

Lighting Design Lab Qualified LED List -- Lamps

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.

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Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Rated Lumens	Rated CBCP	Dimmable	CRI	Post Date
A19	Duracell LED Lighting	DL-A19B-27K-WH	2700 K	8.5	52.0	440	NA	Yes	84.0	01/31/12
		DL-A19B-30K-WH	3000K	8.5	58.9	500	NA	Yes	82.0	01/31/12
	ETI	529933	3000K	4.6	64.1	320	NA	No	85.1	05/17/12
		520163	3000K	8.5	70.1	600	NA	No	80.0	04/17/12
		520132/A19/7.5W/470lms	3000K	8.1	64.8	470	NA	No	84.8	04/03/12
	Feit	A19800/OMNI/LED	3000K	13.4	63.4	800	(blank)	Yes	80.4	01/03/12
		DIM19/LED	3000K	7.6	62.7	450	(blank)	Yes	81.8	12/12/11
		A15/LED/150	3000K	2.3	70.3	150	NA	Yes	81.3	12/14/11
		A15/CL/LED/150	3000K	2.3	74.3	150	NA	Yes	81.3	12/15/11
	Green Creative	02-501D/830	3000K	7.8	67.9	500	NA	Yes	80.3	03/01/12
		02-501-D/827	4000 K	8.0	64.5	550	NA	Yes	80.3	07/16/12
	LEDnovation	LEDH-A19-75-1-27D-I	2700 K	7.9	102.0	810	NA	Yes	93.2	07/16/12
		LEDH-A19-60-1-27D-IO	2700 K	9.4	86.6	810	NA	Yes	93.8	07/16/12
	Light Emission Technology	A19-E211-DC-2700-120D	2700 K	7.3	57.8	485	NA	Yes	80.5	02/08/12
	Light Emitting Designs	LED-1010	2700 K	6.4	61.6	420	NA	Yes	85.3	09/27/11
	Lighting Science Group	DFN A19 W27 V2 120	2700 K	13.7	60.0	800	NA	Yes	85.0	12/02/11
		DFN-A19-W27-V1-120	2700 K	8.8	52.7	450	NA	Yes	80.0	06/06/12
	MaxLite	SKB7.5LED27(B) [71153]	2700 K	7.7	60.3	450	NA	No	84.2	04/16/12
	Philips	8A19/END/2700-470 DIM	2700 K	8.1	60.2	470	0	Yes	81.9	10/20/11
		9290002097 (L-Prize)	2700 K	9.8	98.1	940	NA	Available	92.7	01/27/12
	Spectra	ALVA-40A19E26-30WW	2700 K	7.5	64.5	480	NA	Yes	81.0	01/06/12
	Sylvania	LED13.5A/DIM/O/F/827	2700 K	13.4	55.9	800	NA	Yes	83.0	10/31/11
		LED14A19/DIM/O/827	2700 K	15.4	74.2	1100	NA	Yes	80.6	03/02/12
		LED12A19/DIM/O/827	2700 K	11.3	79.2	810	NA	Yes	81.1	03/14/12
		LED8A19/DIM/O/827	2700 K	7.9	73.3	470	NA	Yes	81.0	03/08/12
	TCP	LED8E26A1930K	3000K	8.1	69.0	(blank)	(blank)	(blank)	82.0	09/01/11
	Viribright by Matrix	73548/65-98EUS/C	4000 K	9.7	97.9	900	NA	Yes	82.7	06/20/12
		73549/65-98EUS/D	6000 K	9.8	92.8	900	NA	Yes	84.0	06/20/12
		73422/65-08EUS/W	2800 K	7.4	71.9	500	NA	Yes	80.5	05/22/12
		73423/65-08EUS/C	4000 K	8.1	77.1	600	NA	Yes	82.4	05/22/12
		73421/65-08EUS/D	6000 K	7.2	87.7	600	NA	Yes	83.9	05/22/12
		73098/65-05EUS/W	2800 K	4.9	69.5	350	NA	Yes	83.3	05/22/12
73113/65-05EUS/C		4000 K	5.0	82.2	420	NA	No	82.9	05/22/12	
73099/65-05EUS/D		6000 K	5.0	84.0	420	NA	No	82.9	05/22/12	
BA	Green Creative	01-701-D/827	2700 K	3.4	41.0	130	NA	Yes	84.0	07/16/12
	KolourOne/Satco	S8968 2 watt BA15S OMNI LANDSCAPE	3000K	1.9	46.0	100	NA	Yes	82.7	04/09/12
BR30	Feit	BR30/LED	2700 K	12.5	60.2	750	235	Yes	80.0	06/12/12
	Green Creative	02-505-D/827	2700 K	12.0	65.9	750	NA	Yes	81.0	06/28/12
