

# **Appendix F**

## **TABLE OF PRE-QUALIFIED INTEGRAL LED LAMPS & QUALIFICATION PROCESS**

# Appendix F: Table of Pre-Qualified Integral LED Lamps & Qualification Process (effective November 30, 2009)

*The Table of Pre-Qualified Integral LED Lamps was generated under the following guidelines:*

1. Based on the ENERGY STAR® eligibility criteria, integral LED lamps are defined as follows: a lamp with LEDs, an integrated LED driver, and an ANSI standardized base designed to connect to the branch circuit via an ANSI standardized lampholder/socket.  
<http://www.drintl.com/htmlmail/Energystar/Dec09/IntegralLampsFINAL.pdf>
2. All lamps must be ENERGY STAR®-qualified. See Section F2 of this appendix for pre-qualification process instructions.

**LED lamps intended to replace linear fluorescent or high-intensity discharge (HID) lamps are not eligible for incentives at this time.**

3. Program and technical requirements are subject to change. An annual eligibility review of all pre-qualified integral lamps will be conducted and may affect pre-qualification status.

Please note, pre-qualification for lamps must be completed prior to application submittal.

**F1: TABLE OF PRE-QUALIFIED INTEGRAL LED LAMPS**

**F2: INTEGRAL LED LAMPS QUALIFICATION PROCESS**

**F3: APPENDIX OF RESOURCES**

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
AIBC International	AIBC LED Lighting	AI-ES-11P38DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	10/13/2011	Dimmable
AIBC International	AIBC LED Lighting	AI-ES-9P30DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	10/13/2011	Dimmable
Buffalo Lite	Buffalo	P3811-23	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	25,000	3/2/2012	Dimmable
Buffalo Lite	Buffalo	P3811-43	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	25,000	3/2/2012	Dimmable
Bulbrite Industries	BULBRITE	LED11PAR38WW/FL/D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	7/26/2011	Dimmable
Bulbrite Industries	BULBRITE	LED11PAR38WW/NF/D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	7/26/2011	Dimmable
Bulbrite Industries	BULBRITE	LED9PAR30WW/FL/D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	7/26/2011	Dimmable
Bulbrite Industries	BULBRITE	LED9PAR30WW/NF/D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	7/26/2011	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-38-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	624.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-38-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	624.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-38-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	605.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-38-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	605.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-60-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	605.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30F-60-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	605.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-38-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	627.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-38-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	627.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-38-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	626.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-38-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	626.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-60-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	627.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-60-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	627.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-60-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	626.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P30FL-60-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	626.0	3,000	25,000	1/19/2012	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
CMG Energy Solutions	Duracell	DL-P38F-38-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	11/10/2011	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-38-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-38-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	11/10/2011	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-38-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-38-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	875.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-38-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	875.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-60-27K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-60-27K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	869.0	2,700	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-60-30K-BL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	875.0	3,000	25,000	1/19/2012	Dimmable
CMG Energy Solutions	Duracell	DL-P38F-60-30K-WH	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	875.0	3,000	25,000	1/19/2012	Dimmable
CNA International Ent., Inc.	CNA	LED 10W PAR30LND	R - Reflector	PG&E,SCE,SDG&E	10.0	450.0	3,000	40,000	3/15/2012	
CNA International Ent., Inc.	CNA	LED 11W Par30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	575.0	3,000	25,000	2/3/2012	Dimmable
CNA International Ent., Inc.	CNA	LED 17W Par38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	920.0	3,000	25,000	2/3/2012	Dimmable
CNA International Ent., Inc.	CNA	LED 7W Par20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	335.0	3,000	25,000	2/3/2012	Dimmable
CNA International Ent., Inc.	CNA	LED 7W Par20D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	335.0	3,000	25,000	2/6/2012	Dimmable
CNA International Ent., Inc.	CNA	LED 8W A19	Non - Standard	PG&E,SCE,SDG&E	8.0	480.0	3,000	25,000	3/7/2012	Dimmable
CNA International Ent., Inc.	CNA Lighting	LED 7W A19	Non - Standard	PG&E,SCE,SDG&E	7.0	455.0	3,000	25,000	1/13/2012	
Conglom, Inc.	Luminus	P-L4013D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	8/26/2011	Dimmable
Conglom, Inc.	Luminus	P-L4023D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	9/12/2011	Dimmable
Conglom, Inc.	Luminus	P-L4523D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	12/5/2011	Dimmable
Cree, Inc.	CREE, Inc.	LBR30A92-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.866	618.4	2,700	25,000	10/5/2011	Dimmable
Cree, Inc.	CREE, Inc.	LBR30A92-25D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.866	618.4	2,700	25,000	10/5/2011	Dimmable
Cree, Inc.	CREE, Inc.	LBR30A92-50D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.24	616.4	2,700	25,000	10/5/2011	Dimmable

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Cree, Inc.	CREE, Inc.	LBR30A92-50D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.24	616.4	2,700	25,000	10/5/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-27K-12D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.9	947.8	2,700	25,000	1/10/2012	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-27K-12D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.9	947.8	2,700	25,000	1/10/2012	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-27K-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.42	984.6	2,700	25,000	1/10/2012	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-27K-25D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.42	984.6	2,700	25,000	1/10/2012	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-12D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	35,000	12/20/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-12D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	35,000	12/20/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	35,000	12/20/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	25,000	10/7/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-25D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	25,000	10/7/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38-10L-30K-25D-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.77	1023.0	3,000	35,000	12/20/2011	Dimmable
Cree, Inc.	CREE, Inc.	LRP38A92-20D40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.14	597.3	2,700	35,000	2/6/2012	Dimmable
Cree, Inc.	CREE, Inc.	LRP38A92-20D40-GU24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.14	597.3	2,700	35,000	2/6/2012	Dimmable
Cyber Tech Lighting Inc.	Eco-Star	LB11PAR38/D/WW	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	607.0	3,000	50,000	11/29/2011	Dimmable
Cyber Tech Lighting Inc.	Eco-Star	LB6PAR20/D/WW	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.6	281.0	3,000	25,000	12/14/2011	Dimmable
Digital Lighting, Inc.	Q-RAY	QMR16-USN-30G533	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.26	151.0	3,000	50,000	3/8/2011	Dimmable
EarthLED	EarthLED	ELED-ES-PAR30NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	620.0	3,000	25,000	3/20/2012	Dimmable
EarthLED	EarthLED	ELED-ES-PAR30SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	620.0	3,000	25,000	3/20/2012	Dimmable
EarthLED	EarthLED	ELED-ES-PAR38FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	3/20/2012	Dimmable
EarthLED	EarthLED	ELED-ES-PAR38NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	3/20/2012	Dimmable
EarthLED	EarthLED	ELED-ES-PAR38SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	3/20/2012	Dimmable
EarthTronics, Inc.	Honeywell	HWL1FP26D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	40,000	12/5/2011	Dimmable

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EarthTronics, Inc.	Honeywell	HWL1FP3811D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	7/28/2011	Dimmable
EarthTronics, Inc.	Honeywell	HWL1FP39D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	7/28/2011	Dimmable
EarthTronics, Inc.	Honeywell	HWL1MR164	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	2/7/2012	
eDVA Tech	eDVA Tech	IR30TF30ES	R - Reflector	PG&E,SCE,SDG&E	6.0	525.0	3,000	50,000	10/18/2011	
EiKO Ltd.	Eiko	LEDP-11WPAR38/FL/830-DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.8	607.0	3,000	40,000	10/26/2011	Dimmable
EiKO Ltd.	Eiko	LEDP-11WPAR38/SP/830-DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.92	610.5	3,000	40,000	10/26/2011	Dimmable
EiKO Ltd.	Eiko	LEDP-5PAR20/SP/830-DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	235.0	3,000	25,000	3/15/2012	Dimmable
EiKO Ltd.	Eiko	LEDP-9WPAR30/FL/830-DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.76	474.0	3,000	40,000	10/26/2011	Dimmable
EiKO Ltd.	Eiko	LEDP-9WPAR30/SP/830-DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.77	473.7	3,000	40,000	10/26/2011	Dimmable
Energetic Lighting Inc.	Energetic	ELE03CWC-VB	C - Candle	PG&E,SCE,SDG&E	2.65	119.6	3,000	40,000	10/5/2011	
Energetic Lighting Inc.	Energetic	ELE03GWF-VB	G - Globe	PG&E,SCE,SDG&E	2.74	118.6	3,000	40,000	9/27/2011	
Energetic Lighting Inc.	Energetic	ELE04MR5.3W-VB	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.78	169.0	3,000	40,000	12/15/2011	
Energetic Lighting Inc.	Energetic	ELE06D-RW25-VB	R - Reflector	PG&E,SCE,SDG&E	5.13	250.1	3,000	40,000	10/20/2011	Dimmable
Energetic Lighting Inc.	Energetic	ELE07D-AWF-BP2	Non - Standard	PG&E,SCE,SDG&E	7.5	450.0	2,700	25,000	3/20/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE07D-AWF-VB	Non - Standard	PG&E,SCE,SDG&E	7.5	450.0	2,700	25,000	3/20/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE08D-AWF-VB	Non - Standard	PG&E,SCE,SDG&E	8.0	450.0	3,000	40,000	2/23/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE10D-PLW25-VB	R - Reflector	PG&E,SCE,SDG&E	10.06	462.8	3,000	40,000	12/20/2011	Dimmable
Energetic Lighting Inc.	Energetic	ELE10D-PLW35-VB	R - Reflector	PG&E,SCE,SDG&E	10.06	462.8	3,000	40,000	12/20/2011	Dimmable
Energetic Lighting Inc.	Energetic	ELE10PLW25-VB	R - Reflector	PG&E,SCE,SDG&E	9.6	471.4	3,000	40,000	12/20/2011	
Energetic Lighting Inc.	Energetic	ELE10PLW35-VB	R - Reflector	PG&E,SCE,SDG&E	9.6	471.4	3,000	40,000	12/20/2011	
Energetic Lighting Inc.	Energetic	ELE12D-AWF-BP2	Non - Standard	PG&E,SCE,SDG&E	12.0	800.0	2,700	25,000	3/20/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE12D-AWF-VB	Non - Standard	PG&E,SCE,SDG&E	12.0	800.0	2,700	25,000	3/20/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE17D-PW25-VB	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.21	745.1	3,000	40,000	12/20/2011	Dimmable
Energetic Lighting Inc.	Energetic	ELE17D-PW40-VB	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	1/10/2012	Dimmable
Energetic Lighting Inc.	Energetic	ELE17PW25-VB	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.78	774.8	3,000	40,000	12/1/2011	
Energetic Lighting Inc.	Energetic	ELE17PW40-VB	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	1/10/2012	

