





Table of Contents

PAR Series	4-5
Indoor Reflectors	6-7
Mini Reflectors	8-9
A-Shape & Globe	10-11
Decorative Candelabras & Filament.	12-13
Flat Panels	14-15
Linear T5 Ballast Compatible.	16-17
Linear T8	18-19
U-tube	20-21
Retrofit Units	22-23
Surface Mount/Recessed Lights	24-25
Wall Pack/Area Light Retrofit Lamps	26-27
Post Top/High Bay Lights	28-29
Plug-ins	30-31
About Topaz	32-33
Warranty	34-35



PAR Series

Offering an exceptional long life—up to 15 times greater than traditional halogens—and confidently backed by our industry leading 5-year warranty, the Topaz dimmable LED PAR Series lamps set the stage for true savings. Our 90 CRI models utilize advanced LED technology to illuminate with excellent color rendering that accurately duplicates natural light. The PAR20, PAR30, PAR30 Long Neck and PAR38 are UL rated for wet locations; all models are suitable for indoor and outdoor use.



PAR16



PAR20



PAR30

FEATURES

- Smooth side and lighter construction compared to fin type LEDs
- For use in a variety of indoor and outdoor applications*
- Advanced optics and thermal management
- 90 CRI models for exceptional color rendering
- Select models available with Energy Star qualification and UL wet location listing
- Long life – up to 15X longer than traditional PAR incandescents/halogens
- Dimmable down to 10% of total light output**
- Available in 2700K, 3000K, 4000K and 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	79846	6	120	E26	38°	80	3000	380	952	25,000	2.8"	35	Y	Y
	LP16/6/850/FL/D	79988	6	120	E26	38°	80	5000	360	1,100	40,000	2.8"	35	-	Y
PAR20	LP20/7/927/NFL/D	79865	7	120	E26	25°	90	2700	460	928	40,000	3.5"	50	Y	Y
	LP20/7/930/NFL/D	79866	7	120	E26	25°	90	3000	470	1,002	40,000	3.5"	50	Y	Y
	LP20/7/940/NFL/D	79867	7	120	E26	25°	90	4000	500	1,061	40,000	3.5"	50	Y	Y
	LP20/7/950/NFL/D	79868	7	120	E26	25°	90	5000	525	1,062	40,000	3.5"	50	Y	Y
PAR30	LP30/10/927/FL/D	79869	10	120	E26	40°	90	2700	750	1,594	40,000	3.5"	75	Y	Y
	LP30/10/930/FL/D	79870	10	120	E26	40°	90	3000	800	1,540	40,000	3.5"	75	Y	Y
	LP30/10/940/FL/D	79871	10	120	E26	40°	90	4000	820	1,657	40,000	3.5"	75	Y	Y
	LP30/10/950/FL/D	79872	10	120	E26	40°	90	5000	850	1,693	40,000	3.5"	75	Y	Y
PAR30 LONG NECK	LP30L/10/927/FL/D	79873	10	120	E26	40°	90	2700	750	1,505	40,000	3.75"	75	Y	Y
	LP30L/10/930/FL/D	79874	10	120	E26	40°	90	3000	800	1,564	40,000	3.75"	75	Y	Y
	LP30L/10/940/FL/D	79875	10	120	E26	40°	90	4000	820	1,711	40,000	3.75"	75	Y	Y
	LP30L/10/950/FL/D	79876	10	120	E26	40°	90	5000	850	1,753	40,000	3.75"	75	Y	Y
PAR38 80 CRI	LP38/17/827/FL/D	79671	16.5	120	E26	40°	80	2700	1,300	2,600	25,000	5.2"	100	Y	Y
	LP38/17/830/FL/D	79672	16.5	120	E26	40°	80	3000	1,350	2,700	25,000	5.2"	100	Y	Y
	LP38/17/840/FL/D	79673	16.5	120	E26	40°	80	4000	1,400	2,800	25,000	5.2"	100	Y	Y
	LP38/17/850/FL/D	79674	16.5	120	E26	40°	80	5000	1,450	2,900	25,000	5.2"	100	Y	Y
PAR38	LP38/17/927/FL/D	79877	17	120	E26	40°	90	2700	1,150	2,523	40,000	5.2"	100	Y	Y
	LP38/17/930/FL/D	79878	17	120	E26	40°	90	3000	1,200	2,449	40,000	5.2"	100	Y	Y
	LP38/17/940/FL/D	79879	17	120	E26	40°	90	4000	1,220	2,615	40,000	5.2"	100	Y	Y
	LP38/17/950/FL/D	79880	17	120	E26	40°	90	5000	1,200	2,684	40,000	5.2"	100	Y	Y

*Not for use in totally enclosed fixtures

**Compatible with most leading edge or incandescent style dimmers



Indoor Reflectors

Featuring advanced thermal management, optics and chip on board LED technology, the Topaz indoor reflector series provides an efficient high quality LED solution that rivals traditional incandescent lighting. Available in multiple sizes and lumen packages, they are offered in 2700K, 3000K, 4000K and 5000K color temperatures. With energy savings up to 80%, these lamps are dimmable for ambiance control and additional energy savings. Rated for indoor use, applications are ideal for track, down- and spotlights in residential, retail, hospitality and commercial environments.