	Green Creative	01-702-D/827	2700 K	14.5	63.9	850	40	Yes	81.3	04/16/12
	Halco	BR30/15WW/FL/LED	3000	13.8	63.8	750	NA	Yes	83.0	08/07/12
	Philips	13BR30/END/F60/3000 DIM	3000K	12.7	49.9	650	520	Yes	80.7	10/20/11
	Sylvania	LED15BR30/DIM/827	2700 K	13.9	55.5	770	NA	Yes	80.0	10/19/11
	TCP	LED11E26BR3027K	2700 K	11.7	60.8	650	NA	Yes	82.0	01/26/12
		LED11E26BR3041K	4100 K	11.6	65.5	700	NA	Yes	87.0	01/26/12
LED14E26BR3027K		2700 K	14.1	63.2	850	NA	Yes	82.0	01/31/12	

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Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Rated Lumens	Rated CBCP	Dimmable	CRI	Post Date
BR38	TCP	LBR401427K	2700 K	14.0	65.9	NA	NA	(blank)	82.0	07/11/12
BR40	Feit	BR40/LED	2700 K	16.6	65.3	1000	304	Yes	80.0	06/12/12
	Green Creative	02-506-D/827	2700 K	16.2	70.9	10000	NA	Yes	80.5	06/28/12
	Sylvania	LED18BR40/DM/827	2700 K	17.5	60.9	870	NA	Yes	81.7	05/15/12
Candle	Feit	CFC/DIM/LED	3000K	3.3	40.7	130	NA	Yes	82.8	12/12/11
		CFC/LED/150	3000K	2.3	70.7	150	NA	Yes	82.0	12/12/11
		EFC/DIM/LED	3000K	3.2	42.5	130	NA	Yes	82.9	12/12/11
		EFC/LED/150	3000K	2.3	71.4	150	NA	Yes	81.9	12/14/11
	Light Emission Technology	E251DC-4W-2700K	2700 K	4.1	47.1	180	648.3	Yes	81.6	03/16/12
		E251DC-4W-3000K	3000K	4.2	46.5	180	587.5	Yes	80.1	03/16/12
	Philips	4B12/END/2700-150 E26 DIM 10/1	2700 K	3.1	49.9	150	NA	Yes	91.6	10/11/11
		3BA11END/CL/2700K 130 DM 8/1	2700 K	3.0	42.4	136	NA	Yes	91.9	10/10/11
		4BA12/END/2700-150 E26 DIM 10/1	2700 K	3.1	51.3	150	NA	Yes	91.4	10/11/11
		3B11END/CL/2700K 130 DIM 8/1	2700 K	3.0	42.2	136	NA	Yes	90.7	10/10/11
		4F15/END/2700-150 E26 DIM 10/1	2700 K	3.1	52.5	150	NA	Yes	91.8	10/11/11
4BA9.5/END/2700-150E12 DIM 10/1		2700 K	3.1	49.9	150	NA	Yes	91.7	10/10/11	
4B11/END/2700-150E12 DIM 10/1		2700 K	3.2	49.9	150	NA	Yes	91.5	10/10/11	
G25	Sylvania	LED8G25/DIM/827	2700 K	8.1	52.4	420	NA	No	85.9	09/01/11
		LED8G25/DIM/F/830	3000K	8.4	52.1	450	NA	Yes	85.4	09/01/11
Globe	ETI	G30 10 WATT 500 lumen	3000K	8.8	58.6	500	83	Yes	84.4	07/16/12
		529976 G16.5 3.5 watt 200 lumen	3000K	3.8	54.9	200	30.3	No	81.2	07/16/12
	Feit	BPG161/2/CL/LED/150	3000K	2.3	72.8	150	NA	Yes	81.5	12/12/11
		G25/DIM/LED	3000K	9.8	45.2	420	NA	Yes	80.9	12/12/11
	Halco	G25/8WW/LED	3000	7.8	68.5	430	NA	Yes	80.8	08/07/12
Miniature Bi-Pin	KolourOne/Satco	S8969 G4 2 watt 12 V LED OMNI	3000K	1.8	46.5	110	NA	No	83.2	04/12/12
MR16	Aeco Life Co	AL-M01B-27	2700 K	4.3	52.2	225	NA	No	82.1	03/12/12
	Aledra	MR16-2W3-25-40K-12V	4000 K	5.3	50.3	267	NA	No	82.3	01/11/12
		MR16-2W3-25-30K-12V	3000K	5.2	50.6	260	NA	No	82.5	12/21/11
	Bulbrite Industries	LED6MR16WW/NF	3000K	5.1	52.8	265	1195	No	82.0	11/15/11
	CRS Electronics	CMR16H30NF	3000K	6.9	68.4	470	1666	Yes	86.4	02/22/12
		CMR16H30FL	3000K	7.1	63.7	470	927	Yes	87.1	02/22/12
		CMR16H30SP	3000K	7.4	68.6	470	4103	Yes	86.8	02/22/12