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Feit Electric	Conserv-Energy	BPCE18PAR38/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.62	889.0	3,000	25,000	2/8/2011	Dimmable
Feit Electric	FEIT ELECTRIC	13PAR30L/DM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.5	650.0	3,000	30,000	12/7/2011	Dimmable
Feit Electric	Feit Electric	7PAR20/DM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.09	315.7	3,000	30,000	2/8/2011	Dimmable
Feit Electric	Feit Electric	BP7PAR20/DM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.09	315.7	3,000	30,000	8/29/2011	Dimmable
Feit Electric	FEIT ELECTRIC	BPCE13PAR30/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.5	650.0	3,000	30,000	12/7/2011	Dimmable
Feit Electric	FEIT ELECTRIC	CE13PAR30/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.5	650.0	3,000	30,000	12/7/2011	Dimmable
Feit Electric	Feit Electric	CE18PAR38/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.62	889.0	3,000	25,000	8/24/2011	Dimmable
Feit Electric	Feit Electric	PAR20/HP/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.09	315.7	3,000	30,000	2/8/2011	Dimmable
Feit Electric	Feit Electric	PAR38/HP/DIM/LED	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.62	889.0	3,000	30,000	2/8/2011	Dimmable
Firefly Lighting Co., Ltd.	Firefly	FLCD-A4 E12 3000K	C - Candle	PG&E,SCE,SDG&E	3.62	219.0	3,000	15,000	1/12/2012	
Firefly Lighting Co., Ltd.	Firefly	FLGL-A3.5 E26 3000K	Non - Standard	PG&E,SCE,SDG&E	3.5	220.0	3,000	25,000	12/20/2011	
Firefly Lighting Co., Ltd.	Firefly	FLGL-A7 E26 3000K	Non - Standard	PG&E,SCE,SDG&E	7.0	455.0	3,000	25,000	12/20/2011	
Firefly Lighting Co., Ltd.	Firefly	FLM16-A4 GU10 3000K	Non - Standard	PG&E,SCE,SDG&E	4.0	208.0	3,000	25,000	1/13/2012	
Firefly Lighting Co., Ltd.	Firefly	FLP38-A12 12W E26 3000K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.7	685.0	3,000	25,000	10/31/2011	
GBL LED Lighting Inc	ALEDECO	ALED-PAR30D-10W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	620.0	3,000	25,000	4/2/2012	Dimmable
GBL LED Lighting Inc	ALEDECO	ALED-PAR38D-15W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	4/2/2012	Dimmable
GE Appliances and Lighting	GE	LED9A19/830	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.1	471.6	3,000	25,000	11/18/2010	
GE Appliances and Lighting	GE Lighting	61921 LED7DP20S830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	361.3	3,000	25,000	4/14/2011	Dimmable
GE Appliances and Lighting	GE Lighting	FAM72LED2CAC-ES	C - Candle	PG&E,SCE,SDG&E	1.8	77.7	3,000	15,000	4/13/2011	
GE Appliances and Lighting	GE Lighting	LED10DP30S827/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	497.0	2,700	50,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED10DP30S830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	516.7	3,000	50,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED10DP3LS827/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	499.0	2,700	50,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED10DP3LS830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	533.9	3,000	50,000	4/21/2011	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
GE Appliances and Lighting	GE Lighting	LED12DBR30/827	BR - Bulged Reflector	PG&E,SCE,SDG&E	12.0	750.0	2,700	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DBR30/830	BR - Bulged Reflector	PG&E,SCE,SDG&E	12.0	750.0	3,000	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30B827_25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30S827_20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30S827_25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30S827_35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30S830_20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	750.0	3,000	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30S830_35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	750.0	3,000	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP30W827_25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S827/12	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	660.0	2,700	25,000	3/5/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S827/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	660.0	2,700	25,000	3/5/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S827/35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	660.0	2,700	25,000	3/5/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S830/12	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	700.0	3,000	25,000	3/4/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S830/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	700.0	3,000	25,000	3/4/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP38S830/35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	700.0	3,000	25,000	3/4/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP3LS827_20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP3LS827_35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	740.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP3LS830_20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	750.0	3,000	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12DP3LS830_35	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	750.0	3,000	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED12P3LS927/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	630.0	2,700	25,000	2/20/2012	
GE Appliances and Lighting	GE Lighting	LED12P3LS927/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	630.0	2,700	25,000	2/20/2012	
GE Appliances and Lighting	GE Lighting	LED12P3LS930/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	660.0	3,000	25,000	1/27/2012	

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GE Appliances and Lighting	GE Lighting	LED12P3LS930/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	660.0	3,000	25,000	1/27/2012	
GE Appliances and Lighting	GE Lighting	LED14P38S827/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	840.0	2,700	25,000	3/1/2012	
GE Appliances and Lighting	GE Lighting	LED14P38S827/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	840.0	2,700	25,000	3/1/2012	
GE Appliances and Lighting	GE Lighting	LED14P38S830/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	900.0	3,000	25,000	3/1/2012	
GE Appliances and Lighting	GE Lighting	LED14P38S830/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	900.0	3,000	25,000	3/1/2012	
GE Appliances and Lighting	GE Lighting	LED17P38S830/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	820.0	3,000	50,000	4/25/2011	
GE Appliances and Lighting	GE Lighting	LED17P38S83015	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.07	861.8	3,000	50,000	4/25/2011	
GE Appliances and Lighting	GE Lighting	LED17P38S83017	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.2	835.3	3,000	50,000	4/25/2011	
GE Appliances and Lighting	GE Lighting	LED17P38S83025	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.27	871.3	3,000	50,000	4/25/2011	
GE Appliances and Lighting	GE Lighting	LED20DP38S827/15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1000.0	2,700	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S827/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1000.0	2,700	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S827/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1000.0	2,700	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S830/15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1100.0	3,000	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S830/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1100.0	2,700	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S830/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1100.0	3,000	25,000	8/8/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S840/15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1250.0	4,100	25,000	3/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S840/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1250.0	4,100	25,000	3/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED20DP38S840/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1250.0	4,100	25,000	3/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED20P38S/FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.3	1093.0	3,000	25,000	5/20/2011	
GE Appliances and Lighting	GE Lighting	LED20P38S830/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1050.0	3,000	50,000	8/25/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED20P38S830/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.3	1129.0	3,000	25,000	4/18/2011	
GE Appliances and Lighting	GE Lighting	LED20P38S830/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.3	1093.0	3,000	25,000	5/20/2011	

