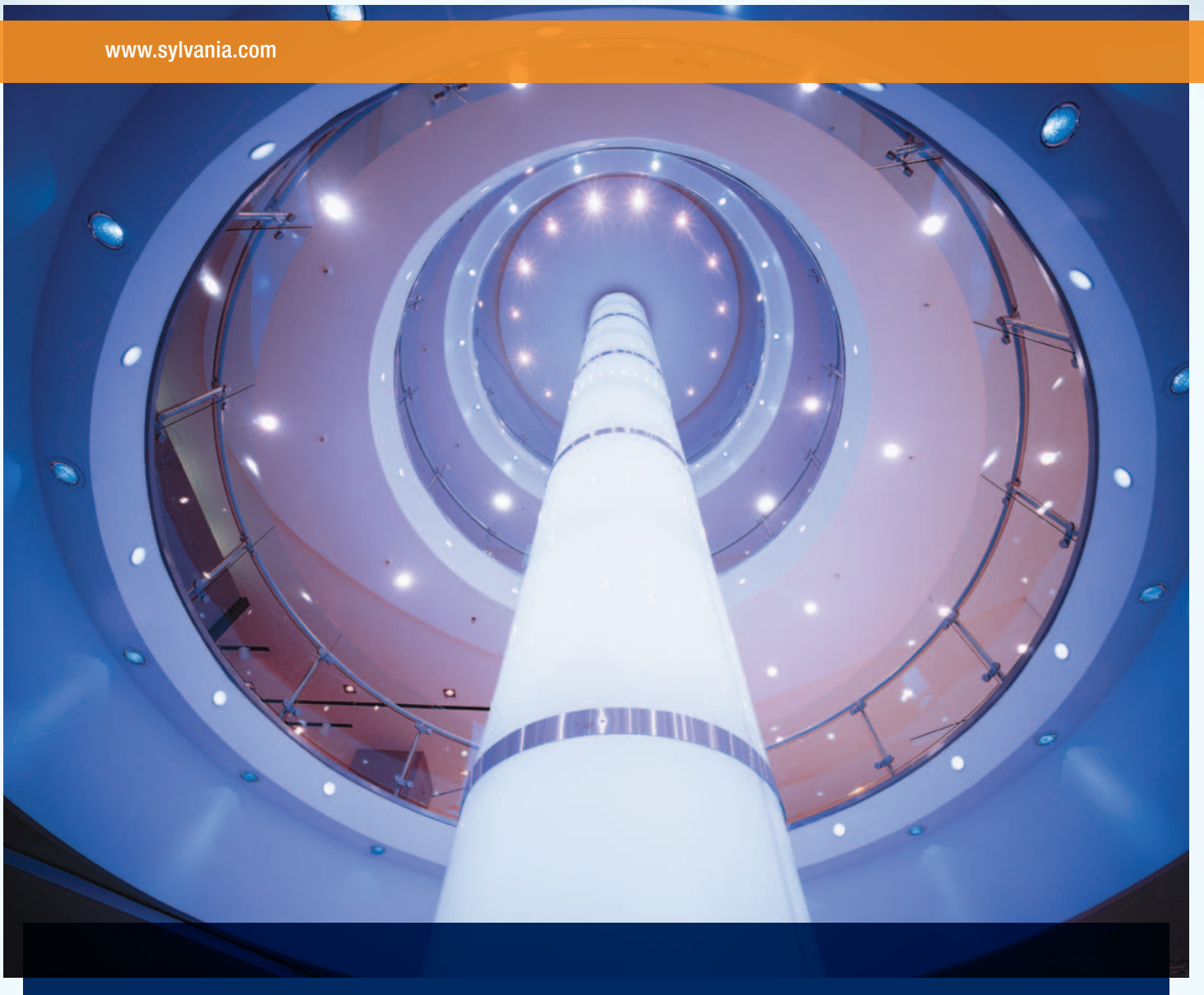


www.sylvania.com



Tomorrow, at the speed of light.

