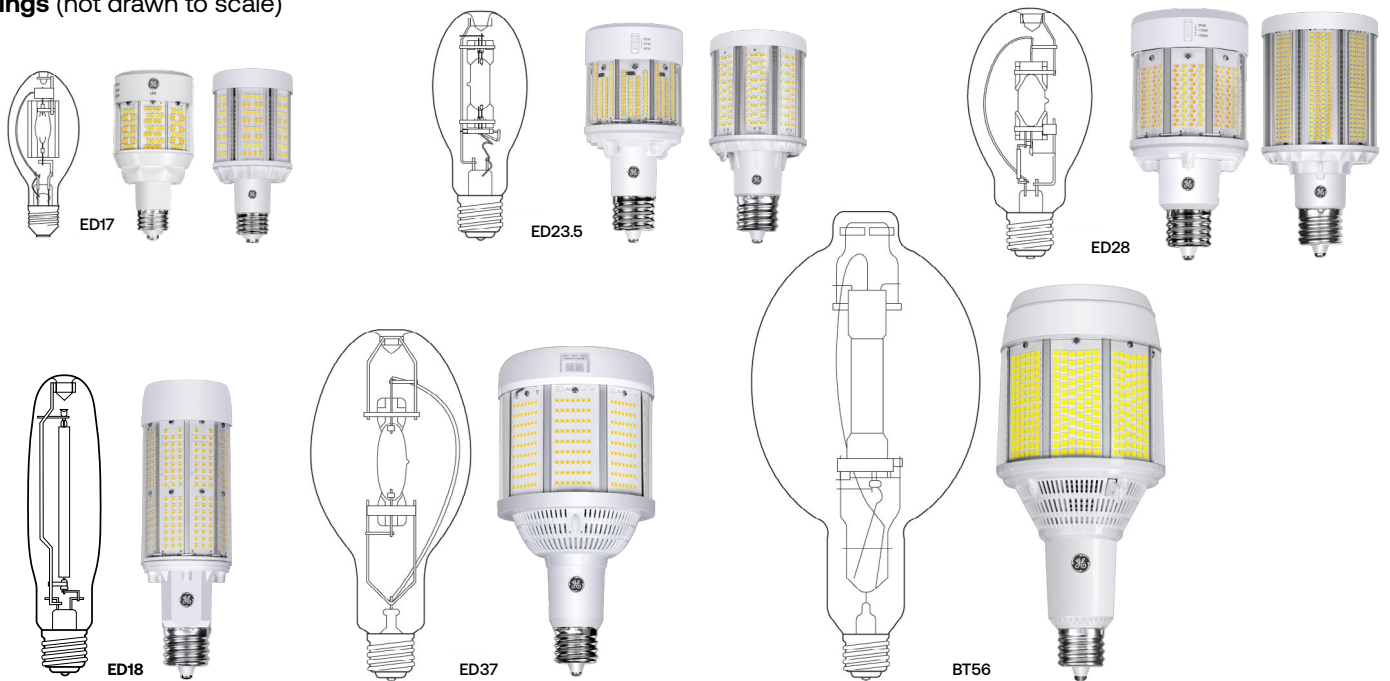


## LED HID Replacement Lamps

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	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) <sup>1</sup>	Selectable Color Temp.* (Initial)	Wattage Replacement <sup>5</sup>	Rated Life L70 (Hrs) <sup>1</sup>	CRI	DLC <sup>3</sup> ID <sup>3</sup>	Location Rating <sup>4</sup>	
<b>LED Replacement Lamp for HID - Ballast Bypass (Type B)</b>																	
ED17	E26/EX39	93303384	801W96	LED/LC/ED17/7SC	120-277	3	5.4	2.6	21	3,400	3000K	50W HPS / 70W MH	>70	50,000		Damp	
				35*					5,500*	4000K*	70W HPS / 100W MH						
				LED/LC/ED17/7SC/120-347	120-347	3	5.4	2.6	45	7,000	5000K	100W HPS / 175W MH					
									21	3,400	3000K	50W HPS / 70W MH					
									35*	5,500*	4000K*	70W HPS / 100W MH					
									45	7,000	5000K	100W HPS / 175W MH					
ED23.5	E26/EX39	93312104	859YF8	LED/LC/ED23.5M/7SC	120-277	3	7.8	3.7	50	8,200	3000K	100W HPS / 150W MH	>70	50,000		Damp	
				65					10,500	4000K	150W HPS / 150W MH						
									80*	12,500*	5000K*	150W HPS / 250W MH					
									50	8,200	3000K	100W HPS / 150W MH					
									65	10,500	4000K	150W HPS / 150W MH					
									80*	12,500*	5000K*	150W HPS / 250W MH			S-4V5NOG	Damp	
EX39	93314766	908YY8	LED/LC/ED23.5/7SC/277-480		277-480	3	7.8	3.7	50	8,200	3000K	100W HPS / 150W MH	>70	50,000		S-Y2WDPN / S-S2HLFY	
									65	10,500	4000K	150W HPS / 150W MH					
									80*	12,500*	5000K*	150W HPS / 250W MH				Damp	
ED28	EX39	93312102	859YF9	LED/LC/ED28/7SC	120-277	3	8.3	4.1	90	14,000	3000K	200W HPS / 250W MH	>70	50,000		S-MB9GRL / S-NMTK94	
				115					18,000	4000K	250W HPS / 350W MH						
									150*	23,500*	5000K*	310W HPS / 400W MH				Damp	
									90	14,000	3000K	200W HPS / 250W MH					
									115	18,000	4000K	250W HPS / 350W MH					
									150*	23,500*	5000K*	310W HPS / 400W MH			S-WWN1WP / S-3WC1C9	Damp	

## Selectable LumenChoice® HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) <sup>1</sup>	Color Temp. (Initial)	Wattage Replacement <sup>5</sup>	Rated Life L70 (Hrs) <sup>1</sup>	CRI	DLC <sup>3</sup> ID <sup>3</sup>	Location Rating <sup>4</sup>	
<b>LED Replacement Lamp for HID - Ballast Bypass (Type B)</b>																	
