



XENON HALOGEN PAR20, PAR30, PAR30L, PAR38

APPLICATIONS:

General Indoor/Outdoor Lighting.

BENEFITS:

High efficiency XENON Indoor/Outdoor PAR lamps.

FEATURES:

DOE compliant.



**39W
PAR20**



**39W
PAR30**



**39W
PAR30
LONG NECK**



**60W
PAR30**



**60W
PAR30
LONG NECK**



**70W & 80W
PAR38**

ITEM #	ORDER CODE	WATTS	VOLTAGE	SHAPE	MOL	BASE	LUMENS	COLOR CCT	RATED LIFE HRS	BEAM SPREAD
39PAR20FL	79281	39	120	PAR20	3.2"	MED E26	450	2700	1,500	40°
39PAR20FL	79291	39	130	PAR20	3.2"	MED E26	430	2700	1,500	40°
39PAR20NFL	79282	39	120	PAR20	3.2"	MED E26	450	2700	1,500	25°
39PAR20NFL	79292	39	130	PAR20	3.2"	MED E26	430	2700	1,500	25°
39PAR20NSP	79283	39	120	PAR20	3.2"	MED E26	450	2700	1,500	10°
39PAR30FL	79284	39	120	PAR30	3.5"	MED E26	550	2700	1,500	40°
39PAR30FL	79294	39	130	PAR30	3.5"	MED E26	530	2700	1,500	40°
39PAR30NFL	79285	39	120	PAR30	3.5"	MED E26	550	2700	1,500	25°
39PAR30NFL	79295	39	130	PAR30	3.5"	MED E26	530	2700	1,500	25°
39PAR30NSP	79286	39	120	PAR30	3.5"	MED E26	550	2700	1,500	10°
39PAR30L/FL	79287	39	120	PAR30L	4.7"	MED E26	520	2700	1,500	40°
39PAR30L/FL	79297	39	130	PAR30L	4.7"	MED E26	500	2700	1,500	40°
39PAR30L/NFL	79288	39	120	PAR30L	4.7"	MED E26	520	2700	1,500	25°
39PAR30L/NFL	79299	39	130	PAR30L	4.7"	MED E26	500	2700	1,500	25°
60PAR30FL	79252	60	120	PAR30	3.5"	MED E26	1090	3000	1,500	30°
60PAR30SP	79253	60	120	PAR30	3.5"	MED E26	1090	3000	1,500	10°
60PAR30L/FL	79254	60	120	PAR30L	4.7"	MED E26	1090	3000	1,500	36°
60PAR30L/SP	79255	60	120	PAR30L	4.7"	MED E26	1090	3000	1,500	10°
70PAR38FL	79256	70	120	PAR38	5.2"	MED E26	1350	3000	1,500	30°
70PAR38SP	79257	70	120	PAR38	5.2"	MED E26	1350	3000	1,500	10°
80PAR38FL	79258	80	120	PAR38	5.2"	MED E26	1580	3050	1,000	40°
80PAR38SP	79259	80	120	PAR38	5.2"	MED E26	1580	3050	1,000	20°



ENHANCED HALOGEN INFRARED TECHNOLOGY PAR30, PAR30L, PAR38

APPLICATIONS:

General/Retail Indoor Lighting and Outdoor Security/Accent Lighting

BENEFITS:

High Quality Infrared Harvesting Technology. Very Long Life.

FEATURES:

Weatherproof Construction, Nickel Plated Brass Bases will not seize in sockets.



*This bulb meets Federal minimum efficiency standards.



53W PAR30
REPLACES STANDARD
75PAR30/HAL/FL

**53W PAR30
LONG NECK**
REPLACES STANDARD
75PAR30L/HAL/FL

53W PAR38
REPLACES STANDARD 60/75PAR38/HAL/FL
&
71W PAR38
REPLACES STANDARD 90PAR38/HAL/FL

ITEM #	ORDER CODE	WATTS	VOLTAGE	SHAPE	MOL	BASE	LUMENS	COLOR CCT	RATED LIFE HRS	BEAM SPREAD
53PAR30IR/FL	76392	53	120	PAR30	3.5"	MED E26	1050	2800	3,500	35°
53PAR30L/IR/FL	76393	53	120	PAR30L	4.7"	MED E26	930	2800	3,500	35°
53PAR38IR/FL	76394	53	120	PAR38	5.2"	MED E26	960	2800	3,500	35°
71PAR38IR/FL	76398	71	120	PAR38	5.2"	MED E26	1350	2850	3,500	25°
71PAR38IR/SP	76397	71	120	PAR38	5.2"	MED E26	1350	2850	3,500	10°
71PAR38IR/WFL	76399	71	120	PAR38	5.2"	MED E26	1350	2850	3,500	40°



DOE COMPLIANT A19 CLEAR AND FROSTED

APPLICATIONS:

General Indoor/Outdoor Lighting.

BENEFITS:

NEW **DOE COMPLIANT** general service household bulbs deliver approximately the same light output as their traditional and now no longer available 40, 60, 75 and 100W counterparts, but at greatly reduced energy usage.

FEATURES:

Available in 29, 43, 53 and 72 watts to replace traditional 40, 60, 75 and 100W lamps. Choice of clear and soft white finishes. Advanced Halogen technology features warm color temperatures of 2700 to 2850 Kelvin and nearly perfect color rendering indices of 99.



SOFT WHITE



CLEAR

ITEM #	ORDER CODE	WATTS	*VOLTAGE	SHAPE	MOL	BASE	LUMENS	FINISH	CCT	CRI	RATED LIFE HRS
29A19/HAL/CL	78741	29	120	A19	4.2"	MED E26	380	Clear	2700	99	1,500
43A19/HAL/CL	78743	43	120	A19	4.2"	MED E26	750	Clear	2780	99	1,500
53A19/HAL/CL	78745	53	120	A19	4.2"	MED E26	1050	Clear	2800	99	1,000
72A19/HAL/CL	78747	72	120	A19	4.2"	MED E26	1490	Clear	2850	99	1,000
29A19/HAL/SW	78742	29	120	A19	4.2"	MED E26	380	Soft White	2700	99	1,500
43A19/HAL/SW	78744	43	120	A19	4.2"	MED E26	750	Soft White	2780	99	1,500
53A19/HAL/SW	78746	53	120	A19	4.2"	MED E26	1050	Soft White	2800	99	1,000
72A19/HAL/SW	78748	72	120	A19	4.2"	MED E26	1490	Soft White	2850	99	1,000



FEATURES

- Smooth side and lighter construction compared to fin type LEDs
- For use in a variety of indoor and outdoor applications*
- Select models available with Energy Star qualification and UL wet location listing
- Dimmable down to 10% of total light output**
- Lasts up to 10X longer than traditional halogen lamps
- New ECO PAR lasts up to 15X longer than traditional halogens
- Advanced optics and thermal management
- Available in 3000K or 5000K
- Contains NO mercury



	Item #	Code	Watts	Volts	Base	Beam Spread	CRI	CCT (Kelvin)	Initial Lumens	CBCP (cd)	Avg. Rated Life	MOL in.	Equiv Wattage	Energy Star	Dimmable
PAR16	LP16/6/830/FL/D	79987	6	120V	E26	38°	82	3000	380	1063	40,000	2.8"	35	Y	Y
	LP16/6/850/FL/D	79988	6	120V	E26	38°	81	5000	360	1100	40,000	2.8"	35	-	Y
PAR20	LP20/8/830/NFL/D	79635	8	120V	E26	25°	80	3000	470	1626	40,000	3.5"	45	Y	Y
	LP20/8/850/NFL/D	79636	8	120V	E26	25°	80	5000	470	1954	25,000	3.5"	45	-	Y
PAR30	LP30/14/830/FL/D	79637	14	120V	E26	40°	80	3000	850	1332	25,000	3.5"	75	Y	Y
	LP30/14/850/FL/D	79638	14	120V	E26	40°	80	5000	850	1656	25,000	3.5"	75	-	Y
PAR30 LONG NECK	LP30L/14/830/FL/D	79639	14	120V	E26	40°	80	3000	850	1648	25,000	4.7"	75	Y	Y
	LP30L/14/850/FL/D	79640	14	120V	E26	40°	80	5000	850	1656	25,000	4.7"	75	-	Y
PAR38 ECO	LP38/14/830/FL/D NEW!	78485	14	120V	E26	40°	80	3000	980	1900	25,000	4.8"	75	-	Y
	LP38/14/850/FL/D NEW!	78486	14	120V	E26	40°	80	5000	1,060	2050	35,000	4.8"	75	-	Y
PAR38	LP38/19/830/FL/D	70638	19	120V	E26	40°	80	3000	1,250	2665	40,000	5.2"	90	Y	Y
	LP38/19/850/FL/D	70639	19	120V	E26	40°	80	5000	1,200	2564	25,000	5.2"	90	-	Y



FEATURES

- Approximately 80% energy savings vs 65W BR30
- Select models available with Energy Star qualification
- Dimmable down to 10% of total light output*
- Lasts up to 10X longer than traditional incandescent lamps
- Available in a wide variety of color temperatures
- High CRI option enhances ambiance and colors
- Title 24 compliant model available
- Contains NO mercury
- Damp location rated