R20

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 Spread	CRI	CCT (Kelvin)	Initial Lumens	CBCP (cd)	Avg. Rated Life	MOL In.	Equiv. Wattage	Energy Star	Dimmable
R20	LR20/7/827/D**	78546	7	120	E26	106°	80	2700	525	180	25,000	3.9"	50	Y	Y
	LR20/7/830/D**	78548	7	120	E26	106°	80	3000	540	185	25,000	3.9"	50	Y	Y
	LR20/7/840/D**	78550	7	120	E26	106°	80	4000	560	190	25,000	3.9"	50	Y	Y
	LR20/7/850/D**	78536	7	120	E26	106°	80	5000	580	200	25,000	3.9"	50	Y	Y
BR30	LBR30/10/827/D	79539	10	120	E26	108°	80	2700	750	260	25,000	5.2"	65	Y	Y
	LBR30/10/830/D	79540	10	120	E26	108°	80	3000	770	260	25,000	5.2"	65	Y	Y
	LBR30/10/840/D	79541	10	120	E26	108°	80	4000	800	280	25,000	5.2"	65	Y	Y
	LBR30/10/850/D	79542	10	120	E26	108°	80	5000	830	290	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
GU24	LBR30WW/11/GU24/D	78464	11	120	GU24	108°	80	3000	750	260	35,000	4.5"	65	-	Y
BR40	LBR40/11/827/D	75712	11	120	E26	103°	80	2700	940	340	25,000	6.5"	70	Y	Y
	LBR40/12/830/D	78586	12	120	E26	103°	80	3000	930	300	25,000	6.5"	70	Y	Y
	LBR40/12/840/D	78587	12	120	E26	103°	80	4000	970	340	25,000	6.5"	75	Y	Y
	LBR40/12/850/D	78588	12	120	E26	103°	80	5000	1,000	360	25,000	6.5"	75	Y	Y
	LBR40/16/827/D	73407	16	120	E26	103°	80	2700	1,200	445	25,000	6.5"	85	Y	Y
	LBR40/17/830/D	78535	17	120	E26	103°	80	3000	1,230	460	25,000	6.5"	85	Y	Y
	LBR40/17/840/D	78557	17	120	E26	103°	80	4000	1,280	480	25,000	6.5"	90	Y	Y
	LBR40/17/850/D	78537	17	120	E26	103°	80	5000	1,320	500	25,000	6.5"	90	Y	Y

*Compatible with most leading edge or incandescent style dimmers

**Approved for use in enclosed fixtures



Mini Reflectors

With its longer usable light hours and low power consumption, Topaz LED mini reflectors are the most efficient alternative to traditional halogen lighting with up to 10X longer life expectancy. Featuring advanced thermal management and optics providing cool operation and uniform light distribution, these lamps are available in a variety of beam distributions and color temperatures to suit your retail, residential, and commercial applications for spot, accent and track lighting.



GBF
REPLACEMENT



R12 1383

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

NEW



MR16 6W
DIMMABLE*



MR16 7W 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/G2	77862	4	12 VAC/DC	GU4	35°	80	3000	230	25,000	1.5"	25	-
	LM11/4/850/FL	77737	4	12 VAC/DC	GU4	35°	80	3000	220	25,000	1.5"	25	-
MR16	LM16/6/830/FL/D*	79733	6	12 VAC/DC	GU5.3	38°	80	3000	410	25,000	1.7"	35	Y
	LM16/6/850/FL/D*	79734	6	12 VAC/DC	GU5.3	38°	80	5000	420	25,000	1.7"	35	Y
	LM16/7/830/FL/D*	76164	7	12 VAC/DC	GU5.3	38°	83	3000	500	25,000	1.9"	50	Y
	LM16/7/840/FL/D*	76166	7	12 VAC/DC	GU5.3	38°	83	4000	500	25,000	1.9"	50	Y
	LM16/7/850/FL/D*	76168	7	12 VAC/DC	GU5.3	38°	83	5000	500	25,000	1.9"	50	Y
GU10	LGU10/6/830/D**	78397	6	120 VAC	GU10	40°	82	3000	450	25,000	2"	50	Y
	LGU10/6/860/D**	78398	6	120 VAC	GU10	40°	82	6000	500	25,000	2"	50	Y

*Compatible with most electronic low voltage dimmers and transformers. Performance may vary dependent on circuit loading and/or dimmer.

**Compatible with most leading edge or incandescent style dimmers

A-Shape & Globe

The lamps of choice for ceiling fans, bathroom vanities, downlighting and task lighting, Topaz's A-Shape and Globe lamps deliver significant energy savings and are the proven replacement for traditional incandescent lamps with their aesthetically pleasing warm to neutral color range. Our long life A-Shape Series is complimented by the new, Energy Star qualified LED Omni-Directional style, available in 6W to 16W. Our LED Globe shape lamps offers both excellent light distribution and substantial energy savings in a decorative package. Select dimmable models promote additional energy savings and complete ambiance control. Ideal for residential, retail and hospitality interior décor applications.



GLOBE



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



ECO STYLE



OMNI-DIRECTIONAL
STYLE - GU24



LA19



OMNI-DIRECTIONAL
STYLE



LA21



NEW



	Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv. Wattage	Energy Star	Dimmable
OMNI-DIRECTIONAL	LA19/6/827/D	75810	6	120	E26	80	2700	450	25,000	4.3"	40	Y	Y
	LA19/5/830/D	75736	5	120	E26	80	3000	470	25,000	4.3"	40	Y	Y
	LA19/6/840/D	75814	6	120	E26	80	4000	490	25,000	4.3"	40	-	Y
	LA19/6/850/D	75816	6	120	E26	80	5000	510	25,000	4.3"	40	-	Y
	LA19/9/827/GU24D	79782	9	120	GU24	80	2700	800	25,000	4.33"	60	Y	Y
	LA19/9/830/GU24D	79783	9	120	GU24	80	3000	830	25,000	4.33"	60	-	Y
	LA19/10/840/GU24D	79763	10	120	GU24	80	4000	860	25,000	4.33"	60	-	Y
	LA19/10/827/D	75818	10	120	E26	80	2700	800	25,000	4.3"	60	Y	Y
	LA19/9/830/D	79266	9	120	E26	80	3000	830	25,000	4.3"	60	Y	Y
	LA19/10/840/D	75822	10	120	E26	80	4000	860	25,000	4.3"	60	-	Y
	LA19/10/850/D	75824	10	120	E26	80	5000	900	25,000	4.3"	60	-	Y
	LA19/12/827/D	79735	12	120	E26	80	2700	1,100	25,000	4.7"	75	Y	Y
	LA19/12/830/D	79737	12	120	E26	80	3000	1,140	25,000	4.7"	75	Y	Y
	LA19/12/840/D	79739	12	120	E26	80	4000	1,190	25,000	4.7"	75	Y	Y
	LA19/12/850/D	79741	12	120	E26	80	5000	1,230	25,000	4.7"	75	Y	Y
	LA21/16/827/D	78450	16	120	E26	80	2700	1,600	25,000	5.6"	100	Y	Y
	LA21/16/830/D	78452	16	120	E26	80	3000	1,650	25,000	5.6"	100	Y	Y
	LA21/16/840/D	78454	16	120	E26	80	4000	1,720	25,000	5.6"	100	Y	Y
	LA21/16/850/D	78458	16	120	E26	80	5000	1,800	25,000	5.6"	100	Y	Y
3-WAY	LA21/16/827/3W	78920	16	120	E26	80	2700	350/1,200/1,600	25,000	5.55"	30/70/100	Y	-
	LA21/16/830/3W	78921	16	120	E26	80	3000	360/1,240/1,650	25,000	5.55"	30/70/100	Y	-
ECO STYLE	LA19/9/827/ECO/D	78010	9	120	E26	80	2700	675	15,000	4.4"	60	-	Y
	LA19/9/830/ECO/D	78012	9	120	E26	80	3000	700	15,000	4.4"	60	-	Y
GLOBE	LG25/6/827/D	79781	6	120	E26	80	2700	450	25,000	4.3"	40	Y	Y

