

LED Lamps, Tubes and Modules

Introduction	6-2	LED Tubes	
Product Information	6-2	Integrated and Refit LED Tubes	6-9
LED Decorative Lamps		Lightech™ Drivers	6-10
Candles.....	6-3	Infusion™ LED Modules	
Globes	6-3	LED and Downlight (DLM) Modules.....	6-10
Night Lights	6-3	Narrow Punch (NPM) Modules	6-11
LED Decorative Lamps – Indoor/Outdoor		Optics and Collar.....	6-11
Candles.....	6-3		
S14 Shape	6-3		
LED A-Line Lamps			
A-15.....	6-4		
A-19.....	6-4		
A-19 Reveal	6-4		
A-21.....	6-4		
Bright Stik	6-5		
LED Reflector Lamps			
R20.....	6-5		
BR30.....	6-5		
BR30 Reveal	6-5		
BR40.....	6-5		
LED Directional Lamps (MR16)			
12 Volt AC/DC MR16 and MRX16.....	6-5		
120 Volt GU10	6-6		
LED Directional Lamps (PAR)			
Compact PAR16.....	6-6		
Compact PAR20.....	6-6		
Compact PAR30 – Low Glare – Visual Comfort Lens™	6-6		
Compact PAR30 - Long Neck – Low Glare – Visual Comfort Lens™	6-7		
Compact PAR30	6-7		
Compact PAR30 Long Neck.....	6-7		
PAR38 – Low Glare – Visual Comfort Lens™	6-7		
Commercial PAR38 (Indoor/Outdoor).....	6-8		
LED HID	6-9		
LED Plug-in	6-9		

Incandescent

Halogen

High Intensity Discharge

Fluorescent

Compact Fluorescent

LED Lamps, Tubes and Modules

Stage and Studio

Miniature, Sealed Beam and Automotive

Projection

LED Lamps, Tubes and Modules

Introduction

A GE scientist invented the first visible LED in 1962, pioneering a technology that is revolutionizing the lighting industry. GE is also one of the largest LED systems companies in the world. But it's not only about size. We're dedicated to LED performance on your behalf. That's why we are helping to develop a universal set of performance measures so you can make an informed decision.

Product Information

LED Lamps and Tubes

Quality

The first time you turn on GE LED replacement lamps, you'll be amazed by the color, distribution, output and uniformity. The proof is in your "before and after" environment. In addition, every LED system comes with a product life rating that recognizes acceptable light output for its intended application, ensuring that you won't be left in the dark.

Long Life

GE's LED replacement lamps are sturdy, dependable and long lasting. Depending on the lamp, you can expect up to 50,000 hours of rated life. That's 12 hours a day, every day of the year, for over a decade.

Innovation

We continually invest in new products and are often the first to market with the latest upgrades, including light sources, luminaires and controls for a system that's both efficient and effective.



ENERGY STAR®

In addition to energy savings, ENERGY STAR® qualified LED lamps can further reduce the overall cost of ownership through lamp rebate incentives. Good news for you is that GE has the most ENERGY STAR® rated LEDs. According to ENERGY STAR® guidelines, the benefits of an ENERGY STAR® qualified LED lamp include:

- Uses about 75% less energy than a traditional incandescent lamp
- Lasts at least 6 times longer than an incandescent lamp
- Turns on instantly—there's no warm up time

Total System Solutions

Anyone can install a lamp. What we implement are lighting strategies and solutions. Our products are designed to benefit you from an overall performance perspective.

Proven Track Record

We've been here. We'll be here. Built into each of GE's LED replacement lamps is 125 years of experience, reliability and innovation. Every performance claim we make is supported by stringent, comprehensive testing—ensuring that your lighting investment pays off today and in the future.

Trusted Advisor

From the start, we provide a comprehensive lighting audit of existing systems, provide photometric analysis with 3D renderings of the new system, and forecast energy and maintenance savings. We also search out opportunities for improvement you may not have considered.

Short Payback Period

Decreased energy and maintenance costs, combined with utility rebates, deliver results that often exceed your expectations.

Family of Solutions

Directional. Omni-directional. Decorative. Dimming. Tight optical control. Accent. Task. Display. Indoor. Outdoor. You name it—we've got it in LED.

Infusion™ LED Module


GE Infusion™ is a game-changing technology and one of the most flexible LED lighting solutions on the market. As a designer, OEM, or end-users, you can choose from an extensive selection of modules. Plus, there's the assurance of GE reliability and performance.

- Built for the Future: If lighting needs change or LED technology advances, there is no need to buy new fixtures. Simply twist in the latest GE Infusion™ LED Module.
- Environmentally Conscious: The Infusion™ LED Module can use fewer materials than integral LED fixtures because only the module is replaced at the end of lamp life—not the entire light fixture.
- Customizable: Select the module with the light level or color quality that meets your needs. The Infusion™ LED Module dims using a variety of dimming protocols including 0-10V, Phase and DALI.
- Compatible: Ideal for fixture manufacturers designing for track, recessed, pendant or other types of luminaires around one compatible solution—no need for multiple base designs.



Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	†ENERGY STAR®	‡Location Rating	Additional Information
------------	-----------	-------	------------	-------------	-------	----------	----------	----------------	------	--------------------	-----	----------------------	-------------------------	----------	---------------	------------------	------------------------

LED Decorative Lamps


LED Candles (1.8W candles are 10-watt incandescent replacements – based on ENERGY STAR® requirements for lumens)

	Med	2.2	67994	LED2DCAM-F/827	120	48**	4.5	100		2700	80	15W	15,000	▲	★	Damp	Frost, Bent tip		
		2.2	67995	LED2DCAM-C/827	120	48**	4.5	100		2700	80	15W	15,000	▲	★	Damp	Clear, Bent Tip		
		3.5	68168	LED3DCAM-C/TP	120	3	4.2	170		2700	80	25W	15,000	▲	★	Damp	Clear, Bent Tip		
		4	65655	LED4DCAM-C/827	120	3	4.2	300		2700	80	40W	15,000	▲	★	Damp	Clear, Bent Tip		
		4	23707	LED4DCAM-C/5K/TP	120	3	4.2	350		5000	80	40W	15,000	▲	★	Damp	Clear, Bent Tip		
		4	89951	LED4DCAM-C/TP	120	3	4.2	300		2700	80	40W	15,000	▲		Damp	Clear, Bent Tip		
		4	21250	LED4DCAM-C3/827	120	6	4.2	300		2700	80	40W	15,000	▲		Damp	Clear, Bent Tip		
		4	75554	LED4DCAMCF/824	120	6	4.2	250		2400	76	25W	15,000	▲		Damp	Clear, Bent Tip		
		4.5	68167	LED4DCAM-F/TP	120	3	4.2	270		2700	82	25W	15,000	▲	★	Damp	Frost, Blunt Tip		
		4.5	89950	LED4.5DCAM-F/TP	120	3	4.2	300		2700	80	40W	15,000	▲	★	Damp	Frost, Bent tip		
		4.5	23706	LED4.5DCAM-F5KTP	120	3	4.2	350		5000	80	40W	15,000	▲	★	Damp	Frost, Bent tip		
		7	21251	LED7DCAM-C3/827	120	6	4.8	500		2700	80	60W	15,000	▲		Damp	Clear, Bent Tip		
		Cand	2	78822	LED2CAC/W	120	48**	4.1	60		2900	82		12,000				Dry	Frost, Bent tip
			2	78823	LED2CAC/CLR	120	48**	4.1	60		2900	82		12,000				Dry	Clear, Bent tip
	2.2		67992	LED2DCAM-F/827	120	48**	4.3	100		2700	80	15W	15,000	▲	★	Damp	Frost, Bent tip		
	3.5		68166	LED3DCAC-C/TP	120	3	4.3	170		2700	80	25W	15,000	▲	★	Damp	Clear, Bent Tip		
	4		89949	LED4DCAC-C/TP	120	3	4.2	300		2700	80	40W	15,000	▲		Damp	Clear, Bent Tip		
	4		65654	LED4DCAC-C/827	120	3	4.2	300		2700	80	40W	15,000	▲	★	Damp	Clear, Bent Tip		
	4		23691	LED4DCAC-C/5K/TP	120	3	4.2	350		5000	80	40W	15,000	▲	★	Damp	Clear, Bent Tip		
	4		21231	LED4DCAC-C3/827	120	6	4.3	300		2700	80	40W	15,000	▲		Damp	Clear, Bent Tip		
	4		75553	LED4DCACCF/824	120	6	4.3	250		2400	76	25W	15,000	▲		Damp	Clear, Bent Tip		
	4.5		68165	LED4DCAC-F/TP	120	3	4.3	270		2700	82	25W	15,000	▲	★	Damp	Frost, Bent Tip		
	4.5		89948	LED4.5DCAC-F/TP	120	3	4.2	300		2700	80	40W	15,000	▲	★	Damp	Frost, Bent tip		
	4.5		22239	LED4.5DCAC-F5KTP	120	3	4.2	350		5000	80	40W	15,000	▲	★	Damp	Frost, Bent tip		
	7		21233	LED7DCAC-C3/827	120	6	4.8	500		2700	80	60W	15,000	▲		Damp	Clear, Bent Tip		