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GE Appliances and Lighting	GE Lighting	LED20P38S830/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.0	1050.0	3,000	50,000	8/25/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED2CAC-C	C - Candle	PG&E,SCE,SDG&E	1.8	77.7	3,000	15,000	4/13/2011	
GE Appliances and Lighting	GE Lighting	LED2CAC-C/ES/TP	C - Candle	PG&E,SCE,SDG&E	1.8	77.7	3,000	15,000	4/13/2011	
GE Appliances and Lighting	GE Lighting	LED2CAC-F	C - Candle	PG&E,SCE,SDG&E	1.8	79.1	3,000	15,000	4/28/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-C	C - Candle	PG&E,SCE,SDG&E	2.17	80.0	3,000	15,000	4/19/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-C/ES/BK	C - Candle	PG&E,SCE,SDG&E	2.17	80.0	3,000	15,000	4/19/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-C/ES/TP	C - Candle	PG&E,SCE,SDG&E	2.17	80.0	3,000	15,000	4/19/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-F	C - Candle	PG&E,SCE,SDG&E	1.8	84.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-F/ES/BK	C - Candle	PG&E,SCE,SDG&E	1.8	84.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2CAM-F/ES/TP	C - Candle	PG&E,SCE,SDG&E	1.8	84.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2DCAC-C	CA - Candle with angular tip	PG&E,SCE,SDG&E	2.2	90.0	3,000	15,000	7/15/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED2DCAC-F	CA - Candle with angular tip	PG&E,SCE,SDG&E	2.2	90.0	3,000	15,000	7/26/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED2DCAM-C	CA - Candle with angular tip	PG&E,SCE,SDG&E	2.2	90.0	3,000	15,000	7/26/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED2DCDM-C	CA - Candle with angular tip	PG&E,SCE,SDG&E	2.2	90.0	3,000	15,000	7/26/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED2G16C-C	G - Globe	PG&E,SCE,SDG&E	1.8	77.1	3,000	15,000	4/19/2011	
GE Appliances and Lighting	GE Lighting	LED2G16C-C	G - Globe	PG&E,SCE,SDG&E	1.8	77.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2G16C-C/ES/BK	G - Globe	PG&E,SCE,SDG&E	1.8	77.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2G16C-C/ES/TP	G - Globe	PG&E,SCE,SDG&E	1.8	77.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2G16C-W	G - Globe	PG&E,SCE,SDG&E	2.0	75.0	3,000	15,000	4/20/2011	
GE Appliances and Lighting	GE Lighting	LED2G16M-C	G - Globe	PG&E,SCE,SDG&E	1.6	72.0	3,000	15,000	3/15/2012	
GE Appliances and Lighting	GE Lighting	LED2G16M-C	G - Globe	PG&E,SCE,SDG&E	1.84	78.0	3,000	15,000	4/14/2011	
GE Appliances and Lighting	GE Lighting	LED2G16M-C/ES/TP	G - Globe	PG&E,SCE,SDG&E	1.6	72.0	3,000	15,000	3/15/2012	
GE Appliances and Lighting	GE Lighting	LED2G16M-C/ES/TP	G - Globe	PG&E,SCE,SDG&E	1.84	78.0	3,000	15,000	4/14/2011	
GE Appliances and Lighting	GE Lighting	LED2G16M-W	G - Globe	PG&E,SCE,SDG&E	1.8	78.0	3,000	15,000	4/19/2011	
GE Appliances and Lighting	GE Lighting	LED2G16M-W	G - Globe	PG&E,SCE,SDG&E	1.7	70.0	3,000	15,000	3/15/2012	
GE Appliances and Lighting	GE Lighting	LED2G25M-C	G - Globe	PG&E,SCE,SDG&E	2.2	97.0	3,000	15,000	3/15/2012	
GE Appliances and Lighting	GE Lighting	LED2G25M-C	G - Globe	PG&E,SCE,SDG&E	2.17	97.1	3,000	15,000	4/14/2011	
GE Appliances and Lighting	GE Lighting	LED2G25M-C/ES/TP	G - Globe	PG&E,SCE,SDG&E	2.2	97.0	3,000	15,000	3/15/2012	
GE Appliances and Lighting	GE Lighting	LED2G25M-C/ES/TP	G - Globe	PG&E,SCE,SDG&E	2.17	97.1	3,000	15,000	4/14/2011	
GE Appliances and Lighting	GE Lighting	LED2G25M-W	G - Globe	PG&E,SCE,SDG&E	2.2	95.0	3,000	15,000	4/28/2011	

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GE Appliances and Lighting	GE Lighting	LED5GU10S830/25	Non - Standard	PG&E,SCE,SDG&E	4.5	219.4	3,000	25,000	4/25/2011	
GE Appliances and Lighting	GE Lighting	LED7DMR16/827/15	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	370.0	2,700	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DMR16/827/25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	370.0	2,700	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DMR16/827/35	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	370.0	2,700	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DMR16/830/15	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	390.0	3,000	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DMR16/830/25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	390.0	3,000	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DMR16/830/35	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	390.0	3,000	25,000	12/19/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20B827/15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	353.9	2,700	25,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20B827/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	319.6	2,700	25,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20B830/12	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	355.0	3,000	25,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20B830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	361.3	3,000	25,000	4/14/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20B830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	368.0	3,000	25,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20S827/20, LED7DP20/NFL-L2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	319.6	2,700	25,000	6/29/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7DP20W830/20	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	361.3	3,000	25,000	4/14/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED7XDMR16827/25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	440.0	2,700	25,000	2/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED7XDMR16827/35	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	440.0	3,000	25,000	2/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED7XDMR16830/25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	460.0	3,000	25,000	2/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED7XDMR16830/35	MR - Multifaceted reflector	PG&E,SCE,SDG&E	7.0	460.0	3,000	25,000	2/20/2012	Dimmable
GE Appliances and Lighting	GE Lighting	LED9DA19/827	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	9.0	450.0	2,700	25,000	11/7/2011	Dimmable
GE Appliances and Lighting	GE Lighting	LED9DA19/830	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	9.0	450.0	3,000	25,000	11/10/2011	Dimmable
GE Appliances and Lighting	GE Lighting	PLGP301DLEDCN, LED10DP30/FL-L2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	474.2	2,700	25,000	4/21/2011	Dimmable
GE Appliances and Lighting	GE Lighting	PLGP301DLEDCN, PLGP301DLED10W, DED10DP3L/FL-12	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	483.3	2,700	25,000	4/21/2011	Dimmable
Globe Electric Inc.	Globe	1435	G - Globe	PG&E,SCE,SDG&E	8.04	415.6	3,000	40,000	8/17/2011	Dimmable
Globe Electric Inc.	Globe	1436	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.93	166.3	3,000	40,000	8/17/2011	

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Globe Electric Inc.	Globe	1438	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	349.0	3,000	25,000	8/10/2011	Dimmable
Globe Electric Inc.	Globe	1439	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	558.3	3,000	25,000	8/10/2011	Dimmable
Globe Electric Inc.	Globe	1440	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	819.1	3,000	25,000	8/10/2011	Dimmable
Globe Electric Inc.	Globe	8114001	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	350.0	3,000	25,000	2/16/2012	Dimmable
Globe Electric Inc.	Globe	8114101	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	530.0	3,000	25,000	2/16/2012	Dimmable
Globe Electric Inc.	Globe	8114201	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	840.0	3,000	25,000	2/16/2012	Dimmable
Green Creative	Green Creative	01-602/830-38D	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	10/11/2011	
Green Creative	Green Creative	01-603-D/830-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.77	473.7	3,000	40,000	8/4/2011	Dimmable
Green Creative	Green Creative	01-603-D/830-40D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.76	474.0	3,000	40,000	8/4/2011	Dimmable
Green Creative	Green Creative	01-604-D/830-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.92	610.5	3,000	40,000	8/4/2011	Dimmable
Green Creative	Green Creative	01-604-D/830-40D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.8	607.0	3,000	40,000	8/4/2011	Dimmable
Green Creative	Green Creative	01-606-D/830-25D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	40,000	10/19/2011	Dimmable
Green Creative	Green Creative	01-606-D/830-40D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	40,000	10/19/2011	Dimmable
Greenlite Lighting Corporation	Greenlite	8W/LED/A19-D	Non - Standard	PG&E,SCE,SDG&E	8.0	450.0	3,000	25,000	3/7/2012	Dimmable
Greenlite Lighting Corporation	Greenlite	LED/MR16-WW	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	10/11/2011	
Greenlite Lighting Corporation	Greenlite	LED/PAR30/DIM-SW/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	480.0	3,000	40,000	6/17/2011	Dimmable
Greenlite Lighting Corporation	Greenlite	LED/PAR30/DIM-SW/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	480.0	3,000	40,000	6/17/2011	Dimmable
Greenlite Lighting Corporation	Greenlite	LED/PAR38/DIM-SW/25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	6/17/2011	Dimmable
Greenlite Lighting Corporation	Greenlite	LED/PAR38/DIM-SW/40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	6/17/2011	Dimmable
Halco Lighting Technologies	ProLED	80006	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.77	473.7	3,000	40,000	9/12/2011	Dimmable
Halco Lighting Technologies	ProLED	80008	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.76	474.0	3,000	40,000	9/12/2011	Dimmable
Halco Lighting Technologies	ProLED	80010	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.92	610.5	3,000	40,000	9/12/2011	Dimmable
Halco Lighting Technologies	ProLED	80012	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.8	607.0	3,000	40,000	9/12/2011	Dimmable