	Eco-story	LED6MR16/NFL/30K	3000K	6.0	53.7	320	977	Available	82.2	12/06/11
	ETI	530192/7W/MR16	3000K	6.8	47.2	340	NA	No	82.0	04/03/12
	Green Creative	01-602/830-38D	(blank)	3.3	54.0	190	350	Yes	82.0	07/28/11
		01-703-D/830-36D	3000K	6.4	57.7	350	870	Yes	82.2	03/01/12
01-703-D/827-36D		2700 K	6.5	52.9	330	820	Yes	81.5	03/01/12	
01-707-D/827-36D		2700 K	6.3	51.4	330	820	Yes	81.1	06/27/12	

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MR16	LEDirect	LED6MR16/NFL/30K	3000K	6.0	53.7	320	977	No	82.2	07/11/12	
		LED6MR16/NFL/27K	2700 K	5.8	51.2	300	992	No	83.6	07/11/12	
	Light Emission Technology	E951DF-3200-40D	3500 K	4.0	59.7	230	768.4	Yes	80.7	11/30/11	
		E951-3200-25D	3500 K	4.2	54.4	230	725.1	Yes	80.7	11/30/11	
		E951DF-3000-25D	3000K	3.7	53.4	230	623.9	Yes	82.0	11/29/11	
		E951DF-2800-25D	3000K	4.0	55.1	230	701.5	Yes	81.0	11/29/11	
		E951DF-1204W440B	3000K	4.1	54.8	230	749.1	Yes	81.7	10/04/11	
	Lighting Science Group	DFN-16-WW-FL-GU10-120	3000K	5.0	63.2	325	450	No	84.0	11/15/11	
	MSI	IMR1627320N	2700 K	4.5	69.2	300	775	No	84.4	02/15/12	
	Philips	7MR16/END/F36 2700	2700 K	7.8	46.1	335	820	Yes	85.6	07/28/11	
		10MR16/END/F36 2700	2700 K	9.9	44.2	440	1050	Yes	85.9	07/28/11	
		46677410018	2700 K	3.1	61.5	165	570	Yes	91.4	11/10/11	
		46677410025	2700 K	6.9	51.4	360	1470	(blank)	84.8	07/28/11	
		46677410056	2700 K	10.0	44.9	450	1881	Yes	84.6	07/28/11	
		46677410063	3000K	10.0	49.9	480	2000	(blank)	83.9	07/28/11	
		7MR16/END/S15/2700	2700 K	7.5	43.3	(blank)	(blank)	(blank)	81.9	08/25/11	
		7MR16/END/S15/3000 DM	3000K	7.5	45.3	(blank)	(blank)	(blank)	81.4	08/25/11	
		7MR16/END/F24/2700 12V DM	2700 K	7.3	50.0	360	1450	(blank)	83.8	08/25/11	
		7MR16/END/F24/3000 12V DM	3000K	7.3	53.9	(blank)	(blank)	(blank)	83.3	08/25/11	
		7MR16/END/F24/4000 12V DM	4000 K	7.4	47.2	(blank)	(blank)	(blank)	86.1	09/07/11	
		7MR16/END/F36/2700 12V DM	2700 K	7.3	48.1	(blank)	(blank)	(blank)	85.1	09/06/11	
		7MR16/END/F36/3000 12V DM	3000K	7.3	53.0	(blank)	(blank)	(blank)	83.5	09/06/11	
		7MR16/END/F36/4000 12V DM	4000 K	7.5	46.1	(blank)	(blank)	(blank)	85.9	09/06/11	
		10MR16/END/S15/3000 DM 10/1	3000K	10.5	41.1	435	3560	Yes	81.3	12/05/11	
		10MR16/END/F24/2700 12VDM	2700 K	10.5	42.2	(blank)	(blank)	(blank)	84.6	09/01/11	
		10MR16/END/F24/3000 12VDM	3000K	10.1	48.6	(blank)	(blank)	(blank)	83.2	09/01/11	
		10MR16/END/F24/4000 12V DM	4000 K	10.3	42.2	(blank)	(blank)	(blank)	85.8	09/01/11	
		10MR16/END/F36/3000 DM 10/1	3000K	10.4	45.0	455	1090	Yes	83.5	12/05/11	
		10MR16/END/F36/4000 DM 10/1	4000 K	10.4	40.8	410	1020	Yes	85.8	12/05/11	
	SORAA	MR16-36-B01-12-827-25-O	2700 K	10.0	40.5	400	1650	Yes	80.4	08/03/12	
	Sylvania	LED6MR16/DIM/827/FL36	2700 K	5.4	42.0	240	440	No	88.0	09/01/11	
		LED6MR16/DIM/827/NFL25	2700 K	5.6	43.0	240	790	Yes	85.7	09/01/11	
		LED6MR16/DIM/830/FL36	3000K	6.2	45.9	300	590	(blank)	85.0	09/01/11	