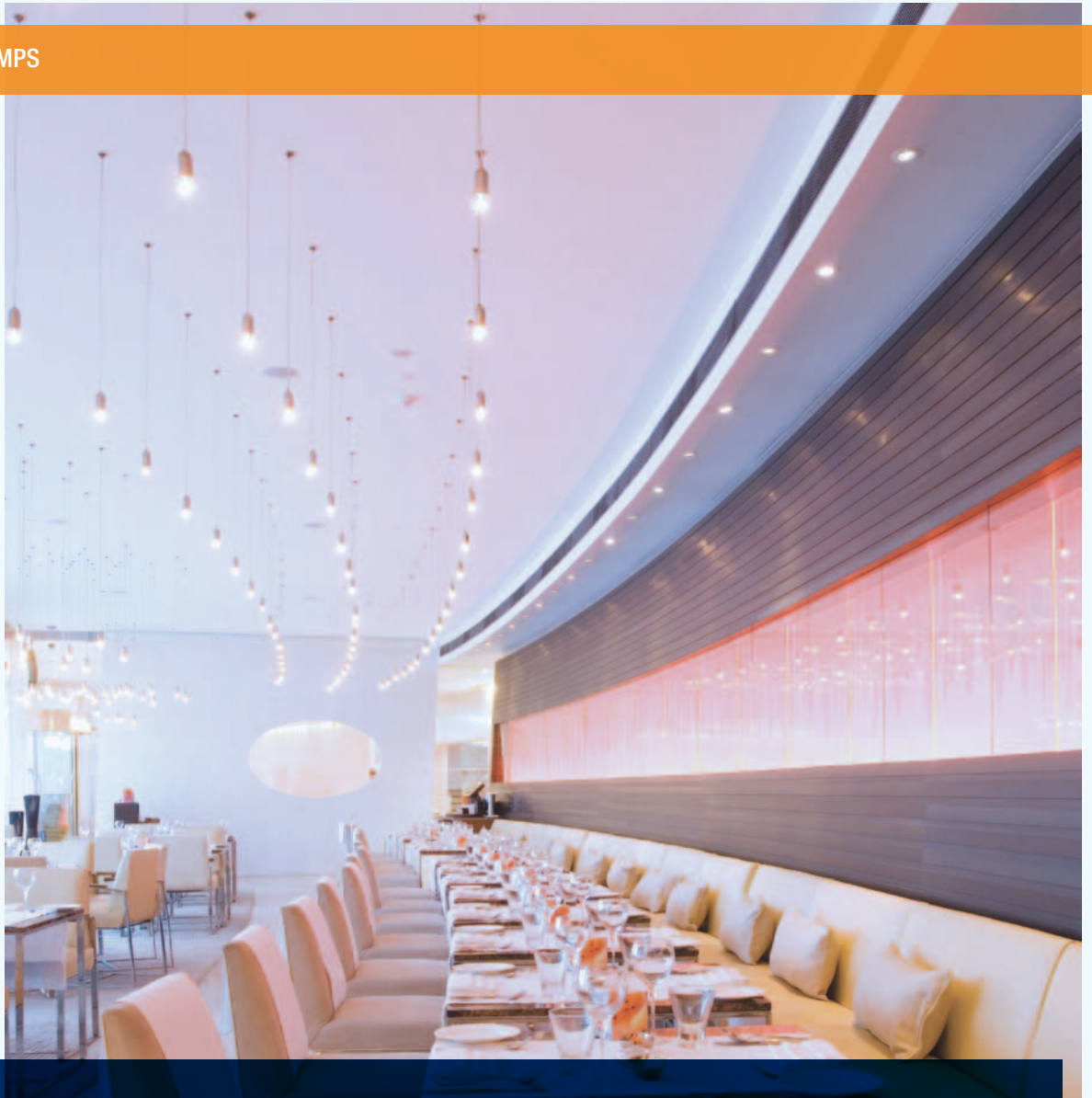
Long-lasting, energy-saving LED retrofit lamps



