

# Lighting Design Lab Qualified LED Fixtures List

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.



Fixture/Lamp Type	Manufacturer	Model Number	Lamp Voltage	CCT	Input Wattage	Efficacy LPW	Initial Lumen Output	Rated Lumens	CRI	R9 Value	Post Date
2' and 4' Linear Replacement (T5)	GREEN CREATIVE	12T5HE/3F/830/DIR	120	2942 K	14.1	107.9	1,517	1,420	83.6	13.0	12/01/16
		12T5HE/3F/835/DIR	120	3490 K	14.0	110.8	1,549	1,420	85.2	20.0	12/01/16
		12T5HE/3F/840/DIR	120	3906 K	14.3	111.0	1,582	1,550	84.3	15.0	12/01/16
		15T5HE/4F/830/DIR	120	2972 K	16.0	106.3	1,702	1,700	83.6	15.0	07/28/16
		15T5HE/4F/835/DIR	120	3474 K	16.6	112.0	1,857	2,000	83.9	13.0	08/23/16
		15T5HE/4F/840/DIR	120	4006 K	15.8	117.0	1,843	1,800	85.1	19.0	09/06/16
		8T5HE/2F/830/DIR	120	2924 K	9.4	103.9	974	950	83.4	11.0	02/23/17
		8T5HE/2F/835/DIR	120	3478 K	9.2	109.2	1,006	950	84.9	19.0	02/23/17
	Philips	16.5PL-LED/24-3000 IF 10/1	120	2956 K	16.5	104.1	2,095	1,900	82.4	8.1	12/21/16
		16.5PL-LED/24-3500 IF 10/1	120	3476 K	16.5	107.4	2,139	2,000	84.2	14.5	12/21/16
		16.5PL-LED/24-4000 IF 10/1	120	3853 K	16.5	111.1	2,262	2,100	83.1	7.5	12/20/16
	Philips Lighting North America Corp	24T5 LED/HO/48-3000 IF 10/1	120	2995 K	27.4	117.6	3,217	3,300	83.1	8.0	05/03/17
Bollards	Leader Manufacturing, Inc.	LEA-LDN-DL9 Retrofit Kit	120	4317 K	10.7	96.2	1,029	1,029	73.2	-5.1	06/14/16
		LEA-LDN-DL9 Retrofit Kit	277	4317 K	11.4	96.2	1,029	1,029	73.2	-5.1	06/14/16
	Noribachi	BOD-RETRO24-[OPTIONAL UPGRADES]	120	5419 K	19.5	90.0	1,759	1,759	67.4	-9.8	05/02/17
Display/Refrigerated Case	Diode LED	DI-24V-AV27-90XX	120	2695 K	18.8	52.3	140	162	95.6	77.1	12/13/16
HID Replacements	Foreverlamp Inc.	GS-400U-VVHO-850	91	5182 K	257.3	91.3	28,520	28,500	83.4	(blank)	01/25/17
	Light Efficient Design	LED-8088E57	277	5703 K	53.5	116.3	6,216	6,215	84.1	9.0	02/23/17
		S9670	120	2746 K	17.6	120.7	2,130	2,070	83.2	11.0	12/01/16
	Satco Products, Inc.	S9671	120	2741 K	22.1	120.8	2,673	2,530	82.9	10.0	12/01/16
		S9672	120	2765 K	36.6	119.0	4,359	4,140	83.1	10.0	12/01/16
	Shenzhen Guanke Technologies Co	GKS28-36W E26 E39	277	3093 K	36.7	132.4	4,859	4,860	81.4	2.0	12/01/16
High-bay/Low-Bay (including Aisle)	Differential Energy Global Ltd.	DEG - HB-CF-325400-MF	110	4626 K	103.7	84.1	8,414	8,414	72.4	-17.7	06/15/16
		DEG - HB-CF-325400-MF	277	4626 K	102.5	84.1	8,414	8,414	72.4	-17.7	06/15/16
		DEG - HB-CF-600750-MF	120	4344 K	228.2	96.2	18,366	18,366	80.5	-9.6	06/15/16
		DEG - HB-CF-600750-MF	277	4344 K	219.5	96.2	18,366	18,366	80.5	-9.6	06/15/16
		DEG-325400 (120V)	120	4639 K	105.1	78.1	8,203	11,114	72.9	-18.7	05/03/17
		DEG-325400 (277V)	277	4639 K	103.1	78.1	8,203	11,114	72.9	-18.7	05/03/17
		DEG-450550 (120V)	120	4632 K	169.8	82.0	14,082	14,881	71.6	-23.0	05/03/17
		DEG-450550 (277V)	277	4632 K	163.7	82.0	14,082	14,881	71.6	-23.0	05/03/17
		DEG-600750 (120V)	120	4342 K	226.9	78.8	17,872	19,568	76.0	-9.4	05/03/17
		DEG-600750 (277V)	277	4342 K	219.0	78.8	17,872	19,568	76.0	-9.4	05/03/17
	Foreverlamp	HB1-54C-24U-840-12	277	3966 K	225.0	111.0	25,040	24,000	85.0	(blank)	05/04/17
		HB1-54C-26U-840-12	277	3994 K	192.0	135.0	26,110	26,000	83.0	(blank)	05/04/17
	Foreverlamp Inc.	HB1-54-20U-840-12-H-A-D	120	3994 K	214.3	104.0	22,314	20,000	83.0	(blank)	12/01/16
		HB1-54-20U-840-12-H-A-D								NA	12/01/16
HB1-54-22D-850-12-H-A-D		120	5084 K	212.2	100.0	21,162	22,000	85.0	20.6	10/14/16	