*Compatible with most leading edge or incandescent style dimmers

Decorative Candelabras & Filament

Available in blunt or flame tip configurations and offered in aesthetically pleasing warm 2700K and 3000K color temperatures, Topaz's decorative LED candelabra lamps are the energy savings alternative to traditional lighting. Select models are dimmable for complete ambiance control and offer additional energy and maintenance savings. This series is a long lasting direct replacement for incandescent lamps in ceiling fans, wall sconces and chandeliers.



LCTC

LCFC



LS19/4

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



	Item #	Code	Watts	Volts	Shape	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv. Wattage	Dimmable	Energy Star
CLEAR	LCTC/3/830/D	79981	3	120	Blunt Tip	E12	80	3000	165	25,000	3.8"	25	Y	-
	LETCT/3/830/D	79989	3	120	Blunt Tip	E26	80	3000	165	25,000	3.8"	25	Y	-
	LCTC/5/830/D	79861	5	120	Blunt Tip	E12**	83	3000	315	25,000	4.2"	40	Y	Y
	LCFC/5/830/D	79863	5	120	Flame Tip	E12**	82	3000	315	25,000	4.8"	40	Y	Y
FROSTED	LCFF/5/830/F/D	79841	5	120	Flame Tip	E12**	80	3000	350	25,000	4.75"	40	Y	-
	LCTF/5/830/F/D/G2	79889	5	120	Blunt Tip	E12**	80	3000	350	25,000	4.15"	40	Y	-
FILAMENT STYLE	LS19/4/822/D	73286	4	120	S19	E26	80	2200	320	15,000	5.4"	40	-	-
	LCTC/4/827/D	73302	4.7	120	Blunt Tip	E12	80	2700	320	15,000	3.9"	40	Y	-
	LCFC/4/827/D	73298	4.7	120	Flame Tip	E12	80	2700	320	15,000	4.76"	40	Y	-

*Compatible with most leading edge or incandescent style dimmers

**E26 adapter Included



1' X 4'

NEW

Flat Panels

With edge-to-edge, evenly diffused, glare free light, Topaz's LED Flat Panels provide a contemporary solution to replace inefficient fluorescent fixtures. Available in 3500K (warm white), 4000K (cool white) and 5000K (daylight) correlated color temperatures, our LED Flat Panels cast the right light in any commercial setting. Designed for drop in ceilings or surface mount installations, the slim profile 40 and 50 watt fixtures are available in 1' x 4', 2' x 2' or 2' x 4' sizes and can save up to 45% of energy usage compared to traditional fluorescent fixtures. Standard 0-10V dimming capability allows greater energy savings; optional emergency backup available for 90 minutes of uninterrupted service during a power loss.

FEATURES

- Edge Lit design with a high transmission diffuser providing even glare free light distribution
- Low profile for drop in ceiling mount or suspension mount
- White frame
- Standard 0-10V dimming for additional energy savings
- Luminous efficacy >85 LPW
- DLC approved on select models
- Available battery backup provides 90 minutes of temporary lighting
- Commercial applications: Indoor office, hospitality, educational facilities, conference rooms and libraries



Panel Frames

- Surface mount for ceiling or wall
- Used for hard ceilings: Wall board, cement, plaster
- Constructed of white aluminum



Item #	Code	Size (ft.)	Volts	Watts	Lumens	CCT (Kelvin)	CRI	L70 Life	Beam Spread	Dimmable	DLC Approved
1' x 4'											
F-L1X4/40W/830/D	NEW! 72792	1X4	100-277	40	3,400	3000	80	50,000	150°	Y	Y
F-L1X4/40W/835/D	NEW! 72794	1X4	100-277	40	3,400	3500	80	50,000	150°	Y	Y
F-L1X4/40W/840/D	NEW! 72796	1X4	100-277	40	3,500	4000	80	50,000	150°	Y	Y
F-L1X4/40W/850/D	NEW! 72798	1X4	100-277	40	3,600	5000	80	50,000	150°	Y	Y
2' x 2'											
F-L2X2/40W/835/D	NEW! 78625	2X2	120-277	40	3,400	3500	80	50,000	150°	0-10V	Y
F-L2X2/40W/840/D	NEW! 78626	2X2	120-277	40	3,500	4000	80	50,000	150°	0-10V	Y
F-L2X2/40W/850/D	NEW! 78627	2X2	120-277	40	3,600	5000	80	50,000	150°	0-10V	Y
2' X 2' WITH EMERGENCY BACKUP											
F-L2X2/40W/835/EM	NEW! 72770	2X2	120-277	40	3,400	3500	80	50,000	150°	0-10V	-
F-L2X2/40W/840/EM	NEW! 72771	2X2	120-277	40	3,500	4000	80	50,000	150°	0-10V	-
F-L2X2/40W/850/EM	NEW! 72772	2X2	120-277	40	3,600	5000	80	50,000	150°	0-10V	-
2' x 4'											
F-L2X4/50W/835/D	NEW! 78640	2X4	120-277	50	4,250	3500	80	50,000	150°	0-10V	Y
F-L2X4/50W/840/D	NEW! 78645	2X4	120-277	50	4,350	4000	80	50,000	150°	0-10V	Y
F-L2X4/50W/850/D	NEW! 78646	2X4	120-277	50	4,500	5000	80	50,000	150°	0-10V	Y
2' X 4' WITH EMERGENCY BACKUP											
F-L2X4/50W/835/EM	NEW! 72773	2X4	120-277	50	4,250	3500	80	50,000	150°	0-10V	-
F-L2X4/50W/840/EM	NEW! 72774	2X4	120-277	50	4,350	4000	80	50,000	150°	0-10V	-
F-L2X4/50W/850/EM	NEW! 72775	2X4	120-277	50	4,500	5000	80	50,000	150°	0-10V	-