		LED6MR16/DIM/830/NFL25	3000K	5.9	45.6	300	860	(blank)	87.2	09/01/11	
	TCP	LE2W1383	3000K	2.0	51.9	100	34.1	No	84.0	09/30/11	
		LE2WGBF	3000K	1.7	49.6	80	39.2	No	81.0	11/09/11	
	Toshiba	7MR16/827FL35	2700 K	7.0	41.6	300	700	Yes	80.8	04/17/12	
		LDRB0730MU1USD	3000K	6.3	40.6	280	1100	Yes	82.7	11/10/11	
	PAR16	Sylvania	LED5.5PAR16/830/NFL25	3000K	5.4	59.2	(blank)	(blank)	(blank)	83.7	09/21/11
			LED10PAR16/DIM/830/FL35	3000K	9.5	51.4	500	1200	Yes	82.0	05/08/12
		Viribright by Matrix	73387/50-45DEUSS/C	4000 K	4.0	55.6	220	155.3	Yes	84.8	06/12/12
			73386/50-45DEUSS/W	2800 K	4.9	56.4	220	156.5	Yes	80.6	06/12/12
	PAR16 (GU10)	Sylvania	LED5.5PAR16/GU10/830/NFL25	3000K	5.4	62.9	(blank)	(blank)	(blank)	84.0	09/21/11
			LED10PAR16/GU10/DIM/830/FL35	3000K	10.0	50.3	500	1200	Yes	82.0	05/08/12
		Viribright by Matrix	73390/50-45DGUSS/C	4000 K	4.0	55.6	220	155.3	Yes	84.8	06/12/12
			73389/50-45DGUSS/W	2800 K	4.1	56.4	220	156.5	Yes	80.6	06/12/12
			73388/50-45DGUSS/D	6000 K	4.2	53.0	220	155.3	Yes	89.8	06/12/12

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PAR20	Bulbrite Industries	LED5PAR20WW/FL/D	3000K	5.6	46.6	260	388	Yes	82.2	11/17/11	
		LED5PAR20WW/NF/D	3000K	5.5	49.8	260	964	Yes	80.4	11/17/11	
	Duracell LED Lighting	DL P20G 25 WH	2700 K	9.1	43.5	435	NA	Yes	81.3	07/20/11	
	Eco-story	ECOX-PAR-20-DIM-9-WW-25	2700 K	8.9	50.2	432	1862	Yes	84.0	07/29/11	
	ETI	520253/PAR20/6.5W/285lms	3000K	6.5	44.0	285	1441	No	83.7	06/28/12	
	Green Creative	01-704-D/830-40D	3000K	7.4	49.6	350	538.7	Yes	86.4	03/16/12	
		01-704-D/830-25D	3000K	7.4	47.8	335	1321	Yes	85.9	03/16/12	
		01-704-D/827-40D	2700 K	7.5	44.5	315	540	Yes	86.3	05/08/12	
	Halco	PAR20/8WW/NFL/LED	3000	7.9	53.4	380	930	Yes	84.3	08/07/12	
	KolourOne/Satco	S8957 7 watt LED Par 20 40 degree									
		S8956 7 watt LED Par 20 40 degree	3500 K	7.0	41.7	320	488	Yes	82.1	04/06/12	
	Light Efficient Design	LED-1715	5700 K	7.4	63.0	500	NA	Yes	81.8	05/29/12	
	Light Emission Technology	E910DC0107W440B	3000K	7.1	43.1	330	1.101	Yes	81.8	10/04/11	
		E910DC0107W325	3000K	5.6	46.9	280	894.9	Yes	81.1	11/01/11	
		E910DC0107W340	3000K	5.7	45.3	280	849.5	Yes	81.1	11/02/11	
		E910-2800-40D	3000K	5.7	45.3	280	849.5	Yes	81.1	11/02/11	
		E910-3400K-40D	3500 K	6.6	42.7	330	NA	No	80.3	02/08/12	
		E910-3200K-40D	3000K	6.8	48.3	330	1.04	Yes	81.3	02/08/12	
	Light Emitting Designs	LED-1714	2700 K	7.4	58.5	450	NA	Yes	85.3	09/29/11	
	MaxLite	SKR2006FLDLED27 [71742]	2700 K	6.2	51.9	315	643	Yes	85.3	08/03/12	
		SKR2006SPDLED27 [71743]	2700 K	6.2	49.9	300	1061	Yes	86.0	08/03/12	
		SKR2006DLED30 [71161]	3000K	6.5	52.7	380	674	Yes	81.1	04/16/12	
	Philips	7PAR20/END/F22 4000 DM	4000 K	7.1	40.0	(blank)	(blank)	(blank)	84.5	09/20/11	
		7PAR20/END/F25/2700-280 DIM 6/1	2700 K	6.8	40.2	280	1300	Yes	81.5	02/14/12	
