

## DesignLights Consortium Listed LED Lamps

DLC 4 Qualified Lunera Products as of June 14, 2017

GENERIC LAMP		LUNERA EQUIVALENT LED LAMP						DLC 4 QUALIFIED
TYPE	WATTAGE	FAMILY	GENERATION	WATTAGE	LUMENS	EFFICACY		
<b>Ballast Driven (UL Type A)</b>								
T8	2Ft Linear	17W	Lunera T8 LED 2FT	Gen 2	8W	1,200lm	150	DLC 4.2
	4Ft Linear	32W	Lunera T8 LED 4FT	Gen 2	11W	1,800lm	164	DLC 4.2
				Gen 2	15W	2,200lm	147	DLC 4.2
22" U-Bend with 6" Gap	32W	Lunera T8 LED U-Bend 6IN	Gen 1	12W	1,800lm	150	DLC 4.2	
			Gen 1	15W/17W	2,200lm	147/129		
T5HO	4Ft Linear	54W	Lunera T5HO LED 4FT	Gen 2	25W	3,500lm	140	DLC 4.2
T5*	4Ft Linear	28W	Lunera T5HO LED 4FT*	Gen 2	11W	1,300lm	118	DLC 4.2
CFL	4-Pin G24Q	26W	Lunera CFL LED G24Q Horizontal	Gen 4	11W	1,445lm	131	DLC 4.2
			Lunera CFL LED G24Q Vertical	Gen 4	11W	1,350lm	123	

<b>Ballast Bypassed (UL Type B)</b>								
T8	2Ft Linear	17W	Lunera T8 LED 2FT (Single Ended)	Gen 1	9W	1,150lm	128	DLC 4.2
			Lunera T8 LED 2FT (Double Ended)	Gen 1	9W	1,200lm	133	DLC 4.2
	4Ft Linear	32W	Lunera T8 LED 4FT (Single Ended)	Gen 1	15W	1,800lm	120	DLC 4.2
			Lunera T8 LED 4FT (Double Ended)	Gen 1	12W/14W	1,800lm	150/129	DLC 4.2
	22" U-Bend with 6" Gap	32W	Lunera T8 LED U-Bend 6IN	Gen 1	15W	1,800lm	120	DLC 4.2
				Gen 1	18W	2,200lm	122	
HID	E39 Mogul Screw	400W	Lunera HID LED Vertical E39	Gen 3	207W	21,300lm	103	DLC 4.2
		320W-250W		Gen 3	164W	17,900lm	109	
		175W-150W		Gen 3	95W	9,900lm	104	
		100W-70W		Gen 3	54W	5,700lm	106	
	250W-150W	175W-70W	Lunera HID LED 360 E39	Gen 3	90W	8,600lm	96	DLC 4.2
				Gen 3	53W	5,700lm	108	
	Hardwired with Clasp Retrofit Kit	400W	Lunera HID LED Vertical Kit	Gen 3	207W	21,300lm	103	DLC 4.2
		320W-250W		Gen 3	164W	17,900lm	109	
	175W-150W		Gen 3	95W	9,900lm	104		

<b>External Driver (UL Type C)</b>								
T8	2Ft Linear	17W	Lunera T8 LED 2FT Two-Lamp Kit	Gen 1	16W	2,400lm	150	4.2 Pending
			Lunera T8 LED 2FT Four-Lamp Kit	Gen 1	24W	4,800lm	200	4.2 Pending
	4Ft Linear	32W	Lunera T8 LED 4FT Two-Lamp Kit	Gen 1	24W	3,600lm	150	DLC 4.2
				Gen 1	30W	4,400lm	147	DLC 4.2
			Lunera T8 LED 4FT Four-Lamp Kit	Gen 1	48W	7,200lm	150	DLC 4.2
				Gen 1	60W	8,800lm	147	DLC 4.2
T5HO	4Ft Linear	54W	Lunera T5HO LED 2FT Two-Lamp Kit	Gen 1	50W	7,000lm	140	DLC 4.2

\* The T5HO LED 4FT can replace a T5 lamp if a T5 ballast is used.

All Lunera LED lamps have applicable UL/cUL, RoHS and FCC certification.

## Lighting Design Labs Listed LED Lamps

LDL Qualified Lunera Products as of May 19, 2017

GENERIC LAMP		LUNERA EQUIVALENT LED LAMP						LDL
TYPE	WATTAGE	FAMILY	GENERATION	WATTAGE	LUMENS	EFFICACY		

### Ballast Driven (UL Type A)

T8	3Ft Linear	30W	Lunera T8 LED 3FT G13	Gen 1	11W	1,400lm	127	Pending
	8Ft Linear	75W-54W	Lunera T8 LED 8FT R17d	Gen 1	42W	5,500lm	131	Pending
			Lunera T8 LED 8FT Fa8	Gen 1	22W	4,400lm	133	Pending
			Lunera T8 LED 8FT Fa8	Gen 1	24W	3,500lm	146	Pending
CFL	2-Pin G24D	26W	Lunera CFL LED G24D	Gen 4	13W	1,000lm	81	LDL 51917
	4-pin G24Q	26W	Lunera CFL LED G24Q	Gen 4	11W	1,445lm	131	LDL 51917
PL-L	4-Pin 2G11	55W	Lunera PLL LED 2G11	Gen 1	22W	2,600lm	118	LDL 51917

### Ballast Bypassed (UL Type B)

T8	3Ft Linear	30W	Lunera T8 LED 3FT (Single-Ended) G13	Gen 1	12W	1,400lm	117	Pending
			Lunera T8 LED 3FT (Double-Ended) G13	Gen 1	12W	1,400lm	117	Pending
	8Ft Linear	75W-54W	Lunera T8 LED 8FT (Single-Ended) Fa8	Gen 1	43W	5,500lm	128	Pending
			Lunera T8 LED 8FT (Double-Ended) R17d	Gen 1	43W	5,500lm	128	Pending
PL-L	4-Pin 2G11	55W	Lunera PLL LED G11	Gen 1	23W	2,600lm	108	LDL 51917
HID	E26 Medium Screw	250W-150W	Lunera HID LED 360 E26	Gen 3	53W	5,700lm	108	LDL 51917
		175W-70W	Lunera HID LED 360 E26	Gen 3	90W	8,600lm	96	LDL 51917
		250W-175W	Lunera HID LED Vertical E26	Gen 3	95W	9,900lm	104	LDL 51917
			Lunera HID LED Vertical Uplight E26	Gen 3				
			Lunera HID LED Vertical Short E26	Gen 3				
			Lunera HID LED Vertical Short Uplight E26	Gen 3				
		150W-70W	Lunera HID LED Vertical E26	Gen 3	54W	5,700lm	106	LDL 51917
			Lunera HID LED Vertical Uplight E26	Gen 3				
			Lunera HID LED Vertical Short E26	Gen 3				
			Lunera HID LED Vertical Short Uplight E26	Gen 3				

All Lunera LED lamps have applicable UL/cUL, RoHS FCC certification and are DLC Listed when a category exists.