SEE THE WORLD IN A NEW LIGHT

SYLVANIA





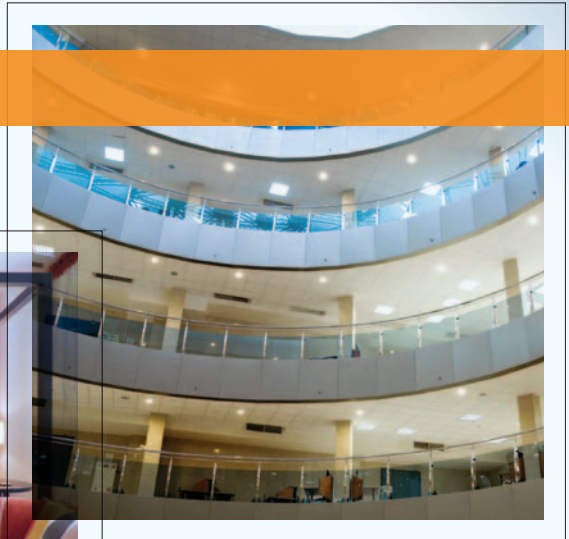
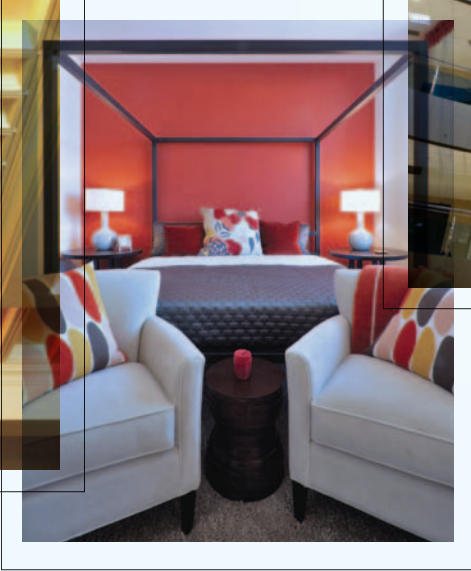
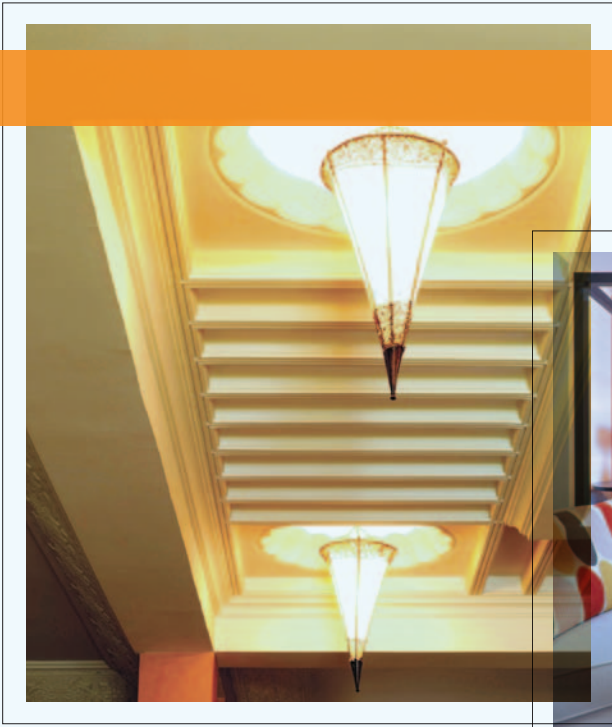
Nice. And easy.

SYLVANIA LED Retrofits for commercial and residential lighting.

Out with the old—and in with the new family of LED retrofit lamps from SYLVANIA. Offering the latest in lighting technology, SYLVANIA LED retrofits provide energy savings, longer life, reliability and sustainability. They are high-quality replacements for conventional light sources for both commercial and consumer applications. And, they use existing socket specifications, so installation couldn't be easier.

SYLVANIA has developed a core portfolio of LED retrofit lamps for a variety of applications. LED retrofits are available in a number of different types, including A-Line and

directional, each with specific performance features. In addition to the standard types, SYLVANIA has engineered versatile and innovative Area Light LED retrofit kits that provide property owners and municipalities with an LED retrofit alternative to existing HID roadway lighting systems. All SYLVANIA LED retrofit lamps are engineered to perform better and more efficiently than the current technology they replace, which is what customers have come to expect from SYLVANIA, a worldwide leader in LED components and systems.



LED Retrofits: Savings for today—and tomorrow.

Versatility

SYLVANIA ULTRA LED PAR20, PAR30 Long Neck, and PAR38 lamps are dimmable and can be used in a variety of applications – both indoors and outdoors. SYLVANIA ULTRA LED A19, G25, and MR16 lamps are also dimmable, and can be used in a variety of indoor applications. The B10 Candle lamp from SYLVANIA transforms a traditional lamp shape into a new form factor while providing all the benefits of LED technology. Furthermore, the SYLVANIA Area Light LED Kits bring LED technology out into the open, providing an alternative to HID (High Intensity Discharge) lighting solutions. This versatility makes SYLVANIA LED retrofit lamps the perfect choice in a large variety of applications.