BR30 GU24

BR30

BR40



	Item #	Code	Watts	Volts	Base	Beam Bpread	CRI	CCT (Kelvin)	Initial Lumens	CBCP (cd)	Avg. Rated Life	MOL In.	Equiv Wattage	Energy Star	Dimmable
R20	LR20/8/827/D	78472	8	120	E26	106°	80	2700	525	160	25,000	3.9"	50	Y	Y
	LR20/7/830/D	NEW! 78548	7	120	E26	106°	80	3000	540	185	25,000	3.9"	50	Y	Y
	LR20/7/840/D	NEW! 78550	7	120	E26	106°	80	4000	560	190	25,000	3.9"	50	Y	Y
	LR20/7/850/D	NEW! 78536	7	120	E26	106°	80	5000	580	200	25,000	3.9"	50	Y	Y
BR30	LBR30/11/827/D	78477	11	120	E26	108°	80	2700	750	260	25,000	5.2"	65	Y	Y
	LBR30/10/927/D	79113	10	120	E26	108°	94	2700	650	220	25,000	5.2"	65	Y	Y
	LBR30/11/830/D	78463	11	120	E26	108°	80	3000	750	260	25,000	5.2"	65	Y	Y
	LBR30/10/840/D	NEW! 79541	10	120	E26	108°	80	4000	800	280	35,000	5.2"	65	Y	Y
	LBR30/10/850/D	NEW! 79542	10	120	E26	108°	80	5000	830	290	25,000	5.2"	65	Y	Y
GU24	LBR30WW/11/GU24/D	78464	11	120	GU24	108°	80	3000	750	260	35,000	4.5"	65	-	Y
BR40	LBR40/13/827/D	78474	13	120	E26	105°	80	2700	850	290	25,000	6.5"	65	Y	Y
	LBR40/13/830/D	78465	13	120	E26	105°	80	3000	880	300	25,000	6.5"	65	Y	Y
	LBR40/12/840/D	NEW! 78587	12	120	E26	103°	80	4000	970	340	25,000	6.5"	75	Y	Y
	LBR40/18/830/D	78466	18	120	E26	106°	80	3000	1,230	460	25,000	6.5"	85	Y	Y
	LBR40/17/850/D	NEW! 78537	17	120	E26	103°	80	5000	1,320	500	25,000	6.5"	90	Y	Y



FEATURES

- Electronic ballast compatible – no need to bypass ballast
- Horizontal and vertical configuration
- Up to 50% energy savings over CFL
- Compatible with G24-q and GX24-q CFL base



VERTICAL



VERTICAL LONG

	Item #		Code	Watts	Volts	Base	Beam Spread	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv Wattage
PLT STYLE	LPLT13/830/H	NEW!	79882	13	120-277V	G24-q	120°	83	3000	700	50,000	5.2"	26W
	LPLT13/840/H	NEW!	79883	13	120-277V	G24-q	120°	83	4000	700	50,000	5.2"	26W
	LPLT13/830/V	NEW!	79884	13	120-277V	G24-q	120°	83	3000	900	50,000	3.6"	26W
	LPLT13/840/V	NEW!	79885	13	120-277V	G24-q	120°	83	4000	900	50,000	3.6"	26W
	LPLT13/830/VL	NEW!	79886	13	120-277V	G24-q	120°	83	3000	900	50,000	4.7"	26W
	LPLT13/840/VL	NEW!	79887	13	120-277V	G24-q	120°	83	4000	900	50,000	4.7"	26W



FEATURES

- Replacement options for 20W, 35W, 50W halogen MR16's
- Available in a variety of color temperatures for every application
- Can be used on magnetic or electronic transformers
- Select models available with Energy Star qualification
- Lasts up to 10X longer than traditional halogen lamps
- Contains NO mercury



MR16 GU10



MR11



MR16 6W



MR16 8W DIMMABLE*



	Item #	Code	Watts	Volts	Base	Beam Spread	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv Wattage	Dimmable
R12 1383	L1383/3/830/NFL	79630	3	12 VAC/DC	BA15S	30°	80	3000	120	25,000	2.6"	20	-
GBF	LGBF/WW/3/FL	79562	3	12 VAC/DC	BA15D	30°	80	3000	115	25,000	1.8"	20	-
MR11	LM11/4/830/FL	77736	4	12 VAC/DC	GU4	35°	80	3000	200	25,000	1.5"	20	-
	LM11/4/850/FL	77737	4	12 VAC/DC	GU4	35°	80	3000	220	25,000	1.5"	20	-
MR16	LM16WW/4/NFL/C	78354	4	12 VAC/DC	GU5.3	20°	75	3000	180	25,000	2"	20	-
	LM16CW/4/NFL/C	78309	4	12 VAC/DC	GU5.3	20°	75	6000	200	25,000	2"	20	-
	LM16WW/6/FL	78236	6	12 VAC/DC	GU5.3	40°	71	3000	320	25,000	2"	35	-
	LM16CW/6/FL	78235	6	12 VAC/DC	GU5.3	40°	71	6000	400	25,000	2"	35	-
	LM16/8/830/FL/D	79983	8	12 VAC/DC	GU5.3	38°	81	3000	500	25,000	2"	50	Y
	LM16/8/840/FL/D	79985	8	12 VAC/DC	GU5.3	38°	81	4000	450	25,000	2"	50	Y
	LM16/8/850/FL/D	79984	8	12 VAC/DC	GU5.3	38°	81	5000	450	25,000	2"	50	Y
GU10	LGU10/6/830/D** NEW!	78397	6	120 VAC	GU10	40°	82	3000	400	25,000	2"	50	Y
	LGU10/6/860/D** NEW!	78398	6	120 VAC	GU10	40°	82	6000	450	25,000	2"	50	Y



FEATURES

- Familiar shape perfect for household applications
- Approximately 75% energy savings vs 60W incandescent
- Select models are dimmable down to 10% of total light output*
- Lasts up to 10X longer than traditional incandescent lamps
- Select models available with Energy Star qualification
- Available in a number of styles and wattages
- Omni-directional models provide 300° of useful light
- Contains NO mercury



GLOBE



FILAMENT STYLE



OMNI-DIRECTIONAL
STYLE - GU24

NEW



ECO STYLE



	Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv Wattage	Energy Star	Dimmable	
OMNI-DIRECTIONAL STYLE	LA19/7/827/D	NEW!	79642	7	120	E26	80	2700	470	25,000	4.4"	40	Y	Y
	LA19/10/827/GU24/D	NEW!	78552	10	120	GU24	80	2700	800	25,000	4.3"	60	**	Y
	LA19/10/827/D	NEW!	79643	10	120	E26	80	2700	810	25,000	4.6"	60	Y	Y
	LA19/10/830/D	NEW!	79648	10	120	E26	80	3000	820	25,000	4.6"	60	Y	Y
ECO STYLE	LA19/7/827/ECO/D		77752	7	120	E26	80	2700	450	25,000	4.7"	40	-	Y
	LA19/7/830/ECO/D	NEW!	77780	7	120	E26	80	3000	470	25,000	4.7"	40	-	Y
	LA19/7/850/ECO/D	NEW!	77782	7	120	E26	80	5000	510	25,000	4.7"	40	-	Y
	LA19/10/827/ECO/D		77753	10	120	E26	80	2700	800	25,000	4.7"	60	-	Y
	LA19/10/830/ECO/D	NEW!	77784	10	120	E26	80	3000	830	25,000	4.7"	60	-	Y
	LA19/10/850/ECO/D	NEW!	77786	10	120	E26	80	5000	900	25,000	4.7"	60	-	Y
FILAMENT STYLE - A17	LA17/4/827/E26-61		79941	4	120	E26	80	2700	330	10,000	4.3"	40	-	-
GLOBE	LG25/8/827/D-46		79972	8	120	E26	80	2700	420	25,000	4.3"	40	-	-



FEATURES

- Available in many wattages and configurations for every application
- Warm, pleasing glow
- Lasts up to 10X longer than traditional incandescent lamps
- Perfect for chandeliers, wall sconces, ceiling fans
- Select models dimmable*
- Contains NO mercury



FILAMENT STYLE



LCTF/5



LCFF/5



DIMMABLE LB11/5

	Item #	Code	Watts	Volts	Shape	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv Wattage	Dimmable
DIMMABLE	LCFC/WW/3.5/D	79622	3.5	120V	B12 Flame Tip	E12	80	3000	250	30,000	4.7"	40	Y
	LCTC/WW/3.5/D	79624	3.5	120V	B12 Blunt Tip	E12	80	3000	250	30,000	4.1"	40	Y
	LB11/5/830/E12/D	79856	4.9	120V	B11 Blunt Tip	E12**	82	3000	315	25,000	4.2"	40	Y
	LCFF/5/830/F/D NEW!	79841	5	120V	C11 Flame Tip	E12**	80	3000	350	25,000	4.8"	40	Y
	LCTF/5/830/F/D NEW!	79843	5	120V	B11 Blunt Tip	E12**	80	3000	350	25,000	4.2"	40	Y
ECONOMY	LB10WW/2/C/E12	77555	2	120V	B10 Blunt Tip	E12	74	3000	100	15,000	3.8"	15	-
	LB10WW/2/C/E26	77561	2	120V	B10 Blunt Tip	E26	74	3000	100	15,000	3.8"	15	-
FILAMENT STYLE	LB11/2/827/E12	79942	2	120V	B11 Blunt Tip	E12	80	2700	170	10,000	3.8"	25	-
	LB11/2/827/E26	79943	2	120V	B11 Blunt Tip	E26	80	2700	170	10,000	3.8"	25	-
	LB11L/2/827/E12	79944	2	120V	B11 Long	E12	80	2700	170	10,000	4.5"	25	-



FEATURES

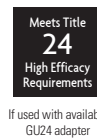
- Lasts twice as long as standard fluorescent lamps
- 2', 3' and 4' lengths
- Available in a variety of color temperatures
- Select models available with DLC certification
- Safe, easy replacement for T8 lamp & ballast systems
- Contains NO mercury
- -25°C to 45°C operating temperature range

	Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Beam Spread	Avg. Rated Life	MOL In.	DLC Approved	Dimmable
T8 CLEAR BALLAST BYPASS	L2T8/40/11/U/G2	79570	11	100-277VAC	G13	82	4000	1,000	120°	35,000	24"	-	-
	L2T8/50/11/U/G2	79572	11	100-277VAC	G13	82	5000	1,100	120°	35,000	24"	-	-
	L3T8/40/15/U/G2	79576	15	100-277VAC	G13	82	4000	1,600	120°	35,000	36"	-	-
	L3T8/50/15/U/G2	79577	15	100-277VAC	G13	82	5000	1,600	120°	35,000	36"	-	-
	L4T8/35/20/U/G2	79240	20	100-277VAC	G13	82	3500	1,900	120°	35,000	48"	-	-
	L4T8/40/20/U/G3	70657	20	100-277VAC	G13	82	4000	2,100	120°	50,000	48"	DLC	-
	L4T8/50/20/U/G3	70658	20	100-277VAC	G13	82	5000	2,100	120°	50,000	48"	DLC	-
	L4T8/65/20/U/G3	79248	20	100-277VAC	G13	82	6500	2,200	120°	50,000	48"	-	-
T8 FROSTED BALLAST BYPASS	L2T8B/840/9/U/F	NEW! 77941	9	120-277V	G13	80	4000	1,000	240°	50,000	24"	DLC	-
	L2T8B/850/9/U/F	NEW! 77942	9	120-277V	G13	80	5000	1,000	240°	50,000	24"	DLC	-
	L4T8B/840/18/U/F	NEW! 77945	18	120-277V	G13	80	4000	1,800	240°	50,000	48"	DLC	-
	L4T8B/850/18/U/F	NEW! 77946	18	120-277V	G13	80	5000	1,800	240°	50,000	48"	DLC	-
	L4T8B/865/18/U/F	NEW! 77950	18	120-277V	G13	80	6500	1,800	240°	50,000	48"	-	-
FROSTED BALLAST DIRECT	L4T8E/840/18/U/F	NEW! 77947	18	Ballast Connect	G13	80	4000	1,800	240°	50,000	48"	DLC	-
	L4T8E/850/18/U/F	NEW! 77948	18	Ballast Connect	G13	80	5000	1,800	240°	50,000	48"	DLC	-
36W LUMINAIRE	F-LED/4/36W/40/D	NEW! 79858	36	100-277V	-	>80	4000	4,300	270°	50,000	47.3"	DLC	Y



FEATURES

- Direct retrofit for existing trim/bulb combinations
- Easy installation: unit screws into socket
- Dimmable down to 10% of total light output*
- Available in different sizes and color temperatures for every application
- Select models adjustable 20° +/-
- Energy Star qualified
- Contains NO mercury



	Item #	Code	Size	Watts	CCT (Kelvin)	CRI	Initial Lumens	Avg. Rated Life	Energy Star	Dimmable	
GIMBAL	RTL/437WH/90/D	NEW!	79707	4"	8	3000	94	620	50,000	Y	Y
	RTL/447WH/90/D	NEW!	79709	4"	8	4000	95	665	50,000	Y	Y
	RTL/637WH/90/D	NEW!	79711	6"	12	3000	95	1,025	50,000	Y	Y
	RTL/647WH/90/D	NEW!	79713	6"	12	4000	95	1,100	50,000	Y	Y
SQUARE	RTL/43SQ/WH/90/D	NEW!	79715	4"	10	3000	95	715	50,000	Y	Y
	RTL/44SQ/WH/90/D	NEW!	79717	4"	10	4000	95	760	50,000	Y	Y
BAFFLE	RTL/433WH/90/D	NEW!	79719	4"	11	3000	90	750	50,000	Y	Y
	RTL/443WH/90/D	NEW!	79721	4"	11	4000	90	765	50,000	Y	Y
	RTL/RF/443WH/WH/D		70971	4"	11	4000	82	725	35,000	Y	Y
	RTL/RF/633WH/ECO/D		70982	5/6"	11	3000	83	750	36,000	Y	Y
	RTL/643WH/90/D	NEW!	79725	5/6"	15	4000	90	1,250	50,000	Y	Y
	RTL/633WH/90/D	NEW!	79723	5/6"	16	3000	90	1,155	50,000	Y	Y
	RTL/RF/643WH/WH/D		70973	5/6"	16	4000	82	1,248	40,000	Y	Y
CANS FOR USE WITH ALL RETROFIT KITS	RH4/NLED/IC/AT		79990	4"	IC/AT - NEW CONSTRUCTION						
	RH4/RLED/IC/AT		79991	4"	IC/AT - REMODEL						
	RH5/NLED/IC/AT		79996	5"	IC/AT - NEW CONSTRUCTION						
	RH5/RLED/IC/AT		79997	5"	IC/AT - REMODEL						
	RH6/NLED/IC/AT		79992	6"	IC/AT - NEW CONSTRUCTION						
	RH6/RLED/IC/AT		79993	6"	IC/AT - REMODEL						







FEATURES

- Surface mount to most 4" J-boxes
- Driver-On-Board technology eliminates an external power supply
- Power Factor >.99
- Dimmable* down to 10%
- Life rating >36K hours (L70)
- Suitable for damp or wet locations for shower or outdoor enclosed locations
- Wide beam angle >105°
- Color temperature: 3000K and 4000K
- CRI >90 for exceptional color appearance
- Up to 75% Energy saving over traditional incandescent sources
- Mercury free, RoHS and No UV



6" DIMMABLE DISK LIGHT

NEW



RATED FOR
WET LOCATIONS

	Item #	Code	Watts	Volts	CRI	CCT (Kelvin)	Initial Lumens	CBCP (cd)	Avg. Rated Life	Energy Star	Dimmable
CEILING & CLOSET LED LIGHTS	SDL4/12/930/D NEW!	76402	13.5	120V	90	3000	630	223	36,000	Y	Y
	SDL4/12/940/D NEW!	76403	13.5	120V	90	4000	630	223	36,000	Y	Y
	SDL6/15/930/D NEW!	76404	15	120V	90	3000	975	342	47,000	Y	Y
	SDL6/15/940/D NEW!	76405	15	120V	90	4000	975	342	47,000	Y	Y



FEATURES

- Life rating 40K hours (L70)
- Universal voltage 120-277VAC
- Base up or base down application
- Suitable for use in enclosed fixtures
- 360° optical design
- Up to 75% energy saving over traditional HID sources
- Mercury free, RoHS and UV free
- E26 base (E39 with adapter)



10.4" - 45W & 54W

NEW



11.4" - 75W

NEW

POST TOP
LIGHTS

Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life (L70)	MOL In.	Equiv Wattage
LPT27/850/INT	NEW! 77936	27	120-277V	E26 MED*	80	5000	2,900	40,000	8"	100W HPS
LPT36/850/INT	NEW! 77937	36	120-277V	E26 MED*	80	5000	3,800	40,000	9.2"	175W MH
LPT45/850/INT	NEW! 77938	45	120-277V	E26 MED*	80	5000	4,500	40,000	10.4"	200W MH
LPT54/850/INT	NEW! 77939	54	120-277V	E26 MED*	80	5000	5,600	40,000	10.4"	250W MH
LPT75/850/INT/E39	NEW! 78689	75	120-277V	E39 MOG	80	5000	7,875	40,000	11.4"	320W MH



Self Ballasted

Exciting next generation replacements for incandescent lamps

- *Medium (E26) Base*
- *2700K, 3000K, 3500K, 4100K, 5000K or 6500K*
- *6000 to 10,000 Hours*

2U



Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF5/2U	5	20	180	4.4	50
CF7/2U	7	30	250	4.8	50
CF9/2U	9	40	440	5.2	50
CF11/2U	11	50	560	5.6	50

3U and 4U



Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF15/3U	15	60	900	5.70	50
CF20/3U	20	75	1200	6.10	50
CF23/3U	23	90	1500	6.30	50
CF25/3U	25	100	1700	6.70	50
CF14/4U	14	60	920	4.75	20
CF19/4U	19	65	1150	5.12	20
CF23/4U	23	90	1450	5.87	20
CF27/4U	27	100	1600	6.50	20
CF45/4U	45	200	2700	8.50	20
CF65/4U/E26	65	250	4200	12.60	20
CF65/4U/E39	65	250	4200	12.60	20



Spiral

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF15/S	15	60	945	5.20	10/50
CF20/S	20	75	1260	5.40	10/50
CF23/S	23	90	1450	5.60	10/50
CF26/S	26	100	1740	5.80	10/50
CF32/S	32	125	2200	6.10	10/50



3-Way and Bug Light

Item	Watts	Incand Equiv	MOL	Pkg
CF13/20/25/S	13/20/25	30/70/100	5.60	10/50
CF11/S/BUG	11	40	5.40	10/50
CF15/S/BUG	15	60	5.50	10/50



Tubular

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF15/T19	15	60	810	5.50	10
CF20/T19	20	75	1200	6.20	10
CF28/T22	28	100	1680	6.60	10



A-Shape

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF13/A19	13	60	825	4.80	10
CF15/A21	15	60	880	5.50	10
CF19/A21	19	75	1200	5.50	10
CF23/A21	23	90	1480	5.50	10



Mini-Spiral

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF7/MS	7	30	250	4.20	10/50
CF9/MS	9	35	440	4.30	10/50
CF11/MS	11	40	560	4.60	10/50
CF13/MS	13	50	700	4.80	10/50
CF15/MS	15	60	900	4.90	10/50
CF20/MS	20	80	1200	5.10	10/50
CF23/MS	23	100	1380	5.40	10/50
CF27/MS	27	110	1650	5.60	10/50
CF30/MS	30	120	1910	5.80	10/50