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Havells Inc	HAVELLS	48516-6.0W/LEDPAR20WW/FL/DIM	R - Reflector	PG&E,SCE,SDG&E	6.0	250.0	3,000	40,000	2/22/2012	Dimmable
Havells Inc	HAVELLS	48518-10W/LEDPAR30/WW/FL/DIM	R - Reflector	PG&E,SCE,SDG&E	10.0	450.0	3,000	40,000	2/22/2012	Dimmable
Havells Inc	HAVELLS	48519-17W/LEDPAR38WW/NFL/DIM	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	2/22/2012	Dimmable
Havells Inc	HAVELLS	48524-8W/LEDA19/WW/DIM	Non - Standard	PG&E,SCE,SDG&E	8.0	450.0	3,000	40,000	2/23/2012	Dimmable
Havells Inc	HAVELLS	48525-3.0W/LEDCNDL/CLEAR	C - Candle	PG&E,SCE,SDG&E	3.0	120.0	3,000	40,000	2/22/2012	
Havells Inc	HAVELLS	48526-3.0W/LEDGLBFRST	G - Globe	PG&E,SCE,SDG&E	3.0	120.0	3,000	40,000	2/22/2012	
Havells Inc	HAVELLS	48527-10W/LEDPAR30/WW/LN/FL	R - Reflector	PG&E,SCE,SDG&E	10.0	455.0	3,000	40,000	2/22/2012	
Havells Inc	HAVELLS	48532-4W/LEDMR16/GU5.3/FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.0	165.0	3,000	40,000	2/22/2012	
Havells Inc	HAVELLS	48543-17W/LEDPAR38WW/NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	2/22/2012	
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	149293	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	40,000	10/17/2011	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	149295	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	40,000	10/17/2011	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	149372	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	10/11/2011	
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	153741	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	6/16/2011	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	154970	Non - Standard	PG&E,SCE,SDG&E	8.0	480.0	3,000	25,000	3/7/2012	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	563741	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	6/16/2011	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	763741	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	6/16/2011	Dimmable
Hengdian Group Tospo Lighting Co., Ltd.	Tospo	943741	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	6/16/2011	Dimmable
Homelite Limited	Homelite	HLAD7W/3000K	Non - Standard	PG&E,SCE,SDG&E	7.41	383.0	3,000	40,000	9/9/2011	Dimmable
Homelite Limited	Homelite	HLGD8W/3000K	G - Globe	PG&E,SCE,SDG&E	8.04	415.6	3,000	40,000	8/17/2011	Dimmable
Homelite Limited	Homelite	HLMR4W/3000K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.93	166.3	3,000	40,000	8/22/2011	
Homelite Limited	Homelite	HLPD11W/3000K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.7	558.3	3,000	25,000	8/10/2011	Dimmable
Homelite Limited	Homelite	HLPD17W/3000K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.3	819.1	3,000	25,000	8/10/2011	Dimmable
Homelite Limited	Homelite	HLPD7W/3000K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.5	349.0	3,000	25,000	8/10/2011	Dimmable
Homelite Limited	Homelite	HLPDL11W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	575.0	3,000	40,000	2/17/2012	Dimmable
Homelite Limited	Homelite	HLPDL17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	850.0	3,000	40,000	2/17/2012	Dimmable

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Homelite Limited	Homelite	HLPDL7W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	335.0	3,000	40,000	2/17/2012	Dimmable
Infinlight Products, Inc.	Infinlight	IFL-MR16-WW30	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.0	321.0	3,000	25,000	2/3/2012	
Infinlight Products, Inc.	Infinlight	IFL-PAR20-WW30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	477.0	3,000	25,000	11/21/2011	Dimmable
Infinlight Products, Inc.	Infinlight	IFL-PAR30-WW30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	789.0	3,000	25,000	11/21/2011	Dimmable
Infinlight Products, Inc.	Infinlight	IFL-PAR38-WW30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	988.0	3,000	25,000	11/21/2011	Dimmable
iPAN LED Inc.	iPAN LED	IPAN-MR16-4W	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.0	160.0	3,000	25,000	1/12/2012	
iPAN LED Inc.	iPAN LED	IPAN-PAR38-17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	25,000	1/12/2012	
iPAN LED Inc.	iPAN LED	IPAN-PAR38-17W-D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	745.0	3,000	25,000	1/12/2012	Dimmable
LedEngin, Inc.	LuxPAR	LP38-062W31	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.5	839.7	3,000	40,000	1/25/2012	
LEDirect	NaturaLED	LED14PAR30L/DIM/FL/27K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	723.0	2,700	25,000	3/20/2012	Dimmable
LEDirect	NaturaLED	LED14PAR30L/DIM/FL/30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	789.0	3,000	25,000	3/6/2012	Dimmable
LEDirect	NaturaLED	LED14PAR30L/DIM/NFL/27K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	723.0	2,700	25,000	3/20/2012	Dimmable
LEDirect	NaturaLED	LED14PAR30L/DIM/NFL/30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	789.0	3,000	25,000	3/6/2012	Dimmable
LEDirect	NaturaLED	LED17PAR38/DIM/FL/27K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	928.0	2,700	25,000	3/20/2012	Dimmable
LEDirect	NaturaLED	LED17PAR38/DIM/NFL/30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	988.0	3,000	25,000	3/6/2012	Dimmable
LEDirect	NaturaLED	LED17PAR38L/DIM/NFL/27K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	928.0	2,700	25,000	3/20/2012	Dimmable
LEDirect	NaturaLED	LED6MR16/NFL/30K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.0	321.0	3,000	25,000	1/12/2012	
LEDirect	NaturaLED	LED9PAR20/DIM/NFL/30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	477.0	3,000	25,000	12/19/2011	Dimmable
LEDirect	NaturaLED	LHO-4.5MR16/NFL/WW	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.26	193.8	3,000	25,000	3/2/2011	
LEDirect	NaturaLED	LHO-4.5MR16/NFL/WW	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.26	194.0	3,000	25,000	12/15/2011	
LEDnovation, Inc.	LEDnovation EnhanceLite	LED-PAR20-50-1WD-INFE	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	6.04	358.9	3,000	25,000	9/29/2011	Dimmable
LEDnovation, Inc.	LEDnovation EnhanceLite	LED-PAR30S-75-1WD-INFE	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.57	813.6	3,000	25,000	11/4/2011	Dimmable
LEDnovation, Inc.	LEDnovation EnhanceLite	LED-PAR38-90-1WD-INFE	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.29	914.3	3,000	25,000	1/17/2012	Dimmable

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Lemnis Inc.	Pharox	101300	Non - Standard	PG&E,SCE,SDG&E	5.56	326.0	3,000	25,000	12/13/2011	
Lightel Technologies, Inc.	ALEDDRA	PAR30-S-D-30-30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	535.0	3,000	25,000	1/25/2012	Dimmable
Lightel Technologies, Inc.	ALEDDRA	PAR30-S-D-30-40K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	568.0	4,100	25,000	1/25/2012	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 NW FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.81	282.0	4,000	35,000	10/8/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 NW FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.81	282.0	4,000	25,000	12/6/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 NW NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.92	275.7	4,000	35,000	10/18/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 NW NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.92	275.0	4,000	25,000	12/7/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 W27 FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.52	246.0	2,700	35,000	10/18/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 W27 FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.5	246.0	2,700	25,000	1/14/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 W27 NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.415	246.8	2,700	35,000	10/18/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 W27 NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.4	247.0	2,700	25,000	1/14/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 WW FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.75	257.9	3,000	35,000	1/24/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 WW FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.85	263.3	3,000	25,000	10/20/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 WW FL GU10	Non - Standard	PG&E,SCE,SDG&E	6.0	332.7	3,000	25,000	3/28/2012	
Lighting Science Group, Corp	Definity	DFN 16 WW NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.62	258.1	3,000	35,000	1/24/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 WW NFL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.85	262.4	3,000	25,000	10/20/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 16 WW NFL 120 E26	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	6.0	303.5	3,000	25,000	3/29/2012	
Lighting Science Group, Corp	Definity	DFN 16 WW NFL GU10	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.6	312.0	3,000	25,000	3/29/2012	
Lighting Science Group, Corp	Definity	DFN 19 NW	Non - Standard	PG&E,SCE,SDG&E	8.0	411.5	4,000	50,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 19 WW	Non - Standard	PG&E,SCE,SDG&E	8.0	389.5	3,000	50,000	7/7/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 NW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.069	367.1	4,000	35,000	10/14/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 NW NFL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.07	367.1	4,000	25,000	10/29/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 W27 V2 FL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.355	375.5	2,700	25,000	3/22/2012	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 WW FL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.13	321.0	3,000	25,000	11/17/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 WW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.85	329.6	3,000	50,000	12/20/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 20 WW NFL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.85	330.0	3,000	25,000	11/12/2010	Dimmable

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Lighting Science Group, Corp	Definity	DFN 25 NW	G - Globe	PG&E,SCE,SDG&E	8.01	441.7	4,000	35,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 25 NW 120	G - Globe	PG&E,SCE,SDG&E	8.01	441.7	4,000	15,000	12/7/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 25 W27	G - Globe	PG&E,SCE,SDG&E	7.98	384.9	2,700	35,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 25 WW	G - Globe	PG&E,SCE,SDG&E	8.18	442.1	3,000	35,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 25 WW 120	G - Globe	PG&E,SCE,SDG&E	8.18	442.0	3,000	15,000	11/17/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 NW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.25	779.8	4,000	50,000	4/5/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 NW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.22	821.6	4,000	50,000	9/27/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 NW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.22	822.0	4,000	25,000	10/19/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 NW SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.32	825.2	4,000	50,000	4/5/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 W27 FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.37	721.1	2,700	25,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 W27 FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.37	721.7	2,700	25,000	1/14/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 W27 NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.23	702.5	2,700	25,000	3/31/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 W27 NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.23	702.0	2,700	25,000	1/14/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.17	761.2	3,000	25,000	5/25/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW FL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.17	761.0	3,000	25,000	12/10/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.37	752.4	3,000	25,000	5/25/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW NFL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.37	752.0	3,000	25,000	12/13/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.11	713.8	3,000	25,000	5/25/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW V2 FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.6	1013.0	3,000	25,000	3/28/2012	Dimmable
Lighting Science Group, Corp	Definity	DFN 30 WW V2 SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.4	1029.0	3,000	25,000	3/28/2012	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 NW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.37	936.8	4,000	50,000	10/7/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 NW FL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.37	936.8	4,000	25,000	10/28/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 NW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.07	970.0	4,000	50,000	10/7/2010	Dimmable

