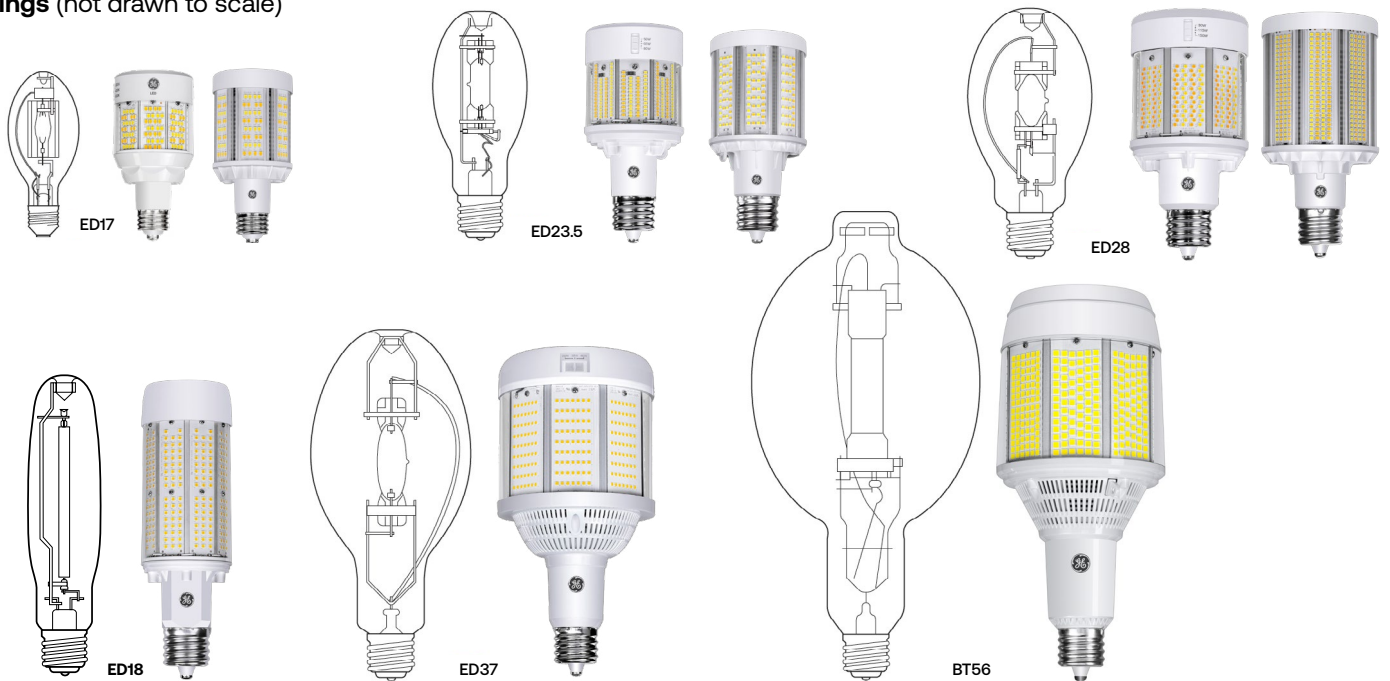




LED HID Replacement Lamps

Current's **LED HID Standard and Selectable Replacement Lamps** are designed to provide high output from a compact size. The length and diameter match HID ANSI profiles. These lamps feature omnidirectional light output, with similar distribution to traditional HID lamps. This enables GE LED lamps to fit in a variety of fixtures while providing equivalent light levels to HID, making it possible to upgrade more applications to LED without replacing an entire fixture. All of the GE LED lamps in this category are Type B, which means the fixture is re-wired to bypass the ballast. The lamp drawings below illustrate how similar in size Current's LED lamps are to traditional HID bulbs.

Lamp Drawings (not drawn to scale)





LED HID Replacement Lamps

Active Cooling LED HID Lamp Portfolio - Standard & Selectable utilize a proprietary design that includes a fan to circulate air through the lamp for cooling which allows for high output from a compact size.