LED Globes (1.8W candles are 10-watt and 2.3W candles are 15-watt incandescent replacements – based on ENERGY STAR® requirements for lumens)


	Cand	4.5	68169	LED4DG16C-W/TP	120	3	3.0	270		2700	82	25W	15,000	▲	★	Damp	White
		4.5	68170	LED4DG16C-C/TP	120	3	3.0	270		2700	82	25W	15,000	▲		Damp	Clear
		5	89952	LED5DG16C-W/TP	120	3	5	350		2700	80	40W	15,000	▲		Damp	White
	Med	4.5	68171	LED4DG25M-W/TP	120	3	4.3	280		2700	82	25W	15,000	▲	★	Damp	White
		4.5	68172	LED4DG25M-C/TP	120	3	4.3	280		2700	82	25W	15,000	▲		Damp	Clear
		5	89954	LED5DG25C-W/TP	120	3	5	350		2700	80	40W	15,000	▲	★	Damp	White
		5	64678	LED5DG25M-W/827	120	6	5	350		2700	80	40W	15,000	▲	★	Damp	White
		5	21253	LED5DG25-W3/827	120	6	4.3	350		2700	80	40W	15,000	▲		Damp	White
		6.5	26036	LED6DG25M-W/TP	120	3	5	500		2700	80	60W	15,000	▲		Damp	White
		6.5	92169	LED6DG25M-WSK/TP	120	3	5	500		5000	80	60W	15,000	▲		Damp	White
7	21255	LED7DG25-W3/827	120	6	4.3	500		2700	80	60W	15,000	▲		Damp	White		

LED Night Lights


	Cand	0.5	76422	LED1C7/W/CD2	120	6	2			2700			25,000				Dry	Frost
		0.5	13887	LED0.5C7/C/CD2	120	6	2			2700	80		25,000				Dry	Clear
		0.5	14150	LED0.5C7/W/CD2	120	6	2			2700	80		25,000				Dry	White

LED Decorative Lamps – Indoor/Outdoor

LED Candles (15-watt incandescent replacements – based on ENERGY STAR® requirements for lumens)

	Med	2.4	65541	LED2CAM-IO-830/F	120	48/6**	3.8	100		3000	80	15W	15,000		★	Wet	Clear, Fluted, Blunt tip
		2.4	65539	LED2CAM-IO-840/F	120	48/6**	3.8	100		4000	80	15W	15,000		★	Wet	Clear, Fluted, Blunt tip

LED S14 Shape

	Med	2.4	65545	LED2S14-IO/830/F	120	48/6**	3.4	100		3000	80	15W	15,000			Wet	Frosted
		2.4	65543	LED2S14-IO/840/F	120	48/6**	3.4	100		4000	80	15W	15,000			Wet	Frosted
		2.4	65544	LED2S14-IO/840/C	120	48/6**	3.4	100		4000	80	15W	15,000			Wet	Clear

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

** Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

‡ Energy Star status: Certified as meeting Energy Star guidelines.

§ UL 1993 Environmental Requirements for LED Lamps.





Location, damp – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.

Location, dry – Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Note: Product descriptions ending in "/TP" indicate a corded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

LED Lamps, Tubes and Modules

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	†ENERGY STAR®	‡Location Rating	Additional Information	
LED A-Line Lamps																		
LED A-15																		
	Med	3	63011	LED3A15/W/TP	120	3	3.5	120		3000	80		15,000				Dry	White
		3	63012	LED3A15/C/TP	120	3	3.5	120		3000	80		15,000				Dry	Clear
		3	92122	LED3A15RED	120	3	3.5			Red			15,000				Damp	Red
		3	92125	LED3A15BLUE	120	3	3.5			Blue			15,000				Damp	Blue
		3	92126	LED3A15GREEN	120	3	3.5			Green			15,000				Damp	Green
		3	92132	LED3A15PINK	120	3	3.5			Pink			15,000				Damp	Pink
		3	23054	LED3A15ORNG	120	3	3.5			Orange			15,000				Damp	Orange
		4.5	68173	LED4DA15-W/TP	120	3	3.5	270		2700	82	25W	15000	▲			Damp	White
		4.5	68174	LED4DA15-C/TP	120	3	3.5	270		2700	82	25W	15000	▲			Damp	Clear
		4.5	14644	LED4.5DA15-C/827	120	6	3.5	300		2700	80	40W	15,000	▲			Damp	Clear
		4.5	23724	LED4.5DA15-C5KTP	120	3	3.5	350		5000	80	40W	15,000	▲			Damp	Clear
		4.5	23708	LED4.5DA15-W5KTP	120	3	3.5	350		5000	80	40W	15,000	▲			Damp	White
		4.5	83645	LED4.5DA15C-FRIG	120	3	3.5	350		5000	80	40W	15,000	▲			Damp	Clear Refrigerator Bulb
		LED A-19 (The 9W A-19s are 40-watt and the 13W A-19s are 60-watt incandescent replacements – based on ENERGY STAR® requirements for lumens)																
	Med	7	89944	LED7DAV3/5K/BX	120	4	4.63	500		5000	80	40W	25,000	▲			Damp	White, Semi-Omni
		7	14063	LED7DAV3/827W	120	6	4.63	470		2700	80	40W	25,000	▲			Damp	White, Semi-Omni
		7	14194	LED7DAV3/BX	120	4	4.63	470		2700	80	40W	25,000	▲			Damp	White, Semi-Omni
		7	34238	LED7DA19/824	120	6	4.44	450		2400	80	40W	25,000	▲			Damp	White
		7	11332	LED7DA19/827	120	6	4.43	450		2700	80	40W	25,000	▲	★		Damp	White, Omnidirectional
		7	13448	LED7DA19/827/BX	120	3	4.43	450		2700	80	40W	25,000	▲	★		Damp	White, Omnidirectional
		7	71208	LED7DA19/830	120	6	4.43	450		3000	80	40W	25,000	▲	★		Damp	White, Omnidirectional
		7	95928	LED7DAV3/5K	120	6	4.63	500		5000	80	40W	25,000	▲			Damp	White, Semi-Omni
		7	83567	LED7DAV3XSW	120	4	4.63	470		2700	85	40W	25,000	▲			Damp	White, Semi-Omni
		8	89900	LED8DA19/TP	120	3	4.43	450		2700	80	40W	25,000	▲	★		Dry	White, Omnidirectional
		10.5	95927	LED11DA19/5K	120	6	4.43	850		5000	80	60W	15,000	▲			Damp	White, Semi-Omni
		10.5	92145	LED11DAV3-OD	120	3	4.43	800		2700	80	60W	15,000				Damp	Postlight, White, Semi-Omni
		10.5	89943	LED11DAV3/5K/BX	120	4	4.63	850		5000	80	60W	15,000	▲			Damp	White, Semi-Omni
		10.5	13791	LED11DAV3/827W	120	6	4.63	800		2700	80	60W	15,000	▲			Damp	White, Semi-Omni
		10.5	14203	LED11DAV3/BX	120	4	4.63	800		2700	78	60W	15,000	▲			Damp	White, Semi-Omni
		10.5	83570	LED11DAV3XSW	120	4	4.63	800		2700	85	60W	15,000	▲			Damp	White, Semi-Omni
		11	42473	LED11DA19/5K/BX	120	3	4.43	900		5000	80	60W	25,000	▲	★		Damp	White, Omnidirectional
		11	29268	LED11DA19/824	120	6	4.44	800		2400	80	60W	25,000	▲			Damp	White
		11	11328	LED11DA19/827	120	6	4.43	800		2700	80	60W	25,000	▲	★		Damp	White, Omnidirectional
		11	33846	LED11DA19/827/BX	120	3	4.43	800		2700	80	60W	25,000	▲	★		Damp	White, Omnidirectional
11	71209	LED11DA19/830	120	6	4.43	800		3000	80	60W	25,000	▲	★		Damp	White, Omnidirectional		
11	92286	LED11DA19/GU24TP	120	3	4.43	800		2700	80	60W	25,000	▲	★		Damp	White, Omnidirectional		
11	74357	LED11DA19827GU24	120	6	5.43	800		2700	80	60W	25,000	▲	★		Damp	White		
13	13884	LED13DA21/827/BX	120	3	5.28	1100		2700	80	75W	25,000	▲	★		Damp	White, Omnidirectional		
LED A-19 Reveal																		
		7	63178	LED7DA19RVLESTP	120	3	4.43	450		2700	84	40W	25,000	▲	★		Damp	White, Omnidirectional
		11	63180	LED11DA19RVLESTP	120	3	4.43	800		2700	84	60W	25,000	▲	★		Damp	White, Omnidirectional
LED A-21																		
	Med	12	73384	LED12DA21F/830FE	120	6	5.31	1100		3000	80	100W	25,000	▲			Enclosed	White, Enclosed
		12	73404	LED12DA21/850FE	120	6	5.31	1100		5000	80	100W	25,000	▲			Enclosed	White, Enclosed
		13	14075	LED13DA21/827	120	6	5.28	1100		2700	80	75W	25,000	▲	★		Damp	White, Omnidirectional
		13	12422	LED13DA212/827	120	6	5.28	1100		2700	80	75W	25,000	▲	★		Damp	White, Omnidirectional
		14	23950	LED14DA21-W5KTP	120	3	5.28	1350		5000	80	75W	15,000	▲			Damp	White, Semi-Omni
		14	89993	LED14DA21-W/TP	120	3	5.28	1100		2700	80	75W	15,000	▲				White, Semi-Omni
		14	94936	LED14DA21/827W	120	6	5.28	1100		2700	80	75W	15,000	▲				White, Semi-Omni
		14	23005	LED14DA21XSW	120	4	5.28	1100		2700	85	75W	15,000	▲			Damp	White, Semi-Omni
		16	14074	LED16DA21/827	120	6	5.28	1600		2700	80	100W	25,000	▲	★		Damp	White, Omnidirectional
		16	12349	LED16DA212/827	120	6	5.28	1600		2700	80	100W	25,000	▲	★		Damp	White, Omnidirectional
		16	13909	LED16DA21/827/BX	120	3	5.28	1600		2700	80	100W	25,000	▲	★		Damp	White, Omnidirectional
		16	34236	LED16DA21/830	120	6	5.28	1600		3000	80	100W	25,000	▲	★		Damp	White, Omnidirectional
		16	12399	LED16DA212/830	120	6	5.28	1600		3000	80	100W	25,000	▲	★		Damp	White, Omnidirectional
		16	92498	LED16DA21827GU24	120	6	5.43	1600		2700	80	100W	25,000	▲	★		Damp	White

