

ALL GLASS HYBRID LED



This all-glass **HYBRID LED** uses COB LED technology and has no visible heat sink.

- **UNIQUE HIGH QUALITY SAPPHIRE FILAMENT**
- **20,000 HOURS LIFE**
- **CRI >80****
- **>80 LUMENS PER WATT**
- **2200K, 2700K, 4000K & 6000K***
- **2 YEAR WARRANTY**
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*All models are stocked as a standard 2700K except ST64 which comes standard 2200K.

**CRI>90 is available for all models. Consult factory

**Only dimmable on select model dimmers. Consult factory.

**Silicone Tuff coating available. Consult Factory



AVAILABLE IN VARIOUS GLASS SHAPES, WATTAGES & COLOR TEMPERATURES



AAMSCO LIGHTING

100 Lamp Light Circle, Summerville, SC 29483

800-221-9092 | info@aamsco.com | www.aamsco.com



The **HYBRID LED**, first introduced by Aamsco Lighting in 2013, is designed to achieve the closest resemblance to an incandescent bulb. It uses COB (Chips on Board) technology to create a "filament" appearance. Small LED chips are mounted on 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 or ceramic one that is most often used in other filament LEDs on the market. Aluminum & ceramic are inexpensive materials and have less reliability. Sapphire is a little more expensive but is much more reliable in terms of heat dissipation. The sapphire substrate acts as the heat sink so there is no need for a "visible" heat sink.

The closeness of the 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.








The **HYBRID LED** is now available from Aamsco in many different glass shapes, sizes and colors.

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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LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 A19	110-120V	4W 6W 8W	350 480 690	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	2.4" X 4.25"	2200K 2700K 4000K 6000K	CLEAR FROST AMBER SMOKED SILVER BOWL RED,BLUE or GREEN	LED-4W-A19HYBRID-DIM LED-6W-A19HYBRID-DIM LED-8W-A19HYBRID-DIM
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) A (Amber) S (Smoked) SB (Silver Bowl) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 B10	110-120V	2W 4W 6W	180 350 480	E12 (CANDELABRA) E12 (CANDELABRA) E12 (CANDELABRA)	1.13" X 3.9"	2200K 2700K 4000K 6000K	CLEAR FROST WHITE AMBER SMOKED RED,BLUE or GREEN	LED-2W-B10HYBRID-DIM LED-4W-B10HYBRID-DIM LED-6W-B10HYBRID-DIM
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) WH (White) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 BENT TIP	110-120V	2W 4W 6W	180 350 480	E12 (CANDELABRA) E12 (CANDELABRA) E12 (CANDELABRA)	1.13" X 3.9"	2200K 2700K 4000K 6000K	CLEAR FROST WHITE AMBER SMOKED RED,BLUE or GREEN	LED-2WBT-B10HYBRID-DIM LED-4WBT-B10HYBRID-DIM LED-6WBT-B10HYBRID-DIM
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) WH (White) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 ST64	110-120V	4W 6W 8W	350 480 690	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	2.5" X 5.5"	2200K 2700K 4000K 6000K	CLEAR AMBER SMOKED	LED-4W-ST64HYBRID-DIM/22K LED-6W-ST64HYBRID-DIM/22K LED-8W-ST64HYBRID-DIM/22K
CLEAR IS STANDARD Indicate Desired Glass Options: A (Amber) S (Smoked) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 G14	110-120V	2W 4W 6W	180 350 480	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	1.7" X 2.8"	2200K 2700K 4000K 6000K	CLEAR FROST WHITE AMBER SMOKED RED,BLUE or GREEN	LED-2W-G14HYBRID-DIM LED-4W-G14HYBRID-DIM LED-6W-G14HYBRID-DIM
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) WH (White) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 G14/E12	110-120V	2W 4W 6W	180 350 480	E12 (CANDELABRA) E12 (CANDELABRA) E12 (CANDELABRA)	1.7" X 3"	2200K 2700K 4000K 6000K	CLEAR FROST WHITE AMBER SMOKED RED,BLUE or GREEN	LED-2W-G14HYBRID-DIM/E12 LED-4W-G14HYBRID-DIM/E12 LED-6W-G14HYBRID-DIM/E12
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) WH (White) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								
 S14	110-120V	2W 4W 6W	180 350 480	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	1.7" X 3.25"	2200K 2700K 4000K 6000K	CLEAR FROST WHITE AMBER SMOKED RED,BLUE or GREEN	LED-2W-S14HYBRID-DIM LED-4W-S14HYBRID-DIM LED-6W-S14HYBRID-DIM
CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) WH (White) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number								