ED37	EX39	93321818	421YF2	LED/LC/ED37/740/208-277	208-277	3	11.3	5.6	200	35,000	4000K	400W HPS / 400W MH	>70	50,000		S-TQ7WXV	
				325					53,500		750W HPS / 750W MH						
									450*	68,000*		750W HPS / 1000W MH				Damp	
EX39	93311586	859YG0	LED/LC/ED37/740		277-480	3	11.3	5.6	200	35,000	4000K	400W HPS / 400W MH	>70	50,000		S-ZZMLJT	
									325	53,500		750W HPS / 750W MH					
									450*	68,000*		750W HPS / 1000W MH				Damp	
EX39	93321820	421YF1	LED/LC/ED37/750/208-277		208-277	3	11.3	5.6	200	35,000	5000K	400W HPS / 400W MH	>70	50,000		S-T4ZBKH	
									325	53,500		750W HPS / 750W MH					
									450*	68,000*		750W HPS / 1000W MH				Damp	
EX39	93311587	859YG1	LED/LC/ED37/750		277-480	3	11.3	5.6	200	35,000	5000K	400W HPS / 400W MH	>70	50,000		S-25L41Q	
									325	53,500		750W HPS / 750W MH					
									450*	68,000*		750W HPS / 1000W MH				Damp	

## ED18 HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Watts	Lumens (Initial)	Color Temp.	CRI	Wattage Replacement <sup>5</sup>	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3</sup> ID <sup>3</sup>	Location Rating <sup>4</sup>	
<b>LED Replacement Lamp for HID - Ballast Bypass (Type B)</b>																	
ED18	EX39	93320018	421YF5	LED120ED18/730/277-480	277-480	3	9.7	3.0	120	20,000	3000K	>70	250W HPS/360W MH	50,000		S-47FGTZ	
				120					20,000	4000K	>70	250W HPS/360W MH					
				LED120ED18/740/277-480	277-480	3	9.7	3.0	120	20,000	4000K	>70	250W HPS/360W MH	50,000		S-INR1YH	
				LED120ED18/750/277-480	277-480	3	9.7	3.0	120	20,000	5000K	>70	250W HPS/360W MH	50,000		S-MQFM9J	
				LED180ED18/730	120-277	3	9.7	3.0	180	30,000	3000K	>70	400W HPS/400W MH	50,000		S-F26H3J	
				LED180ED18/740	120-277	3	9.7	3.0	180	30,000	4000K	>70	400W HPS/400W MH	50,000		S-WN2HR8	
				LED180ED18/750	120-277	3	9.7	3.0	180	30,000	5000K	>70	400W HPS/400W MH	50,000		S-BG0B87	
				LED180ED18/722/277-480	277-480	3	9.7	3.0	180	26,000	2200K	>70	250W HPS / 360W MH	50,000		-	
				LED180ED18/730/277-480	277-480	3	9.7	3.0	180	30,000	3000K	>70	400W HPS/400W MH	50,000		S-LCDXR9	
				LED180ED18/740/277-480	277-480	3	9.7	3.0	180	30,000	4000K	>70	400W HPS/400W MH	50,000		S-9792TD	
				LED180ED18/750/277-480	277-480	3	9.7	3.0	180	30,000	5000K	>70	400W HPS/400W MH	50,000		S-HYQC7Z	

