





LED



TOLEDO LAMPS

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LEDs are becoming more and more efficient and versatile for accent lighting applications. They are available in various shapes, intensities, beam angles and colours. LEDs are the perfect solution where long lasting light source with low service maintenance are a factor.

The small dimensions of these light sources and the easy connectivity make them popular in applications of creative, easy to install lighting effects.

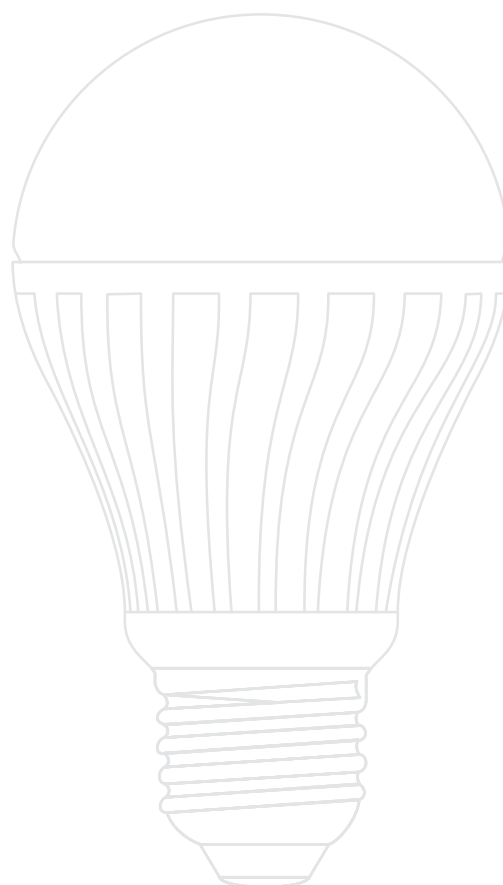
The evolution of this light source is still ongoing, even our well known and established Micro-Lynx F compact fluorescent lamp has been adapted and evolved to become the Micro-Lynx LED.

Sylvania offers a wide range of retrofit LED lamps that live up to the promise of attractive, safe and above all, efficient lighting solutions.

Sylvania LED lamps give you a lot of light for your energy. Up to 52 lumen per watt, to be precise.

Which makes them around 4 times more efficient than their incandescent or halogen counterparts.

Unlike regular energy saving lamps, Sylvania LEDs produce instant warm, soothing light the moment you switch them on. Their unique construction ensures perfect insulation of the metal casing, making them extremely safe to use, even in humid conditions. Sylvania's retrofit LED lamps come in a variety of decorative shapes and caps, offering 100% compatibility and one-to-one replacement with existing installations





TOLEDO LAMPS

Sylvania's innovative answer to the prehistoric light bulb. Get years of warm, soothing light at the flick of a switch

A satin glass bulb ensures soft, warm light diffused at a very wide angle. Matches the ambience of incandescent light with an energy saving of 85 %. The real alternative for decorative applications, especially chandeliers and antique-style lighting



HI-SPOT® REFLED

Introducing the world's first true dimensional retrofit LED spot with GU10 base, offering the same output as a 50W mains voltage halogen lamp for just 3.5 W of power, or an energy saving of 90 %. Chosen by professional customers as best in class!

Sylvania's revolutionary LED spot replaces 40 W incandescent R50 spots with a E14 screw fitting. The HI-SPOT® RefLED gives you more light for a lot less energy.

Get hours and hours and hours of warm, bright, white light. Replaces regular 50W incandescent R63 spots or PAR20 halogen spots, using only a fraction of the energy.

When you need the strongest, brightest light, Radiating 2000 candela of warm white light, the HI-SPOT® RefLED PAR30 offers the equivalent output of 75 W lamps for just 10 W of electricity.



MICRO-LYNX LAMPS

As the name states, incorporates 21 state of the art LED's (Light Emitting Diodes). The ultra low profile Micro-Lynx LED operates directly on the mains supply so no separate transformer is required. 1,5w available in two different finishes (clear or satin) both in white or 4 different vibrant colours (blue, green, red or yellow) the new 5w version will be available for real high power lighting applications.

With Micro-Lynx LED, the creation of staggering or subtle ambience lighting effects will become child's play.

No difficult choices of which transformer or interconnection cables to use - with the Micro-Lynx LED it's just plug and play!