Globe

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF8G25	8	25	380	4.5	10/20
CF10G25	10	40	500	4.8	10/20
CF15G30	15	60	800	5.2	10/20
CF20G40	20	75	1070	6.3	10/20
CF25G30	25	100	1200	5.2	10/20



Candle Shape

Item	Watts	Incand Equiv	Base	Lumens	MOL	Pkg
CF3/CTW	3	15	CAND (E12)	170	4.6	10/20
CF5/CTW	5	20	CAND (E12)	220	4.8	10/20
CF7/CTW	7	25	CAND (E12)	340	5.0	10/20
CF7/ETW	7	25	MED (E26)	340	5.0	10/20
CF9/CTW	9	40	CAND (E12)	470	5.2	10/20
CF9/ETW	9	40	MED (E26)	470	5.2	10/20
CF11/CTW	11	50	CAND (E12)	590	5.4	10/20
CF11/ETW	11	50	MED (E26)	590	5.4	10/20



Reflector

Item	Watts	Incand Equiv	Lumens	MOL	Pkg
CF11/R20	11	40	380	4.6	10/20
CF15/R30	15	65	520	4.9	10/20
CF20/R40	20	85	850	5.8	10/20
CF20/PAR38	20	85	840	6.2	10/20
CF23/R40	23	100	1070	5.8	10/20



PL

- Preheat 2-Pin and Instant-Start (4-Pin) Operation
- Twin Tube Design
- 2700K, 3000K, 3500K, 4100K, 5000K or 6500K
- 10,000 Hours

Item	Watts	Base	Lumens	MOL	Pkg
PL5	5	G23	260	4.2	50
PL7	7	G23	425	5.2	50
PL9	9	G23	610	6.5	50
PL11	11	G23	720	6.8	50
PL13	13	GX23	820	7.1	50
PL5/E	5	2G7	230	3.4	50
PL7/E	7	2G7	400	4.5	50
PL9/E	9	2G7	580	5.7	50
PL13/E	13	2G7	800	6.2	50



PLT

- Preheat (2-Pin) and Instant-Start (4-Pin) Operation
- Triple Tube Design
- 2700K, 3000K, 3500K, 4100K, 5000K or 6500K
- 12,000 Hours

Item	Watts	Base	Lumens	MOL	Pkg
PLT18	18	GX24D-2	1200	4.80	50
PLT26	26	GX24D-3	1800	5.40	50
PLT18/E	18	GX24Q-2	1200	4.40	50
PLT26/E	26	GX24Q-3	1800	5.00	50
PLT32/E	32	GX24Q-3	2400	5.60	50
PLT42/E	42	GX24Q-4	3200	6.50	50
PLT57/E	57	GX24Q-5	4300	7.75	50
PLT70/E	70	GX24Q-6	5200	9.20	50



PLC

- Preheat (2-Pin) and Instant-Start (4-Pin) Operation
- Quad Tube Design
- 2700K, 3000K, 3500K, 4100K, 5000K or 6500K
- 10,000 Hours

Item	Watts	Base	Lumens	MOL	Pkg
2 PINS					
PLC9	9	G23-2	525	4.3	50
PLC13	13	GX23-2	780	4.6	50
PLC18	18	G24D-2	1150	6.0	50
PLC26	26	G24D-3	1710	6.8	50
PLC22/15mm	22	GX32d-2	1190	6.0	50
PLC28/15mm	28	GX32d-3	1610	6.8	50
4 PINS					
PLC13/E	13	G24Q-1	900	5.2	50
PLC18/E	18	G24Q-2	1150	5.8	50
PLC26/E	26	G24Q-3	1710	6.5	50



T2 Miniature

- Axial Base
- 80 CRI
- 3000K, 3500K or 4100K
- 10,000 Hours

Item	Watts	Nom Length	Lumens	Pkg
FM6	6	8.6"	330	20
FM8	8	12.6"	540	20
FM11	11	16.6"	750	20
FM13	13	20.6"	960	20



T5 Preheat

- Cool White, Warm White or Daylight
- Mini-Bipin Base
- 5,000 Hours

Item	Watts	Nom Length	Lumens	Pkg
F4T5	4	6"	135	25
F6T5	6	9"	295	25
F8T5	8	12"	320	25
F13T5	13	21"	850	25



T6 Slimline Instant-Start

- Instant-Start Operation
- Single-Pin Base (Fa8)
- Cool White or Warm White
- 7,500 Hours

Item	Watts	Nom Length	Lumens	Pkg
F42T6	25	42"	1840	12
F64T6	38	64"	2920	12



T8 Slimline Instant-Start

- Instant-Start Operation
- Single-Pin Base (Fa8)
- Cool White, Warm White or Daylight
- 7,500 Hours

Item	Watts	Nom Length	Lumens	Pkg
F72T8	35	72"	3000	24
F96T8	51	96"	4000	24



T8 Polylux

- Medium-BiPin (G13) Base
- 3500K or 4000K
- 85 CRI

Item	Watts	Nom Length	Lumens	Pkg
F70T8	70	72"	6400	25



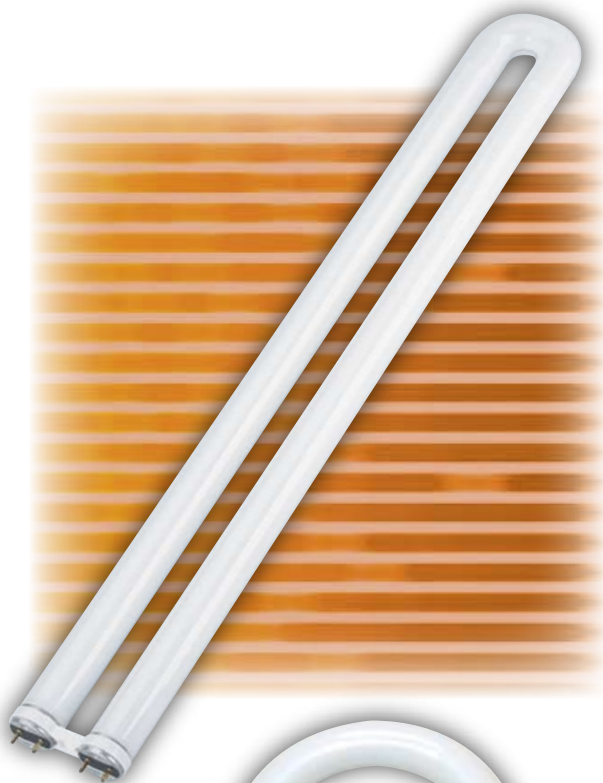
T8 Tri-Phosphor Instant-Start

- Instant-Start Operation for use with Electronic Ballasts
- "ECO" TCLP-Compliant
- 3000K, 3500K, 4100K, 5000K or 6500K
- 20,000 Hours Standard; 24,000 Hours "XL"



Item	Watts	Base	Nom Length	Lumens	Pkg
F17T8/75CRI	17	MED BIPIN	2'	1300	30
F17T8/85CRI	17	MED BIPIN	2'	1360	30
F17T8/85CRI/XL	17	MED BIPIN	2'	1340	30
F25T8/75CRI	25	MED BIPIN	3'	1940	30
F25T8/85CRI	25	MED BIPIN	3'	2130	30
F25T8/85CRI/XL	25	MED BIPIN	3'	2170	30
F28T8/85CRI/XL	28	MED BIPIN	4'	2700	30
F30T8/85CRI/XL	30	MED BIPIN	4'	2850	30
F32T8/75CRI	32	MED BIPIN	4'	2775	30
F32T8/85CRI	32	MED BIPIN	4'	2950	30
F32T8/85CRI/XL	32	MED BIPIN	4'	3000	30
F40T8/75CRI	40	MED BIPIN	5'	3400	30
F40T8/85CRI	40	MED BIPIN	5'	3600	30
F40T8/85CRI/XL	40	MED BIPIN	5'	3700	30
F96T8/75CRI	59	SINLGE PIN	8'	5610	24
F96T8/85CRI	59	SINLGE PIN	8'	5850	24
F96T8/85CRI/XL	59	SINLGE PIN	8'	6110	24
F48T8/85CRI/HO	44	RDC	4'	3560	24
F60T8/85CRI/HO	55	RDC	5'	4870	24
F72T8/85CRI/HO	65	RDC	6'	5255	24
F96T8/75CRI/HO	86	RDC	8'	7800	24
F96T8/85CRI/HO	86	RDC	8'	8200	24

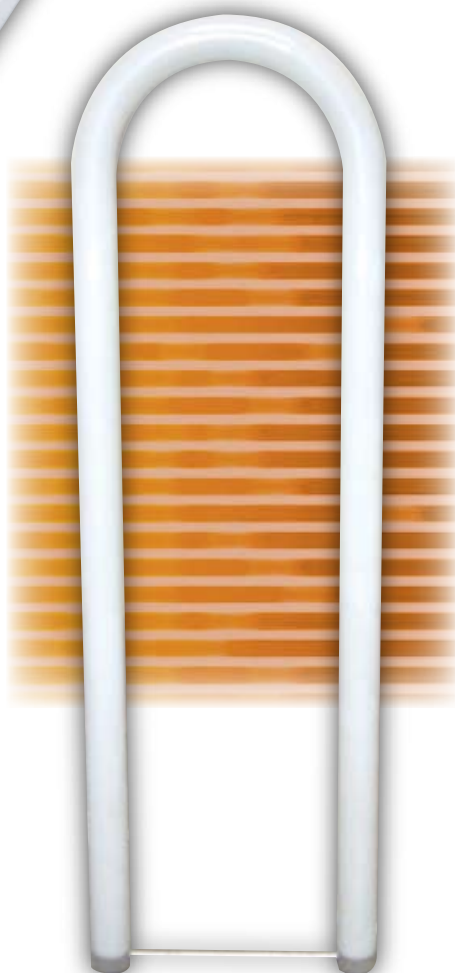




T8 U-Shape

- 1-⁵/₈" Leg Spacing
- Instant Start Operation for use with Electronic Ballasts
- 3000K, 3500K or 4100K
- 85 CRI
- 20,000 Hours Standard; 24,000 Hours "XL"

