

# 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](mailto: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
	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	
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
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
Display/Refrigerated Case/Sign Lighting	DEI Technology	DB E2455-40TR-50H	120	5400 K	26.1	79.6	2,080	2,080	84.1	0.0	04/19/16
HID Replacements	Satco Products, Inc.	S9670	120	2746 K	17.6	120.7	2,130	2,070	83.2	11.0	12/01/16
		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)	Deco Lighting	D980-LED-120W	120	5230 K	120.1	94.3	11,326	5,310	71.1	-26.3	04/19/16
		D980-LED-80W	120	5230 K	80.1	94.3	7,550	5,310	70.1	-26.3	04/19/16
	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
	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
		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 watts	Luminance	L7588-2-RF	120	2700 K	1.5	111.1	160	160	84.4	19.0	01/10/17
	TGL Inc.	VINE12-4WT-270K	120	2732 K	3.7	100.5	367	320	80.7	1.0	12/13/16
	TGL Inc.	VINE12-2WT-270K	120	2726 K	1.8	101.1	183	180	81.1	1.7	12/13/16

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<b>Linear Indirect/Direct</b>	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
<b>Linear Luminaires (Direct/Indirect)</b>	Deco Lighting	RCTR-LED-4-35W	120	3953 K	34.1	101.0	3,408	3,561	82.7	15.1	02/09/16
		RCTR-LED-4-45W	120	3953 K	45.1	101.0	4,531	4,450	82.7	15.1	02/09/16
		RCTR-LED-4-60W	120	3953 K	58.1	155.5	4,531	5,933	82.7	15.1	02/10/16
<b>Linear Panels (Troffer)</b>	BJ Take Inc.	BRL-B-4'-4L-840-UNV	120	4000 K	35.5	87.9	3,124	3,100	85.0	19.9	02/09/16
	Certolux	VRIS-3525-2X2A/A-LED840K080LCUNV-P00	120	4059 K	79.5	101.4	8,062	4,000	85.7	(blank)	01/09/17
	Kurtzon Lighting	WL-G-X-1X4-2/LEDR40-UNV (WL=EL) (X =3,4, or 5)	120	4083 K	76.6	85.7	6,568	6,598	83.0	21.7	04/19/16
	Selex Corporation	L10 1A35 40 LW xx xx xx UNV DM	120	3950 K	34.3	84.4	2,896	725	83.9	0.0	04/01/16
	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
<b>Outdoor Pole-Mounted Area and Roadway Luminaires</b>	Deco Lighting	DBM-LED-120W	120	5114 K	111.1	92.0	10,172	11,040	69.4	-20.2	03/16/16
		DBM-LED-20W	120	5114 K	19.1	88.6	1,692	2,760	69.1	-20.2	03/16/16
		DBM-LED-30W	120	5114 K	28.1	90.4	2,540	2,760	69.1	-20.2	03/16/16
		DBM-LED-40W	120	5114 K	38.1	88.8	3,383	3,680	69.1	-20.2	03/16/16
		DBM-LED-80W	120	5114 K	78.1	86.6	6,765	7,360	69.1	-20.2	03/16/16
	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
HN15-80		120	5100 K	90.4	107.4	9,706	9,700	70.0	0.0	08/11/16	
<b>Outdoor Pole-Mounted Area and Roadway Retrofit Kits</b>	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
<b>Outdoor Wall/Ground-Mounted Luminaires</b>	Deco Lighting	D220-LED-20W	120	5514 K	18.6	88.2	3,524	4,000	67.8	-25.7	03/16/16
		D220-LED-30W	120	5514 K	32.6	88.2	2,548	3,000	67.8	-25.7	03/16/16
		D220-LED-40W	120	5514 K	38.6	88.2	3,408	4,000	67.8	-25.7	03/16/16
		D402-LED-20W	120	5430 K	18.2	83.1	1,584	1,660	68.9	-18.7	03/16/16
		D402-LED-30W	120	5430 K	28.2	83.1	2,376	2,490	68.9	-18.7	03/16/16
		D404-LED-100W	120	5230 K	97.4	82.8	7,903	8,200	67.0	-26.3	04/07/16
		D404-LED-60W	120	5230 K	57.4	82.8	4,747	4,920	67.0	-26.3	04/07/16
		D405-LED-10W	120	5430 K	8.2	97.1	792	820	68.9	-18.7	03/16/16
		D405-LED-15W	120	5430 K	14.2	83.9	1,188	1,230	68.9	-18.7	03/16/16
		D405-LED-20W	120	5430 K	18.2	83.1	1,584	1,640	68.9	-18.7	03/16/16
		D406-LED-40W	120	5430 K	38.2	83.1	3,170	3,280	68.9	-18.7	04/07/16
		D410-LED-10W	120	5430 K	8.2	97.1	792	820	68.9	-18.7	03/16/16
		D410-LED-15W	120	5430 K	14.2	83.9	1,188	1,230	68.9	-18.7	03/16/16
		D410-LED-20W	120	5430 K	18.2	83.1	1,584	1,640	68.9	-18.7	03/16/16
		D457-LED-120W	120	5230 K	117.4	82.8	9,488	9,490	67.0	-26.3	04/07/16