## High Output BT56 HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Watts	Lumens (Initial)	Color Temp.	CRI	Wattage Replacement <sup>5</sup>	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3</sup> ID <sup>3</sup>	Location Rating <sup>4</sup>	
<b>LED Replacement Lamps for HID - Ballast Bypass (Type B)</b>																	
BT56	EX39	93303389	813Y56	LED470BT56/740	277-480	3	12.8	5.6	470	85,000	4000K	>70	1000W HPS / 1000W MH	50,000		S-E56HRP	
				520					106,000	4000K	>70	1000W HPS / 1500W MH					
				LED520BT56/740/208-277	208-277	3	12.8	5.6	520	106,000	4000K	>70	1000W HPS / 1500W MH	50,000		S-8J5CHR	
				LED520BT56/750/208-277	208-277	3	12.8	5.6	520	106,000	5000K	>70	1000W HPS / 1500W MH	50,000		S-7CHF5W	
				LED520BT56/740/277-480	277-480	3	12.8	5.6	520	106,000	4000K	>70	1000W HPS / 1500W MH	50,000		S-RB19J3	
				LED520BT56/750/277-480	277-480	3	12.8	5.6	520	106,000	5000K	>70	1000W HPS / 1500W MH	50,000		S-MMD144	



# LED HID Replacement Lamps

## Selectable LumenChoice® UXL HID Replacement - Type B

Bulb Shape	Base Type	Order Code	Granger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial)*	Color Temp. (Initial)	Wattage Replacement <sup>5</sup>	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC ID <sup>3</sup>	Location Rating <sup>4</sup>
LED Replacement Lamp for HID - Ballast Bypass (Type B)																
ED28	EX39	93324112	-	LED/LC/ED28/740UXL	120-277	3	8.3	4.1	73	14,000	4000K	200W HPS / 250W MH	>70	50,000	-	Damp
				95					18,000		250W HPS / 350W MH					
				125*					23,500*		310W HPS / 400W MH					
EX39	93324118	-	-	LED/LC/ED28/750UXL	120-277	3	8.3	4.1	73	14,000	5000K	200W HPS / 250W MH	>70	50,000	-	Damp
				95					18,000		250W HPS / 350W MH					
				125*					23,500*		310W HPS / 400W MH					
ED37	EX39	93324104	-	LED/LC/ED37/740UXL	277-480	3	11.3	5.6	210	42,000	4000K	400W HPS / 400W MH	>70	50,000	-	Damp
				270					53,500		750W HPS / 750W MH					
				330*					65,000*		750W HPS / 1000W MH					
EX39	93324106	-	-	LED/LC/ED37/750UXL	277-480	3	11.3	5.6	210	42,000	5000K	400W HPS / 400W MH	>70	50,000	-	Damp
				270					53,500		750W HPS / 750W MH					
				330*					65,000*		750W HPS / 1000W MH					

**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	Granger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial)*	Selectable Color Temp.* (Initial)	Wattage Replacement <sup>5</sup>	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC ID <sup>3</sup>	Location Rating <sup>4</sup>
LED Replacement Lamp for HID - Ballast Bypass (Type B)																
ED17	E26	93316026	421YG2	LED/LC/ED17P/7SC/120-347	120-347	3	5.6	2.6	13	2,300	3000K	35W HPS / 50W MH	>70	50,000	-	Damp
				19					3,200	4000K*	50W HPS / 70W MH					
				25*					4,000*	5000K	70W HPS / 70W MH					
ED23.5	EX39	93314601	908YX3	LED/LC/ED23.5P/7SC	120-277	3	7.8	3.7	32	5,000	3000K	70W HPS / 150W MH	>70	50,000	S-NDF684	Damp
				39					6,300	4000K	70W HPS / 150W MH					
				46*					7,500*	5000K*	100W HPS / 175W MH					
ED28	EX39	93318804	421YG0	LED/LC/ED28P/7SC	120-277	3	8.3	4.1	46	8,400	3000K	100W HPS / 150W MH	>70	50,000	S-CTTCL4 / S-6P5VLS	Damp
				58					10,000	4000K	150W HPS / 150W MH					
				70*					12,000*	5000K*	150W HPS / 250W 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.