	Sylvania	LED8PAR20/DIM/827/NFL25	2700 K	8.6	40.3	320	1150	Yes	85.3	03/12/12	
		LED8PAR20/DIM/830/FL36	3000K	8.4	42.1	350	710	No	84.2	09/01/11	
		LED8PAR20/DIM/830/NFL25	3000K	8.4	40.7	350	1260	No	84.2	09/01/11	
		LED10PAR20/DIM/P/GU24/930/FL30	3000K	10.4	53.3	(blank)	(blank)	(blank)	94.5	08/24/11	
		LED10PAR20/DIM/P/930/FL30	3000K	10.4	53.1	(blank)	(blank)	(blank)	94.6	08/24/11	
		LED8PAR20/DIM/H/830/NFL25	3000K	8.1	51.2	400	2000	Yes	85.3	09/29/11	
		LED8PAR20/DIM/H/830/FL36	3000K	7.9	50.5	400	675	Yes	85.6	10/24/11	
		LED8PAR20/DIM/827/FL36	2700 K	7.6	41.6	320	670	Yes	84.9	03/12/12	
Viribrigt by Matrix	73385/50-45DEUSS/D	6000 K	4.2	53.0	220	150	Yes	89.8	06/12/12		
PAR30	Aledra	PAR30-S-D-30-40K	4000 K	9.2	63.6	568	7514	Yes	80.9	01/11/12	
		PAR30-S-D-30-30K	3000K	9.4	56.8	535	NA	Yes	81.4	12/30/11	
	Eco-story	ECOX-PAR-30-DIM-15-WW-25	2700 K	13.9	52.1	609	2662	Yes	84.2	07/29/11	
	ETI	520256/PAR30L/10.5W/525lms	3000K	1041.0	50.6	525	2550	No	82.1	07/06/12	
		520266/PAR30S/10.5W/525lms	3000K	10.3	53.3	525	2519	No	81.7	07/06/12	
	Green Creative	01-705-D/830-40D	3000K	14.6	52.6	810	1320	Yes	87.5	03/16/12	
		01-705-D/830-25D	3000K	14.6	61.6	810	2915	Yes	83.9	03/16/12	
		01-705-D/827-40D	2700 K	14.6	52.5	720	1190	Yes	83.8	05/08/12	

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Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Rated Lumens	Rated CBCP	Dimmable	CRI	Post Date
PAR30	Halco	PAR30/13WW/NFL/LED	3000	12.9	62.5	700	NA	Yes	81.4	08/07/12
		PAR30/13NW/NFL/LED	5000	12.8	70.1	760	1230	Yes	83.4	08/07/12
		PAR30/13WW/FL/LED	3000	13.1	61.3	700	1160	Yes	82.2	08/07/12
	Illuminer	LP30D-NF-SW	4200 K	9.9	48.3	500	NA	Yes	80.5	10/11/11
	KolourOne/Satco	S8911 2700K WHITE	2700 K	13.6	50.6	650	1050	Yes	80.6	04/18/12
		S8917 2700K GREY	2700 K	13.6	50.6	650	1050	Yes	80.6	04/18/12
	Light Emission Technology	E920DC0112W340	3000K	11.8	52.7	600	2.003	Yes	80.3	10/26/11
		E920-3000K-80D	3000K	13.5	45.6	600	1.847	Yes	82.5	02/08/12
	Light Emitting Designs	LED-1694	2700 K	10.3	56.6	575	NA	Yes	85.4	10/03/11
	Lighting Science Group	DFN 30 NW V2 NFL120	4000 K	17.4	63.7	1000	3700	Yes	85.9	12/02/11
	Litetronics	LP10562SP4	3000K	9.7	57.2	500	5143	(blank)	81.7	07/20/11
		LP10562SP4D	3000K	10.3	55.3	500	4842	(blank)	81.5	07/20/11
		LP10564SP4	3000K	9.9	48.3	500	4407	(blank)	81.7	07/20/11
		LP10564SP4D	3000K	10.6	53.9	500	4853	(blank)	82.6	07/20/11
	MaxLite	SKR3012DLED30 [71276]	3000K	11.6	59.5	730	1074	Yes	81.1	04/16/12
	MSI	iPAR30S27221N	2700 K	12.0	53.0	635	4300	Yes	80.9	07/20/11
		iPAR30S30101N	3000K	12.0	54.8	650	1700	Yes	82.3	07/20/11
	Philips	46677406769	2700 K	9.7	47.2	400	1800	Yes	82.0	10/10/11
		12PAR30S/END/S10/3000 DIM	3000K	12.4	52.4	(blank)	(blank)	(blank)	81.6	08/25/11
		12PAR30L/END/S15/700 DIM	2700 K	11.9	56.4	(blank)	(blank)	(blank)	85.6	08/25/11