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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	Deco Lighting	D821-LED-120W	120	5662 K	126.9	70.7	8,976	9,600	69.4	-17.8	04/07/16
		D821-LED-20W	120	5502 K	21.2	72.7	1,496	1,600	68.9	-20.6	04/07/16
		D821-LED-30W	120	5502 K	31.7	70.7	2,244	1,600	68.9	-20.6	04/07/16
		D821-LED-40W	120	5502 K	42.3	70.7	2,992	3,200	68.9	-20.6	04/07/16
		D821-LED-60W	120	5502 K	63.5	72.9	4,620	4,300	68.9	-20.6	04/07/16
		DVTL-LED-10-50-UNV	120	5430 K	10.7	91.4	978	950	68.9	-18.7	02/10/16
		DVTL-LED-20-50-UNV	120	5315 K	18.2	91.4	1,955	1,900	68.9	-18.7	02/10/16
		DVTL-LED-30-50-UNV	120	5430 K	32.1	91.4	2,933	2,900	68.9	-18.7	02/10/16
	KMW, Inc.	WP075-A50	120	5171 K	75.8	115.7	8,773	9,375	84.2	25.7	04/01/16
		WP075-A50	277	5171 K	73.5	115.7	8,773	9,375	84.2	25.7	04/01/16
		WP100-A50	120	5215 K	111.9	116.4	13,030	12,500	83.3	18.6	04/01/16
		WP100-A50	277	5215 K	107.0	116.4	13,030	12,500	83.3	18.6	04/01/16
	Maxlite	SECA15U50BPC12	120	5173 K	15.1	91.0	1,364	1,450	83.3	0.0	02/09/16
		SECA15U50BPC12	277	5173 K	15.6	91.0	1,364	1,450	83.3	0.0	02/09/16
Tamlite Lighting	TAFLL5000-XX	120	5208 K	31.9	79.6	2,539	2,750	70.2	0.0	09/02/16	
	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	Harris Lighting Products	FL21-5000	120	4902 K	21.5	113.2	2,435	2,400	82.7	0.0	04/11/16
		FL37-5000	120	4915 K	37.2	109.6	4,083	4,000	78.8	0.0	04/07/16
	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
Parking Garage/Canopy Fixtures	Deco Lighting	D530-LED2050BZ	120	5370 K	19.4	92.1	1,778	2,000	70.9	-12.8	04/19/16
		D530-LED-30W	120	5370 K	29.6	90.0	2,667	2,000	70.5	-12.8	04/19/16
	Intelligent Energy Optimizers LLC	OptieoLED 600W Flood	120	5132 K	577.7	101.3	5,852	63,000	77.8	8.0	03/08/16
Recessed, Surface and Pendant-Mounted Downlights	Luminis	AR148-L1W65	120	4135 K	58.5	106.1	6,207	6,207	81.0	0.0	03/09/16
Stairway and Passageway	Maxlite	MLVPC14LED50CP	120	5234 K	13.4	83.6	1,123	1,120	65.5	0.0	02/25/16
		MLVPC14LED50CP	277	5234 K	14.1	83.6	1,123	1,120	65.5	0.0	02/25/16
		MLVPW14LED50CP	120	5234 K	13.4	83.6	1,123	1,120	65.5	0.0	02/25/16
		MLVPW14LED50CP	277	5234 K	14.1	83.6	1,123	1,120	65.5	0.0	02/25/16
Track or Mono-point Directional Fixtures	Amerlux, LLC	C3M	120	3000 K	21.0	87.6	1,817	1,850	83.0	11.0	03/09/16
Wall Wash Luminaires	Corelite	DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-	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 (120V)									09/01/16
		DWI-WA-4L35-1D-UNV-SU-WA-4-STD, DWI-	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 (277V)									09/01/16
	Finelite, Inc	HPW-LED-FR-4000K-120v-X-X	120	4221 K	37.5	82.3	3,087	3,070	84.0	16.0	03/15/16