Item	Watts	Nom Length	Lumens	Pkg
FB16T8	16	10.5"	1100	15
FB24T8	24	16.5"	1910	15
FB31T8	31	22.5"	2700	15
FB31T8/XL	31	22.5"	2775	15



- 6" Leg Spacing
- Instant Start Operation for use with Electronic Ballasts
- 3000K, 3500K, 4100K, 5000K or 6500K
- 20,000 Hours Standard; 24,000 Hours "XL"
- Nominal Length 22.6"

Item	Watts	Lumens	Pkg
FB30T8/85CRI/XL	30	2800	15
FB32T8/75CRI	32	2700	15
FB32T8/85CRI	32	2800	15
FB32T8/85CRI/XL	32	2900	15



T9 Circline - Preheat

- Cool White, Warm White or Daylight
- 4-Pin Base
- 12,000 Hours

Item	Watts	Diameter	Lumens	Pkg
FC6T9	20	6"	760	12
FC8T9	22	8"	1080	12
FC12T9	32	12"	1910	12
FC16T9	40	16"	2775	12



T10 High Performance

- Rapid-Start Operation
- Higher Lumens
- High CRI
- 3000K, 3500, 4100K or 5000K
- Longer Life 24,000 Hours

Item	Watts	Nom Length	Lumens	Pkg
F40T10	40	4'	3575	30



T12 Bipin Preheat

- Preheat Operation requires use of a Starter
- Medium Bipin Base
- Cool White, Warm White, Daylight, 3000K, 3500K, 4100K, 5000K or 6500K

Item	Watts	Nom Length	Pkg
F14T12	14	15"	30
F15T12	15	18"	30
F20T12	20	24"	30



T12 Bipin Rapid Start

- Rapid Start operation on Magnetic Ballast
- Medium Bipin Base
- Cool White, Warm White, Daylight, 3000K, 3500K, 4100K, 5000K or 6500K in various CRI

Item	Watts	Nom Length	Hours	Pkg
F30T12	30	3'	20,000	30
F34T12	34	4'	20,000	30
F40T12	40	4'	20,000	30
F40T12/XL	40	4'	24,000	30



T12 Instant Start Slimline

- Single Pin Base
- Instant Start operation for use with Magnetic Ballasts
- Cool White, Warm White, Daylight, 3000K, 3500K, 4100K, 5000K or 6500K in various CRI

Item	Watts	Nom Length	Hours	Pkg
F24T12	20	24"	7500	30
F36T12	30	36"	7500	30
F42T12	35	42"	7500	30
F48T12/ES	30	48"	9000	30
F48T12	40	48"	9000	30
F60T12	50	60"	12,000	15
F64T12	52	64"	12,000	15
F72T12	55	72"	12,000	15
F84T12	65	84"	12,000	15
F96T12/ES	60	96"	12,000	15
F96T12	75	96"	12,000	15



T12 High Output

- 800 ma
- Rapid Start Operation for use with Magnetic Ballast
- Recessed Double-Contact (RDC) Base
- Cool White, Warm White, Daylight, 3000K, 3500K, 4100K, 5000K or 6500K in various CRI
- Low Temp Start versions available

Item	Watts	Nom Length	Hours	Pkg
F18T12/HO	25	18"	9000	24
F24T12/HO	35	24"	9000	24
F30T12/HO	40	30"	9000	24
F36T12/HO	45	36"	9000	24
F42T12/HO	55	42"	9000	24
F48T12/HO	60	48"	12,000	24
F60T12/HO	75	60"	12,000	15
F64T12/HO	80	64"	12,000	15
F72T12/HO	85	72"	12,000	15
F96T12/HO/ES	95	96"	12,000	15
F96T12/HO/O	110	96"	12,000	15
F96T12/HO	110	96"	12,000	15



T12 Very High Output

- 1500 ma
- Rapid Start Operation for use with Magnetic Ballast
- Recessed Double-Contact (RDC) Base
- Cool White, Warm White, Daylight, 3000K, 3500K, 4100K, 5000K or 6500K in various CRI

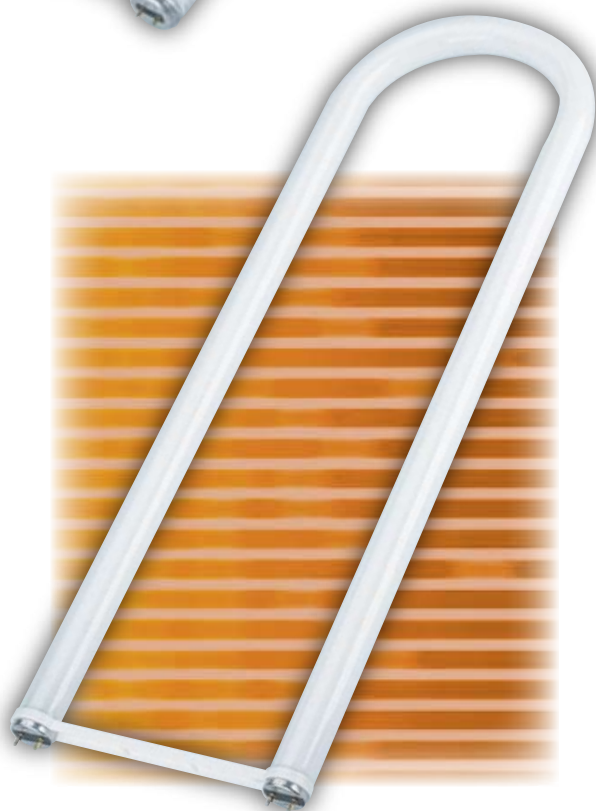
Item	Watts	Nom Length	Hours	Pkg
F18T12/VHO	110	48"	10,000	15
F60T12/VHO	110	60"	10,000	15
F72T12/VHO	165	72"	10,000	15
F96T12/VHO/ES	185	96"	10,000	15
F96T12/VHO	215	96"	10,000	15



T12 U3 Shape

- 3" Leg Spacing
- Rapid Start Operation for use with Magnetic Ballasts
- Cool White, Warm White, Daylight, 3000K, 3500K or 4100K in various CRI
- Nominal Length 22.5"

Item	Watts	Hours	Pkg
FB34/U3	34	14,000	12
FB40/U3	40	14,000	12



T12 U6 Shape

- 6" Leg Spacing
- Rapid Start Operation for use with Magnetic Ballasts
- Cool White, Warm White, Daylight, Lite White, 3000K, 3500K, 4100K, 5000K or 6500K in various CRI
- Nominal Length 22.5"

Item	Watts	Hours	Pkg
FB34/U6	34	14,000	12
FB40/U6	40	14,000	12



Appliance

- Preheat Operation requires Starter
- Cool White, Warm White or Daylight
- Medium Bipin Base
- Common usages include: Vending Machines, Showcases, Bathroom Fixtures, and Freezers

Item	Watts	Nom Length	Bulb	Hours	Pkg
F/A18T8/24	18	24"	T8	7500	24
F/A18T8/26	18	26"	T8	7500	24
F/A18T8/28	18	28"	T8	7500	24
F/A18T8/30	18	30"	T8	7500	24
F/A25T12/28	25	28"	T12	7500	24
F/A25T12/30	25	30"	T12	7500	24
F/A25T12/33	25	33"	T12	7500	24



Sign High Output

- Outdoor Lighting for Billboards
- Cool White or Daylight
- Recessed Double-Contact (RDC) Base

Item	Watts	Nom Length	Lumens	Hours	Pkg
F108T12/HO	124	108"	8750	12,000	12
F117T12/HO	132	117"	9600	12,000	12
F120T12/HO	135	120"	9830	12,000	12



Grow and Aquarium

- Wide (WS) and Narrow Spectrums available
- Common applications include: Plant Grow and Aquarium

Item	Watts	Nom Length	Lumens	Hours	Pkg
F15T8GRO	15	18"	500	7500	24
F20T12GRO	20	24"	750	9000	24
F30T8GRO	30	36"	1300	7500	24
F30T12GRO	30	36"	1570	18,000	24
F032T8GRO	32	48"	1660	20,000	30
F40T12GRO	40	48"	1875	20,000	30
F96T12GRO	75	96"	3600	12,000	15
F96T12HO/GRO	110	96"	5200	12,000	15
F96T12VHO/GRO	215	96"	8500	10,000	15



BL

Blacklight (BL) and Blacklight Blue (BLB)

- Provides Special Lighting Effects for a Variety of Industries
- In addition BLB Filters out Visible Light Highlighting the Lighter Colors

Item	Watts	Nom Length	Hours	Pkg
F4T5	4	6"	6000	10
F6T5	6	9"	7500	10
F8T5	8	12"	7500	10
F15T8	15	18"	7500	24
F20T12	20	24"	9000	24
F032T8	32	48"	20,000	24
F40T12	40	48"	20,000	30



BLB



Colored

- Blue, Green, Gold, Pink or Red
- Common Usages include: Carnivals, Restaurants, Clubs and Special Lighting Effects