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Lighting Science Group, Corp	Definity	DFN 38 NW NFL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.07	970.0	4,000	25,000	11/12/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 NW SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.33	994.1	4,000	50,000	12/17/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 NW SP 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.3	994.1	4,000	25,000	10/28/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 WW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.2	890.7	3,000	25,000	4/6/2011	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 WW NFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.22	894.6	3,000	25,000	9/21/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 WW NFL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.22	904.0	3,000	25,000	9/27/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 WW SP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.4	877.4	3,000	25,000	10/7/2010	Dimmable
Lighting Science Group, Corp	Definity	DFN 38 WW SP 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18	850.0	3,000	25,000	10/12/2010	Dimmable
Lights of America	Lights of America	2202LEDNR30-LF3	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.28	743.1	3,000	25,000	2/24/2012	
Lights of America	Lights of America	2203LEDNP38-LF3	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.66	877.5	3,000	25,000	3/28/2012	
Lights of America	Lights of America	22149DLEDS-LF3	Non - Standard	PG&E,SCE,SDG&E	9.8	577.5	3,000	25,000	8/19/2011	Dimmable
Lights of America	Lights of America	2425LEDE12-LF3	C - Candle	PG&E,SCE,SDG&E	2.351	128.7	3,000	25,000	2/14/2012	
Lights of America	Lights of America	2949DLEDS-LF3	Non - Standard	PG&E,SCE,SDG&E	8.25	451.4	3,000	25,000	12/22/2011	Dimmable
Litetrionics International Inc.	Litetrionics	LP10562FL4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.45	603.0	3,000	25,000	1/30/2012	Dimmable
Litetrionics International Inc.	Litetrionics	LP10564FL4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.49	594.0	3,000	25,000	2/9/2012	Dimmable
Litetrionics International Inc.	Litetrionics	LP10564SP4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.49	594.0	3,000	25,000	2/9/2012	Dimmable
Litetrionics International Inc.	Litetrionics	LP10566FL4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.17	585.0	3,000	25,000	1/30/2012	Dimmable
Litetrionics International Inc.	Litetrionics	LP15566FL4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.22	929.0	3,000	25,000	1/30/2012	Dimmable
Litetrionics International Inc.	Litetrionics	LP15566SP4D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.22	929.0	3,000	25,000	2/9/2012	Dimmable
Lotus LED Lights	LOTUS LED LIGHTS	LL10PAR38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1011.0	3,000	25,000	3/9/2012	Dimmable
Lotus LED Lights	LOTUS LED LIGHTS	LL6PAR30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	666.0	3,000	25,000	3/9/2012	Dimmable
Lowe's Home Improvement	Utilitech	0338898	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.09	315.7	3,000	30,000	8/5/2011	Dimmable
Lowe's Home Improvement	Utilitech	338900	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.5	650.0	3,000	30,000	9/7/2011	Dimmable

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Lowe's Home Improvement	Utilitech	0338902	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.62	889.0	3,000	30,000	8/5/2011	Dimmable
Lowe's Home Improvement	Utilitech	338929	BR - Bulged Reflector	PG&E,SCE,SDG&E	12.0	650.0	2,700	25,000	3/19/2012	Dimmable
Main Power Electrical (Guiyang) Co., Ltd.	GY Main Power	MPL101M450	Non - Standard	PG&E,SCE,SDG&E	8.0	485.0	3,000	25,000	1/30/2012	
Main Power Electrical (Guiyang) Co., Ltd.	GY Main Power	MPL103M600	Non - Standard	PG&E,SCE,SDG&E	9.9	581.0	3,000	25,000	1/30/2012	
Maxlite	MaxLED	HCG08DLED30	G - Globe	PG&E,SCE,SDG&E	8.0	415.0	3,000	25,000	1/26/2012	Dimmable
Maxlite	MaxLED	HCR3011FLDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	560.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKG08DLED30	G - Globe	PG&E,SCE,SDG&E	8.0	415.0	3,000	25,000	1/26/2012	Dimmable
Maxlite	MaxLED	SKR2007FLDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	350.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKR2007SPDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	7.0	345.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKR3011FLDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	560.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKR3011SPDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	535.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKR3817FLDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	820.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLED	SKR3817SPDLED30	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	840.0	3,000	25,000	2/17/2012	Dimmable
Maxlite	MaxLite	SKMR1604.5WWLED	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.26	194.0	3,000	25,000	12/15/2011	
MSI SSL	MSI	iPAR30S27101N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.9	616.0	2,700	25,000	1/31/2012	
MSI SSL	MSI	iPAR30S27161N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.8	595.0	2,700	25,000	1/31/2012	
MSI SSL	MSI	iPAR30S27221N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.3	623.0	2,700	25,000	1/31/2012	
MSI SSL	MSI	iPAR3830161N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.09	663.0	3,000	25,000	11/23/2011	
MSI SSL	MSI, SSL	iPAR3830101D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.25	784.6	3,000	25,000	2/7/2012	Dimmable
MSI SSL	MSI, SSL	iPAR3830161D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.264	756.7	3,000	25,000	3/16/2012	Dimmable
MSI SSL	PAR38 Non-Dimmable	iPAR3827221N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.04	592.3	2,700	25,000	5/10/2011	
MSI SSL	PAR38 Non-Dimmable	iPAR3830101N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.3	650.6	3,000	25,000	4/18/2011	
MSI SSL	PAR38 Non-Dimmable	iPAR3830221N	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.38	635.6	3,000	25,000	5/10/2011	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSMR16 140L 40K M60	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.0	139.0	4,100	25,000	1/20/2012	

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Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSMR16 140L M60	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.0	139.0	3,000	25,000	1/17/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 40K DIM M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	1266.0	4,100	25,000	2/20/2012	Dimmable
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 40K M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.7	1298.0	4,000	25,000	2/15/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 45 40K DIM M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	1275.0	4,100	25,000	2/20/2012	Dimmable
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 45 40K M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.5	1285.0	4,000	25,000	2/15/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 45 DIM M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	1280.0	2,700	25,000	2/20/2012	Dimmable
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L 45 M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.5	1305.0	2,700	25,000	2/15/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L DIM M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	1232.0	2,700	25,000	2/20/2012	Dimmable
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 1200L M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.5	1242.0	2,700	25,000	2/15/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 900L 40K R9 M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.5	952.0	4,000	25,000	2/20/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 900L GU24 R9 M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.7	947.0	2,700	25,000	2/20/2012	
Neonlite Electronic & Lighting (H.K.) Ltd.	acculamp	ALSP38 900L R9 M24	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.7	947.0	2,700	25,000	2/20/2012	
Nexus Lighting Inc.	array	AACMMR162715	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.1	288.0	2,700	25,000	1/19/2012	Dimmable
Nexus Lighting Inc.	array	AACMMR162725	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.9	277.0	2,700	25,000	3/2/2012	Dimmable
Nexus Lighting Inc.	array	AACMMR163015	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.9	292.0	3,000	25,000	1/27/2012	Dimmable
Nexus Lighting Inc.	array	AACMMR163025	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.01	298.0	3,000	25,000	3/2/2012	Dimmable
Nexus Lighting Inc.	array	AE26R3083025	BR - Bulged Reflector	PG&E,SCE,SDG&E	8.0	490.0	3,000	50,000	2/10/2012	Dimmable
Nexus Lighting Inc.	array	AE26R3083060	BR - Bulged Reflector	PG&E,SCE,SDG&E	8.0	486.0	3,000	50,000	2/10/2012	Dimmable
Nexus Lighting Inc.	Array Lighting	AE26PAR38183025	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.95	928.8	3,000	25,000	3/15/2011	Dimmable
Nexus Lighting Inc.	Array Lighting	AE26R3083025	R - Reflector	PG&E,SCE,SDG&E	8.0	489.7	3,000	25,000	10/14/2010	Dimmable
Nexus Lighting Inc.	Array Lighting	AE26R3083060	R - Reflector	PG&E,SCE,SDG&E	8.1	486.0	3,000	25,000	10/14/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/827/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.1	550.0	2,700	25,000	3/12/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/827/WSP15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.1	572.0	2,700	50,000	3/12/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	591.0	3,000	50,000	3/13/2012	Dimmable

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OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	591.0	3,000	50,000	3/13/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/830/SP10	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.2	576.0	3,000	50,000	3/12/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR30/DIM/SG/830/WSP15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.2	570.0	2,700	50,000	3/13/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED10PAR38/SG/830/WSP15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.63	667.0	3,000	50,000	3/8/2012	
OSRAM SYLVANIA	Sylvania	LED15BR30/DIM/827	BR - Bulged Reflector	PG&E,SCE,SDG&E	14.0	776.0	2,700	25,000	3/8/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED15BR30/DIM/827/HVP	BR - Bulged Reflector	PG&E,SCE,SDG&E	14.0	776.0	2,700	25,000	3/8/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40/CD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40/CD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30/DIM/P/930/FL40/HVPCD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.066	844.0	3,000	25,000	12/21/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.23	721.1	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.69	674.8	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.69	674.8	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.74	743.7	3,000	25,000	10/22/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.69	674.8	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.74	743.7	3,000	25,000	10/22/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/830/NFL25/HVPC	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.69	674.8	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/ES/830/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.78	720.0	3,000	25,000	11/19/2010	Dimmable