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

** Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

†† Energy Star status: Certified as meeting Energy Star guidelines.







‡ UL 1993 Environmental Requirements for LED Lamps.

Location, damp – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.

Location, dry – Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Notes: Product descriptions ending in "/TP" indicate a corded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	††ENERGY STAR®	‡Location Rating	Additional Information
LED A-Line Lamps (continued)																	
LED A-21 (continued)																	
	Med	16	92117	LED16A30/100/BX	120	3	5.31	400/1600/1050		2700	80	30W/70W/100W	25,000			Damp	White, 3-Way
		16	92118	LED16A30/100/5KB	120	3	5.31	400/1600/1050		5000	80	30W/70W/100W	25,000			Damp	White, 3-Way
		16	73376	LED16A30/100/827	120	6	5.31	400/1600/1050		2700	80	30W/70W/100W	25,000			Damp	White, 3-Way
	Med	17	34369	LED17DA21/5K/BX	120	4	5.28	1600		5000	80	100W	15,000	▲		Damp	White, Semi-Omni
		17	16113	LED17DA21/827	120	6	5.28	1600		2700	78	100W	15,000	▲		Damp	White, Semi-Omni
		17	83693	LED17DA21/BX	120	4	5.28	1600		2700	78	100W	15,000	▲		Damp	White, Semi-Omni
		17	23006	LED17DA221XSW	120	4	5.28	1520		2700	85	100W	15,000	▲		Damp	White, Semi-Omni
		22	73378	LED22A50/150/827	120	6	5.31	700/2155/1600		2700	80	50W/100W/150W	25,000			Damp	White, 3-Way
		22	92119	LED22A50/150/BX	120	3	5.31	700/2155/1600		2700	80	50W/100W/150W	25,000			Damp	White, 3-Way
		22	92120	LED22A50/150/5KB	120	3	5.31	700/2155/1600		5000	80	50W/100W/150W	25,000			Damp	White, 3-Way
LED Bright Stik																	
	Med	7	28089	LED10LS3/828	120	48	4.45	760		2840	80	60	15,000			Indoor	Case = 16 3-pack
LED Reflector Lamps																	
LED R20																	
	Med	7	33851	LED7DRS20F-W/TP	120	3	4.43	470		2700	80		25,000	▲		Damp	White
		7	13829	LED7DRS20F827	120	6	3.64	470		2700	80		25,000	▲		Damp	White
		7	14065	LED7DRS20F830	120	6	3.64	470		3000	80		25,000	▲		Damp	White
		7	20453	LED7DRS20F/5K/TP	120	3	4.43	500		5000	80		25,000	▲		Damp	White
LED BR30 (The 12w BR30s are 65-watt incandescent replacements - based on ENERGY STAR® requirements for lumens)																	
	Med	10	68160	LED10DR303V/827W	120	6	5.37	700		2700	80	65W	25,000	▲	★	Damp	Frosted, White body
		10	68161	LED10DR303V/830W	120	6	5.37	700		3000	80	65W	25,000	▲	★	Damp	Frosted, White body
		10	89936	LED10DR303-W/TP	120	3	5.37	700		2700	80	65W	25,000	▲	★	Damp	Frosted, White body
		10	89942	LED10DR303/5K/TP	120	3	5.37	700		5000	80	65W	25,000	▲	★	Damp	Frosted, White body
LED BR30 Reveal																	
		12	95982	LED12DR30RVL/TP	120	3	5.37	650		2850	90	65W	25,000	▲		Damp	Frosted, White body
		12	83574	LED12DR303RVLES	120	3	5.37	650		2700	90	65W	25,000	▲	★	Damp	Frosted, White Body
LED BR40																	
	Med	13	89941	LED13BR40/TP	120	3	6.34	1070		2700	80	85W	25,000	▲	★	Damp	Frosted, White body
		13	20445	LED13BR40/5K/TP	120	3	6.34	1070		5000	80	85W	25,000	▲	★	Damp	Frosted, White body
		13	64176	LED13DBR40/827	120	6	6.34	1070		2700	80	85W	25,000	▲	★	Damp	Frosted, White body
		13	14708	LED13DBR40/830	120	6	6.34	1070		3000	80	85W	25,000	▲	★	Damp	Frosted, White body
LED Directional Lamps (MR16)																	
LED 12 Volt AC/DC MR16 and MRX16 (35-watt Halogen replacements - based on ENERGY STAR® requirements for center beam candlepower)																	
	GUS.3	4	62915	LED4MR16/NFL/TP	12	3	1.88	210	800	3000	80		25,000			Damp	Accent, 25° beam, Silver
		7	66126	LED7DMR16/NFL/TP	12	3	1.88	390	1900	3000	84	35W	25,000	▲	★	Damp	Accent, 25° beam, Silver
		7	89945	LED7DMR16D/TP	12	6	1.88	390	1900	3000	83	35W	25,000	▲		Dry	Accent, 25° beam, Silver
		7	69920	LED7DMR16D830/25	12	6	1.9	390	1900	3000	83	35W	25,000	▲	★	Dry	Accent, 25° beam, Silver
		7	69925	LED7DMR16D840/15	12	6	1.9	430	4000	4000	87	35W	25,000	▲		Dry	Accent, 15° beam, Silver
		7	69927	LED7DMR16D840/35	12	6	1.9	430	1200	4000	84	35W	25,000	▲	★	Dry	Accent, 35° beam, Silver
		7	93431	LED7DMR16S827/15	12	6	1.97	440	3700	2700	80	35W	25,000	▲	★	Dry	Accent, 15° beam, Silver
		7	93412	LED7DMR16S830/15	12	6	2.3	460	3800	3000	80	35W	25,000	▲	★	Dry	Accent, 15° beam, Silver
		7	89947	LED7XDMR16D/TP	12	6	1.88	500	2500	3000	82	50W	25,000	▲		Dry	Accent, 25° beam, Silver, Gen 2††
		7	69951	LED7XDMR16S82725	12	6	1.88	480	2400	2700	80	50W	25,000	▲	★	Dry	Accent, 25° beam, Silver