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Fixture/Lamp Type	Manufacturer	Model Number	Lamp Voltage	CCT	Input Wattage	Efficacy LPW	Initial Lumen Output	Rated Lumens	CRI	R9 Value	Post Date
High-bay/Low-Bay (including Aisle)	Foreverlamp Inc.	HB1-54-24U-850-12-H-A-D	120	4966 K	225.9	114.0	25,680	24,000	83.0	12.6	10/14/16
		HB3-54-37D-850-12-H-A-D	109	5028 K	307.9	114.0	37,042	37,000	85.0	NA	12/01/16
		HB4-54-53D-850-12-H-A-D	277	5203 K	478.0	111.9	53,520	53,000	83.7	(blank)	01/12/17
	LEDTRONICS, INC	HBL004-150W-XPW-201WD	277	5102 K	147.8	113.8	16,822	18,220	85.8	22.0	08/09/16
	Titan LED Inc.	32D-BR-2P-56-9-80	120	5364 K	146.6	93.0	13,597	14,174	75.0	-13.2	12/01/16
Integral Omnidirectional LED > 5 and < 10 watts	TGL Inc.	VINE26-6WG80-270K	120	2689 K	5.3	101.9	543	550	80.8	1.9	01/27/17
Integral Omnidirectional LED <=5 watts	Brilliance LED	CAN FIL EDGE BC 2700 1.5	120	2678 K	1.5	89.0	133	135	90.7	49.0	03/22/17
		CAN FIL EDGE FC 2700 1.5	120	2707 K	1.5	92.3	138	135	90.8	50.0	03/22/17
	Luminance	L7588-2-RF	120	2700 K	1.5	111.1	160	160	84.4	19.0	01/10/17
		TGL Inc.	VINE12-2W-230KA	120	2145 K	1.7	79.1	136	158	80.7	8.5
	VINE12-4W-230KA		120	2104 K	3.2	77.8	246	311	79.3	3.8	01/26/17
	VINE12-4WG165-270K		120	2652 K	3.6	98.3	353	380	80.3	0.2	01/27/17
	VINE12-4WG45-270K		120	2694 K	3.6	93.7	341	380	80.3	0.3	01/27/17
	VINE12-4WT-220KA		120	2071 K	3.7	68.0	249	272	90.0	46.8	01/30/17
	VINE12-4WT-270K		120	2732 K	3.7	100.5	367	320	80.7	1.0	12/13/16
	VINE26-2W-230KA		120	2115 K	1.7	67.1	114	158	80.4	8.0	01/26/17
	VINE26-4WG165-270K		120	2663 K	3.7	96.2	353	380	80.6	1.3	01/27/17
VINE26-4WST45-270K	120		2711 K	3.6	97.2	353	380	80.8	1.9	01/27/17	
TGL Inc.	VINE12-2WT-270K	120	2726 K	1.8	101.1	183	180	81.1	1.7	12/13/16	
Linear Indirect/Direct	Finelite, Inc	HP2-ID-X-H-H-8-35-X-X-X-X-X	277	3545 K	75.3	96.0	5,435	5,436	84.0	16.0	09/28/16
Linear Panels (Troffer)	Certolux	VRIS-3525-2X2A/A-LED840K080LCUNV-P0	120	4059 K	79.5	101.4	8,062	4,000	85.7	(blank)	01/09/17
	GE Lighting Solutions	LISI4B0A2D1840VQCSWHITE	120	4014 K	96.6	111.6	10,781	10,500	83.5	16.1	02/24/17
	Visioneering	SP4202-750X750-LED840K040L347-A1K0V08(120)V24(24-15P)	347	3999 K	36.7	115.5	4,233	4,000	82.6	0.0	08/17/16
Outdoor Pole-Mounted Area and Roadway Luminaires	Atlas Lighting Products	DD42LED5K	120	5086 K	39.2	100.7	3,946	3,946	90.0	46.8	01/30/17
	GE Lighting Solutions	EFNA0FW5401SDKBZ	120	3951 K	145.3	86.0	12,609	14,400	72.3	-18.1	12/01/16
		EFNA0FW5401TDKBZ	120	3951 K	145.3	86.0	12,609	14,400	72.3	-18.1	12/01/16
	Global Tech LED	GTL-AR-TITAN HM-112-HO-SV-GR-NL	277	5269 K	352.2	84.9	29,880	30,000	74.5	0.0	07/29/16
	Hilumz USA	HN15-120	120	5274 K	130.5	96.8	12,639	12,638	71.1	0.0	08/11/16
		HN15-150	240	5189 K	159.7	89.8	14,341	14,340	70.8	0.0	08/11/16
Outdoor Pole-Mounted Area and Roadway Retrofit Kits	Harris Lighting Products	FL113-5000	120	5139 K	113.0	107.3	12,124	12,124	82.7	0.0	06/01/16
		FL56-5000	120	5110 K	56.7	114.9	6,518	6,518	82.6	0.0	06/01/16
	Viribright Lighting Inc. (Matrix Lighting Limited)	P15EU6-5 / 750077	120	5720 K	14.9	93.9	1,402	1,350	94.4	74.0	06/01/16
		P42EU2-5 / 750096	120	2641 K	4.2	91.5	383	380	92.2	38.0	06/01/16
		S42EU4-5 / 750049	120	4005 K	4.1	101.6	421	380	94.2	61.0	06/01/16
		S42EU6-5 / 750050	120	5653 K	4.0	100.4	402	380	93.9	71.0	06/01/16
Outdoor Wall/Ground-Mounted Luminaires	Atlas Lighting Products	WL20LED	120	4617 K	19.5	91.9	1,788	1,788	84.9	23.2	01/30/17
	Tamlite Lighting	TAFLL5000-XX	120	5208 K	31.9	79.6	2,539	2,750	70.2	0.0	09/02/16