Long service life

LED retrofit lamps are rated for up to 50,000 hours at 70% lumen maintenance. That's equivalent to replacing more than 50 standard incandescent lamps or 5 compact fluorescent lamps. They're ideal for hard-to-reach locations, since longer re-lamping intervals lower your maintenance costs.

Reliability

LED lamps have a robust design that makes them easy to handle and more resistant to temperature fluctuations and shock. Plus, LEDs are immune to frequent switching cycles that would incapacitate traditional light sources.

Sustainable by design

SYLVANIA LED lamps are environmentally preferable products. They are RoHS compliant, containing no mercury, lead, or other hazardous materials. They emit no UV or IR radiation.

Reduced energy consumption

LED lamps save up to 84% in energy costs compared to the traditional lamps they replace. They generate very little heat and have little impact on HVAC costs compared to incandescent lamps that waste up to 80% of their energy producing heat.

Quality of light

LED light sources excel at making things look their best. They feature high color saturation and natural color rendering which is critical for retail, commercial, hospitality, medical and residential environments. Since they emit no UV or IR radiation, there is far less potential for fading or discoloration of materials or décor. LED lamps provide 100% illumination at start up and are flicker-free.

American Recovery and Reinvestment Act of 2009

For purposes of ARRA, these products are made in the US.



This light source meets restrictions on hazardous substances.

LED RETROFIT LAMPS



Typical applications:

Offices
Healthcare
Hospitality
Residential
Restaurants

ULTRA LED Retrofit A-line Lamps

LED technology offers reduced energy and maintenance costs when compared with conventional light sources. Consuming only 8W and lasting 33 times longer, ULTRA LED A19 retrofit lamps are high quality replacements for 40W incandescent lamps. They are free of UV and IR radiation minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 85 CRI.

- No warm-up time, instant-on with full light output and stable color
- 50,000 hours average rated life at 70% lumen maintenance
- RoHS compliant
- For use in indoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED A-Line Product Offering

Item Number	Ordering Description	Wattage	Bulb Type	Color Temperature	Lumens	CRI
78642	LED8A/DIM/F/830	8W	A19	3000K	430 lm	85



Typical applications:

- Hospitality
- Residential
- Restaurants

ULTRA LED Retrofit G25 Lamps

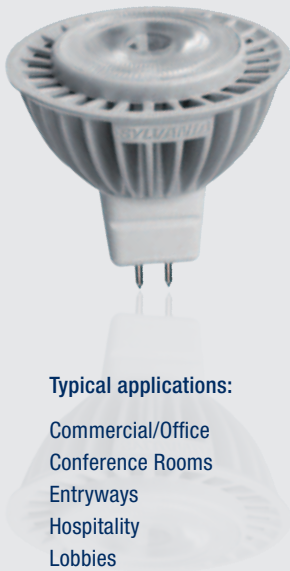
LED technology offers reduced energy and maintenance costs when compared with conventional light sources. Consuming only 8W and lasting 33 times longer, ULTRA LED G25 retrofit lamps are high quality replacements for 40W incandescent lamps. They are free of UV and IR radiation minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 85 CRI.

- No warm-up time, instant-on with full light output and stable color
- 50,000 hours life at 70% lumen maintenance
- RoHS compliant
- For use in indoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED G25 Product Offering

Item Number	Ordering Description	Wattage	Color Temperature	Lumens	CRI
78643	LED8G25/DIM/F/830	8W	3000K	450 lm	85

LED RETROFIT LAMPS



Typical applications:

Commercial/Office
 Conference Rooms
 Entryways
 Hospitality
 Lobbies
 Museums
 Restaurants
 Retail

ULTRA LED Retrofit MR16 Lamps

LED technology reduces energy and maintenance costs when compared to conventional light sources. Lasting 17 times longer, 6W ULTRA LED Retrofit MR16 lamps are high quality replacements for 20W halogen MR16 lamps. They are free of UV and IR radiation minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 35,000 hours life with a correlated color temperature (CCT) of 3000K and 87 CRI. They are available with GU5.3 bases and 25° and 36° beam angles.

