

























Lamp Selection Card  
June 2018














**LUNERA®**

## T8 LED Lamps -- Type A (Ballast Driven)




Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes												
T8 LED 4Ft Linear 	Gen 2	DLC 4.2	Type A (Ballast Driven)	11W	1,800	Bi-pin G13 	Thermal Fuse Protection													
				15W	2,200															
T8 LED 3Ft Linear 	Gen 1	No DLC Category	Type A (Ballast Driven)	11W	1,400				Bi-pin G13 	Thermal Fuse Protection										
T8 LED 2Ft Linear 	Gen 2	DLC 4.2	Type A (Ballast Driven)	8W	1,200							Bi-pin G13 	Thermal Fuse Protection							
T8 LED 22in   6" U-Bend 	Gen 1	DLC 4.2	Type A (Ballast Driven)	12W	1,800										Bi-pin G13 	Thermal Fuse Protection				
				15W	2,200															
T8 LED 22in   1-5/8" U-Bend 	Gen 1		Type A (Ballast Driven)	12W	1,700													Bi-pin G13 	Thermal Fuse Protection	
				17W	2,100															

## T8 LED Lamps -- Type C (External LED Driver)




Lunera LED	DLC Status	Socket	UL Type	Wattage	Max Lumens	Color Temp	Features	Notes										
T8 LED 4Ft 1-Lamp Kit 	No DLC Category	Bi-Pin G13 	Type C (External Driver)	12W	1,800	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-48-12W-82z-G1 Driver: HNPS-T8-U-2x15W-1300-G1										
				15W	2,200			Lamp: HN-T8-EX-48-15W-82z-G1 Driver: HNPS-T8-U-2x18W-1360-G1										
T8 LED 4Ft 2-Lamp Kit 	DLC 4.2		Bi-Pin G13 	Type C (External Driver)	24W		3,600	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-48-12W-82z-G1 Driver: HNPS-T8-U-2x15W-1300-G1								
					30W		4,400			Lamp: HN-T8-EX-48-15W-82z-G1 Driver: HNPS-T8-U-2x18W-1360-G1								
T8 LED 4Ft 3-Lamp Kit 	DLC 4.2			Bi-Pin G13 	Type C (External Driver)		36W		5,400	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-48-12W-82z-G1 Driver: HNPS-T8-U-4x18W-1360-G1						
							45W		6,600			Lamp: HN-T8-EX-48-15W-82z-G1 Driver: HNPS-T8-U-4x15W-1300-G1						
T8 LED 4Ft 4-Lamp Kit 	DLC 4.2				Bi-Pin G13 		Type C (External Driver)		48W		7,200	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-48-12W-82z-G1 Driver: HNPS-T8-U-4x18W-1360-G1				
									60W		8,800			Lamp: HN-T8-EX-48-15W-82z-G1 Driver: HNPS-T8-U-4x15W-1300-G1				
T8 LED 2Ft 2-Lamp Kit 	DLC 4.2						Bi-Pin G13 		Type C (External Driver)		16W		2,400	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-24-8W-82z-G1 Driver: HNPS-T8-U-2x15W-1300-G1		
T8 LED 2Ft 3-Lamp Kit 									Bi-Pin G13 		Type C (External Driver)		24W		3,600	3000K / 3500K / 4000K / 5000K	Dimmable	Lamp: HN-T8-EX-24-8W-82z-G1 Driver: HNPS-T8-U-4x15W-1300-G1
		T8 LED 2Ft 4-Lamp Kit 																Bi-Pin G13 