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

** Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

†† Energy Star status: Certified as meeting Energy Star guidelines.

‡ UL 1993 Environmental Requirements for LED Lamps.

Location, damp - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.








Location, dry - Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet - Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

††† Improved transformer and dimmer compatibility

Note: Product descriptions ending in "TP" indicate a carded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

LED Lamps, Tubes and Modules

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	††ENERGY STAR®	‡Location Rating	Additional Information	
LED Directional Lamps (MR16) (continued)																		
LED 12 Volt AC/DC MR16 and MRX16 (continued) (35-watt Halogen replacements – based on ENERGY STAR® requirements for center beam candlepower)																		
	GU5.3	7	69952	LED7XDMR16S82735	12	6	1.88	480	1400	2700	80	50W	25,000	▲	★	Dry	Accent, 35° beam, Silver	
		7	69949	LED7XDMR16S83025	12	6	1.88	500	2500	3000	82	50W	25,000	▲	★	Dry	Accent, 25° beam, Silver	
		7	69950	LED7XDMR16S83035	12	6	1.88	500	1500	3000	82	50W	25,000	▲	★	Dry	Accent, 35° beam, Silver	
		7	66524	LED7XDMR16830/25	12	6	1.88	460	2500	3000	80	50W	25,000	▲	★	Damp	Accent, 25° beam, Silver	
	GU5.3	7	39360	LED7DMRX16827/25	12	6	2.2	400	1800	2700	80	35W	25,000	▲	★	Dry	Accent, 25° beam, White	
		7	39405	LED7DMRX16827/35	12	6	2.2	400	1000	2700	80	35W	25,000	▲	★	Dry	Accent, 35° beam, White	
		7	39351	LED7DMRX16830/35	12	6	2.2	420	1100	3000	82	35W	25,000	▲	★	Dry	Accent, 35° beam, White	
		7	39408	LED7DMRX16840/25	12	6	2.2	460	2100	4000	83	35W	25,000	▲	★	Dry	Accent, 25° beam, White	
		7	39427	LED7DMRX16840/35	12	6	2.2	460	1200	4000	83	35W	25,000	▲	★	Dry	Accent, 35° beam, White	
		6	39468	LED6DMR16-V82735	12	6	1.8	430	1150	2700	80	35W	25,000	▲		Dry	Accent, 35° beam, White	
		6	39438	LED6DMR16-V83035	12	6	1.8	460	1200	3000	80	35W	25,000	▲		Dry	Accent, 35° beam, White	
		6	39472	LED6DMR16-V84035	12	6	1.8	500	1300	4000	80	35W	25,000	▲		Dry	Accent, 35° beam, White	
		7	39473	LED7DMR16-V8325	12	6	1.88	550	2400	3000	80	50W	25,000	▲		Dry	Accent, 25° beam, White	
		7	39483	LED7DMR16-V8335	12	6	1.88	550	1400	3000	80	50W	25,000	▲		Dry	Accent, 35° beam, White	
		7	39542	LED7DMR16-V2725	12	6	1.88	530	2400	2700	80	50W	25,000	▲		Dry	Accent, 25° beam, White	
		7	39567	LED7DMR16-V2735	12	6	1.88	530	1400	2700	80	50W	25,000	▲		Dry	Accent, 35° beam, White	
LED 120 Volt GU10																		
	GU10	1	73153	LED1GU10/NFL/CD	120	3	2.30	35	100	5500	70		12,000			Dry	Deco Light	
		4	75865	LED4GU10/NFL/TP	120	3	2.30	100	250	3050	82		15,000			Dry	Accent, 25° beam, Silver	
		4	89020	LED4D/GU10/NFLTP	120	3	2.3	250	720	3000	80	35W	25,000	▲	★	Dry	Accent, 35° beam, White	
		4.5	62909	LED5GU10/NFL/TP	120	3	2.30	200	800	3000	82	35W	25,000		★	Dry	Accent, 25° beam, Silver	
		6	26346	LED6D/GU10/NFL/TP	120	3	2.3	380	1100	3000	80	50W	25,000	▲	★	Dry	Accent, 35° beam, White	
LED Directional Lamps (PAR)																		
LED Compact PAR16																		
	MED	4	26383	LED4D/P16/NFLTP	120	3	2.8	250	720	3000	80	40W	25,000	▲	★	Dry	Accent, 35° beam, White	
		6	26384	LED6D/P16/NFLTP	120	3	2.8	380	1100	3000	80	60W	25,000	▲	★	Dry	Accent, 35° beam, White	
LED Compact PAR20 (50-watt halogen replacements – based on ENERGY STAR® requirements for center beam candlepower)																		
	MED	7	90101	LED7DP202B830/15	120	6	3.5	520	5100	3000	83	70W	25,000	▲	★	Damp	Accent, 15° beam, Black	
		7	90102	LED7DP202B830/20	120	6	3.5	520	3600	3000	83	70W	25,000	▲	★	Damp	Accent, 20° beam, Black	
		7	99644	LED7DP202B827/20	120	6	3.5	500	4000	2700	83	70W	25,000	▲	★	Damp	Accent, 20° beam, White	
		7	93327	LED7DP203B830/20	120	6	3.5	520	3600	3000	80	70W	25,000	▲	★	Damp	Accent, 20° beam Black	
		7	92121	LED7DP203NFL5KTP	120	3	3.5	550	4000	5000	80	70W	25,000	▲	★	Damp	Accent, 20° beam, White	
		7	74374	LED7DP203W/NFLTP	120	3	3.5	500	3600	2700	80	70W	25,000	▲	★	Damp	Accent, 20° beam, White	
		7	93347	LED7DP203W830/20	120	6	3.5	520	3600	3000	80	70W	25,000	▲	★	Damp	Accent, 20° beam White	
		7	93348	LED7DP203W830/35	120	6	3.5	520	1200	3000	80	65W	25,000	▲	★	Damp	Accent, 35° beam White	
		7	93349	LED7DP203B827/20	120	6	3.5	500	3600	2700	80	70W	25,000	▲	★	Damp	Accent, 20° beam Black	
		7	93354	LED7DP203B827/35	120	6	3.5	500	1150	2700	80	65W	25,000	▲	★	Damp	Accent, 35° beam Black	
		7	93360	LED7DP203W827/20	120	6	3.5	500	3600	2700	80	70W	25,000	▲	★	Damp	Accent, 20° beam White	
		7	93362	LED7DP203W827/35	120	6	3.5	500	1150	2700	80	65W	25,000	▲	★	Damp	Accent, 35° beam White	
		LED Compact PAR30 – Low Glare – Visual Comfort Lens™ (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)																
	MED	12	67922	LED12DP30R930/15	120	6	3.75	860	5650	3000	91	65W	25,000	▲		Dry	Accent, 15° beam, Silver	
		12	67923	LED12DP30R930/25	120	6	3.75	860	3100	3000	91	75W	25,000	▲		Dry	Accent, 25° beam, Silver	
		12	67925	LED12DP30R927/15	120	6	3.75	820	5350	2700	91	65W	25,000	▲	★	Dry	Accent, 15° beam, Silver, 65-w Repl.	
		12	67926	LED12DP30R927/25	120	6	3.75	820	2950	2700	91	75W	25,000	▲		Dry	Accent, 25° beam, Silver	
		12	84374	LED12DP30RW93015	120	6	3.74	860	9400	3000	90	75W	25,000	▲	★	Damp	Spot, 15° beam, White	
		12	84379	LED12DP30RW93025	120	6	3.74	900	3900	3000	90	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White	
		12	84380	LED12DP30RW93040	120	6	3.74	900	1800	3000	90	75W	25,000	▲	★	Damp	Flood, 40° beam, White	
		12	84392	LED12DP30RW92725	120	6	3.74	850	3500	2700	90	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White	
		12	84395	LED12DP30RW92740	120	6	3.74	850	1700	2700	90	75W	25,000	▲	★	Damp	Flood, 40° beam, White	
		12	92881	LED12DP30RW83540	120	6	3.74	1100	2500	3500	80	75W	25,000	▲	★	Damp	Flood, 40° beam, White	

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

† Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

†† Energy Star status: Certified as meeting Energy Star guidelines.