- No warm-up time, instant-on with full light output and stable color
- 35,000 hours life at 70% lumen maintenance
- RoHS compliant
- For use in indoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED MR16 Product Offering

Item Number	Ordering Description	Wattage	Beam Angle	Color Temperature	Lumens	CBCP	CRI
78634	LED6MR16/DIM/830/NFL25	6W	25°	3000K	300 lm	860 cd	87
78635	LED6MR16/DIM/830/FL36	6W	36°	3000K	300 lm	590 cd	87



Typical applications:

- Accent/display lighting
- Art galleries
- Hotels
- Lobbies
- Offices
- Recessed cans
- Residential
- Restaurants
- Retail

ULTRA LED Retrofit PAR20 Lamps

LED technology offers reduced energy and maintenance costs when compared with conventional light sources. Lasting 20 times longer and using only 8 watts, ULTRA LED PAR20 lamps are a high quality replacement for 50W halogen PAR20 lamps. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 85 CRI. These lamps are available with 25° and 36° beam angles.

- No warm-up time, instant-on with full light output and stable color
- 50,000 hours life at 70% lumen maintenance
- RoHS compliant
- Suitable for use in indoor and outdoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED PAR20 Product Offering

Item Number	Ordering Description	Wattage	Beam Angle	Color Temperature	Lumens	CBCP	CRI
78636	LED8PAR20/DIM/830/NFL25	8W	25°	3000K	350 lm	1260 cd	85
78637	LED8PAR20/DIM/830/FL36	8W	36°	3000K	350 lm	713 cd	85

LED RETROFIT LAMPS



Typical applications:

Art galleries
Hospitality
Offices
Recessed cans
Residential
Restaurants
Retail

ULTRA LED Retrofit PAR30 Long Neck Lamps

LED technology offers reduced energy and maintenance costs when compared with conventional light sources. ULTRA LED PAR30 Long Neck retrofit lamps are intended to be a high quality replacement for 50W halogen PAR30 Long Neck halogen lamps while offering 20 times the life. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 87 CRI. These lamps are available with 25° and 40° beam angles.

- No warm-up time, instant-on with full light output and stable color
- 50,000 hours life at 70% lumen maintenance
- RoHS compliant
- Suitable for use in indoor and outdoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED PAR30LN Product Offering

Item Number	Ordering Description	Wattage	Beam Angle	Color Temperature	Lumens	CBCP	CRI
78638	LED15PAR30LN/DIM/830/NFL25	15W	25°	3000K	770 lm	2900 cd	87
78639	LED15PAR30LN/DIM/830/FL40	15W	40°	3000K	770 lm	1300 cd	87



Typical applications:

- Art galleries
- Hospitality
- Offices
- Recessed cans
- Residential
- Restaurants
- Retail

ULTRA LED Retrofit PAR38 Lamps

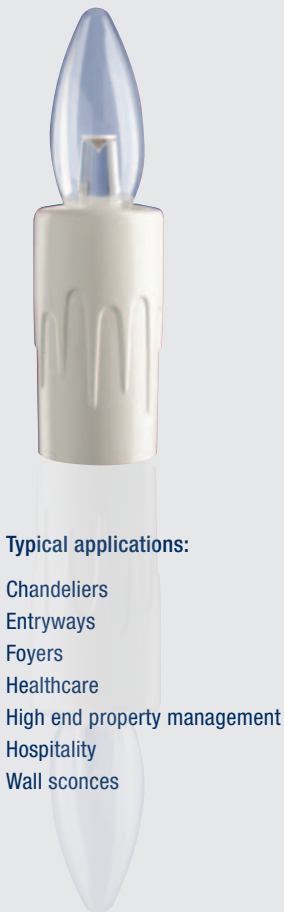
LED technology reduces energy and maintenance costs when compared with conventional light sources. Lasting 20 times longer and with only 18 watts, ULTRA LED PAR38 lamps are high quality replacements for 75W halogen PAR38 lamps. They are free of UV and IR radiation, minimizing discoloration and fading of materials. These lamps are dimmable down to 10%*, and are rated at 50,000 hours life with a correlated color temperature (CCT) of 3000K and 87 CRI. These lamps are available with 25° and 40° beam angles.

