inexpensive and have less reliability. **Sapphire** substrates are a little more expensive, but are much more reliable in terms of heat dissipation and higher thermal conductivity.

The **sapphire** substrate acts as the heat sink so there is no need for a “visible” heat sink. The closeness of the single LED chips evokes the impression of one common light source; it doesn’t look like many LEDs, but like one single illuminant, just like a conventional light source. No more color shades or single color dots. Each “filament” is wired in parallel so that if one should go out, the others will stay lit.

Advantages of COB technology:

- High conductivity
- Low thermal resistance resulting in longer life
- High light efficacy: capable of 100-120lm/w
- CRI >80
- No glare
- High brightness, high durability
- Capable of being used in small, compact glass shapes
- High voltage resistance: >4000V
- Ability to operate under ambient temperatures of -30°C and +50°C

The HYBRID LED can be used in enclosed fixtures as long as there is ample room for heat dissipation. It is not suitable for damp or wet locations.



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## LIMITED WARRANTY

The limited warranty set forth below is given by AAMSCO LIGHTING INC with respect to the AAMSCO HYBRID LED bulb (the "Product").

Your product, when shipped to you in new condition in its original packaging, is warranted against defects in materials or workmanship for a period of two (2) years from the date of original purchase. Product must be returned to AAMSCO for inspection. It is AAMSCO's sole judgment to determine defect in parts or Product. AAMSCO will at its option repair it, exchange it for a new product, or issue credit. AAMSCO does not pay incoming freight on warranty claims. This limited warranty covers all defects encountered in normal use of the product.

This limited warranty does not cover: Loss of or damage to, or failure of, the Product due to abuse, negligence, mishandling, alteration, accident, electrical current fluctuations, or disassembly or modification of any part of the Product, or loss or damage to the Product due to cosmetic damage, or acts of God. Failure of an LED light bulb is defined as more than 2% of its total LED chip count.

This warranty is null and void if the Product is not installed within the manufacturer's guidelines of voltage and current (excessive high VOLTAGE or heat will have the potential to burn out the LED), or due to the failure to follow proper installation, operating, maintenance, or environmental instructions or due to loss of or damage to the Product in reinstallation of any Product, nor for the expense accumulated thereof. AAMSCO and its suppliers are not responsible under any circumstance for the removal of or reinstallation of any Product, nor for the expense accumulated thereof.

AAMSCO's REPAIR, REPLACEMENT, OR REFUND IS THE SOLE REMEDY AVAILABLE ARISING FROM THE FAILURE OF A PRODUCT. NO IMPLIED WARRANTY, INCLUDING IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND AAMSCO. WARRANTY IS VOID IF PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH THIS PRODUCT IS MANUFACTURED.

Returned items require AAMSCO's written return authorization number. All returns must have a return claim number affixed to the return packaging.

Before returning the LED, please answer the following questions to the best of your knowledge:

When was the LED purchased? Invoice or PO#

When was the LED installed?

In what way was the LED used?

Open or enclosed fixture?

Indoor or Outdoor?

Operating voltage?

Did the LED burn out prematurely? If so, what was the duration of life?

Did the LED fail upon initial start up?

If possible, please email a photo of the LED in both lit and unlit images.

Address any complaints or suggestions to: AAMSCO LIGHTING INC., 100 LAMP LIGHT CIRCLE, SUMMERVILLE, SC 29483



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