MOUNTING ACCESSORIES - SURFACE MOUNT APPLICATION

1' x 4' FRAME			
F-L1X4-FRAME	NEW!	78628	24" x 12" x 2.6"
2' x 2' FRAME			
F-L2X2-FRAME	NEW!	78630	24" x 24" x 2.6"
2' x 4' FRAME			
F-L2X4-FRAME	NEW!	78631	48.2" x 24" x 2.6"



T5 GLASS
CONSTRUCTION

Linear T5 Ballast Compatible

Topaz's LED Linear T5 series are the optimal plug and play solution for commercial applications, improving the quality of illumination while offering up to 40% energy savings over fluorescent sources. Ideally suited for school and office settings, Topaz T5 27 watt lamps with PET offer shatterproof coating to ensure occupant safety. With a life rating of 50,000 hours, the frosted finish T5 tube provides a glare free, end to end 240° beam angle and is compatible with program rapid start T5 ballasts.

FEATURES

- Plug and play replacement for 54 watt T5 fluorescent lamps
- Compatible with all program rapid start T5 ballasts
- Optional models with shatterproof PET coating ensures occupant safety
- Significant energy savings versus traditional fluorescents; life rating of 50,000 hours reduces maintenance costs
- Pleasing correlated color temperatures of 3500K (warm), 4000K (cool) and 5000K (daylight)
- Seamless, end to end 240° beam angle
- Frosted finish



	Item #	Code	Watts	System Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Construction	Avg. Rated Life	MOL In.	DLC Approved	NSF Rated
T5 FROSTED GLASS CONSTRUCTION	L4T5E/835/27/F-39	73398	25	30	100-277	Mini Bi-Pin	>80	3500	3,000	Glass	50,000	48"	Y	-
	L4T5E/840/27/F-39	73401	25	30	100-277	Mini Bi-Pin	>80	4000	3,200	Glass	50,000	48"	Y	-
	L4T5E/850/27/F-39	73403	25	30	100-277	Mini Bi-Pin	>80	5000	3,200	Glass	50,000	48"	Y	-
T5 FROSTED GLASS CONSTRUCTION PET COATED	L4T5E/835/27/F-70	77853	27	30	100-277	Mini Bi-Pin	>80	3500	3,100	Glass/PET	50,000	48"	Y	Y
	L4T5E/840/27/F-70	77854	27	30	100-277	Mini Bi-Pin	>80	4000	3,200	Glass/PET	50,000	48"	Y	Y
	L4T5E/850/27/F-70	77855	27	30	100-277	Mini Bi-Pin	>80	5000	3,300	Glass/PET	50,000	48"	Y	Y



Linear T8

Switch on the savings with our LED Linear T8 series. Our NEW PET Coated tubes are NSF rated for shatter protection in food preparation areas. The Clear and Frosted Ballast Bypass models are ideal for T8 and T12 upgrades. The Frosted Ballast Compatible T8 tubes offers quick, effortless conversions, eliminating the need for rewiring. Our glass construction, LED tubes utilize an internal power supply and heatsink with a 240° beam angle for glare free, evenly diffused illumination and are rated for up to 50,000 hours. Select models are DLC approved. The 2', 3', 4' and 8' tubes cast neutral to cool white color temperatures providing improved light distribution with consistent coverage over traditional fluorescent sources.

FEATURES

- Lasts twice as long as standard fluorescent lamps
- 2', 3', 4' and 8' lengths
- Available in color temperatures: 3500K–6500K
- Select models available with DLC and NSF certification
- Safe, easy replacement for lamp & ballast systems
- -20°C to 45°C operating temperature range

Clear and Frosted Ballast Bypass T8

Designed and engineered for replacement or retrofit of commercial fluorescent lamp applications, Topaz LED T8 clear and frosted, ballast bypass tubes are available with an internal power supply for 120-277V retrofit applications. Retrofitting to the Topaz T8 series can realize energy savings of up to 44%.

Frosted Ballast Compatible T8

New to the lineup are our next generation frosted, ballast compatible T8 tubes. Offering the most advanced lighting solution with a highly diffused glass tube, internal power supply and heatsink for glare free and even light distribution, our ballast compatible LED tubes are available for quick conversion and operate with most normal, low or high factor ballasts.



	Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	LPW	Beam Spread	Avg. Rated Life	MOL In.	DLC Approved	NSF Rated
T8 FROSTED GLASS PET COATED BALLAST COMPATIBLE	L2T8E/835/9/F/G5	77885	9	120-277	G13	>80	3500	1,150	128	240	50,000	24"	-	Y
	L2T8E/840/9/F/G5	77887	9	120-277	G13	>80	4000	1,200	133	240	50,000	24"	Y	Y
	L2T8E/850/9/F/G5	77889	9	120-277	G13	>80	5000	1,250	139	240	50,000	24"	Y	Y
	L4T8E/830/15/F/G5	78018	15	120-277	G13	>80	3000	1,800	120	240	50,000	48"	Y	Y
	L4T8E/835/15/F/G5	78020	15	120-277	G13	>80	3500	1,850	123	240	50,000	48"	Y	Y
	L4T8E/840/15/F/G5	78022	15	120-277	G13	>80	4000	1,900	127	240	50,000	48"	Y	Y
	L4T8E/850/15/F/G5	78024	15	120-277	G13	>80	5000	1,950	130	240	50,000	48"	Y	Y
	L8T8E/835/33/F	78379	33	120-277	FA8	>80	3500	4,300	130	240	50,000	96"	-	-
	L8T8E/840/33/F	78384	33	120-277	FA8	>80	4000	4,400	133	240	50,000	96"	-	-
	L8T8E/850/33/F	78391	33	120-277	FA8	>80	5000	4,500	136	240	50,000	96"	-	-
T8 FROSTED GLASS ECO BALLAST COMPATIBLE	L4T8E/835/12/F	73386	12	120-277	G13	>80	3500	1,550	129	240	50,000	48"	Y	-
	L4T8E/840/12/F	73388	12	120-277	G13	>80	4000	1,680	140	240	50,000	48"	Y	-
	L4T8E/850/12/F	73390	12	120-277	G13	>80	5000	1,680	140	240	50,000	48"	Y	-
T8 FROSTED GLASS PET COATED BALLAST BYPASS	L2T8B/835/9/F/G5	78054	9	120-277	G13	>80	3500	900	100	240	50,000	24"	Y	Y
	L2T8B/840/9/F/G5	78055	9	120-277	G13	>80	4000	950	106	240	50,000	24"	Y	Y
	L2T8B/850/9/F/G5	78056	9	120-277	G13	>80	5000	1,000	111	240	50,000	24"	Y	Y
	L2T8B/865/9/U/F*	77935	9	120-277	G13	>80	6500	1,000	111	240	50,000	24"	-	-
	L3T8B/835/12/F/G5	78062	12	120-277	G13	>80	3500	1,200	100	240	50,000	36"	-	Y
	L3T8B/840/12/F/G5	78063	12	120-277	G13	>80	4000	1,200	100	240	50,000	36"	-	Y
	L3T8B/850/12/F/G5	78064	12	120-277	G13	>80	5000	1,200	100	240	50,000	36"	-	Y
	L3T8B/865/12/U/F*	77988	12	120-277	G13	>80	6500	1,200	100	240	50,000	36"	-	-
	L4T8B/835/18/U/F*	77943	18	120-277	G13	>80	3500	1,800	100	240	50,000	48"	Y	-
	L4T8B/840/18/F/G5	77996	18	120-277	G13	>80	4000	1,900	106	240	50,000	48"	Y	Y
	L4T8B/850/18/F/G5	77997	18	120-277	G13	>80	5000	1,980	110	240	50,000	48"	Y	Y
	L4T8B/865/18/F/G5	77998	18	120-277	G13	>80	6500	1,980	110	240	50,000	48"	Y	Y
T8 CLEAR BALLAST BYPASS	L2T8/35C/10/U/G4	79764	10	120-277	G13	>80	3500	1,031	103	130	50,000	24"	Y	-
	L2T8/40C/10/U/G4	79765	10	120-277	G13	>80	4000	1,059	106	130	50,000	24"	Y	-
	L2T8/50C/10/U/G4	79766	10	120-277	G13	>80	5000	1,114	111	130	50,000	24"	Y	-
	L2T8/60C/10/U/G4	79767	10	120-277	G13	>80	6200	1,174	117	130	50,000	24"	-	-
	L3T8/35C/15/U/G4	79759	15	120-277	G13	>80	3500	1,550	103	130	50,000	36"	-	-
	L3T8/40C/15/U/G4	79760	15	120-277	G13	>80	4000	1,660	111	130	50,000	36"	-	-
	L3T8/50C/15/U/G4	79761	15	120-277	G13	>80	5000	1,750	117	130	50,000	36"	-	-
	L3T8/60C/15/U/G4	79762	15	120-277	G13	>80	6200	1,750	117	130	50,000	36"	-	-
	L4T8/35C/22/U/G4	79727	22	120-277	G13	>80	3500	2,220	101	130	50,000	48"	Y	-
	L4T8/40C/22/U/G4	79742	22	120-277	G13	>80	4000	2,270	103	130	50,000	48"	Y	-
	L4T8/50C/22/U/G4	79743	22	120-277	G13	>80	5000	2,346	107	130	50,000	48"	Y	-
	L4T8/60C/22/U/G4	79730	22	120-277	G13	>80	6200	2,450	111	130	50,000	48"	-	-

*Frosted Glass construction, no PET coating

Ballast bypass models require direct connection to line voltage. Topaz linear bypass LED lamps must be installed only on non-shunted lamp holder. Ballast compatible LED tubes operate on most electronic ballasts. Please refer to www.topaz-usa.com for updated ballast compatibility. Not for use in emergency lighting systems.



U-tube

The Topaz direct replacement and bypass T8 LED U-tubes are a perfect solution for commercial applications. Featuring an advanced optical design, this lamp provides a glare free and seamless end to end 320° light emitting area. Our ballast direct LED U-tube is compatible with Instant Start ballasts and requires no rewiring during installation. With a life rating of 50,000 hours, retrofitting to the Topaz T8 LED U-tube series can offer up to 40% energy saving and 2X the life over fluorescent technology.

FEATURES

- Available in bypass or ballast direct for replacement of 32W U-tubes
- Ballast compatible with most instant start ballasts
- Seamless end to end lighting with 320° light emitting area
- Up to 40% energy savings over fluorescent lamps
- Suitable for enclosed luminaires and damp locations
- Polycarbonate tube construction
- -20°C to 45°C operating temperature range



	Item #	Code	Watts	Ballast Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Beam Angle	Avg. Rated Life	Dimensions	
U-TUBE BALLAST DIRECT	L4T8E/U6/840/17/F	NEW!	77860	17	120-277	G13	>80	4000	1,900	160°	50,000	22" X 6"
	L4T8E/U6/850/17/F	NEW!	77861	17	120-277	G13	>80	5000	2,000	160°	50,000	22" X 6"
BYPASS	L4T8B/U6/840/17/F	NEW!	77858	17	120-277	G13	>80	4000	1,900	160°	50,000	22" X 6"
	L4T8B/U6/850/17/F	NEW!	77859	17	120-277	G13	>80	5000	2,000	160°	50,000	22" X 6"

Retrofit Units

Topaz provides a high performance and easy to install retrofit solution for standard recessed housings. Models are available in 4" and 6" sizes for downlighting or directional applications. The units are dimmable down to 5% for optimal control and offer 90+ CRI for exceptional color rendering in both 3000K and 4000K.

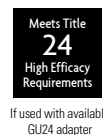
Die-cast constructed with advanced thermal management and optics, each unit is equipped with a power connector system for ease of installation. All units are energy star approved and UL rated for wet locations. Topaz LED Retrofit Units are designed for reduced cost of ownership through lower energy and maintenance costs and have a life rating up to 50K hours.