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OSRAM SYLVANIA	Sylvania	LED15PAR30LN/DIM/ES/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.74	743.7	3,000	25,000	10/22/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR38/SG/827/SP10	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.1	811.0	2,700	50,000	3/12/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED15PAR38/SG/830/SP10	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.9	786.0	3,000	25,000	7/19/2011	
OSRAM SYLVANIA	Sylvania	LED15PAR38/SG/830/SP10/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.9	786.0	3,000	25,000	7/19/2011	
OSRAM SYLVANIA	Sylvania	LED15PAR38/SG/830/WSP12	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.9	786.0	3,000	25,000	7/19/2011	
OSRAM SYLVANIA	Sylvania	LED15PAR38/SG/830/WSP15	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.9	786.0	3,000	25,000	7/19/2011	
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25/CDN	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/DIM/P/930/NFL25/HVP/CD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/GU24/DIM/P/930/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED17PAR30LN/GU24/DIM/P/930/NFL25/CDN	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.16	942.7	3,000	25,000	3/9/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/827/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.25	868.0	2,700	25,000	8/1/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/827/FL40/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.25	868.0	2,700	25,000	8/1/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/827/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.43	885.0	2,700	25,000	8/1/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/830/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.46	923.1	3,000	50,000	2/23/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.86	911.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.86	911.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.86	911.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/830/NFL25/HVPC	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.86	911.2	3,000	50,000	2/2/2011	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/840/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	964.0	4,100	25,000	3/13/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/840/FL40/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.0	964.0	4,100	25,000	3/13/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED18PAR38/DIM/ES/830/FL40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.46	923.1	3,000	25,000	12/13/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/827/FL36	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.54	230.0	2,700	35,000	3/13/2012	
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/827/FL36/HVP	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.54	230.0	2,700	35,000	3/13/2012	
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/830/FL36	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.87	271.0	3,000	35,000	2/25/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/830/NFL25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.74	258.3	3,000	35,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/830/NFL25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.74	258.3	3,000	35,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED6MR16/DIM/830/NFL25/HVP	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.74	258.3	3,000	35,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8/PAR20/DIM/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.1	341.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/ES/F/830	G - Globe	PG&E,SCE,SDG&E	8.43	434.7	3,000	15,000	12/22/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/827	G - Globe	PG&E,SCE,SDG&E	8.0	444.0	2,700	15,000	3/5/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/827/HVP	G - Globe	PG&E,SCE,SDG&E	8.0	444.0	2,700	15,000	3/5/2012	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/830	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.26	442.6	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/830/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.26	442.6	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/830/HVP	G - Globe	PG&E,SCE,SDG&E	8.43	434.7	3,000	15,000	12/22/2010	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/830/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.26	442.6	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8G25/DIM/F/830/HVPC	G - Globe	PG&E,SCE,SDG&E	8.26	442.6	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/827/FL36	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	346.0	2,700	25,000	8/30/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/827/FL36/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	346.0	2,700	25,000	8/30/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/830/FL36	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.3	334.0	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.1	341.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/830/NFL25/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.1	341.2	3,000	50,000	2/2/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/H/830/FL36	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.12	407.0	3,000	25,000	10/27/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/H/830/FL36/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.12	407.0	3,000	25,000	11/18/2011	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/H/830/FL36/HVP	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.12	407.0	3,000	25,000	10/27/2011	Dimmable
OSRAM SYLVANIA	Sylvania	LED8PAR20/DIM/H/830/NFL25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.12	409.0	3,000	25,000	10/27/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26A60	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.52	817.4	2,700	25,000	6/13/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.52	817.4	2,700	25,000	6/13/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.03	832.4	2,700	25,000	12/20/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.03	832.4	2,700	25,000	12/20/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.52	817.4	2,700	25,000	6/13/2011	Dimmable
Philips Lighting Company	AmbientLED	12E26PAR30L-E2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	665.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	AmbientLED	17E26PAR38-E2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	871.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	AmbientLED	9E26A19DCAAAA	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.77	507.5	2,700	25,000	6/24/2011	Dimmable
Philips Lighting Company	AmbientLED	9E26A19DCAAAA	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.77	507.5	2,700	25,000	6/24/2011	Dimmable
Philips Lighting Company	AmbientLED	SKU No. is 046677410285	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.09	665.0	85	25,000	10/12/2011	Dimmable
Philips Lighting Company	AmbientLED	SKU No. is 046677410292	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.32	871.0	85	25,000	10/12/2011	Dimmable
Philips Lighting Company	EnduraLED	11E26PAR30L	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.59	439.2	2,700	50,000	3/8/2011	
Philips Lighting Company	EnduraLED	11E26PAR30L-E	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.21	511.2	2,700	50,000	3/23/2011	Dimmable
Philips Lighting Company	EnduraLED	11E26PAR30L-E	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.25	507.8	3,000	40,000	3/23/2011	Dimmable
Philips Lighting Company	EnduraLED	11E26PAR30S-E	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.36	511.8	3,000	25,000	3/23/2011	Dimmable
Philips Lighting Company	EnduraLED	11E26PAR30S-E	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.41	516.9	2,700	25,000	3/23/2011	Dimmable
Philips Lighting Company	EnduraLED	12E26A60	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.52	817.4	2,700	25,000	6/13/2011	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Philips Lighting Company	EnduraLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.03	832.4	2,700	25,000	12/20/2011	Dimmable
Philips Lighting Company	EnduraLED	12E26A60-1	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	12.52	817.4	2,700	25,000	6/13/2011	Dimmable
Philips Lighting Company	EnduraLED	12E26P30LDBAAAA	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	641.0	2,700	25,000	1/10/2012	Dimmable
Philips Lighting Company	EnduraLED	12E26P30LDBAABA	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	709.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	12E26PAR30L-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	667.0	2,700	45,000	3/23/2012	Dimmable
Philips Lighting Company	EnduraLED	12E26PAR30L-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	723.0	3,000	45,000	3/23/2012	Dimmable
Philips Lighting Company	EnduraLED	12E26PAR30S-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	667.0	2,700	25,000	12/9/2011	Dimmable
Philips Lighting Company	EnduraLED	12E26PAR30S-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.0	728.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	13E26PAR38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.7	620.0	3,000	25,000	11/12/2010	
Philips Lighting Company	EnduraLED	13E26PAR38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.71	619.3	3,000	45,000	3/8/2011	
Philips Lighting Company	EnduraLED	13E26PAR38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	13.26	595.7	3,000	45,000	4/20/2011	
Philips Lighting Company	EnduraLED	13E26PAR38	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	12.8	623.0	3,000	25,000	11/19/2010	
Philips Lighting Company	EnduraLED	17E26P38DBAAAAA	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	866.0	2,700	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	17E26P38DBAABA	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	970.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	17E26PAR38-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	901.0	2,700	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	17E26PAR38-E1	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	965.0	3,000	25,000	1/5/2012	Dimmable
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.671	152.6	2,700	45,000	3/8/2011	
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.67	152.0	2,700	25,000	10/20/2010	
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.677	165.3	3,000	45,000	3/8/2011	
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.68	165.0	3,000	25,000	10/25/2010	
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.759	183.6	4,000	45,000	3/8/2011	
Philips Lighting Company	EnduraLED	4GU5.3MR16-1	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.76	183.6	4,000	25,000	10/25/2010	
Philips Lighting Company	EnduraLED	9E26A19DCAAAA	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.77	507.5	2,700	25,000	6/24/2011	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Sharp Electronics Corporation	Sharp	DLL12P3030A	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.27	689.0	3,000	25,000	9/2/2011	Dimmable
Sharp Electronics Corporation	Sharp	DLL12P3040A	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.22	632.0	4,100	25,000	9/2/2011	Dimmable
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-MR16-3BV25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.4	307.5	2,700	25,000	3/14/2012	
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-PAR30-6B	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	666.0	3,000	25,000	2/15/2012	Dimmable
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-PAR30-6BV25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	10.0	666.0	3,000	25,000	3/9/2012	Dimmable
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-PAR38-10B	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1011.0	3,000	25,000	2/15/2012	Dimmable
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-PAR38-10BV25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	3/9/2012	Dimmable
Shenzhen Mester Optoelectronic Technology Co.,Ltd.	Mester	MS-PAR38-10BV40	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	1100.0	3,000	25,000	3/9/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/15/30K/18W/975/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.86	1053.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/15/30K/18W/975/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.86	1053.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/15/30K/18W/975/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.86	1053.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/25/30K/18W/975/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.1	976.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/25/30K/18W/975/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.1	976.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/25/30K/18W/975/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.1	976.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/40/30K/18W/975/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.81	1023.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/40/30K/18W/975/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.81	1023.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR30LN/40/30K/18W/975/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.81	1023.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1100/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1100/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1100/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/24/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1250/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1301.0	3,000	25,000	1/25/2012	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1250/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1301.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/15/30K/21W/1250/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1301.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1100/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1113.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1100/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1113.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1100/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.0	1113.0	3,000	25,000	12/12/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1250/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.42	1269.0	3,000	25,000	12/15/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1250/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.42	1269.0	3,000	25,000	12/15/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/25/30K/21W/1250/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.42	1269.0	3,000	25,000	12/15/2011	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1100/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1100/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1100/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.83	1200.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1250/BK/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.04	1284.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1250/GY/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.04	1284.0	3,000	25,000	1/25/2012	Dimmable
Solais Lighting, Inc.	Solais Lighting, Inc.	LR38/40/30K/21W/1250/WH/ES	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	21.04	1284.0	3,000	25,000	1/25/2012	Dimmable
Standard Products, Inc.	FlexLED	59902	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	342.0	3,000	25,000	3/22/2012	Dimmable
Standard Products, Inc.	FlexLED	59903	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.0	383.7	4,000	25,000	3/21/2012	Dimmable
Standard Products, Inc.	FlexLED	59906	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	789.0	3,000	25,000	3/22/2012	Dimmable
Standard Products, Inc.	FlexLED	59907	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.0	832.0	4,000	25,000	3/21/2012	Dimmable
Standard Products, Inc.	FlexLED	59912	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.943	907.0	3,000	25,000	3/1/2012	Dimmable
Standard Products, Inc.	FlexLED	59913	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.7	979.0	4,000	25,000	3/29/2012	Dimmable
Standard Products, Inc.	FlexLED	60036	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.7	285.6	3,000	25,000	3/27/2012	
Standard Products, Inc.	FlexLED	60037	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.6	301.0	4,000	25,000	3/27/2012	