Item	Watts	Nom Length	Pkg
F15T8/COLOR	15	18"	24
F20T12/COLOR	20	24"	24
F032T8/COLOR	32	48"	24
F40T12/COLOR	40	48"	24
F72T12/COLOR	65	72"	15
F96T12/COLOR	75	96"	15
F96T12/HO/COLOR	215	96"	15



Full Spectrum

- Excellent Color Rendering across the Kelvin Spectrum
Produces a more Natural, Pleasing Light
- 95 CRI
- 5700K

Item	Watts	Nom Length	Lumens	Hours	Pkg
FS-F20T12	20	24"	810	9000	24
FS-F30T12	30	36"	1470	18,000	24
FS-F032T8	32	48"	1980	20,000	30
FS-F40T12	40	48"	2200	20,000	30
FS-F72T12	85	72"	3360	12,000	15
FS-F96T12	75	96"	4280	12,000	15
FS-F96T12/HO	215	96"	6770	12,000	15
FS-FB032T8	32	U-Shape	2050	18,000	12
FS-FB40T12/6	40	U-Shape	2050	18,000	12



A-Type

A19

Most common general purpose lamp

- Medium (E26) Brass or Aluminum Base
- Clear, Inside Frosted or Soft White Finish
- 120V or 130V
- Also available in 12V, 24V, 42V, 220V, 250V or 277
- Attractive 4-Bulb Packaging

Item	Watts	Lumens	Hours	MOL	Pkg
25A19	25	190	2500	4.00	120
40A19	40	505	1000	4.43	120
60A19	60	865	1000	4.43	120
75A19	75	1190	750	4.43	120
100A19	100	1710	750	4.43	120



A15

Appliance and Fan

- 120V or 130V
- Clear or Inside Frosted Finish
- Attractive 4-Bulb Packaging

Item	Watts	Lumens	Hours	MOL	Pkg
15A15	15	115	2500	3.5	120
25A15	25	210	1100	3.5	120
30A15	30	215	5000	3.5	120
40A15	40	350	1500	3.5	120
60A15	60	650	1500	3.5	120



A21 & A23

Long-Neck

- 120V or 130V
- Clear or Inside Frosted Finish
- Attractive Individual Packaging

Item	Watts	Lumens	Hours	MOL	Pkg
75A21	75	1190	750	4.5	120
100A21	100	1680	750	4.5	120
150A21	150	2850	750	4.5	120
200A21	200	3760	750	4.5	60
100A23	100	1680	750	5.93	120
150A23	150	2850	750	5.93	120
200A23	200	3030	1000	5.93	60



PS25 & PS30

Pear-shaped utility, general illumination

- *Medium (E26) Base*
- *Clear or Inside Frosted Finish*
- *120V or 130V*

Item	Watts	Lumens	Hours	MOL	Pkg
150PS25	150	2330	750	3.12	60
300PS25	300	6200	750	6.93	60
200PS30	200	3540	750	8.06	60
300PS30	300	6100	1000	8.06	60



PS35 & PS52

Pear-shaped utility, general illumination

- *Mogul (E39) Base*
- *Clear or Inside Frosted Finish*
- *120V or 130V*

Item	Watts	Lumens	Hours	MOL	Pkg
300PS35	300	5700	1000	9.38	24
500PS35	500	8170	1000	9.38	24
750PS52	750	17040	1000	9.5	12
1000PS52	1000	23740	1000	9.5	6



Energy-Saving

**Reduced wattage
replaces standard incandescents
Up to 10% Savings**

- Medium (E26) Brass or Aluminum Base
- Clear or Inside Frosted Finish
- Standard or Extended-Life
- 120V or 130V
- Attractive 4-Bulb Packaging

Item	Watts	Replaces	Bulb	Lumens	Hours	Pkg
40A34	34	40W	A19	380	1000	120
60A52	52	60W	A19	730	1000	120
75A67	67	75W	A19	1030	1000	120
100A90	90	100W	A19	1465	1000	120
150A135	135	150W	A21	2380	1000	120
40A34/XL	34	40W	A19	360	2500	120
60A52/XL	52	60W	A19	640	2500	120
75A67/XL	67	75W	A19	910	2500	120
100A90/XL	90	100W	A19	1260	2500	120
150A135/XL	135	150W	A21	2060	2500	120



3-Way

**1 Bulb,
3 Light Levels
For use
in table lamps**

- Soft White Finish

Item	Watts	Bulb	Lumens Max	Hours	Pkg
30/100SW	30-70-100	A19	1300	1500	12
50/150SW	50-100-150	A21	2155	1500	12
50/250SW	50-200-250	A21	3955	1500	12
100/300SW	100-200-300	PS35	4620	1500	12



Left Hand Thread

**Theft protection
for temporary
lighting
and hospitality
industry**

- Inside Frosted Finish
- Medium Reversed Thread Base
- 120V

Item	Watts	Bulb	Lumens	Hours	Pkg
100A/LHT	100	A19	1750	750	120
150A/LHT	150	A23	2850	750	60



Colored

Transparent Party & Ceramic Colors for a variety of applications

- Amber, Blue, Green, Pink, or Red
- Medium (E26) Brass Base
- 130V
- Attractive 4-Bulb Packaging

Item	Watts	Bulb	Hours	Pkg
15A15/CERAMIC	15	A15	4000	120
15A15/TRANSPARENT	15	A15	4000	120
25A19/CERAMIC	25	A19	4000	120
25A19/TRANSPARENT	25	A19	4000	120
40A19/CERAMIC	40	A19	4000	120
40A19/TRANSPARENT	40	A19	4000	120
60A19/CERAMIC	60	A19	4000	120
60A19/TRANSPARENT	60	A19	4000	120



Bug

Yellow color will not attract insects

- Medium (E26) Brass or Aluminum Base
- 120V or 130V
- Attractive 4-Bulb Packaging

Item	Watts	Bulb	Hours	Pkg
25A/BUG	25	A19	4000	120
40A/BUG	40	A19	4000	120
60A/BUG	60	A19	4000	120
100A/BUG	100	A19	4000	120



Traffic Signal

- *Medium (E26) Base*
- *120V or 130V*
- *Clear Finish*
- *8,000 Hours*

Item	Watts	Bulb	Lumens	Pkg
67A21/TS	67	A21	635	120
69A21/TS	69	A21	675	120
116A21/TS	116	A21	1280	120
135A21/TS	135	A21	1750	120



Silvered Bowl

Reduced glare applications

- *Medium (E26) Base*
- *Clear or Inside Frosted Finish*
- *2,000 Hours*

Item	Watts	Bulb	Finish	Pkg
40A19/SB/IF	40	A19	FROST	120
60A19/SB/IF	60	A19	FROST	120
60A19/SB	60	A19	CLEAR	120
60G25/SB	60	G25	CLEAR	120
100A21/SB/IF	100	A21	FROST	120
150PS25/SB/IF	150	PS25	FROST	120



Decorative

Chandelier

***A wide selection
for your decorative fixture needs***

- Candelabra (E12) or Edison (E26) Brass Base
- Torpedo or Flame Tip
- Clear or Frosted Finish
- Petite size available
- 130V
- 3,000 Hours
- 15W, 25W, 40W, or 60W
- Attractive Individual Packaging suitable for POP displays
- 25/500 Master Pack



CTF



CFF



ETF



EFF



G40

Globe

For use in makeup, vanity and pendent fixtures

- 5" Diameter
- Medium (E26) Brass Base
- Clear or White Finish
- 3,000 Hours
- 130V
- Attractive Individual Packaging

Item	Watts	Lumens	Pkg
25G40	25	220	24
40G40	40	372	24
60G40	60	595	24
100G40	100	1100	24
150G40	150	1770	24



G25

- 3" Diameter
- Medium (E26) Brass Base
- Clear or White Finish
- 3,000 Hours
- 130V
- Attractive Individual Packaging

Item	Watts	Lumens	Pkg
25G25	25	235	25/100
40G25	40	460	25/100
60G25	60	775	25/500



G16.5

- 2" Diameter
- Candelabra (E12) Brass Base
- Clear or White Finish
- 3,000 Hours
- 130V
- Attractive Individual Packaging

Item	Watts	Lumens	Pkg
15G16.5	15	130	25/500
25G16.5	25	200	25/500
40G16.5	40	300	25/500
60G16.5	60	540	25/500



G12

Other Globes

Item	Watts	Diameter	Base	Pkg
10G12	10	1.50	CAND (E12)	25
25G18	25	1.50	MED (E26)	25
40G18	40	1.50	MED (E26)	25
40G30	40	3.25	MED (E26)	25
60G30	60	3.25	MED (E26)	25



G18



G30



F15

Fiesta

- 130V
- Clear, Amber or White Finish
- Brass Base
- 3,000 Hours
- Attractive Individual Packaging

Item	Watts	Base	MOL	Pkg
15F10	15	CAND (E12)	3.06	25
25F10	25	CAND (E12)	3.06	25
25F15	25	MED (E26)	4.37	25
40F15	40	MED (E26)	4.37	25
60F15	60	MED (E26)	4.37	25