		12PAR30L/END/S15/3000	3000K	11.8	62.0	(blank)	(blank)	(blank)	83.5	08/25/11
		13PAR30L/END/F25/2700 DIM SM Airflux	2700 K	12.8	59.4	720	3200	Yes	84.1	05/17/12
		13PAR30L/END/F36/3000 DIM SM Airflux	3000K	12.7	60.6	750	1510	Yes	82.8	05/17/12
		13PAR30L/END/F25/3000 DIM SM Airflux	3000K	12.8	60.1	750	3200	Yes	82.0	05/17/12
		13PAR30S/END/F25/3000 DIM SM Airflux	3000K	13.0	59.7	750	3200	Yes	84.2	05/17/12
		13PAR30S/END/F25 2700 DIM Airflux	2700 K	12.6	58.0	720	NA	Yes	84.3	07/06/12
	SMC LED	BB-PAR302726U-A1	2700 K	13.9	51.8	720	6281.759	Yes	81.2	06/19/12
		13PAR30DIFF	2700 K	12.8	70.4	900	NA	Yes	80.0	05/03/12
	Solais	LR30/25/30K/16W/1000	3000K	16.0	62.7	1000	5100	Yes	81.6	02/08/12
		LR30/40/30K/14W/800	3000K	13.6	66.2	800	1600	Yes	85.6	02/08/12
		LR30/25/30K/14W/800	3000K	14.1	67.9	800	4050	Yes	84.8	02/08/12
		LR30LN/25/30K/16W/925/GY	3000K	16.0	60.5	925	4700	Yes	85.9	01/26/12
		LR30LN/40/30K/16W/925/GY	3000K	16.0	56.4	925	1850	Yes	85.0	01/26/12
	Sylvania	LED15PAR30LN/DIM/827/FL40	2700 K	15.5	48.9	770	1420	Yes	85.3	09/01/11
		LED15PAR30LN/DIM/827/NFL25	2700 K	15.1	49.2	700	2910	Yes	83.0	10/21/11
		LED15PAR30LN/DIM/830/FL40	3000K	14.8	48.7	770	1300	Yes	88.9	09/01/11
		LED15PAR30LN/DIM/830/NFL25	3000K	14.7	50.5	770	2900	Yes	88.7	09/01/11
		LED10PAR30/DIM/SG/827/WSP15	2700 K	10.1	56.8	(blank)	(blank)	(blank)	88.6	08/24/11
		LED17PAR30LN/DIM/P/930/NFL25	3000K	16.8	57.8	(blank)	(blank)	(blank)	93.3	08/24/11
		LED15PAR30/DIM/P/930/FL40	3000K	15.3	57.8	(blank)	(blank)	(blank)	93.4	08/24/11
		LED18PAR30LN/DIM/830/FL40	3000K	17.8	56.8	1500	1500	Yes	83.5	09/29/11
		LED18PAR30LN/DIM/830/NFL25	3000K	17.5	57.9	950	3810	Yes	84.5	09/29/11
		LED10PAR30/DIM/SG/827/NFL25	2700 K	10.1	56.3	510	2300	Yes	88.6	10/03/11
		LED10PAR30/DIM/SG/830/WSP15	3000K	10.8	46.9	550	5400	Yes	88.2	10/19/11
		LED10PAR30/DIM/SG/830/NFL25	3000K	10.1	59.1	550	2500	Yes	88.8	10/19/11
		LED10PAR30/DIM/SG/830/SP10	3000K	10.8	47.4	510	11000	Yes	89.3	10/11/11
		LED10PAR30/DIM/SG/827/SP10	2700 K	10.3	54.6	510	11000	Yes	87.8	10/24/11
		LED15PAR30/GU24/DIM/P/930/FL40	3000K	15.1	56.0	880	1700	Yes	93.2	05/17/12

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Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Rated Lumens	Rated CBCP	Dimmable	CRI	Post Date
PAR30	TCP	LED14E26P3030KFL	3000K	14.2	65.3	850	1400	Yes	83.0	07/29/11
		LED14E26P3027KNFL	2700 K	14.1	60.3	850	3500	Yes	82.0	11/09/11
		LED14E26P3027KFL	2700 K	14.1	61.3	850	1300	Yes	82.0	11/28/11
		LED12E26P30S27KFL	2700 K	12.0	64.4	650	1915	Yes	81.0	04/17/12
		LED12E26P30S30KFL	3000K	12.1	66.4	650	1982	Yes	83.0	04/17/12
		LED12E26P30S30KNFL	3000K	12.0	65.9	650	2868	Yes	82.0	04/12/12
	Zenaro Lighting	LED12E26P30S27KNFL	2700 K	11.9	63.4	650	2647	Yes	82.0	04/12/12
		SL-PAR30/B/P11/30/E30/ND/26/UNI/US	3000K	11.1	48.5	485	880	No	82.1	05/08/12