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Standard Products, Inc.	FlexLED	61193	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.05	949.4	3,000	25,000	3/1/2012	Dimmable
Standard Products, Inc.	Standard	60911	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	6/28/2011	Dimmable
Standard Products, Inc.	Standard	60912	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	610.0	3,000	40,000	6/28/2011	Dimmable
Standard Products, Inc.	Standard	60914	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	11/11/2011	
Standard Products, Inc.	Standard	60947	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	280.0	3,000	40,000	11/11/2011	Dimmable
Sunpark Electronics Corporation	Sunpark	A-D7W	Non - Standard	PG&E,SCE,SDG&E	7.0	380.0	3,000	40,000	3/2/2012	Dimmable
Sunpark Electronics Corporation	Sunpark	Par30-D11W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	555.0	3,000	40,000	3/2/2012	Dimmable
Sunpark Electronics Corporation	Sunpark	Par30F-D11W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	11.0	550.0	3,000	40,000	3/2/2012	Dimmable
Sunpark Electronics Corporation	Sunpark	Par38-D17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	900.0	3,000	40,000	3/2/2012	Dimmable
Sunpark Electronics Corporation	Sunpark	Par38F-D17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	820.0	3,000	40,000	3/2/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LDCT3WH30K	C - Candle	PG&E,SCE,SDG&E	2.3	90.0	3,000	25,000	2/29/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED11E26BR3027K	BR - Bulged Reflector	PG&E,SCE,SDG&E	11.0	750.0	2,700	25,000	3/15/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED14E26BR3030K	BR - Bulged Reflector	PG&E,SCE,SDG&E	14.0	850.0	3,000	25,000	2/29/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED14E26P3027KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	820.0	2,700	25,000	2/8/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED14E26P3027KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	820.0	2,700	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED14E26P3030KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	820.0	3,000	25,000	10/10/2011	Dimmable
Technical Consumer Products, Inc.	TCP	LED14E26P3030KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	820.0	3,000	25,000	10/10/2011	Dimmable
Technical Consumer Products, Inc.	TCP	LED17E26P3827KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	920.0	2,700	25,000	2/29/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED17E26P3827KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	950.0	2,700	25,000	2/29/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED17E26P3830KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	1050.0	3,000	25,000	11/4/2011	Dimmable
Technical Consumer Products, Inc.	TCP	LED17E26P3830KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	1050.0	3,000	25,000	11/4/2011	Dimmable
Technical Consumer Products, Inc.	TCP	LED8E26A1930K	Non - Standard	PG&E,SCE,SDG&E	8.0	470.0	3,000	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED9E26P2027KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	450.0	2,700	25,000	2/7/2012	Dimmable

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Technical Consumer Products, Inc.	TCP	LED9E26P2027KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	450.0	2,700	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED9E26P2030KFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	500.0	3,000	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	LED9E26P2030KNFL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	500.0	3,000	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	RLA8W30K	Non - Standard	PG&E,SCE,SDG&E	8.0	470.0	3,000	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	RLBR3012W27K	BR - Bulged Reflector	PG&E,SCE,SDG&E	12.0	650.0	2,700	25,000	2/29/2012	Dimmable
Technical Consumer Products, Inc.	TCP	RLP209W30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	500.0	3,000	25,000	2/7/2012	Dimmable
Technical Consumer Products, Inc.	TCP	RLP3014W30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	820.0	3,000	25,000	10/10/2011	Dimmable
Technical Consumer Products, Inc.	TCP	RLP3817W30K	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	1050.0	3,000	25,000	11/4/2011	Dimmable
The Home Depot	ecosmart	ECS 16 WW FL	MR - Multifaceted reflector	PG&E,SCE,SDG&E	5.9	272.0	3,000	25,000	1/6/2011	Dimmable
The Home Depot	EcoSmart	ECS 19 WW 120	Non - Standard	PG&E,SCE,SDG&E	7.7	385.0	3,000	50,000	7/7/2011	Dimmable
The Home Depot	ecosmart	ECS 25 WW	G - Globe	PG&E,SCE,SDG&E	7.83	405.0	3,000	15,000	1/13/2011	Dimmable
The Home Depot	EcoSmart	ECS 25 WW	G - Globe	PG&E,SCE,SDG&E	7.83	404.5	3,000	35,000	3/31/2011	Dimmable
The Home Depot	EcoSmart	ECS 30 V2 WW FL 120	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.47	1008.0	3,000	50,000	12/6/2011	Dimmable
The Home Depot	ecosmart	ECS 30 WW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.37	719.0	3,000	25,000	1/6/2011	Dimmable
The Home Depot	ecosmart	ECS 38 WW FL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	18.71	883.0	3,000	25,000	1/6/2011	Dimmable
The Home Depot	EcoSmart	ECS A19 V2 WW	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	13.031	822.0	3,000	25,000	1/17/2012	Dimmable
Toshiba International Corporation	Toshiba	LDAB0827WE6USD	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.17	490.0	2,700	25,000	2/3/2012	Dimmable
Toshiba International Corporation	Toshiba	LDAB0840WE6USD	A - Arbitrary (standard incandescent shape)	PG&E,SCE,SDG&E	8.14	530.0	4,000	25,000	2/3/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRA0727MU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.7	280.2	2,700	25,000	1/21/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRA0727NU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.2	274.0	2,700	25,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRA0730MU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.7	302.2	3,000	25,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRA0730NU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.2	276.3	3,000	25,000	11/29/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRA0730WU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.7	303.9	3,000	25,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRA0740NU5USD	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.2	285.8	4,000	25,000	11/29/2011	Dimmable

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Toshiba International Corporation	Toshiba	LDRB0927ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	366.5	2,700	40,000	1/5/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB0927NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.6	394.0	2,700	40,000	11/29/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB0930ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	385.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB0930NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	8.6	382.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1627ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.1819	755.0	2,700	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1627NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	668.0	2,700	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1627NE6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	660.0	2,700	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1627WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	759.8	2,700	25,000	2/23/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB1627WE6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	747.6	2,700	25,000	2/14/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	757.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630ME6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	777.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	691.0	3,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630NE6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	681.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	781.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1630WE6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.3	766.0	3,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1640NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	717.0	4,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB1640NE6USDL	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.6	712.0	4,000	40,000	11/21/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2027ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	948.6	2,700	40,000	1/5/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2027ME6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1202.4	2,700	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2027NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.2	717.0	2,700	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2027WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	964.6	2,700	40,000	1/5/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2027WE6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1202.1	2,700	25,000	3/2/2012	Dimmable

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Toshiba International Corporation	Toshiba	LDRB2030ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	931.0	3,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2030ME6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1235.4	3,000	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2030NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.2	880.0	3,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2030WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	945.0	3,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2030WE6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1243.0	3,000	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2035ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	986.6	3,500	40,000	1/11/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2035ME6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1207.7	3,500	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2035NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.2	893.0	3,500	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2035WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1013.2	3,500	40,000	1/11/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2035WE6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1237.2	3,500	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2040ME6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	984.5	4,000	40,000	1/11/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2040ME6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1293.1	4,000	25,000	3/2/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2040NE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.2	876.0	4,000	40,000	11/18/2011	Dimmable
Toshiba International Corporation	Toshiba	LDRB2040WE6USD	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1026.9	4,000	40,000	1/11/2012	Dimmable
Toshiba International Corporation	Toshiba	LDRB2040WE6USD2	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	20.3	1305.7	4,000	25,000	3/2/2012	Dimmable
Turolight Inc.	Turolight	VIV-PAR20/6W/30/FL/D	R - Reflector	PG&E,SCE,SDG&E	6.0	250.0	3,000	40,000	2/8/2012	Dimmable
Turolight Inc.	Turolight	VIV-PAR30/10W/30/FL/LN/D	R - Reflector	PG&E,SCE,SDG&E	10.0	450.0	3,000	40,000	2/8/2012	Dimmable
Verbatim Americas	Verbatim	M16ES-L330-C30-B25	MR - Multifaceted reflector	PG&E,SCE,SDG&E	6.0	321.0	3,000	25,000	1/12/2012	
Verbatim Americas	Verbatim	P20ES-L500-C30-B25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	477.0	3,000	25,000	12/12/2011	Dimmable
Verbatim Americas	Verbatim	P30ES-LN-L740-C27-B25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	723.0	2,700	25,000	12/19/2011	Dimmable
Verbatim Americas	Verbatim	P30ES-LN-L800-C30-B25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	14.0	789.0	3,000	25,000	12/12/2011	Dimmable
Verbatim Americas	Verbatim	P38ES-L1000-C30-B25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	988.0	3,000	25,000	12/12/2011	Dimmable
Verbatim Americas	Verbatim	P38ES-L920-C27-B25	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	928.0	2,700	25,000	12/19/2011	Dimmable