‡ UL 1993 Environmental Requirements for LED Lamps.

Location, damp – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.

Location, dry – Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Note: Product descriptions ending in "/TP" indicate a carded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	‡Dimmable	††ENERGY STAR®	‡‡Location Rating	Additional Information
LED Directional Lamps (PAR) (continued)																	
LED Compact PAR30 - Low Glare - Visual Comfort Lens™ (continued) (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)																	
	MED	12	84384	LED12DP30RW83025	120	6	3.74	1050	4800	3000	80	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		12	42131	LED12DP30RW83040	120	6	3.74	1050	2400	3000	80	75W	25,000	▲	★	Damp	Flood, 40° beam, White
		12	42133	LED12DP30RW82725	120	6	3.74	1000	4700	2700	80	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		12	73583	LED12DP30RB82740	120	6	3.74	1000	2200	2700	80	75W	25,000	▲	★	Damp	Flood, 40° beam, Black
LED Compact PAR30 - Long Neck - Low Glare - Visual Comfort Lens™ (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)																	
	MED	12	68387	LED12DP3LR930/15	120	6	4.75	860	5650	3000	91	65W	50,000	▲		Dry	Accent, 15° beam, Silver
		12	68388	LED12DP3LR930/25	120	6	4.75	860	3100	3000	91	75W	25,000	▲		Dry	Accent, 25° beam, Silver
		12	68390	LED12DP3LR927/15	120	6	4.75	820	5350	2700	91	65W	50,000	▲	★	Dry	Accent, 15° beam, Silver, 65-w Repl.
		12	68391	LED12DP3LR927/25	120	6	4.75	820	2950	2700	91	75W	50,000	▲	★	Dry	Accent, 25° beam, Silver, 75-w Repl.
		12	84399	LED12DP3LRW93025	120	6	4.72	900	3900	3000	90	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		12	84400	LED12DP3LRW93040	120	6	4.72	900	1800	3000	90	75W	25,000	▲	★	Damp	Flood, 40° beam, White
		12	84407	LED12DP3LRW92740	120	6	4.72	850	1700	2700	90	75W	25,000	▲	★	Damp	Flood, 40° beam, White
		12	42136	LED12DP3LRW83025	120	6	4.72	1050	4800	3000	80	75W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		12	42137	LED12DP3LRW83040	120	6	4.72	1050	2400	3000	80	75W	25,000	▲	★	Damp	Flood, 40° beam, White
		12	42144	LED12DP3LRW82740	120	6	4.72	1000	2200	2700	80	75W	25,000	▲	★	Damp	Flood, 40° beam, White
		17	20135	LED17DP30LW93015	120	6	4.8	1100	12000	3000	90	75W	25,000	▲	★	Damp	Spot, 15° beam, White
		17	20151	LED17DP30LW93025	120	6	4.8	1100	4600	3000	90	75W	25,000	▲	★	Damp	Spot, 25° beam, White
		LED Compact PAR30 (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)															
	MED	12	94220	LED12DP302W82735	120	6	3.66	850	2300	2700	84	85W	25,000	▲	★	Damp	Flood, 35° beam, White
		12	89988	LED12DP302/FL/TP	120	3	3.66	850	2300	2700	84	75W	25,000	▲	★	Damp	Accent, 35° beam, White
		12	98755	LED12DP303W83035	120	6	3.66	950	2600	3000	80	85W	25,000	▲	★	Damp	Flood, 35° beam, White, STIR
LED Compact PAR30 Long Neck (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)																	
	MED	10	61925	LED10DP3LS827/20	120	6	4.75	450	3450	2700	80	55W	50,000	▲		Damp	Accent, 20° beam, Silver, 55-w Repl.
		12	65141	LED12DP3LS827/20	120	6	4.75	740	4400	2700	83	75W	25,000	▲		Damp	Accent, 20° beam, Silver
		12	89989	LED12DP3L2/FL/TP	120	3	4.61	850	2300	2700	84	75W	25,000	▲	★	Damp	Accent, 35° beam, White
		12	22233	LED12DP3L2/FLSKTP	120	3	4.61	1050	3000	5000	84	75W	25,000	▲	★	Damp	Accent, 35° beam, White
		12	98811	LED12DP3LW83035	120	6	4.61	950	2600	3000	80	85W	25,000	▲	★	Damp	Accent, 35° beam, White, STIR
LED PAR38 - Low Glare - Visual Comfort Lens™ (90-watt halogen replacements - based on ENERGY STAR® requirements for center beam candlepower)																	
	MED	12	63233	LED12DP38W830/25	120	6	5.32	1000	4800	3000	80	90W	25,000	▲		Dry	Narrow Flood, 25° beam, White
		12	63323	LED12DP38W827/25	120	6	5.32	960	4600	2700	80	90W	25,000	▲		Dry	Narrow Flood, 25° beam, White
		12	63329	LED12DP38W827/40	120	6	5.32	960	1800	2700	80	90W	25,000	▲		Dry	Flood, 40° beam, White
		12	63330	LED12DP38W930/15	120	6	5.32	860	11400	3000	91	90W	25,000	▲		Dry	Spot, 15° beam, White
		12	63332	LED12DP38W930/40	120	6	5.32	860	1600	3000	91	90W	25,000	▲	★	Dry	Flood, 40° beam, White
		12	63334	LED12DP38W927/25	120	6	5.32	820	3900	2700	91	90W	25,000	▲		Dry	Narrow Flood, 25° beam, White
		12	63343	LED12DP38W927/40	120	6	5.32	820	1550	2700	91	90W	25,000	▲	★	Dry	Flood, 40° beam, White
		12	92971	LED12D38W3827/40	120	6	5.31	1050	2300	2700	81	100W	25,000	▲	★	Damp	Flood, 40° beam, White
		12	92972	LED12D38W3830/25	120	6	5.31	1050	5500	3000	81	100W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		12	92973	LED12D38W0383040	120	6	5.31	1050	2300	3000	80	100W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	94909	LED18D38W830/15	120	6	5.31	1400	8700	3000	80	85W	25,000	▲	★	Dry	Spot, 15° beam, White
		18	94903	LED18D38W930/15	120	6	5.31	1200	7500	3000	91	75W	25,000	▲	★	Dry	Spot, 15° beam, White
		18	94904	LED18D38W930/25	120	6	5.31	1200	4400	3000	91	100W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

** Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

†† Energy Star status: Certified as meeting Energy Star guidelines.

‡ UL 1993 Environmental Requirements for LED Lamps.

Location, damp - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.

Location, dry - Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet - Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.