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Fixture/Lamp Type	Manufacturer	Model Number	Lamp Voltage	CCT	Input Wattage	Efficacy LPW	Initial Lumen Output	Rated Lumens	CRI	R9 Value	Post Date
Outdoor Wall/Ground-Mounted	Tamlite Lighting	TAFLL5050-XX	120	5215 K	51.0	73.3	3,740	3,800	70.6	0.0	09/02/16
Outdoor Wall/Ground-Mounted Retrofit Kits	Viribright Lighting Inc. (Matrix Lighting Limited)	P15EU2-5 / 750075	120	2741 K	14.9	82.6	1,232	1,200	91.9	37.0	06/01/16
		P15EU4-5 / 750076	120	4028 K	15.0	93.7	1,405	1,350	94.0	55.0	06/01/16
		P42EU4-5 / 750097	120	3998 K	4.1	100.1	413	380	94.1	60.0	06/01/16
		S42EU2-5 / 750048	120	2662 K	4.1	91.2	371	370	92.5	40.0	06/01/16
Wall Wash Luminaires	Corelite	DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-WA-4L35-1D-UNV-SU-WA-8-STD (120V)	120	3368 K	36.1	104.8	3,784	3,785	80.0	0.0	09/01/16
		DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-WA-4L35-1D-UNV-SU-WA-8-STD (277V)	277	3368 K	36.1	104.8	3,784	3,785	80.0	0.0	09/01/16
		DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-WA-4L35-1D-UNV-SU-WA-8-STD (120V)	120	3368 K	36.1	104.8	3,784	3,785	80.0	0.0	09/01/16
		DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-WA-4L35-1D-UNV-SU-WA-8-STD (277V)	277	3368 K	36.1	104.8	3,784	3,785	80.0	0.0	09/01/16