- No warm-up time, instant-on with full light output and stable color
- 50,000 hours life at 70% lumen maintenance
- RoHS compliant
- Suitable for use in indoor and outdoor environments
- Suitable for dimmers or in luminaires controlled by a dimmer

LED PAR38 Product Offering

Item Number	Ordering Description	Wattage	Beam Angle	Color Temperature	Lumens	CBCP	CRI
78640	LED18PAR38/DIM/830/NFL25	18W	25°	3000K	900 lm	3100 cd	87
78641	LED18PAR38/DIM/830/FL40	18W	40°	3000K	900 lm	1500 cd	87

LED RETROFIT LAMPS



Typical applications:

Chandeliers
Entryways
Foyers
Healthcare
High end property management
Hospitality
Wall sconces

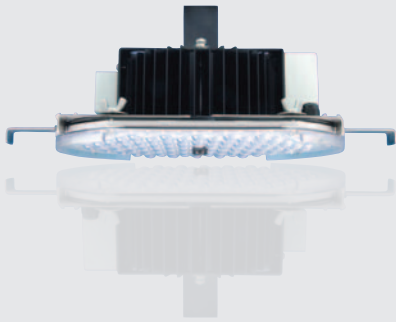
LED B10 Candle Lamps

The LED B10 Candle Lamp from SYLVANIA is as attractive as it is energy efficient. Its sparkle lit and unlit appearance enhances the classic beauty of chandelier fixtures. Our unique design features a clear glass envelope with a crystal-like light concentrator inside and a candle-like cover which creates a realistic candle look. LED B10 candle lamps last 16 times longer than traditional incandescent B10 lamps. The high CRI with enhanced red and skin tones and 2700K CCT create the perfect atmosphere to complement every application.

- No warm-up time, instant-on with full light output and stable color
- 25,000 hours life at 70% lumen maintenance
- RoHS compliant
- Not to be dimmed or operated on dimming circuits

LED B10 Candle Product Offering

Item Number	Ordering Description	Base Type	Wattage	Color Temperature	Lumens	CRI
78596	LED7B10C/827/165/S	Candelabra	7W	2700K	165 lm	80



Typical applications:

- College and business park campuses
- Historic restorations and downtown business/retail districts
- Parking lots and garages
- Public parks and playgrounds
- Roadways, walkways, bike paths and thoroughfares
- Street, outdoor and area lighting
- Shopping centers, malls and plazas



Area Light LED Retrofit Kits

The Area Light LED Retrofit Kit family of products from SYLVANIA provides an alternative to high-intensity discharge (HID) lamps up to 175W. The D6 Area Light LED Retrofit Kit can replace HID lights at pole heights up to 30 feet. The Post Top Area Light (D11 Area Light Retrofit Kit) can be used to replace HID lamps with pole heights up to 20 feet. The directional light distribution of high power LEDs allows the delivery of light only where needed, reducing wasted light and minimizing light trespass as well as upward emissions. Both are an excellent solution for communities that wish to convert their existing lighting systems as they are mercury-free, lead-free, and offer substantial energy and maintenance cost savings as well as minimizing waste in landfills. For specific information on the components of the kit and installation instructions, consult the Installation Guide for the appropriate product.

- Reduces street light energy consumption up to 77%
- Provides significant maintenance cost savings by lasting 2-6 times longer than HID lamps
- RoHS compliant
- Average rated life of 50,000 hours with 70% lumen maintenance
- UL1310 Recognized Class 2 OPTOTRONIC® power supply

Area Light LED Retrofit Kits

Item Number	Ordering Description	Product Name	Wattage	Color Temperature	Voltage	CRI	Lumens	Type
78532	LED40POST/757/T3M/D11/1G	D11	40W	5700K	120-277	70	2800 lm	III Medium
78599	LED40POST/849/T3M/D11/1G	D11	40W	4900K	120-277	80	2685 lm	III Medium
78606	LED40POST/757/T5S/D11/1G	D11	40W	5700K	120-277	70	3661 lm	V Short
78607	LED40POST/849/T5S/D11/1G	D11	40W	4900K	120-277	80	3200 lm	V Short
78628	LED55RETROFIT/750/T5M/D6	D6	55W	5000K	120-277	75	3500 lm	V Medium
78629	LED55RETROFIT/757/T5S/D6	D6	55W	5700K	120-277	70	3400 lm	V Short



Global Care™ represents OSRAM SYLVANIA's commitment to environmental and social responsibility.

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Photographs are exemplary of possible applications for the LEDs and not photographs depicting the LEDs in use.
Product specifications subject to change.

*Performance may vary depending on dimmer used in application