GIMBAL



SQUARE



FEATURES

- Direct retrofit for existing trim/bulb combinations
- 90+ CRI models for exceptional color rendering
- Easy installation: unit screws into socket
- Dimmable down to 5% of total light output*
- Available in different sizes and color temperatures for every application
- Energy Star qualified
- Contains NO mercury



	Item #	Code	Size	Voltage	Watts	CCT (Kelvin)	CRI	Initial Lumens	Avg. Rated Life	Energy Star	Dimmable
GIMBAL	RTL/437WH/90/D	79707	4"	120	8	3000	>90	620	50,000	Y	Y
	RTL/447WH/90/D	79709	4"	120	8	4000	>90	690	50,000	Y	Y
	RTL/637WH/90/D	79711	6"	120	12	3000	>90	1,025	50,000	Y	Y
	RTL/647WH/90/D	79713	6"	120	12	4000	>90	1,100	50,000	Y	Y
SQUARE	RTL/435SQ/WH/90/D	79715	4"	120	10	3000	>90	715	50,000	Y	Y
	RTL/445SQ/WH/90/D	79717	4"	120	10	4000	>90	760	50,000	Y	Y
	RTL/635SQ/WH/90/D	79263	6"	120	16	3000	>90	1,000	50,000	Y	Y
	RTL/645SQ/WH/90/D	79265	6"	120	16	4000	>90	1,100	50,000	Y	Y
BAFFLE	RTL/423WH/90/D	79706	4"	120	11	2700	>90	650	50,000	Y	Y
	RTL/433WH/90/D	79719	4"	120	11	3000	>90	750	50,000	Y	Y
	RTL/443WH/90/D	79721	4"	120	11	4000	>90	765	50,000	Y	Y
	RTL/623WH/90/D	79710	6"	120	15	2700	>90	1,015	50,000	Y	Y
	RTL/633WH/90/D	79723	6"	120	16	3000	>90	1,155	50,000	Y	Y
	RTL/643WH/90/D	79725	6"	120	15	4000	>90	1,250	50,000	Y	Y
SMOOTH ECO	RTL/423WH/ECO/D	78678	4"	120	10	2700	>80	590	35,000	Y	Y
	RTL/433WH/ECO/D	78672	4"	120	10	3000	>90	580	35,000	Y	Y
	RTL/443WH/ECO/D	79770	4"	120	10	4000	>90	550	35,000	-	Y
	RTL/453WH/ECO/D	79771	4"	120	10	5000	>90	570	35,000	-	Y
	RTL/623WH/ECO/D	78680	6"	120	12	2700	>80	750	35,000	Y	Y
	RTL/633WH/ECO/D	78673	6"	120	12	3000	>90	670	35,000	Y	Y
	RTL/643WH/ECO/D	79772	6"	120	12	4000	>90	700	35,000	-	Y
	RTL/653WH/ECO/D	79773	6"	120	12	5000	>90	730	35,000	-	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							

OPTIONAL GU24 SOCKET ADAPTER:

Item # RTLED/RETRO/GU24

Code: 79560

*Compatible with most leading edge or incandescent style dimmers

Surface Mount/ Recessed Lights

An easy to install downlight solution for new construction as well as retrofit applications, Topaz surface mount LEDs are offered in standard 4" or 6" sizes and are designed to be fitted in standard 4" J-boxes. Perfect for residential or commercial applications including bathrooms, closets, storage areas, hallways and living areas, they offer exceptional color rendering of 90 CRI and are available in 3000K and 4000K color temperatures. Dimmable down to 10% with standard incandescent or LED style leading edge dimmers, their optical design provides a wide beam greater than 105° with low glare. The SDL4 (13.5W) is rated for 36K hours and the SDL6 (15W) is rated for 47K hours of operation, greatly reducing cost of ownership through reduced maintenance and lower utility costs. California Title 24 and Energy Star listed, these fixtures are wet location rated for shower or outdoor protected enclosures.



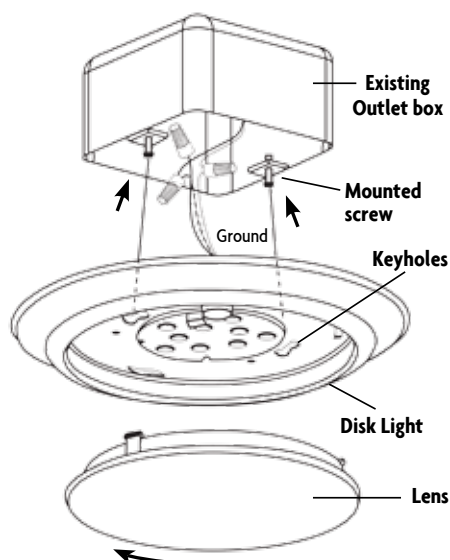
4" & 6" DIMMABLE
WHITE



FEATURES

- Surface mount to most 4" J-boxes
- Driver-On-Board technology eliminates an external power supply
- Power Factor >.99
- Dimmable* down to 5%
- 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
- Up to 75% energy saving over traditional incandescent sources
- Mercury free, RoHS and No UV

RECESSED MOUNTING APPLICATION



6" DIMMABLE
BRUSHED NICKEL



	Item	Code	Color	Voltage, VAC 50/60HZ	Amps	Watts	Lumens** Light Engine	Lumens** Luminaire	CCT	CRI	Beam Angle*	CBCP (cd)	Life, Hours (L70)	Energy Star	Dimmable
CEILING & CLOSET LED LIGHTS	SDL4/12/930/D	76402	White	120VAC	0.11	12	862	735	3000	90	110	223	36,000	Y	Y
	SDL4/12/940/D	76403	White	120VAC	0.11	13.5	862	735	4000	90	110	223	36,000	-	Y
	SDL6/15/930/D	76404	White	120VAC	0.125	15	992	862	3000	90	105	342	47,000	Y	Y
	SDL6/15/940/D	76405	White	120VAC	0.125	15	992	862	4000	90	105	342	47,000	Y	Y
	SDL6/15/930/BN/D	76410	Brushed Nickel	120VAC	0.125	15	992	862	3000	90	105	342	47,000	Y	Y
	SDL6/15/940/BN/D	76412	Brushed Nickel	120VAC	0.125	15	992	862	4000	90	105	342	47,000	Y	Y
RECESSED CAN MOUNTING KITS	SDL4-MOUNT KIT		78795												
	SDL6-MOUNT KIT		78796												

*Compatible with most leading edge dimmers. Performance may vary dependent on circuit loading and/or dimmer manufacturer. Updated dimmer compatibility can be found at www.topaz-usa.com. Up to 30 Disk light units can be connected to a single 600W dimmer.