Note: Product descriptions ending in "/TP" indicate a cored blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

LED Lamps, Tubes and Modules


Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	‡ENERGY STAR®	‡Location Rating	Additional Information
------------	-----------	-------	------------	-------------	-------	----------	----------	----------------	------	--------------------	-----	----------------------	-------------------------	----------	---------------	------------------	------------------------

LED Directional Lamps (PAR) (continued)

LED PAR38 – Low Glare – Visual Comfort Lens™ (continued) (90-watt halogen replacements – based on ENERGY STAR® requirements for center beam candlepower)

PAR38	MED																
		18	94901	LED18D38W927/15	120	6	5.31	1100	7100	2700	91	75W	25,000	▲	★	Dry	Spot, 15° beam, White
		18	94902	LED18D38W927/40	120	6	5.31	1100	2300	2700	91	120W	25,000	▲	★	Dry	Flood, 40° beam, White
		18	92923	LED18D38W3927/25	120	6	5.31	1250	4900	2700	92	100W	25,000	▲	★	Damp	Narrow Flood, 25° beam, White
		18	92933	LED18D38W3930/25	120	6	5.31	1350	5200	3000	92	100W	25,000	▲	★	Dry	Narrow Flood, 25° beam, White
		18	92934	LED18D38W3930/40	120	6	5.12	1350	3200	3000	92	120W	25,000	▲	★	Damp	Flood, 40° beam, White
		18	92958	LED18D38W3827/40	120	6	5.12	1550	3800	2700	81	120W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	92963	LED18D38W3830/25	120	6	5.12	1550	6000	3000	81	120W	25,000	▲	★	Wet	Narrow Flood, 25° beam, White
		18	92967	LED18D38W3830/40	120	6	5.12	1550	4000	3000	81	150W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	92926	LED18D38W3927/40	120	6	5.12	1250	2900	2700	92	120W	25,000	▲	★	Dry	Flood, 40° beam, White
		18	93172	LED18D38W3840/40	120	6	5.31	1700	4400	4000	81	150W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	65730	LED18D38W3850/25	120	6	5.31	1700	6500	5000	81	120W	25,000	▲	★	Wet	Narrow Flood, 25° beam, White
		18	65731	LED18D38W3850/40	120	6	5.31	1700	4400	5000	81	150W	25,000	▲	★	Wet	Flood, 40° beam, White

LED Commercial PAR38 (Indoor/Outdoor) (Halogen replacement info below is based on ENERGY STAR® requirements for center beam candlepower)

PAR38	MED																
		12	66113	LED12DP38S830/35	120	6	5.31	700	1500	3000	82	65W	25,000	▲		Damp	Flood, 35° beam, Silver, 65-w Repl.
		12	66114	LED12DP38S827/12	120	6	5.31	660	10000	2700	82	70W	25,000	▲		Damp	Spot, 12° beam, Silver, 70-w Repl.
		12	90150	LED12DP382W830/25	120	6	5.12	950	4400	3000	84	85W	25,000	▲		Wet	Narrow Flood, 25° beam, White
		12	90151	LED12DP382W830/35	120	6	5.12	950	2700	3000	84	85W	25,000	▲	★	Wet	Flood, 35° beam, White
		12	90132	LED12DP382W827/25	120	6	5.12	850	4000	2700	84	85W	25,000	▲	★	Wet	Narrow Flood, 25° beam, White
		12	89990	LED12DP382WFL/TP	120	3	5.12	950	2700	3000	84	85W	25,000	▲	★	Wet	Flood, 35° beam, White
		18	90154	LED18DP38W827/25	120	6	5.12	1200	7000	2700	84	100W	25,000	▲	★	Wet	Narrow Flood, 25° beam, White
		18	94453	LED18DP38W827/40	120	6	5.12	1200	2200	2700	84	100W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	90162	LED18DP38W840/25	120	6	5.12	1400	8200	4000	84	100W	25,000	▲	★	Wet	Narrow Flood, 25° beam, White
		18	90163	LED18DP38W840/40	120	6	5.12	1400	2600	4000	84	100W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	89992	LED18DP38WFL/TP	120	6	5.12	1300	2400	3000	84	100W	25,000	▲	★	Wet	Flood, 40° beam, White
		18	22235	LED18DP38FL5K/TP	120	3	5.12	1500	3200	5000	84	100W	25,000	▲	★	Wet	Flood, 40° beam, White
		20	68200	LED20DP38V840/12	120	6	5.1	1200	17000	4000	82	100W	25,000	▲		Wet	Spot, 12° beam, Silver
		26	68183	LED26DP38S830/12	120	6	5.31	1500	24000	3000	82	130W	25,000	▲	★	Wet	Spot, 12° beam, Silver, 130-w Repl.
		26	68184	LED26DP38S830/25	120	6	5.31	1500	6800	3000	82	130W	25,000	▲	★	Wet	Narrow Flood, 25° beam, Silver, 130-w Repl.
		26	68185	LED26DP38S830/40	120	6	5.31	1500	3100	3000	82	120W	25,000	▲	★	Wet	Flood, 40° beam, Silver, 120-w Repl.
		26	68182	LED26DP38S840/40	120	6	5.31	1650	3200	4000	82	120W	25,000	▲	★	Wet	Flood, 40° beam, Silver, 120-w Repl.
		26	68181	LED26DP38S-FL/TP	120	6	5.31	1650	3200	4000	82	120W	25,000	▲	★	Wet	Flood, 40° beam, Silver, 120-w Repl.
		26	33647	LED26DP38S835/12	120	6	5.31	1900	31,000	3500	82	160W	25,000	▲	★	Wet	Spot, 12° beam, Silver
		26	70591	LED26DP38S835/40	120	6	5.31	1900	4,000	3500	82	160W	25,000	▲	★	Wet	Flood, 40° beam, Silver
		28	15139	LED28P38S830/15	120	6	5.31	2400	20,000	3000	81	150W	25,000		★	Dry	Spot, 15° beam, Silver, Non-Dimming
		28	25844	LED28P38S830/25	120	6	5.31	2400	11,000	3000	81	150W	25,000		★	Dry	Narrow Flood, 25° beam, Silver, Non-Dimming
	28	25953	LED28P38S830/40	120	6	5.31	2400	5,600	3000	81	150W	25,000		★	Dry	Flood, 40° beam, Silver, Non-Dimming	

* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).

** Minimum order quantity = 6

† Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type

‡ Energy Star status: Certified as meeting Energy Star guidelines.

§ UL 1993 Environmental Requirements for LED Lamps.



Location, damp – Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.

Location, dry – Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet – Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Note: Product descriptions ending in "/TP" indicate a carded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.

Bulb Shape	Base Type	Watts	Order Code	Description	Volts	Case Qty	MOL (in)	Lumens Initial	CBCP	Initial Color Temp	CRI	†Wattage Equivalency	*Rated Life - Hours L70	Dimmable	†ENERGY STAR®	‡Location Rating	Additional Information
LED HID																	
ED37	EX39	165	21259	LED165/M400/740		3	11.42	20,000		4000	73	400W	50,000			Dry	Open Rated, ANSI - M59, M135, M155

LED Plug-in																	
	G24q/GX24	12	96801	LED12G24Q-V/827	#	6	5.31	950	-	2700	80		50,000			Dry	Requires Electronic Ballast, White
		12	96775	LED12G24Q-V/830	#	6	5.31	950	-	3000	80		50,000			Dry	Requires Electronic Ballast, White
		12	96689	LED12G24Q-V/835	#	6	5.31	1000	-	3500	80		50,000			Dry	Requires Electronic Ballast, White
		12	96771	LED12G24Q-V/840	#	6	5.31	1000	-	4000	80		50,000			Dry	Requires Electronic Ballast, White
	G24q/GX24	12	96799	LED12G24Q-H/827	#	6	5.31	950	-	2700	80		50,000			Dry	Requires Electronic Ballast, White
		12	96798	LED12G24Q-H/830	#	6	5.31	950	-	3000	80		50,000			Dry	Requires Electronic Ballast, White
		12	96761	LED12G24Q-H/835	#	6	5.31	1000	-	3500	80		50,000			Dry	Requires Electronic Ballast, White
		12	96769	LED12G24Q-H/840	#	6	5.31	1000	-	4000	80		50,000			Dry	Requires Electronic Ballast, White

Bulb	Watts	Order Code	Description	Base	Qty	MOL (in.)	Initial Lumens	Initial Color Temp	CRI	Life (L70)	DLC	UL	‡Location Rating	Comments
------	-------	------------	-------------	------	-----	-----------	----------------	--------------------	-----	------------	-----	----	------------------	----------