F10



F10



Reflectors

BR30 and BR40

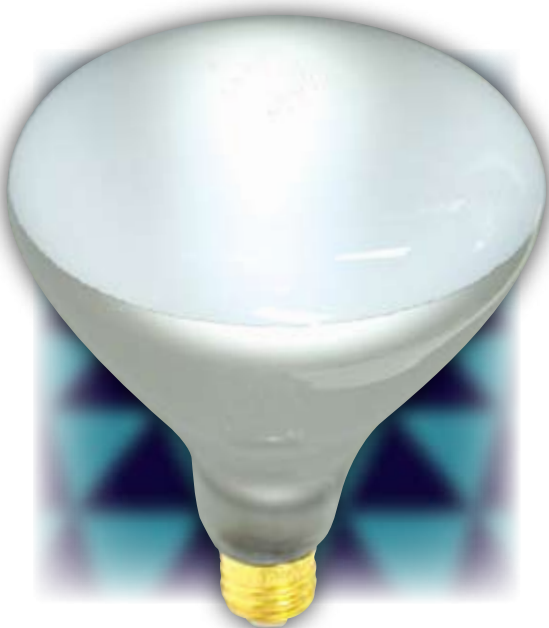
***The most popular choice
for indoor downlighting***

- Medium (E26) Brass or Aluminum Base
- 120V or 130V
- Flood or Spot
- Attractive Individual Packaging



BR30

Item	Watts	Lumens	Hours	MOL	Pkg
45BR30	45	485	2000	5.37	24
50BR30	50	525	2000	5.37	24
65BR30	65	755	2000	5.37	24
65BR30/5M	65	740	5000	5.37	24
65BR30/20M	65	720	20,000	5.37	24
85BR30	85	855	2500	5.37	24



BR40

Item	Watts	Lumens	Hours	MOL	Pkg
65BR40	65	730	2000	6.50	24
75BR40	75	710	5000	6.50	24
85BR40	85	930	2000	6.50	24
90BR40	90	1000	2000	6.50	24
100BR40	100	935	2000	6.50	24
120BR40	120	1450	2000	6.50	24
120BR40/20M	120	1490	2000	6.50	24
200BR40	200	1950	5000	6.50	24
300BR40	300	3030	2500	6.50	24



R20

R14, R16, & R20

All purpose utility and task lighting

- 120V or 130V
- Brass or Aluminum Base

Item	Watts	Base	Lumens	Hours	MOL	Pkg
25R14N	25	INT (E17)	152	1500	2.50	25
25R14	25	MED (E26)	152	2000	2.08	25
40R14N	40	INT (E17)	370	1500	2.50	25
40R14	40	MED (E26)	370	2000	2.08	25
40R16	40	MED (E26)	370	1500	3.37	25
30R20	30	MED (E26)	210	3000	3.90	25
50R20	50	MED (E26)	440	3000	3.90	25
75R20	75	MED (E26)	700	3000	3.90	25



R14



R16



ER30

Elliptical Reflector

Elliptical shape improves lumen output and efficiency

- *Medium (E26) Brass or Aluminum Base*
- *120V or 130V*
- *2000 Hours*

Item	Watts	Lumens	MOL	Pkg
50ER30	50	350	6.38	24
75ER30	75	580	6.38	24
120ER40	120	1370	7.38	24



BR38

Indoor/outdoor directional lighting

- *1-piece construction*
- *Thermal-shock resistant glass*
- *120V or 130V*
- *Medium (E26) Brass or Aluminum Base*
- *Flood or Spot*

Item	Watts	Lumens	Hours	MOL	Pkg
75BR38	75	600	5000	5.25	24
100BR38	100	1000	5000	5.25	24
150BR38	150	1400	5000	5.25	24
150BR38/20	150	1200	20,000	5.25	24



Standard Metal Halide

Basic

High-efficiency lighting with good color rendering, offers maximum design flexibility and long life

- Medium (E26) or Mogul (E39) Base
- Clear or Coated Finish
- 3000K or 4000K



Item	Watts	Bulb	Lumens	Hours	Pkg
MH50/U/MED	50	E17	3420	10,000	12
MH70/U/MED	70	E17	5100	10,000	12
MH100/U/MED	100	E17	8220	10,000	12
MH150/U/MED	150	E17	12,450	10,000	12
MH175/U/MED	175	E17	14,200	10,000	12



Item	Watts	Bulb	Lumens	Hours	Pkg
MH100/U/MOG	100	ED28	8500	10,000	12
MH175/U/MOG	175	ED28	13,000	10,000	12
MH250/U	250	ED28	19,800	10,000	12
MH400/U	400	ED37	36,600	20,000	12
MH1000/U	1000	BT56	105,000	12,000	6
MH1500/U	1500	BT56	152,000	3000	6



Compact Reduced Size

- Reduced Outer Jacket Sizes enabling smaller, more versatile Fixture Design
- Clear or Coated Finish

Item	Watts	Bulb	Lumens	Hours	Pkg
MH250/U/ET18	250	ET18	21,500	10,000	12
MH400/U/ED28	400	ED28	34,000	18,000	12
MH400T15	400	T15	27,000	9,000	12
MH1000/U/BT37	1000	BT37	109,800	12,000	6



High Output

- Position-oriented Lamp Design offers improved Lamp Efficiency, Longer-Life and Higher Maintained Lumens
- Base-Up (BU) or Horizontal (HOR) Burning Positions
- Clear or Coated Finish

Item	Watts	Lumens	Hours	Pkg
MS175	175	15,000	7,500	12
MS250	250	20,500	10,000	12
MS360	360	37,900	20,000	12
MS400	400	38,600	20,000	12
MS1000	1000	105,000	18,000	6



Pulse Start

- Quick Restart Time with Improved Lumen Maintenance and Reduced Color Shift over Life of Lamp
- Clear or Coated Finish

Item	Watts	Lumens	Hours	Pkg
MS175/BU/MED/PS	175	17,200	15,000	12
MS175/BU/PS	175	14,500	15,000	12
MS320/BU/PS	320	32,000	20,000	12
MS350/BU/PS	350	34,200	20,000	12
MS400/BU/PS	400	42,500	20,000	12
MS1000/BU/PS	1000	105,000	15,000	6



Protected

- *Protective Arc Tube Shield contains any Damage caused during a Rupture*
- *Can be used in Open or Enclosed Fixtures*
- *Medium (E26) or Mogul (E39) Base*

Item	Watts	Lumens	Hours	Pkg
MP50/U/MED	50	3420	15,000	12
MP70/U/MED	70	5220	13,500	12
MP100/U/MED	100	8250	13,500	12
MP150/U/MED	150	13,400	13,500	12
MP175/U/MED	175	14,000	10,000	12
MP175/BU	175	14,000	10,000	12
MP250/BU	250	22,600	10,000	12
MP320/BU	320	32,000	20,000	12
MP350/BU	350	33,000	20,000	12
MP400/BU	400	40,000	20,000	12
MP1000/BU	1000	105,000	12,000	6



PAR38

- *Low Wattage, High Output Lamps that feature Pulse-Start benefits in Open or Enclosed Fixtures*
- *FL, SP or WFL Beam Spread*
- *Medium (E26) Base*

Item	Watts	Lumens	Hours	Pkg
MP70PAR38	70	3410	8500	6
MP100PAR38	100	5820	8500	6
MP150PAR38	150	8810	8500	6



Double-Ended

- *RX7S or FC2 Base*
- *3000K (WDX) or 4000K (NDX)*

Item	Watts	Bulb	Lumens	Hours	Pkg
MH70DE	70	T6	5200	10,000	12
MH150DE	150	T7	11,000	10,000	12
MH250DE	250	T9.5	20,000	10,000	12



Single-Ended

- *G12 or E40 Base*
- *4200K (NDX) or 5200K (DX)*

Item	Watts	Bulb	Lumens	Hours	Pkg
MH150SE	150	T7.5	125,000	9,000	12
MH250SE	250	T14.5	19,000	9,000	12
MH400SE	400	BT	33,000	9,000	12



Reflector

- Directional Beam Pattern Optimizes Lumen Output
- Medium (E26) Base
- Frosted Finish

Item	Watts	Bulb	Lumens	Hours	Pkg
MH175/PAR38	175	PAR38	12,000	7,000	6
MH175/RFL	175	R40	12,000	7,500	6



Retrofit

- Direct Replacement Lamp for other HID Lamp Designs utilizing the Original Ballast and Fixtures
- Clear Finish

Item	Watts	Replace	Base	Pkg
MH250/RETRO	250	HPS	MOG (E39)	12
MH325/RETRO	325	MERCURY VAPOR	MOG (E39)	6
MH400/RETRO	400	HPS	MOG (E39)	6



Self-Extinguishing

- Designed to Self Extinguish if Outer Glass Shell is Broken to Minimize Ultraviolet Radiation Exposure

Item	Watts	Bulb	Base	Lumens	Hours	Pkg
MHT400/BU	400	BT37	E39	36,000	20,000	6
MHT1000/BU	1,000	BT56	E39	105,000	10,000	6



Ceramic Metal Halide

Ceramic discharge tube design provides superior color stability. Improved efficiency reduces operational expenses

E17 – Medium Base

- Medium (E26) Base
- Protected for Open Fixtures Available
- Clear or Coated Finish
- 3000K or 4000K

Item	Watts	Lumens	Hours	Pkg
MHC50/U/M	50	3,975	10,000	12
MHC70/U/M	70	5,850	10,000	12
MHC100/U/M	100	9,000	10,000	12
MHC150/U/M	150	13,400	10,000	12



PAR20



PAR30



PAR38

PAR

- Medium (E26) Base
- Protected for use in Open Fixtures
- 3000K or 4000K

Item	Watts	Lumens	Hours	Pkg
MHC35PAR20	35	2,100	9,000	12
MHC35PAR30L	35	2,200	9,000	6
MHC70PAR30L	70	4,750	9,000	6
MHC70PAR38	70	4,710	10,000	12
MHC100PAR38	100	6,520	12,000	12

Single Ended (G8.5 and G12 Base)