T8 LED Lamps -- Type B (Ballast Bypassed)									
Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes	
<b>T8 (T12) LED</b> <b>8Ft</b> <b>Linear</b> 	Gen 1		Type B (Double-Ended)	43W	5,500	Single-pin Fa8 		P.E.T. Shatter Guard (standard on 8ft)	
				34W	4,400				
				25W	3,500				
<b>T8 (T12) LED</b> <b>UTT</b> <b>8Ft</b> <b>Linear</b> 	Gen 1		Type B (Double-Ended)	43W	5,500	Double Recessed Contact R17D 	<b>Universal Tombstone Technology</b>	P.E.T. Shatter Guard (standard on 8ft)	
<b>T8 LED</b> <b>UTT</b> <b>4Ft</b> <b>Linear</b> 	Gen 1	DLC 4.2	Type B (Double-Ended)	12W	1,800	Bi-pin G13 	<b>Universal Tombstone Technology</b>	Industry's Highest Efficacy TLED	
				17W	2,200				
<b>T8 LED</b> <b>UTT</b> <b>3Ft</b> <b>Linear</b> 	Gen 1	DLC 4.2	Type B (Double-Ended)	12W	1,400			<b>Universal Tombstone Technology</b>	
<b>T8 LED</b> <b>UTT</b> <b>2Ft</b> <b>Linear</b> 	Gen 2	DLC 4.2	Type B (Double-Ended)	9W	1,200			<b>Universal Tombstone Technology</b>	
<b>T8 LED</b> <b>4Ft</b> <b>Linear</b> 	Gen 1	DLC 4.2	Type B (Single-Ended)	12W	1,800				
<b>T8 LED</b> <b>3Ft</b> <b>Linear</b> 	Gen 1	DLC 4.2	Type B (Single-Ended)	12W	1,400				
<b>T8 LED</b> <b>2Ft</b> <b>Linear</b> 	Gen 1	DLC 4.2	Type B (Single-Ended)	9W	1,150				
<b>T8 LED</b> <b>22in   6"</b> <b>U-Bend</b> 	Gen 1	DLC 4.2	Type B (Ballast Bypassed)	15W	1,800				
				18W	2,200				
<b>T8 LED</b> <b>22in   1-5/8"</b> <b>U-Bend</b> 	Gen 1		Type B (Ballast Bypassed)	15W	1,700				
				18W	2,100				



## T5 LED Lamps -- Type A (Ballast Driven)







Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes
<b>T5HO (T5) LED</b> <b>4Ft</b> <b>Linear</b> 		<b>DLC 4.2</b>	Type A (T5HO Ballast Driven)	25W	3,500		<b>Thermal Fuse Switch</b>	Thermal Fuse is a switch that resets after the event ends
			Type A (T5 Ballast Driven)	11W	1,300			
<b>T5HO LED</b> <b>2Ft</b> <b>Linear</b> 		No DLC Category	Type A (T5HO Ballast Driven)	11W	1,400		<b>Thermal Fuse Switch</b>	Thermal Fuse is a switch that resets after the event ends







## T5 LED Lamps -- Type B (Ballast Bypassed)



Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes
<b>T5HO (T5) LED</b> <b>4Ft</b>  <b>Linear</b> 		<b>DLC 4.2</b>	Type B (Double-Ended)	25W	3,500		<b>Universal Tombstone Technology</b>	



## T5 LED Lamps -- Type C (External LED Driver)

Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Options
<b>T5HO (T5) LED</b> <b>4Ft</b> <b>2-Lamp Kit</b> 	Gen 1	<b>DLC 4.2</b>	Type C (External Driver)	50W	7,000		Dimmable	

CFL LED -- Type A (Ballast Driven)								
Lunera LED	DLC Status	Socket	UL Type	Wattage	Max Lumens	Color Temp	Features	Notes
CFL LED 4-pin G24q 	DLC 4.2	4-pin G24Q 	Type A (Ballast Driven)	11W	1,250	2700K / 3000K / 3500K / 4000K	Horizontal or Vertical	
CFL LED 2-pin G24d 	LDL Listed (No DLC Category)	2-pin G24D 	Type A (Ballast Driven)	13W	1,000	2700K / 3000K / 3500K / 4000K	Horizontal or Vertical	
PLL LED 4-pin G11 	LDL Listed (No DLC Category)	4-pin G11 	Type A (Ballast Driven)	22W	2,600	2700K / 3000K / 3500K / 4000K	Also available as Type B	