LED Tubes

Integrated 4 ft LED Tubes (Operates on Instant Start or Program Start Ballast)														
T8	18	31550	LED18ET8/4/830	G13	25	48	2200	3500K	80+	50K	Yes	Yes	Damp	Dimmability Requires PRS Ballast
	18	93133	LED18ET8/4/835	G13	25	48	2200	3500K	80+	50K	Yes	Yes	Damp	Dimmability Requires PRS Ballast
	18	93135	LED18ET8/4/840	G13	25	48	2200	4000K	80+	50K	Yes	Yes	Damp	Dimmability Requires PRS Ballast
	18	93140	LED18ET8/4/850	G13	25	48	2200	5000K	80+	50K	Yes	Yes	Damp	Dimmability Requires PRS Ballast

Integrated 3 ft LED Tubes (Operates on Instant Start or Program Start Ballast)														
T8	12	31554	LED12ET8/3/830	G13	25	36	1400	3500K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	12	26544	LED12ET8/3/835	G13	25	36	1400	3500K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	12	26625	LED12ET8/3/840	G13	25	36	1400	4000K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	12	26627	LED12ET8/3/850	G13	25	36	1400	5000K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast

Integrated 2 ft LED Tubes (Operates on Instant Start or Program Start Ballast)														
T8	9	31557	LED9ET8/2/830	G13	25	24	1100	3500K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	9	26635	LED9ET8/2/835	G13	25	24	1100	3500K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	9	26648	LED9ET8/2/840	G13	25	24	1100	4000K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast
	9	26676	LED9ET8/2/850	G13	25	24	1100	5000K	80+	50K	-	Yes	Damp	Dimmability Requires PRS Ballast

Refit 4 ft LED Tubes (Operates with Remote Driver)														
T8	16	88138	LED18T8/4/850/BT	G13	25	48	2300	5000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	94381	LED21T8/4/835	G13	10	48	2100	3500K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	94382	LED21T8/4/840	G13	10	48	2100	4000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	94383	LED21T8/4/850	G13	10	48	2200	5000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	26059	LED21T8/4/865	G13	10	48	2200	6500K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver
	18	62428	LED21T8/G/4/835	G13	10	48	2200	3500K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	62485	LED21T8/G/4/840	G13	10	48	2200	4000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	18	62487	LED21T8/G/4/850	G13	10	48	2300	5000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver

Refit 3 ft LED Tubes (Operates with Remote Driver)														
T8	16	82343	LED18T8/3/835	G13	10	36	1800	3500K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver
	16	82345	LED18T8/3/840	G13	10	36	1800	4000K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver
	16	82346	LED18T8/3/850	G13	10	36	1800	5000K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver

Refit 2 ft LED Tubes (Operates with Remote Driver)														
T8	8	92997	LED9T8/2/865	G13	20	24	900	6500K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver
	8	65706	LED9T8/2/835	G13	20	24	900	3500K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	8	65707	LED9T8/2/840	G13	20	24	900	4000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver
	8	65711	LED9T8/2/850	G13	20	24	900	5000K	80+	50K	Yes	Yes	Damp	Requires Driver/Dimming Driver

Refit LED U-Tubes (Operates with Remote Driver)														
T8	12	28084	LED14T8/U/835	G13	15	U-1.5/8	1700	3500K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver
	12	28164	LED14T8/U/840	G13	15	U-1.5/8	1700	4000K	80+	50K	-	Yes	Damp	Requires Driver/Dimming Driver






* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original lumen rating (L70).
 ** Minimum order quantity = 6
 † Incandescent or halogen wattage equivalencies based on Energy Star guidelines using lumens or CBCP according to lamp type
 †† Energy Star status: Certified as meeting Energy Star guidelines.
 ‡ UL 1993 Environmental Requirements for LED Lamps.





Location, damp - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to electrical equipment, and includes partially protected locations.
 Location, dry - Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.
 Location, wet - Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

Note: Product descriptions ending in "TTP" indicate a carded blister or clamshell package nested in a tray for shelf display. Cards also designed for hook display.
 # Check ballast compatibility at GELighting.com/LED4pin-compatibility.

LED Lamps, Tubes and Modules

	Watts	Order Code	Description	Input Volts (V)	Qty	Output Current (A)	Frequency	Eff	Output	Output Voltage (V)	Temp (Min)	Temp (Max)	Dimmable	Additional Information
Remote Drivers														
Lightech™ Drivers - Non-dimming														
	18	93100	LED9T8/DR/UN/2L	120-277	10	0.27x2	50/60 Hz	>.9	DC	27-33	-4°F	104°F		Maximum 2 Tube (non potted)
	36	82347	LED18T8/DR/UN/2L	120-277	10		50/60 Hz	>.9	DC	27-33	-4°F	104°F		Maximum 2 Tube (non potted)
	21	94384	LED21T8/DR/1L	120-277	10	0.62	50/60 Hz	>.9	DC	27-33	-4°F	104°F		Maximum 1 Tube
	42	94385	LED21T8/DR/2L	120-277	10	0.62x2	50/60 Hz	>.9	DC	27-33	-4°F	104°F		Maximum 2 Tube
Lightech™ Drivers - Dimming														
	36	88141	LED18T8/DR/D2L	120-277	10	0.53x2	50/60 Hz	>.9	DC	27-33	-4°F	104°F	▲	Maximum 2 Tube
	72	88139	LED18T8/DR/D4L	120-277	10	0.53x4	50/60 Hz	>.9	DC	27-33	-4°F	104°F	▲	Maximum 4 Tube
	42	60041	LED21T8/DR/D2L	120-277	10	0.62x2	50/60 Hz	>.9	DC	27-33	-4°F	104°F	▲	Maximum 2 Tube
	84	62030	LED21T8/DR/D4L	120-277	10	0.62x4	50/60 Hz	>.9	DC	27-33	-4°F	104°F	▲	Maximum 4 Tube
	42	28174	LED14/DR/D3L	120-277	10	0.43x3	50/60 Hz	>.9	DC	27-33	-4°F	104°F	▲	Maximum 3 Tube

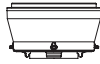
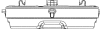
Series	Order Code	Description	Body Color	Nominal Lumens ¹	CCT (Kelvin)	CRI	Nominal Watts	Color Variation (MacAdam)	Rated Drive Current (mA)	Rated Life (hours) ²
Infusion™ LED Modules										
	19192	M1000/827/W/G4	White	1000	2700	> 80	10.5	< 4-step	700	50,000
	19193	M1000/830/W/G4	White	1100	3000	> 80	10.5	< 4-step	700	50,000
	19195	M1000/835/W/G4	White	1100	3500	> 80	10.5	< 4-step	700	50,000
	19196	M1000/930/W/G4	White	800	3000	90	10.5	< 2-step	700	50,000
	19197	M1000/840/W/G4	White	1100	4000	> 80	10.5	< 4-step	700	50,000
	19198	M1500/827/W/G4	White	1400	2700	> 80	14.5	< 4-step	700	50,000
	19200	M1500/830/W/G4	White	1500	3000	> 80	14.5	< 4-step	700	50,000
	19201	M1500/835/W/G4	White	1500	3500	> 80	14.5	< 4-step	700	50,000
	19202	M1500/930/W/G4	White	1200	3000	90	14.5	< 2-step	700	50,000
	19207	M1500/840/W/G4	White	1500	4000	> 80	14.5	< 4-step	700	50,000
	19209	M2000/827/W/G4	White	2000	2700	> 80	21	< 4-step	1400	50,000
	19210	M2000/830/W/G4	White	2100	3000	> 80	21	< 4-step	1400	50,000
	19211	M2000/835/W/G4	White	2200	3500	> 80	21	< 4-step	1400	50,000
	19214	M2000/930/W/G4	White	1700	3000	90	21	< 2-step	1400	50,000
	19215	M2000/840/W/G4	White	2200	4000	> 80	21	< 4-step	1400	50,000
	19216	M3000/827/W/G4	White	2800	2700	> 80	29.5	< 4-step	1400	50,000
	19218	M3000/830/W/G4	White	3000	3000	> 80	29.5	< 4-step	1400	50,000
	19220	M3000/835/W/G4	White	3000	3500	> 80	29.5	< 4-step	1400	50,000
	19224	M3000/930/W/G4	White	2300	3000	90	29.5	< 2-step	1400	50,000
	19225	M3000/840/W/G4	White	3100	4000	> 80	29.5	< 4-step	1400	50,000
	19226	M4500/827/W/G4	White	4300	2700	> 80	46	< 4-step	1400	50,000
	19230	M4500/830/W/G4	White	4500	3000	> 80	46	< 4-step	1400	50,000
	19231	M4500/835/W/G4	White	4600	3500	> 80	46	< 4-step	1400	50,000
	19307	M4500/930/W/G4	White	3600	3000	90	46	< 2-step	1400	50,000
	19337	M4500/840/W/G4	White	4700	4000	> 80	46	< 4-step	1400	50,000

