

Lighting Design Lab Qualified LED List -- Lamps and Linear Tubes

This list is maintained by the LDL for Puget Sound Energy, Seattle City Light, Snohomish PUD, Tacoma Power, the Energy Trust of Oregon, Bonneville Power Administration, Idaho Power, and Eugene Water and Electric Board.

NOTE: This is an interim qualifying list while products are being reviewed by ENERGY STAR or DLC.

Products will be permanently removed 12 months after "Post Date".

If you don't see a product on this list, check the ENERGY STAR or DLC lists.

All products carry a warranty of 3 years or more. For questions, please contact ledlist@lightingdesignlab.com.



Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Initial Lumen Output	Rated Lumens	R9 Value	Rated CBCP	Dimmable	CRI	Post Date
2' and 4' Linear Replacement (T5)	TGL Inc.	Prem-T5HE-13-4000K	4027 K	17.1	131.5	2,249	2,200	4.64	NA	No	82.1	09/08/17
		Prem-T5HE-13-5000K	4996 K	17.2	135.8	2,336	2,300	2.83	NA	No	81.3	09/08/17
4' Linear Replacement	1 Source LED	TLY-15W-BINS (5000K Frosted)	4862 K	15.3	110.0	1,692	1,650	5.51	NA	No	82.0	09/08/17
	Bonld	BDT84FUA-16WB-BDMF	5006 K	16.4	118.3	1,943	1,920	8	NA	No	83.7	09/08/17
		BDT84FUA-16WB-BWMF	3187 K	16.1	115.3	1,859	1,840	15	NA	No	83.8	09/08/17
	Philips	10T8/48-2700 IF 10/1	2797 K	13.0	107.9	1,403	1,400	5.5	NA	No	82.1	09/08/17
8' Linear Replacement	GE Lighting	LED36T8/G/8/830	3085 K	30.3	139.2	4,215	4,200	13.5	NA	Yes	83.9	05/31/17
		LED36T8/G/8/835	3480 K	30.3	144.6	4,380	4,400	13.3	NA	Yes	84.3	05/31/17
		LED36T8/G/8/850	5111 K	30.2	150.9	4,551	4,400	11.2	NA	Yes	84.6	05/31/17
	Intelligent Energy Optimizers LLC	8'OptieoLED40W	5155 K	38.6	164.6	6,346	6,000	6	NA	No	82.2	09/08/17
CFL Replacement	Aledra LED Lighting	APL-11-A-GU24-30K	3093 K	9.5	119.2	1,132	1,100	5	NA	No	82.5	05/31/17
		APL-11-A-GU24-40K	4149 K	9.6	131.5	1,261	1,100	6	NA	No	83.3	05/31/17
		APL-11-A-GU24-50K	5172 K	9.6	134.4	1,286	1,100	3	NA	No	83.7	05/31/17
		APL-11-D-G23-2-30K	3031 K	9.7	118.9	1,149	1,100	6	NA	No	82.5	05/31/17
		APL-11-D-G23-2-40K	4151 K	9.8	129.0	1,262	1,100	5	NA	No	83.0	05/31/17
		APL-11-D-G23-2-50K	5190 K	9.4	137.5	1,298	1,100	3	NA	No	83.6	05/31/17
		APL-11-D-G24Q-30K	3000 K	9.5	120.2	1,143	1,100	6	NA	No	82.4	05/31/17
		APL-11-D-G24Q-40K	4203 K	9.5	133.7	1,272	1,100	4	NA	No	82.9	05/31/17
		APL-11-D-G24Q-50K	5274 K	9.5	137.0	1,300	1,100	9	NA	No	84.4	05/31/17
		APL-6-A-GU24-30K	3107 K	4.9	130.0	637	600	5	NA	No	82.5	05/31/17
		APL-6-A-GU24-40K	4028 K	4.9	139.5	676	600	3	NA	No	82.8	05/31/17
		APL-6-A-GU24-50K	5034 K	5.0	138.9	696	600	1	NA	No	83.1	05/31/17
		APL-6-D-G24Q-30K	3031 K	4.9	128.4	629	600	8	NA	No	82.8	05/31/17
		APL-6-D-G24Q-40K	4145 K	5.0	139.9	970	600	4	NA	No	82.9	05/31/17
		APL-6-D-G24Q-50K	5080 K	4.9	148.8	723	600	0	NA	No	83.1	05/31/17
		APL-6-D-GX23-2-30K	3035 K	4.9	129.0	626	600	7	NA	No	82.8	05/31/17
		APL-6-D-GX23-2-40K	4079 K	4.9	139.2	683	600	4	NA	No	83.0	05/31/17
	APL-6-D-GX23-2-50K	5166 K	4.6	153.3	711	600	-1	NA	No	82.9	05/31/17	
	EiKO Global, LLC	LED5W2PH/G23/827-G7	2727 K	7.3	68.2	499	475	12	NA	No	83.1	09/08/17
		LED5W2PH/G23/835-G7	3419 K	7.2	73.6	530	475	9	NA	No	83.2	09/08/17
		LED5W2PH/G23/840-G7	3898 K	7.3	75.7	555	500	7	NA	No	82.6	09/08/17
		LED5W2PH/G23/850-G7	4962 K	7.7	74.9	578	500	18	NA	No	85.2	09/08/17
		LED7W2PH/GX23/827-G7	2739 K	12.6	55.7	702	650	12	NA	No	83.1	09/08/17
		LED7W2PH/GX23/835-G7	3380 K	12.0	57.9	696	650	11	NA	No	83.6	09/08/17
		LED7W2PH/GX23/840-G7	3911 K	13.1	58.6	766	700	6	NA	No	82.6	09/08/17
	LED7W2PH/GX23/850-G7	4850 K	13.1	56.5	742	700	14	NA	No	84.5	09/08/17	
	GE Lighting	LED172G11/850/10	5007 K	15.7	145.4	2,276	2,200	12.8	NA	No	84.6	05/31/17

Lighting Design Lab Qualified LED List -- Lamps and Linear Tubes

Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Initial Lumen Output	Rated Lumens	R9 Value	Rated CBCP	Dimmable	CRI	Post Date
CFL Replacement	GREEN CREATIVE	27HID/840/277V/E26	4052 K	28.0	118.5	3,321	3,150	16	NA	No	84.0	09/08/17
		45HID/840/277V/E26	4050 K	44.8	123.0	5,509	5,350	13	NA	No	83.2	09/08/17
		6PLH/835/BYP/E26/R	3505 K	5.8	110.2	634	550	10	NA	No	83.4	05/31/17
		6PLH/835/BYP/GU24/R	3505 K	5.8	110.2	634	550	10	NA	No	83.4	05/31/17
		8T8/3F/835/DIR	3481 K	10.4	117.4	1,221	1,100	8.9	NA	Yes	83.3	05/31/17