**LED Light Engine Lumens measured per IES LM82, LED Luminaire measured per IES LM79



Wall Pack/Area Light Retrofit Lamps

Topaz LED retrofit lamps are a perfect solution for wall packs and small area lights. Offering up to 80% in energy savings over HID lighting sources, and with 180° illumination, the Topaz HID to LED retrofit lamps offer superior optical performance. These lamps are designed to maximize the thermal cooling area of the LED source and power supply ensuring maximum life and reduced maintenance costs.

Choosing the Topaz line of 180° HID to LED retrofit lamps are the clear choice for facility managers and contractors ensuring safe passage. Available in 20W, 30W and 40W ballast bypass for replacement of up to 250W HID sources.

FEATURES

- Life rating of up to 40K hours (L70) ensures reduced ownership costs
- Universal voltage of 100-300VAC
- Versatile operating position
- Advanced thermal management allows for use in enclosed fixtures
- Ambient operation -20°C to 45°C
- Energy conscious, eco-friendly and economically advantageous—up to 80% energy savings over traditional HID sources



LPT40



IP65

CE



	Item #	Code	Watts	Volts	Base	CRI	CCT (KELVIN)	Initial Lumens	LPW	Avg. Rated Life	MOD	MOL	Beam Angle	DLC Compliant	Equiv. Wattage**
WALL PACK/ AREA LIGHT RETROFIT LAMPS	LPT20/HOR/850/E39	79654	20	120-277VAC	E39	>80	5000	2700	135	> 36,000	3.55"	7.75"	180°	Pending	100W
	LPT30/HOR/850/E39	79656	30	120-277VAC	E39	>80	5000	4050	135	> 36,000	3.55"	8.75"	180°	Pending	175W
	LPT40/HOR/850/E39	79658	40	120-277VAC	E39	>80	5000	5400	135	> 36,000	3.55"	10.55"	180°	Pending	250W

*Operation of the lamp at ambient temperature in excess of 105°F may impact the lumen maintenance and or life of the product.

Equivalent wattage shown depends on application and fixture.

This device is not intended for use with emergency lighting.

Optional external surge protector (WD-SP) 10KAmp, 1.5K Volt

Installation Note: Requires bypass of existing ballast. See installation instructions.



Post Top/High Bay Lights

An easy to install and energy efficient solution for acorn, globe or bollard HID replacements, Topaz post top lights are an advanced alternative to traditional lighting. Featuring the latest technology in thermal management, optics and LEDs, they are designed to the highest standard and offer maximum efficiency while providing the uppermost quality of light. Suitable for both outdoor and indoor applications, they offer improved quality of light compared to high pressure sodium and metal halide light sources and greatly reduce the cost of ownership through minimal maintenance, lower utility costs and disposal issues.

FEATURES

- Life rating 40K hours (L70)
- Universal voltage 100-300VAC
- Base up or base down, and horizontal applications
- Suitable for use in enclosed fixtures
- Up to 75% energy saving over traditional HID sources
- Mercury free, RoHS and UV free
- For use in commercial, and outdoor settings such as acorns, post top, wall packs and high bay fixtures
- Optional safety cable recommended for high bay applications



IP65

	Item #	Code	Watts	Volts	Base	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life (L70)	MOD In.	MOL In.	Equiv.** Wattage
POST TOP LIGHTS	LPT10/850/E26-77	78918	10	100-300VAC	E26 MED	80	5000	1,200	50,000	2.36"	5.65"	50W MH
	LPT16/830/INT/E26	78723	16	100-300VAC	E26 MED	80	3000	1,680	40,000	2.8"	7.1"	70W MH
	LPT16/850/INT/E26	78724	16	100-300VAC	E26 MED	80	5000	1,680	40,000	2.8"	7.1"	70W MH
	LPT27/830/INT/E26	78683	27	100-300VAC	E26 MED*	80	3000	2,900	40,000	3.5"	7.3"	100W MH
	LPT27/850/INT/E26	78684	27	100-300VAC	E26 MED*	80	5000	2,900	40,000	3.5"	7.3"	100W MH
	LPT36/830/INT/E26	78701	36	100-300VAC	E26 MED*	80	3000	3,780	40,000	3.5"	8.3"	175W MH
	LPT36/850/INT/E26	78685	36	100-300VAC	E26 MED*	80	5000	3,780	40,000	3.5"	8.3"	175W MH
	LPT45/830/INT/E26	78690	45	100-300VAC	E26 MED*	80	3000	4,725	40,000	3.5"	9.4"	200W MH
	LPT45/850/INT/E26	78686	45	100-300VAC	E26 MED*	80	5000	4,725	40,000	3.5"	9.4"	200W MH
	LPT54/830/INT/E39	78726	54	100-300VAC	E39 MOG	80	3000	5,670	40,000	3.5"	10.8"	250W MH
	LPT54/850/INT/E26	78687	54	100-300VAC	E26 MED	80	5000	5,670	40,000	3.5"	10.8"	250W MH
	LPT54/850/INT/E39	78688	54	100-300VAC	E39 MOG	80	5000	5,670	40,000	3.5"	10.8"	250W MH
	LPT75/830/INT/E39	78728	75	100-300VAC	E39 MOG	80	3000	7,875	40,000	3.7"	11.6"	320W MH
	LPT75/850/INT/E39	78689	75	100-300VAC	E39 MOG	80	5000	7,875	40,000	3.7"	11.6"	320W MH
POST TOP HIGH BAY LIGHT	LPTHB/100/850/E39	79182	100	120-277	EX39 MOG	80	5000	12,000	40,000	5.7"	10.5"	400W MH
	LPTHB/120/850/E39	79189	120	120-277	EX39 MOG	80	5000	14,500	40,000	5.9"	11.3"	600W MH
SAFETY CABLE	LPTA-CABLE	78700										
SURGE PROTECTOR	WD-SP	79200										

*E39 adapter included

**Equivalent wattage shown depends on application and fixture

Note: When installing Topaz LED post top lamps in an HID fixture, ballast must be bypassed when present.