PAR38	Aledra	PAR38-S-D-30-30K	3000K	15.6	58.6	910	NA	Yes	81.6	01/23/12
		PAR38-S-D-30-40K	4000 K	15.4	64.7	995	NA	Yes	80.9	12/30/11
	Eco-story	ECOX-PAR-38-DIM-19-WW-25	2700 K	17.3	53.7	840	2704	Yes	84.2	07/29/11
	ETI	520244/16W/PAR38	3000K	14.3	51.8	800	NA	Yes	83.8	04/03/12
	Evluma	Clearlight Beacon-50-4K-ME-S-V	4000 K	46.0	58.9	NA	(blank)	No	83.0	01/11/12
		OmniPAR-50-4K-ME-S-V	3700-4200K	46.0	58.9	NA	(blank)	No	83.0	12/30/11
		OmniPAR-50-4K-GU-L-V	3700-4200 K	46.0	58.9	2715	NA	Yes	83.0	12/15/11
		OmniPAR-50-4K-GU-S-V	3700-4200 K	46.0	58.9	NA	(blank)	No	83.0	12/15/11
	Green Creative	01-706-D/830-25D	3000K	19.5	65.5	1260	4250	Yes	82.2	03/16/12
		01-706-D/830-40D	3000K	19.2	65.6	1260	2350	Yes	81.5	03/16/12
		01-706-D/827-40D	2700 K	20.0	59.5	1135	2115	Yes	81.6	07/16/12
	Green Planet Energy	LVT-P38-15-LBP-38-15330	3061 K	15.1	57.7	866.56	6058.935	No	84.2	06/07/12
	Halco	PAR38/16NW/FL/LED	5000	15.5	76.9	1020	1750	Yes	84.1	08/07/12
		PAR38/16WW/FL/LED	3000	15.6	75.2	950	1600	Yes	82.2	08/07/12
		PAR38/11WW/FL/LED	3000	11.3	49.8	610	NA	Yes	82.6	08/07/12
		PAR38/11WW/NFL/LED	3000	11.2	51.0	610	NA	Yes	83.5	08/07/12
	KolourOne/Satco	S8964 17 watt LED Par 38 40 degree	2700 K	17.4	48.9	780	990	Yes	83.7	04/09/12
	Light Efficient Design	LED-1695	5700 K	9.4	66.0	620	NA	Yes	83.4	05/29/12
	Light Emission Technology	E930DC0117W440B	3000K	16.1	49.3	820	2.54	Yes	83.6	09/20/11
	Light Emitting Designs	LED-1716	2700 K	12.8	57.3	750	NA	Yes	85.6	09/29/11
	Lighting Science Group	DFN-38-WW-V2-NFL-120	3000K	24.4	52.9	1375	5200	Available	83.4	11/30/11
		DFN 38 NW V2 SP 120	4000 K	24.8	55.8	1375	9400	Yes	86.5	12/05/11
	Litetronics	LP10566FL4	3000K	9.5	62.0	500	3140	(blank)	82.5	07/20/11
		LP10566SP4	3000K	9.8	61.8	500	10795	Yes	82.7	07/20/11
		LP10566SP4D	3000K	1.0	61.0	500	10111	(blank)	82.5	07/20/11
		LP15566FL4D	3000K	14.6	54.9	800	3385	Yes	83.1	07/20/11
		LP15566SP4	3000K	15.0	56.9	800	9306	Yes	82.4	07/20/11
		LP15566SP4D	3000K	15.0	54.7	800	9214	Yes	82.4	07/20/11
	MaxLite	SKP17DLED30	3000K	17.4	59.6	1100	100	Yes	81.3	07/11/12
		SKE17DLED41	4100 K	16.8	67.6	1135	490	Yes	88.2	07/12/12
		SKE17DLED50	5000 K	17.1	61.2	1100	437	Yes	84.1	07/12/12
		SKE17DLED30	3000K	17.0	59.7	1000	425	Yes	81.1	07/12/12
SKP17DLED41		4100 K	16.2	72.3	1125	416	Yes	83.7	07/12/12	
SKP17DLED50		5000 K	16.9	63.0	1065	346.59	Yes	87.0	07/12/12	
MSI	IPAR3827H31D	2700 K	15.6	54.4	850	2800	Yes	84.0	10/21/11	
	IPAR3827161N	2700 K	12.2	49.5	600	6400	No	82.4	10/21/11	
	IPAR3830161N	3000K	12.5	51.7	650	6700	No	82.0	01/31/12	

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Lamp Type	Manufacturer	Model Number	CCT	Input Wattage	Efficacy LPW	Rated Lumens	Rated CBCP	Dimmable	CRI	Post Date	
PAR38	Philips	18PAR38/END/S15/3000-1200 DIM	3000K	18.2	68.0	1200	10000	Yes	81.9	12/05/11	