- 3000K or 4000K
- Enclosed Fixtures only

Item	Watts	Bulb	Lumens	Hours	Pkg
MHC20TC/G8	20	T4	1,690	75,000	12
MHC35T6/G12	35	T6	3,400	10,000	12
MHC35T6/G8	35	T4	3,400	10,000	12
MHC70T6/G12	70	T6	6,200	15,000	12
MHC70TC/G8	70	T4	6,200	9,000	12
MHC150T6/G12	150	T6	14,000	12,000	12





Double Ended (RX7S Base)

- 3000K or 4000K
- Enclosed Fixtures only

Item	Watts	Bulb	Lumens	Hours	Pkg
MHC70T6	70	TD6	7,000	15,000	12
MHC150T7	150	TD7	14,000	15,000	12



SOX – Low Pressure Sodium

Highest efficiency HID light made, ideal where no color discrimination is required. Parking areas and street lighting are common uses

Item	Watts	Nom Length	Lumens	Hours	Pkg
SOX18	18	8.50"	1800	16,000	16
SOX35	35	12.25"	4500	16,000	16
SOX55	55	16.75"	7300	16,000	16
SOX90	90	20.80"	13,500	16,000	12
SOX135	135	30.50"	22,000	16,000	9
SOX180	180	44.00"	30,000	16,000	9



High Pressure Sodium (HPS)

Extremely efficient, HPS lamps provide exceptional value where quality of light is not critical



Basic

- Medium (E26) Base
- Clear or Diffused Finish

Item	Watts	Bulb	Lumens	Hours	Pkg
LU35/MED	35	E17	2240	16,000	12
LU50/MED	50	E17	3800	24,000	12
LU70/MED	70	E17	6200	24,000	12
LU100/MED	100	E17	9350	24,000	12
LU150/MED	150	E17	15,500	24,000	12



- Mogul (E39) Base
- Clear or Diffused Finish

Item	Watts	Bulb	Lumens	Hours	Pkg
LU50/MOG	50	ED23	4100	24,000	12
LU70/MOG	70	ED23	6200	24,000	12
LU100/MOG	100	ED23	9350	24,000	12
LU150/MOG	150	ED18	15,500	24,000	12
LU200/MOG	200	ED18	22,000	24,000	12
LU250/MOG	250	ED18	28,000	24,000	12
LU360/MOG	360	ED18	46,100	24,000	12
LU400/MOG	400	ED18	48,500	24,000	12
LU1000/MOG	1000	ED25	129,000	24,000	12



Heat Lamps

Direct heat source for use in food prep, bathrooms and poultry industry

- *Clear or Red-Faced (Infrared)*
- *120V or 130V*
- *Medium (E26) Brass or Aluminum Base*
- *Attractive Individual Packaging*



Item	Watts	Finish	Hours	MOL	Pkg
125BR40/1	125	CLEAR	5000	6.50	24
175PAR38/1	175	CLEAR	5000	5.30	24
175PAR38/10	175	RED	5000	5.30	24
250BR40/1	250	CLEAR	5000	6.50	24
250R40/10	250	RED	5000	6.50	24
375R40/1	375	CLEAR	5000	7.25	24
375R40/10	375	RED	5000	7.25	24





C7



S11



S14



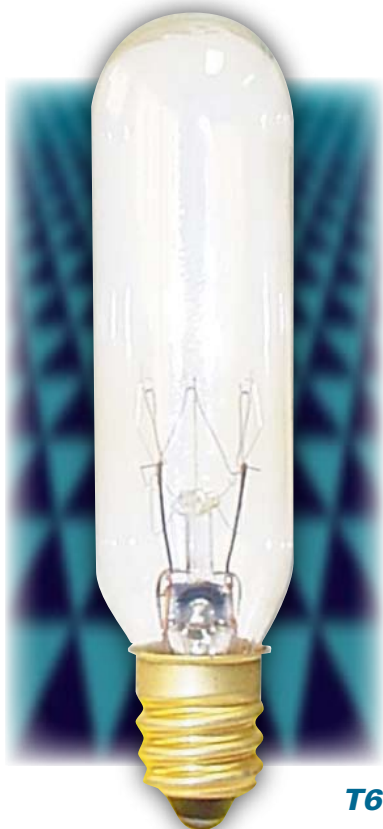
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Specialty

Nightlight, Sign, Indicator, Exit, Appliance Applications

- Blue, Green, Orange, Red, Yellow, Pink, Clear or White
- 130V

Item	Watts	Base	Hours	MOL	Pkg
4C7	4	CAND (E12)	5000	2.10	25
4C7/COLOR	4	CAND (E12)	5000	2.10	25
7C7	7	CAND (E12)	5000	2.10	25
7C7/COLOR	7	CAND (E12)	5000	2.10	25
7C9	7	INT (E17)	5000	2.10	25
7C9/COLOR	7	INT (E17)	5000	2.10	25
7.5S11	7.5	MED (E26)	3500	2.25	25
7.5S11/COLOR	7.5	MED (E26)	3500	2.25	25
10S11	10	INT (E17)	5000	2.25	25
10S11/COLOR	10	INT (E17)	5000	2.25	25
25S11N	25	INT (E17)	5000	2.25	25
40S11N	40	INT (E17)	5000	2.25	25
11S14	11	MED (E26)	3000	3.50	120
11S14/COLOR	11	MED (E26)	3000	3.50	120
6S6	6	CAND (E12)	1500	1.88	25
6S6/COLOR	6	CAND (E12)	1500	1.88	25



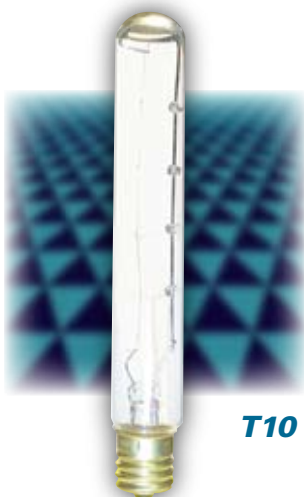
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T8



T6.5



T10

Tubular

**Specific applications include:
showcase, exit signs, appliance
and accent.**

Item	Watts	Base	Lumens	MOL	Pkg
15T6	15	CAND (E12)	102	3.06	25
15T6DC	15	DC	102	3.06	25
20T6.5N	20	INT (E17)	90	5.50	25
20T6.5DC	20	DC	90	5.50	25
25T6.5N	25	INT (E17)	220	5.56	25
25T6.5DC	25	DC	220	5.56	25
40T6.5N	40	INT (E17)	420	5.50	25
40T6.5DC	40	DC	420	5.50	25
15T7	15	CAND (E12)	100	2.25	25
15T7N	15	INT (E17)	100	2.25	25
15T7DC	15	DC	100	2.25	25
15T8	15	CAND (E12)	100	2.25	25
15T8N	15	INT (E17)	100	2.25	25
15T8DC	15	DC	100	2.25	25
25T8	25	CAND (E12)	200	2.62	25
25T8N	25	INT (E17)	200	2.63	25
25T8DC	25	DC	200	2.63	25
40T8	40	MED (E26)	430	11.75	25
25T10	25	MED (E26)	260	5.63	25
40T10	40	MED (E26)	440	5.63	25
60T10	60	MED (E26)	740	5.63	25
L30	30	DISC	210	17.75	24
L30W	30	DISC	210	17.75	24
L40	40	DISC	325	11.75	24
L40W	40	DISC	325	11.75	24
L60	60	DISC	480	17.75	24
L60W	60	DISC	480	17.75	24
LN60	60	S14S	460	19.70	25
LN150	150	S14S	930	39.40	16



LN150



L60



Mercury Vapor

Lowest initial cost HID product series. Now considered old technology, these lamps are commonly replaced by HPS and MH

Basic

Item	Watts	Bulb	Base	Finish	Lumens	Hours	Pkg
H46DL	50	E17	MED	DX	1560	24,000	12
H43AV	75	E17	MED	DX	2680	24,000	12
H38AV	100	E17	MED	DX	3880	24,000	12
H38MP	100	A23	MED	DX	3600	18,000	12
H38JA	100	ET23	MOG	DX	4050	24,000	12
H38BP	100	R40	MED	DX	2490	24,000	12
H44GS	100	PAR	MED SK	DX	2490	16,000	12
H39KB	175	ED28	MOG	CLEAR	7600	24,000	12
H39KC	175	ED28	MOG	DX	7400	24,000	12
H39BP	175	R40	MED	DX	4500	24,000	12
H37KB	250	ED28	MOG	CLEAR	10,700	24,000	12
H37KC	250	ED28	MOG	DX	11,000	24,000	12
H33CD	400	ED37	MOG	CLEAR	20,600	24,000	12
H33GL	400	ED37	MOG	DX	22,000	24,000	12
H33FS	400	R60	MOG	DX	15,000	24,000	12
H36GV	1000	BT56	MOG	CLEAR	57,100	24,000	12
H36GW	1000	BT56	MOG	DX	62,800	24,000	12

Self Extinguishing

If outer envelope is broken this lamp self-extinguishes within 15-minutes

Item	Watts	Bulb	Lumens	Hours	Pkg
H33GL/T	400	ED37	20,600	24,000	6
H36GW/T	1000	BT56	56,200	24,000	6

Self Ballasted

- Direct incandescent screw-in replacement
Does not require an auxillary ballast

Item	Watts	Bulb	Pkg
SBMV100/E21	100	E21	12
SBMV160/E24	160	E24	12
SBMV160/R40	160	R40	12
SBMV250/ED28/MED	250	ED28	12
SBMV250/ED28/MOG	250	ED28	12
SBMV450/BT37	450	BT37	12
SBMV450/R57	450	R57	12
SBMV750/BT46	750	BT46	12
SBMV750/R57	750	R57	12