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

<sup>2</sup> Minimum order quantity from Current = 1

<sup>3</sup> 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](http://qpl.designlights.org/solid-state-lighting) to confirm qualification.

<sup>4</sup> 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.

<sup>5</sup> 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.



Selectable **LED Lamps**

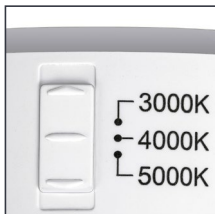
**Do more with less.**

- Reduce Inventory
- Simplify Projects
- Optimize Solutions

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.



Select wattage (lumens) using built-in switch.



Select color temperature using built-in switch.

Active Cooling Selectable ED17



LumenChoice® + SpectraChoice™

Passive Cooling Selectable ED17



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



# LED HID Replacement Lamps

**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	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) <sup>1</sup>	Selectable Color Temp.* (Initial)	Wattage Replacement <sup>5</sup>	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3</sup>	Location Rating <sup>4</sup>
LED Replacement Lamp for HID - Ballast Bypass (Type B)																
ED17	E26/EX39	93315986	908YX4	LED/LC/ED17/7WSC/120-347	120-347	3	5.4	2.6	21	2,450	1800K	35W HPS / 50W MH	>70	50,000	-	Damp
										3,000	2200K	35W HPS / 50W MH				
										3,300	2700K	50W HPS / 50W MH				
										3,950	1800K	35W HPS / 50W MH				
										4,900*	2200K*	50W HPS / 70W MH				
										5,350	2700K	70W HPS / 70W MH				
										4,900	1800K	50W HPS / 70W MH				
									45	6,200	2200K	70W HPS / 70W MH				
										6,650	2700K	70W HPS / 100W MH				

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

Bulb Shape	Base Type	Order Code	Grainger Number	Description	Volts	Carton Qty <sup>2</sup>	MOL (in)	MOD (in)	Selectable Watts*	Selectable Lumens (Initial) <sup>1</sup>	Selectable Color Temp.* (Initial)	Wattage Replacement <sup>5</sup>	CRI	Rated Life L70 (Hrs) <sup>1</sup>	DLC <sup>3</sup>	Location Rating <sup>4</sup>
LED Replacement Lamp for HID - Ballast Bypass (Type B)																
ED17	E26	93318489	421YG1	LED/LC/ED17P/7WSC/120-347	120-347	3	5.6	2.6	13	1,600	1800K	35W HPS / 50W MH	>70	50,000	-	Damp
										4,219F9	2200K	35W HPS / 50W MH				
										2,200	2700K	35W HPS / 50W MH				
										2,200	1800K	35W HPS / 50W MH				
									19	2,700	2200K	35W HPS / 50W MH				
										3,000	2700K	35W HPS / 50W MH				
										2,800	1800K	35W HPS / 50W MH				
									25*	3,400*	2200K*	35W HPS / 50W MH				
										3,900	2700K	50W HPS / 70W MH				
										6,300	1800K	70W HPS / 70W MH				
ED28	EX39	93319614	421YF9	LED/LC/ED28P/7WSC	120-277	3	8.3	4.1	46	7,600	2200K	70W HPS / 100W MH	>70	50,000	-	Damp
										8,400	2700K	100W HPS / 150W MH				
										7,600	1800K	70W HPS / 100W MH				
									58	9,300	2200K	100W HPS / 100W MH				
										10,000	2700K	150W HPS / 150W MH				
										9,000	1800K	100W HPS / 100W MH				
									70*	11,000*	2200K*	150W HPS / 100W MH				
										12,000	2700K	150W HPS / 150W MH				

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

<sup>2</sup> Minimum order quantity from Current = 1

<sup>3</sup> 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](http://qpl.designlights.org/solid-state-lighting) to confirm qualification.

<sup>4</sup> 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.

<sup>5</sup> 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.