		17PAR38/END/S10/3000 DIM	3000K	16.7	60.1	(blank)	(blank)	(blank)	82.6	08/25/11	
		18PAR38/END/F25/3000-1200 DIM	3000K	18.1	70.4	1200	5070	Yes	82.2	12/05/11	
		16PAR38/END/F25/2700-730 DIM	2700 K	15.8	51.8	730	3100	Yes	90.2	03/02/12	
		18PAR38/END/F25/3000-1050 OD	3000K	17.5	63.5	1050	4000	Yes	82.3	01/03/12	
		18PAR38/END/F25/2700 DIM SM Airflux	2700 K	18.1	51.5	900	3500	Yes	84.5	05/17/12	
		18PAR38/END/F25/3000 DIM SM Airflux	3000K	17.8	56.2	950	4100	Yes	83.6	05/17/12	
		18PAR38/END/F36/2700 DIM SM Airflux	2700 K	17.3	52.8	900	2050	Yes	84.9	05/17/12	
		18PAR38/END/F36/3000 DIM SM Airflux	3000K	17.9	58.2	950	2200	Yes	85.3	05/17/12	
		19PAR38/END/F25/2700 DIM SM Airflux	2700 K	19.1	62.3	1100	5400	Yes	85.3	05/17/12	
		19PAR38/END/F25/3000 DIM SM Airflux	3000K	19.3	66.3	1200	5900	Yes	84.1	05/17/12	
		SMC LED	17PAR38DIFF	2700 K	17.2	66.5	1143	NA	Yes	80.3	04/17/12
			BB-PAR382627U-A1	2700 K	20.6	50.5	1040	8835.094	Yes	81.4	06/20/12
		Solais	LR38/40/30K/18W/1025/GY	3000K	18.0	58.5	1025	2050	Yes	84.8	01/26/12
	LR38/25/30K/18W/1025/GY		3000K	18.0	59.6	1025	5225	Yes	85.5	01/26/12	
	Sylvania	LED18PAR38/DIM/827/FL40	2700 K	18.0	48.0	860	1150	Yes	84.0	09/01/11	
		LED18PAR38/DIM/827/NFL25	2700 K	17.9	48.2	860	3680	Yes	84.0	09/01/11	
		LED18PAR38/DIM/830/FL40	3000K	18.5	50.0	900	1500	Yes	86.3	09/01/11	
		LED18PAR38/DIM/830/NFL25	3000K	18.3	45.8	900	3100	Yes	86.8	09/01/11	
		LED10PAR38/SG/830/WSP15	3000K	9.8	69.2	650	6750	Yes	81.2	07/20/11	
		LED15PAR38/SG/830/WSP15	3000K	15.8	48.7	760	7500	Yes	89.2	07/20/11	
		LED21PAR38/DIM/P/930/FL30	3000K	21.1	54.9	(blank)	(blank)	(blank)	93.4	08/24/11	
		LED15PAR38/SG/827/SP10	2700 K	15.1	53.7	(blank)	(blank)	(blank)	87.7	09/20/11	
		LED15PAR38/SG/830/WSP12	3000K	15.3	52.1	760	11000	No	88.8	09/29/11	
		LED18PAR38/DIM/840/FL40	4000 K	17.9	51.3	920	1620	Yes	89.2	09/29/11	
		LED15PAR38/SG/827/WSP15	2700 K	15.1	52.2	700	7000	No	87.8	09/29/11	
		LED15PAR38/SG/830/SP10	3000K	14.9	52.4	760	16000	Yes	90.1	10/19/11	
		LED24PAR38/DIM/830/FL40	3000K	23.7	53.0	1300	2020	Yes	83.4	10/24/11	
		LED24PAR38/DIM/830/NFL25	3000K	24.9	48.8	1300	2020	Yes	83.1	10/26/11	
		LED21PAR38/GU24/DIM/P/930/FL30	3000K	20.2	57.6	1150	3700	Yes	94.3	05/17/12	
		TCP	LED17E26P3830KNFL	3000K	17.4	63.7	1050	5500	Yes	83.0	07/29/11
			LED17E26P3830KFL	3000K	17.2	63.1	1050	2000	Yes	83.0	07/29/11
	LED17E26P3827KNFL		2700 K	17.1	60.6	1000	4500	Yes	82.0	11/28/11	
	LED17E26P3827KFL		2700 K	17.0	58.8	1000	1800	Yes	82.0	11/28/11	
	Viribright by Matrix	120-18EUS/W, 120-18GUS/W	2800 K	18.4	63.4	1100	NA	Yes	81.5	05/22/12	
		120-18EUS/C, 120-18EUS/C	4000 K	18.5	80.2	1400	NA	Yes	83.2	05/22/12	
		120-18EUS/D, 120-18GUS/D	6000 K	18.4	83.2	1500	NA	Yes	85.9	05/22/12	
	R20	Green Creative	02-504-D/827	2700 K	7.7	62.7	500	NA	Yes	80.7	06/27/12
	R40	Light Efficient Design	LED-1717	5700 K	13.0	67.5	875	NA	Yes	82.6	05/29/12