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Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W 25Å° 3000K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.22	237.4	3,000	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W 25Å°2700K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.17	254.8	2,700	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W 35Å°2700K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.39	250.3	2,700	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W 35Å°3000K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.39	269.2	3,000	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W-E 15Å°2700K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.07	217.9	2,700	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL81B103-4.5W-E 15Å°3000K	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.09	227.7	3,000	25,000	2/24/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL89D101-20 3000K 25Å°	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.3	1129.0	3,000	25,000	1/12/2012	
Xiamen Topstar Lighting Co., Ltd.	Topstar	TSL89D101-20 3000K 40Å°	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	19.3	1093.0	3,000	25,000	1/12/2012	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKA60B1-8W-D	Non - Standard	PG&E,SCE,SDG&E	8.0	450.0	3,000	40,000	2/23/2012	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKA60G1-12W-D	Non - Standard	PG&E,SCE,SDG&E	12.0	800.0	2,700	25,000	3/20/2012	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKA60G1-7.5W-D	Non - Standard	PG&E,SCE,SDG&E	7.5	450.0	2,700	25,000	3/20/2012	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKLCE03A-Clear	C - Candle	PG&E,SCE,SDG&E	2.65	119.6	3,000	40,000	9/28/2011	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKLG03A-Frost	G - Globe	PG&E,SCE,SDG&E	2.74	118.6	3,000	40,000	9/27/2011	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKMR16C1-4W	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.78	169.0	3,000	40,000	12/15/2011	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKPAR38B1-17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.78	774.8	3,000	40,000	12/1/2011	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKPAR38B1-17W(40D)	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	1/10/2012	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKPAR38B1-17W-D	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	16.21	745.1	3,000	40,000	12/20/2011	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKPAR38B1-17W-D(40D)	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	1/10/2012	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKR20B1-6W-D	R - Reflector	PG&E,SCE,SDG&E	5.13	250.1	3,000	40,000	10/20/2011	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKR30B2-10W	R - Reflector	PG&E,SCE,SDG&E	9.6	471.4	3,000	40,000	12/20/2011	
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKR30B2-10W(35D)	R - Reflector	PG&E,SCE,SDG&E	9.6	471.4	3,000	40,000	12/20/2011	

MANUFACTURER	BRAND	MODEL	MODEL TYPE	Utility Program Eligibility:	WATTAGE	LIGHT OUTPUT (LUMENS)	COLOR TEMPERATURE (KELVIN)	BULB LIFE (HOURS)	DATE QUALIFIED	SPECIAL FEATURES
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKR30B2-10W-D	R - Reflector	PG&E,SCE,SDG&E	10.06	462.8	3,000	40,000	12/20/2011	Dimmable
Xiamen Yankon Energetic Lighting Co., Ltd.	Yankon	YKR30B2-10W-D(35D)	R - Reflector	PG&E,SCE,SDG&E	10.06	462.8	3,000	40,000	12/20/2011	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDDG-DP38-17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	17.0	765.0	3,000	40,000	3/2/2012	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-CE-3W	C - Candle	PG&E,SCE,SDG&E	3.0	120.0	3,000	40,000	3/2/2012	
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-DP20-6W	R - Reflector	PG&E,SCE,SDG&E	5.13	250.0	3,000	40,000	3/5/2012	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-DP30-10W	R - Reflector	PG&E,SCE,SDG&E	10.06	450.0	3,000	40,000	3/5/2012	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-GE-3W	G - Globe	PG&E,SCE,SDG&E	2.74	120.0	3,000	40,000	3/5/2012	
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-M16E-4W	MR - Multifaceted reflector	PG&E,SCE,SDG&E	4.0	160.0	3,000	40,000	3/15/2012	
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-P30-10W	R - Reflector	PG&E,SCE,SDG&E	9.6	450.0	3,000	40,000	3/5/2012	
Zytech LEDS Company Limited	Zytech LED	ZYLEDG-P38-17W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	15.78	765.0	3,000	40,000	3/5/2012	
Zytech LEDS Company Limited	Zytech LED	ZYLEDW-DP202-5.5W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	5.5	270.0	3,000	25,000	3/2/2012	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDW-DP302-9W	PAR - Parabolic Aluminum Reflector	PG&E,SCE,SDG&E	9.0	480.0	3,000	40,000	3/2/2012	Dimmable
Zytech LEDS Company Limited	Zytech LED	ZYLEDW-M16-3.5W	MR - Multifaceted reflector	PG&E,SCE,SDG&E	3.5	170.0	3,000	40,000	3/5/2012	

## **F2: INTEGRAL LED LAMPS QUALIFICATION PROCESS**

Please note, ENERGY STAR® qualification for lamps must be completed prior to application submittal.

Please utilize the ENERGY STAR® LED Light Bulb application found at:

[http://www.energystar.gov/index.cfm?fuseaction=products\\_for\\_partners.showILEDL](http://www.energystar.gov/index.cfm?fuseaction=products_for_partners.showILEDL) for qualification procedures.

Once the LED integral lamp achieves the ENERGY STAR® qualification and is listed in their Qualified LED Lighting list, Section F1 will be updated. The ENERGY STAR® Qualified LED Lighting list can be accessed at:

[http://www.energystar.gov/index.cfm?fuseaction=find\\_a\\_product.showProductGroup&pgw\\_code=ILB](http://www.energystar.gov/index.cfm?fuseaction=find_a_product.showProductGroup&pgw_code=ILB).

**LED lamps intended to replace linear fluorescent or high-intensity discharge (HID) lamps are not eligible for incentives at this time.**

### F3: APPENDIX OF RESOURCES

#### ENERGY STAR® LED Light Bulbs Key Product Criteria ([http://www.energystar.gov/index.cfm?c=iledl.pr\\_key\\_product](http://www.energystar.gov/index.cfm?c=iledl.pr_key_product))

Performance Characteristics:	Current Criteria:
Correlated Color Temperature (CCT)	Nominal CCT: 2700K, 3000K, 3500K, or 4000K
Color Maintenance	The change of chromaticity over the minimum lumen maintenance test period (6000 hours) shall be within 0.007 on the CIE 1976 (u',v') diagram.
Color Quality (Color Rendering Index or CRI)	CRI $\geq$ 80, R9 $>$ 0
Dimming	If a product is dimmable, packaging must state this. Minimum efficacy, light output, CCT, CRI, and power factor of dimmable lamps will be confirmed with the lamp operated at full power.
Warranty	A warranty must be provided for lamps, covering material repair or replacement for a minimum of three (3) years from the date of purchase.
Allowable Lamp Bases	Must be a lamp base listed by ANSI.
Power Factor	For lamp power $\leq$ 5W and for low voltage lamps, no minimum power factor is required. For lamp power $\geq$ 5W, power factor must be $=$ 0.70.
Minimum Operating Temperature	Integral lamp shall have a minimum operating temperature of -20°C or below.
LED Operating Frequency	$\geq$ 120 Hz
Electromagnetic and Radio Frequency Interference	Integral LED lamp must meet the appropriate FCC requirements for consumer use (FCC 47CFR Part 15).

Audible Noise	Integral lamp shall have a Class A sound rating.
Transient Protection	Power supply shall comply with IEEE C.62.41-1991, Class A operation. The line transient shall consist of seven strikes of a 100kHz ring wave, 2.5kV level, for both common mode and differential mode.
Operating Voltage	Lamp shall operate at rated nominal voltage of 120, 240, or 277 VAC, or at 12 or 24 VAC or VDC.

### **ENERGY STAR® Program Requirements for Integral LED Lamps**

[http://www.energystar.gov/ia/partners/manuf\\_res/downloads/IntegralLampsFINAL.pdf](http://www.energystar.gov/ia/partners/manuf_res/downloads/IntegralLampsFINAL.pdf)

### **ENERGY STAR® Integral LED Lamp Specification Technical Clarifications**

**Issued August 25, 2010**

[http://www.energystar.gov/ia/partners/manuf\\_res/downloads/Integral\\_LED\\_Lamps\\_Technical\\_Clarifications.pdf](http://www.energystar.gov/ia/partners/manuf_res/downloads/Integral_LED_Lamps_Technical_Clarifications.pdf)