Plug-ins

LED plug-in style replacement lamps for CFL downlights are simple plug and play retrofits offering up to 50% energy savings and 5X longer life expectancy than inefficient pin based CFL lamps. Offering the latest in LED manufacturing, these lamps are designed with advanced thermal management, new generation LED chip technology and 50K hours of operation. Electronic ballast compatible, these plug-ins are available in horizontal and vertical form factors with no need to bypass an existing ballast. Applications include commercial and residential use for recessed fixtures, sconces and ceiling fixtures.

FEATURES

- Electronic ballast compatible – no need to bypass ballast*
- Horizontal and vertical configuration available
- Up to 50% energy savings over CFL
- Replacement for 18-42W G24-q or GX24-q type CFL lamps



VERTICAL LONG



HORIZONTAL



	Item #	Code	Watts	Volts	Base	Beam Spread	CRI	CCT (Kelvin)	Initial Lumens	Avg. Rated Life	MOL In.	Equiv. Wattage
PLT STYLE	LPLT13/827/H	79027	13	120-277V	GX24-q	120°	83	2700	1,000	50,000	5.2"	18-42W
	LPLT13/830/H	79882	13	120-277V	GX24-q	120°	83	3000	1,000	50,000	5.2"	18-42W
	LPLT13/840/H	79883	13	120-277V	GX24-q	120°	83	4000	1,050	50,000	5.2"	18-42W
	LPLT13/850/H	79028	13	120-277V	GX24-q	120°	83	5000	1,100	50,000	5.2"	18-42W
	LPLT13/827/VL	79029	13	120-277V	GX24-q	120°	83	2700	1,000	50,000	4.7"	18-42W
	LPLT13/830/VL	79886	13	120-277V	GX24-q	120°	83	3000	1,000	50,000	4.7"	18-42W
	LPLT13/840/VL	79887	13	120-277V	GX24-q	120°	83	4000	1,050	50,000	4.7"	18-42W
	LPLT13/850/VL	79030	13	120-277V	GX24-q	120°	83	5000	1,100	50,000	4.7"	18-42W

*Ballast compatibility: www.topaz-usa.com/ballastcompatibility

About Topaz

With 30 years of experience in the lighting industry, Topaz has always been your go-to supplier for all traditional lamps and lighting products. As the shape of the lighting industry continues to evolve, Topaz is committed to staying ahead of the technological power curve. To that end, we are proud to showcase our complete line of LED products in this catalog.

Our friendly, and knowledgeable sales team is standing by to answer your call and to help you find the items you need, at the price you demand. Contact your Topaz lighting sales representative today for more information on our complete and ever-expanding line of LED products.



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CA OFFICE

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Topaz LED Lamp Limited Warranty

Topaz Lighting Corp. (hereinafter called "Topaz"), 925 Waverly Avenue, Holtsville, NY 11742, warrants to the purchaser that Topaz lamps will be free from defect in material and or workmanship from the date of purchase for the following time periods:

Lamp Category	Warranty*
A19 ECO:	3 Years
Filament:	3 Years
PAR:	5 Years
Indoor Reflector:	5 Years
Mini-Reflector:	5 Years
A-Shape:	5 Years
Globe:	5 Years
Linear:	5 Years
Retrofit Unit:	5 Years
Surface Mount Light:	5 Years
Plug-in Style:	5 Years
Post Top Light:	5 Years

All other lamps are covered under our Quality Policy.

LIMITED WARRANTY: Topaz Lighting Corp. warrants to the original purchaser that Topaz LED lamps shall be free from defects of material and workmanship for a period as stated above from the date of purchase. Topaz Lighting Corp. will, at its option, repair or replace without charge a defective LED lamp that has not been misused, carelessly handled or improperly installed. Repair or replacement, as stated above, shall constitute the purchaser's exclusive warranty, which does not extend to transportation, installation, labor or any other incidental or consequential charges. www.topaz-usa.com.

*Based on maximum operating hours @ 12 hours/day.

This warranty is not applicable to any lamp, which is not installed and operated in accordance with the current edition of the National Electric Code (NEC), the Standards for Safety of Underwriters Laboratory, Inc. (UL), the Standards for the American National Standards Institute (ANSI) and with Topaz instructions and guidelines for the lamp. This warranty is not applicable to any lamp subjected to abnormal stresses and operating conditions. Use of occupancy sensors, dimmers or programmable systems with some lamp types may void the warranty.

Topaz reserves the right to examine all lamps prior to the determination of warranty status. All lamps must be retained for warranty claims. The warranty period starts on the date of installation. If the date of installation cannot be determined or is unknown, the warranty period will start with the date of the original purchase from Topaz.

Warranty Exclusion Clause for Products Exported:

This warranty shall be void for products that are exported outside the U.S. and its territories. The distributor, private labeler or OEM assumes all responsibility imposed by statute, regulation or law on product sold into those markets.

NO IMPLIED STATUTORY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY BEYOND THE AFOREMENTIONED WARRANTY PERIOD.

The foregoing warranty is exclusive of all other statutory, written or oral warranties, and no other warranties of any kind, statutory or otherwise, are given or herein expressed. The warranty sets forth Topaz's responsibilities regarding the lamp and claimant's exclusive remedy.

LIMITATION OF LIABILITY. Topaz will not under any circumstances, whether as a result of breach of contract, breach of warranty, tort, strict liability or otherwise, be liable for consequential, incidental, special or exemplary damages including, but not limited to, loss of profits or revenues, loss of use of lamp or any other goods or associated equipment or damage to any associated equipment, cost of capital, cost of substitute products, facilities of service, down time cost, or claims of claimant's customers. Topaz's liability on any claim of any kind for any loss or damages arising out of, resulting from or concerning any aspect of this agreement from the products or services furnished hereunder shall not exceed the price of the specific lamp or lamps which gives rise to the claim. Some states do not allow the exclusion or limitation of damages or the length of time for an implied warranty. Therefore, the limitations or exclusions of consequential or incidental damages and implied warranties may not apply to certain claimants. This warranty gives the claimant specific legal rights. The claimant may also have other rights, which vary from state to state.



Topaz is committed to providing excellent service and high quality products that fully meet and exceed established requirements. We will achieve this through the process of defining, understanding, as well as agreeing and conforming to customer requirements. Topaz proudly stands behind its motto "Friendly Service ... Powerful Solutions."



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All sizes and specifications are subject to change.



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