Selectable LumenChoice® + SpectraChoice™ HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) ¹	Selectable Color Temp.* (Initial)	Wattage Replacement ⁵	CRI	Rated Life L70 (Hrs) ¹	DLC ³ ID ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED17	E26/EX39	93303384	LED/LC/ED17/7SC	120-277	3	5.4	2.6	21 35*	3,400 5,500*	3000K 4000K* 5000K	50W HPS / 70W MH 70W HPS / 100W MH 100W HPS / 175W MH	>70	50,000	-	Damp
ED17	E26/EX39	93314526	LED/LC/ED17/7SC/120-347	120-347	3	5.4	2.6	21 35*	3,400 5,500*	3000K 4000K* 5000K	50W HPS / 70W MH 70W HPS / 100W MH 100W HPS / 175W MH	>70	50,000	-	Damp
ED23.5	E26/EX39	93312104	LED/LC/ED23.5M/7SC	120-277	3	7.8	3.7	50 65 80*	8,200 10,500 12,500*	3000K 4000K 5000K*	100W HPS / 150W MH 150W HPS / 150W MH 150W HPS / 250W MH	>70	50,000	-	Damp
ED23.5	EX39	93312106	LED/LC/ED23.5/7SC	120-277	3	7.8	3.7	50 65 80*	8,200 10,500 12,500*	3000K 4000K 5000K*	100W HPS / 150W MH 150W HPS / 150W MH 150W HPS / 250W MH	>70	50,000	S-4V5N0G	Damp
ED23.5	EX39	93314766	LED/LC/ED23.5/7SC/277-480	277-480	3	7.8	3.7	50 65 80*	8,200 10,500 12,500*	3000K 4000K 5000K*	100W HPS / 150W MH 150W HPS / 150W MH 150W HPS / 250W MH	>70	50,000	S-Y2WDPN / S-S2HLFY	Damp
ED28	EX39	93312102	LED/LC/ED28/7SC	120-277	3	8.3	4.1	90 115 150*	14,000 18,000 23,500*	3000K 4000K 5000K*	200W HPS / 250W MH 250W HPS / 350W MH 310W HPS / 400W MH	>70	50,000	S-MB9GRL / S-NMTK94	Damp
ED28	EX39	93314772	LED/LC/ED28/7SC/277-480	277-480	3	8.3	4.1	90 115 150*	14,000 18,000 23,500*	3000K 4000K 5000K*	200W HPS / 250W MH 250W HPS / 350W MH 310W HPS / 400W MH	>70	50,000	S-WWNWHP / S-3WC1C9	Damp

Selectable LumenChoice® HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) ¹	Color Temp. (Initial)	Wattage Replacement ⁵	CRI	Rated Life L70 (Hrs) ¹	DLC ³ ID ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED37	EX39	93311586	LED/LC/ED37/740	277-480	3	11.3	5.6	200 325 450*	35,000 53,500 68,000*	4000K	400W HPS / 400W MH 750W HPS / 750W MH 750W HPS / 1000W MH	>70	50,000	S-ZZMLJT	Damp
ED37	EX39	93311587	LED/LC/ED37/750	277-480	3	11.3	5.6	200 325 450*	35,000 53,500 68,000*	5000K	400W HPS / 400W MH 750W HPS / 750W MH 750W HPS / 1000W MH	>70	50,000	S-25L41Q	Damp

ED18 HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Watts	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement ⁵	Rated Life L70 (Hrs) ¹	DLC ³ ID ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED18	EX39	93312096	LED180ED18/730	120-277	3	9.7	3.0	180	30,000	3000K	>70	400W HPS/400W MH	50,000	S-F26H3J	Damp
	EX39	93312098	LED180ED18/740	120-277	3	9.7	3.0	180	30,000	4000K	>70	400W HPS/400W MH	50,000	S-WN2HR8	Damp
	EX39	93312100	LED180ED18/750	120-277	3	9.7	3.0	180	30,000	5000K	>70	400W HPS/400W MH	50,000	S-BG0B87	Damp

High Output BT56 HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Watts	Lumens (Initial)	Color Temp. (Initial)	CRI	Wattage Replacement ⁵	Rated Life L70 (Hrs) ¹	DLC ³ ID ³	Location Rating ⁴
LED Replacement Lamps for HID - Ballast Bypass (Type B)															
BT56	EX39	93303389	LED470BT56/740	277-480	3	12.8	5.6	470	85,000	4000K	>70	1000W HPS / 1000W MH	50,000	S-E56HRP	Damp
	EX39	93303388	LED470BT56/750	277-480	3	12.8	5.6	470	85,000	5000K	>70	1000W HPS / 1000W MH	50,000	S-64APZW	Damp



LED HID Replacement Lamps

Passive Cooling Selectable LED HID Lamp Portfolio offers a cost effective solution for less demanding applications while still maintaining ANSI length and diameter.

Passive Selectable LumenChoice® + SpectraChoice™ LED HID Replacement – Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp.* (Initial)	Wattage Replacement ⁵	CRI	Rated Life L70 (Hrs) ¹	DLC ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED17	E26	93316026	LED/LC/ED17P/7SC/120-347	120-347	3	5.6	2.6	13 19 25*	2,300 3,200 4,000*	3000K 4000K* 5000K	35W HPS / 50W MH 50W HPS / 70W MH 70W HPS / 70W MH	>70	50,000	-	Damp
ED23.5	EX39	93314601	LED/LC/ED23.5P/7SC	120-277	3	7.8	3.7	32 39 46*	5,000 6,300 7,500*	3000K 4000K 5000K*	70W HPS / 150W MH 70W HPS / 150W MH 100W HPS / 175W MH	>70	50,000	S-NDF684	Damp
ED28	EX39	93318804	LED/LC/ED28P/7SC	120-277	3	8.3	4.1	46 58 70*	8,400 10,000 12,000*	3000K 4000K 5000K*	100W HPS / 150W MH 150W HPS / 150W MH 150W HPS / 250W MH	>70	50,000	-	Damp

Warm Selectable LED HID Lamp Portfolio designed for applications that require warmer color temperatures to better replicate High Pressure Sodium for residential neighborhoods or Dark Sky areas.