Series	Order Code	Description	Body Color	Nominal Lumens ¹	CCT (Kelvin)	CRI	Nominal Watts	Beam Angle (°)	Rated Drive Current (mA)	Rated Life (hours) ²
Infusion™ LED Downlight Modules (DLM)										
	99607	DLM1000/927	White	1000	2700	92	13	90	700	50,000
	99608	DLM1000/930	White	1000	3000	92	13	90	700	50,000
	99609	DLM1000/935	White	1000	3500	92	13	90	700	50,000
	99610	DLM1000/940	White	1000	4000	92	13	90	700	50,000
	99611	DLM1500/927	White	1475	2700	92	19	90	700	50,000
	99612	DLM1500/930	White	1475	3000	92	19	90	700	50,000
	99613	DLM1500/935	White	1475	3500	92	19	90	700	50,000
	99614	DLM1500/940	White	1475	4000	92	19	90	700	50,000
	99615	DLM2000/927	White	2000	2700	92	25	90	700	50,000
	99616	DLM2000/930	White	2000	3000	92	25	90	700	50,000
	99617	DLM2000/935	White	2000	3500	92	25	90	700	50,000
	99618	DLM2000/940	White	2000	4000	92	25	90	700	50,000
	99619	DLM3000/927	White	3000	2700	92	37	90	1400	50,000
	99620	DLM3000/930	White	3000	3000	92	37	90	1400	50,000
	99621	DLM3000/935	White	3000	3500	92	37	90	1400	50,000
	99622	DLM3000/940	White	3000	4000	92	37	90	1400	50,000

¹Lumens are 'hot lumens' measured at steady state at a T_p temperature of 65°C

²Rated life refers to 70% lumen maintenance (L70).


Note: For use in dry location only or in luminaire which is designed and tested to an environmental location appropriate for intended operating conditions.

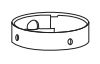
Series	Order Code	Description	Body Color	Nominal Lumens ¹	CCT (Kelvin)	CRI	Nominal Watts	Beam Angle (°)	Rated Drive Current (mA)	Rated Life (hours) ²
Infusion™ LED Downlight Modules (DLM) (continued)										
 DLM4000 Series	99623	DLM4000/927	White	3925	2700	92	49	90	1,400	50,000
	99624	DLM4000/930	White	3925	3000	92	49	90	1,400	50,000
	99625	DLM4000/935	White	3925	3500	92	49	90	1,400	50,000
	99626	DLM4000/940	White	3925	4000	92	49	90	1,400	50,000
Order Code	Description	Body Color	Nominal Lumens ¹	CCT (Kelvin)	CRI	Nominal Watts	Color Variation (MacAdam)	Rated Drive Current (mA)	Rated Life (hours) ²	
Infusion™ LED Narrow Punch Modules (NPM)										
	98471	MP30/827/W/N	White	1300	2700	> 80	25	< 4-step	700	50,000
	98472	MP30/830/W/N	White	1400	3000	> 80	25	< 4-step	700	50,000
	98473	MP30/930/W/N	White	1100	3000	> 87	25	< 2-step	700	50,000
	98474	MP30/840/W/N	White	1500	4000	> 80	25	< 4-step	700	50,000

¹Lumens are 'hot lumens' measured at steady state at a T_p temperature of 65°C

²Rated life refers to 70% lumen maintenance (L70).

Note: For use in dry location only or in luminaire which is designed and tested to an environmental location appropriate for intended operating conditions.

	Order Code	Description	Body Color	Corresponding Module Series	Beam Category	Nominal Beam Angle (°)
Infusion™ Optics						
	97204	OP1000/SP/W	White	1000	Spot	14
	97205	OP1500/SP/W	White	1500	Spot	14
	97208	OP1000/1500/FL/W OP3000/WFL/W	White	1000 and 1500 3000 and 4500	Flood	25 / 25
					Wide Flood	35 / 35
	65294	OP1000/1500/FL/B, OP3000/WFL/B	Black	1000 and 1500 3000 and 4500	Flood	25 / 25
					Wide Flood	35 / 35
	98480	OP10001500FL100W	White	1000 and 1500	Flood	25 / 25
	98486	OP10001500FL100B	Black	1000 and 1500	Flood	25 / 25
	99995	OP10001500WFL50W	White	1000 and 1500	Wide Flood	25 / 25
	99996	OP10001500WFL50B	Black	1000 and 1500	Wide Flood	25 / 25
	97206	OP1000/1500/WFL	White	1000 and 1500	Wide Flood	35 / 35
	65295	OP1000/1500/WFLB	Black	1000 and 1500	Wide Flood	35 / 35
	98483	OP10/15/WFL/100W	White	1000 and 1500	Wide Flood	35 / 35
	98489	OP10/15/WFL/100B	Black	1000 and 1500	Wide Flood	35 / 35
	97207	OP1000/1500/WVFL	White	1000 and 1500	Very Wide Flood	55 / 55
	65296	OP1000/1500WVFLB	Black	1000 and 1500	Very Wide Flood	55 / 55
	98485	OP10-45/WVFL100W	White	1000, 1500, 2000, 3000, 4500	Very Wide Flood	55 / 55 / 55 / 55 / 55
	98491	OP10-45/WVFL100B	Black	1000, 1500, 2000, 3000, 4500	Very Wide Flood	55 / 55 / 55 / 55 / 55
	64996	OP2000/3000/FL	White	2000, 3000, 4500	Flood	25 / 25 / 25
	65297	OP2000/3000/FL/B	Black	2000, 3000, 4500	Flood	25 / 25 / 25
	98481	OP2000/FL/100/W	White	2000	Flood	25
	98487	OP2000/FL/100/B	Black	2000	Flood	25
	64995	OP2000/WFL	White	2000	Wide Flood	35
	65298	OP2000/WFL/B	Black	2000	Wide Flood	35
98484	OP20-45/WFL/100W	White	2000, 3000, 4500	Wide Flood	35 / 35 / 35	
98490	OP20-45/WFL/100B	Black	2000, 3000, 4500	Wide Flood	35 / 35 / 35	
64994	OP2000/3000/WVFL	White	2000, 3000, 4500	Very Wide Flood	55 / 55	
65301	OP2000/3000WVFLB	Black	2000, 3000, 4500	Very Wide Flood	55 / 55	
98482	OP30004500FL100W	White	3000 and 4500	Flood	25 / 25	
98488	OP30004500FL100B	Black	3000 and 4500	Flood	25 / 25	
94637	OP30/SP/50MM/W	White	NPM	Narrow Spot	13	
94638	OP30/SP/50MM/B	Black	NPM	Narrow Spot	13	
94635	OP30/SP/75MM/G2W	White	NPM	Narrow Spot	11	
94636	OP30/SP/75MM/G2B	Black	NPM	Narrow Spot	11	
94633	OP30/SP100MM/G2W	White	NPM	Narrow Spot	8	
94634	OP30/SP100MM/G2B	Black	NPM	Narrow Spot	8	
98477	OP30/SP/75MM/W	White	NPM	Narrow Spot	12	
98478	OP30/SP/100MM/W	White	NPM	Narrow Spot	10	
98475	OP30/SP/75MM/B	Black	NPM	Narrow Spot	12	
98476	OP30/SP/100MM/B	Black	NPM	Narrow Spot	10	

	Order Code	Description	Body Color	Lead Insulation	Lead Length (mm)
Infusion™ Collar					
	61450	MACCO7HOLDERW	White	None	n/a
	78835	MACCO7HOLDERB	Black	None	n/a
	66233	MHOLDERW/PVC600	White	PVC	600
	66232	MHOLDERB/PVC600	Black	PVC	600