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LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 GLOBE G25, G30, G40	110-120V	4W 6W 8W	350 480 690	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	G25: 3.1" X 4.6" G30: 3.7" X 5.4" G40: 4.9" X 6.9"	2200K 2700K 4000K 6000K	CLEAR WHITE AMBER SMOKED SILVER BOWL GOLD BOWL RED, BLUE or GREEN	LED-4W-G25HYBRID-DIM LED-4W-G30HYBRID-DIM LED-4W-G40HYBRID-DIM LED-6W-G25HYBRID-DIM LED-6W-G30HYBRID-DIM LED-6W-G40HYBRID-DIM LED-8W-G25HYBRID-DIM LED-8W-G30HYBRID-DIM LED-8W-G40HYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: WH (White) A (Amber) S (Smoked) SB (Silver Bowl) GB (Gold Bowl) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 MINI REFLECTOR	110-120V	2W 4W	180 350	E14	2" X 3.3"	2200K 2700K 4000K 6000K	CLEAR W/SILVER NECK FROSTED W/SILVER NECK	LED-2W-R50HYBRID-DIM LED-4W-R50HYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 R20, R30	110-120V	4W 6W 8W	350 480 690	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	R20: 2.50" X 4.25" R30: 3.75" X 5.00"	2200K 2700K 4000K 6000K	CLEAR W/SILVER NECK FROSTED W/SILVER NECK	LED-4W-R20HYBRID-DIM LED-4W-R30HYBRID-DIM LED-6W-R20HYBRID-DIM LED-6W-R30HYBRID-DIM LED-8W-R20HYBRID-DIM LED-8W-R30HYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 T6	110-120V	1W	150	E12 (CANDELABRA)	T6: 0.78" X 3.00"	2200K 2700K 4000K 6000K	CLEAR FROST AMBER RED, BLUE or GREEN	LED-1W-T6HYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) A (Amber) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 T8 T8L	110-120V	1W 2W 4W (T8L) 8W (T8L)	150 180 350 690	E12 CANDELABRA E12 CANDELABRA E26 (MEDIUM) E26 (MEDIUM)	T8: 1.00" X 3.34" T8L: 1.00" X 8.85"	2200K 2700K 4000K 6000K	CLEAR FROST AMBER RED, BLUE or GREEN	LED-1W-T8HYBRID-DIM LED-2W-T8HYBRID-DIM LED-4W-T8LHYBRID-DIM LED-8W-T8LHYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) A (Amber) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								
LED TYPE	VOLTS	WATTS	LUMENS	BASE TYPE	DIMENSIONS	COLOR TEMP OPTIONS	GLASS COLOR OPTIONS	BASE PART #
 T10, T10L, T10XL	110-120V	2W (T10) 4W (T10) 6W (T10L) 8W (T10, T10L & T10XL)	180 350 480 690	E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM) E26 (MEDIUM)	T10: 1.18" X 5.00" T10L: 1.18" X 12.0" T10XL: 1.18 X 24.0"	2200K 2700K 4000K 6000K	CLEAR FROST AMBER SMOKED RED, BLUE or GREEN	LED-2W-T10HYBRID-DIM LED-4W-T10HYBRID-DIM LED-8W-T10HYBRID-DIM LED-6W-T10L-HYBRID-DIM LED-8W-T10LHYBRID-DIM LED-8W-T10XLHYBRID-DIM
<p>CLEAR IS STANDARD Indicate Desired Glass Options: F (Frosted) A (Amber) S (Smoked) R (Red) B (Blue) G (Green) 2700K IS STANDARD Indicate Desired Color Temp as: /22K (2200K) /4K (4000K) /6K (6000K) at end of base part number</p>								

*PLEASE NOTE THAT MINIMUM ORDER QUANTITIES MAY APPLY TO NON-STOCK ITEMS. CONSULT FACTORY.



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SUMMERVILLE, SC 29483
1-843-278-0000 PHONE
1-843-278-0001 FAX

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.



AAMSCO LIGHTING INC
100 LAMP LIGHT CIRCLE
SUMMERVILLE, SC 29483
1-843-278-0000 PHONE
1-843-278-0001 FAX

LIMITED WARRANTY (con't.)

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