Warm Selectable LumenChoice® + SpectraChoice™ HID Replacement – Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp.* (Initial)	Wattage Replacement ⁵	CRI	Rated Life L70 (Hrs) ¹	DLC ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED17	E26/ EX39	93315986	LED/LC/ED17/7WSC/120-347	120-347	3	5.4	2.6	21	2,450 3,000 3,300	1800K 2200K 2700K	35W HPS / 50W MH 35W HPS / 50W MH 50W HPS / 50W MH	>70	50,000	-	Damp
								35*	3,950 4,900*	1800K 2200K*	35W HPS / 50W MH 50W HPS / 70W MH				
									5,350 4,900	2700K 1800K	35W HPS / 50W MH 50W HPS / 70W MH				
								45	6,200 6,650	2200K 2700K	70W HPS / 70W MH 70W HPS / 100W MH				

Passive Warm Selectable LumenChoice® + SpectraChoice™ HID Replacement – Type B

Bulb Shape	Base Type	Order Code	Description	Volts	Carton Qty ²	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp.* (Initial)	Wattage Replacement ⁵	CRI	Rated Life L70 (Hrs) ¹	DLC ³	Location Rating ⁴
LED Replacement Lamp for HID - Ballast Bypass (Type B)															
ED17	E26	93318489	LED/LC/ED17P/7WSC/120-347	120-347	3	5.6	2.6	13	1,600 2,000 2,200	1800K 2200K 2700K	35W HPS / 50W MH 35W HPS / 50W MH 35W HPS / 50W MH	>70	50,000	-	Damp
								19	2,200 2,700 3,000	1800K 2200K 2700K	35W HPS / 50W MH 35W HPS / 50W MH 35W HPS / 50W MH				
								25*	2,800 3,400* 3,900	1800K 2200K* 2700K	35W HPS / 50W MH 35W HPS / 50W MH 50W HPS / 70W MH				
								46	6,300 7,600 8,400	1800K 2200K 2700K	70W HPS / 70W MH 70W HPS / 100W MH 100W HPS / 150W MH				

Information provided is subject to change without notice. Please verify all details with Current. All values are design or typical values when measured under laboratory conditions, and Current makes no warranty or guarantee, expressed or implied, that such performance will be obtained under end-use conditions. These products are covered by U.S. Patent 10788163 and 10508776. These products may also be covered by other U.S. patents or pending applications.

¹ The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen output (L70)

² Minimum order quantity from Current = 1

³ E26 based products are not eligible for DLC. Not all product variations on this page are DLC qualified. Visit qpl.designlights.org/solid-state-lighting to confirm qualification.

⁴ Damp Location – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, including partially protected locations. Not suitable for air-tight explosive or hazardous fixtures.

⁵ Wattage Replacement levels correspond with lumen levels. Wattage Replacements based on NEMA Standards Publication LL 10-2020 *Replacing HID Lamps with LED Lamps: Light Output Equivalency Claims*.

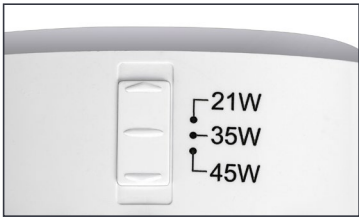
* Default wattage and color temperature settings noted by "*" in tables above.



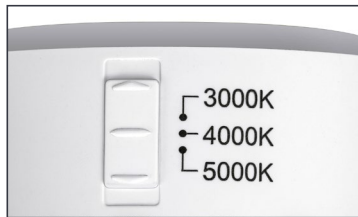
LED HID Replacement Lamps

Current's **LumenChoice® + SpectraChoice™ selectable LED lamps** offer unmatched flexibility in a single lamp, and feature built-in switches to change wattage and color temperature, no tools required.

Active Cooling Selectable ED17



Select wattage (lumens) using built-in switch.



Select color temperature using built-in switch.



Do more with less.

- Reduce Inventory
- Simplify Projects
- Optimize Solutions

Passive Cooling Selectable ED17



Select wattage (lumens) and color temperature using built-in switch



Before: 100W High Pressure Sodium HID Lamps

After: LED HID Warm SpectraChoice™ ED17 Lamp, 45W 2700K