CFL LED -- Type B (Ballast Bypassed)								
Lunera LED	DLC Status	Socket	UL Type	Wattage	Max Lumens	Color Temp	Features	Notes
CFL LED* 4-pin G24q 	No DLC Category	4-Pin G24q 	Type B (Ballast Bypassed)	10W	1,200	2700K / 3000K / 3500K / 4000K	Replaces Single Vertical CFL or Single or Dual Horizontal CFL	Adaptors are included with the lamp
20W				2,300				
30W				3,500				
Horizontal Socket Adaptor 4-pin G24q 	This 4-pin socket adaptor converts a horizontal socket into a vertical socket, and enables the vertical lamp to be centered in the fixture opening							
Vertical Socket Extender 4-pin G24q 	This 4-pin socket adaptor extends the length of the vertical lamp apx. 2.25" bringing the lamp lens closer to the fixture opening in fixtures with deep lamp cavities.							
PLL LED 4-pin G11 	LDL Listed (No DLC Category)	4-Pin G11 	Type B (Ballast Bypassed)	23W	2,600	2700K / 3000K / 3500K / 4000K	Also available as Type A	




CFL LED -- Type A/B (Ballast Driven and Ballast Bypassed)								
Lunera LED	DLC Status	Socket	UL Type	Wattage	Max Lumens	Color Temp	Features	Notes
CFL LED 2-pin GX23 	LDL Listed (No DLC Category)	2-Pin GX23 	Type A (Ballast Driven)	5W	580	2700K / 3000K / 3500K / 4000K	Universal Power	
			Type B (Ballast Bypassed)					

FLOODLIGHT LED -- Type B (Ballast Bypassed)								
Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes
90-160° Floodlight Vertical LED E26 		No DLC Category	Type B (Ballast Bypassed)	10W *	1,200	E26 Medium Screw 	90° - 120° Flood or 120°-160° Wide Flood	This lamp can replace: Metal Halide up to 70W Metal Halide PAR 20/30 up to 39W Halogen PAR 30/39 up to 90W Halogen BR 30/40 up to 60W Self-Ballasted CFL up to 105W
				20W *	2,300			
				30W **	3,500			





\* 10W and 20W versions for this lamp do not conform the CA Title 20.

\*\* 30W version is excluded from CA Title 20.

## HID LED Lamps -- Type A (Ballast Driven)

Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes
<b>MH Vertical E39 Mogul 400W - 175W</b> 	Gen 2-S	No DLC Category	Type A (Metal Halide CWA Ballast Driven)	145W	16,300	E39 Mogul Screw	No Fan (Thermal IQ cooling)	
				91W	10,500			
				82W	9,100			
<b>MH Vertical E39 Mogul 400W - 175W</b> 	Gen 2-S	No DLC Category	Type A (Metal Halide CWA Ballast Driven)	145W	14,800	E39 Mogul Screw	180 Degree Lens	
				92W	9,200			
				82W	7,900			
<b>MH Vertical E26 Medium 175W - 70W</b> 	Gen 2-S	No DLC Category	Type A (Metal Halide CWA Ballast Driven)	50W	6,000	E26 Medium Screw	No Fan (Thermal IQ cooling)	
				40W	5,100			
				34W	4,500			

## HID LED Lamps -- Type B (Ballast Bypassed)

Lunera LED	Gen	DLC Status	UL Type	Wattage	Max Lumens	Socket	Features	Notes
<b>HID Vertical E39 Mogul 400W - 70W</b> 	Gen 3	DLC 4.2	Type B (Ballast Bypassed)	207W	21,300	E39/EX39 Mogul Screw		Contact Lunera for a Type A version of this lamp
				164W	17,900			
				95W	9,900			
<b>HID 360° E39 Mogul 250W - 70W</b> 	Gen 3		Type B (Ballast Bypassed)	90W	8,600	E39/EX39 Mogul Screw	360 Degree Lens	Contact Lunera for a Type A version of this lamp
				53W	5,700			
<b>HID Vertical E26 Medium 250W - 100W</b> 	Gen 3	No DLC Category (LDL Listed)	Type B (Ballast Bypassed)	95W	9,900	E26 Medium Screw		Contact Lunera for a Type A version of this lamp
<b>HID 360° E26 Medium 250W - 70W</b> 	Gen 3	No DLC Category	Type B (Ballast Bypassed)	90W	8,600	E26 Medium Screw	360 Degree Lens	Contact Lunera for a Type A version of this lamp
				53W	5,700			

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