ToLEDo CANDLE/CANDLE BENT-TIP

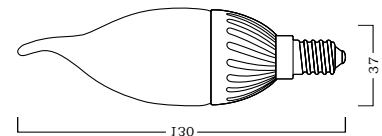
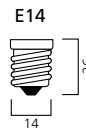
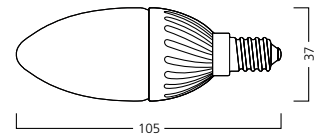


ToLEDo Candle

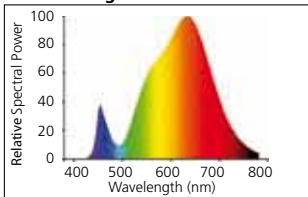
- 15 years or 15,000 hours
- Instant light
- Colour rendering index 85
- 100 % retrofit

ToLEDo Candle Bent Tip

- 15 years or 15,000 hours
- Instant light
- Colour rendering index 85
- 2.5 W = 15 W incandescent
- 130 lm (-85 % energy*)
- HomeLight 2600 K
- Satin bulb gives uniform light distribution
- Exact dimensional incandescent copy



LED-Homelight 826



ToLEDo CANDLE

Code	Description	Watt	Volt	Cap	Lamp Finish	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
ToLEDo Candle									
0026156	Candle Satin Homelight	2,5W	220-240V	E14	Satin	2600K	130 lm	15000 hrs	10
ToLEDo Candle Bent Tip									
0026160	Bent Tip Candle Satin Homelight	2,5W	220-240V	E14	Satin	2600K	130 lm	15000 hrs	10

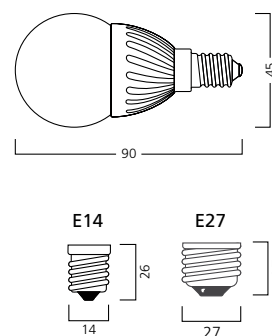
* compared with incandescent



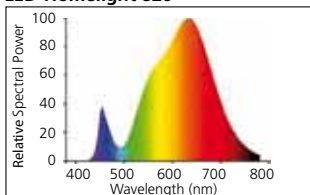
TOLEDO BALL



- 15 years or 15,000 hours
- Instant light
- Colour rendering index 85
- 2.5 W = 15 W incandescent
- 130 lm (-85 % energy*)
- HomeLight 2600 K
- Satin bulb gives uniform light distribution
- Exact dimensional incandescent copy



LED-Homelight 826



ToLEDo BALL

Code	Description	Watt	Volt	Cap	Lamp Finish	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
ToLEDo Ball									
0026164	Ball Satin Homelight	2,5W	220-240V	E14	Satin	2600K	130 lm	15000 hrs	10
0026178	Ball Satin Homelight	2,5W	220-240V	E27	Satin	2600K	130 lm	15000 hrs	10

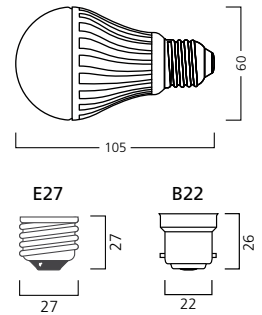
* compared with incandescent



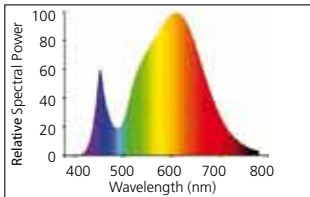
TOLEDO GLS



- 15 years or 15,000 hours
- Instant light
- Colour rendering index 85
- 100 % retrofit
- 6 W = 25 W incandescent
- E27 and B22 socket
- 250 lm (-80 % energy*)
- Warm White 3000 K
- 100-250 V
- Energy Class A



LED-Warm White 830



ToLEDo GLS

Code	Description	Watt	Volt	Cap	Lamp Finish	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
ToLEDo GLS A60									
0026152	GLS Pearl Warm White	6W	100-250V	E27	Pearl	3000K	250 lm	15000 hrs	10
0026190	GLS Pearl Warm White	6W	100-250V	B22	Pearl	3000K	250 lm	15000 hrs	10

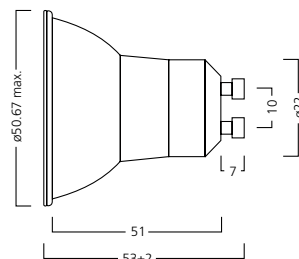
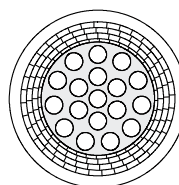
* compared with incandescent



GU10 LED ES50



- Halogen retrofit, will fit into every GU10 / GZ10 socket.
- Coloured LED light appears much richer than the light from coloured halogen, fluorescent or HID lamps.
- Ideal for creating ambience atmosphere, in both domestic and semi-professional
- Applications e.g. Hotel rooms, Restaurants, Bars, Furniture lighting etc.
- Life time of 25,000 hours, low maintenance cost.
- 1.5 Watt rating, cost very little to operate.
- No delay or run up time after switch-on.



GU10 LED ES50

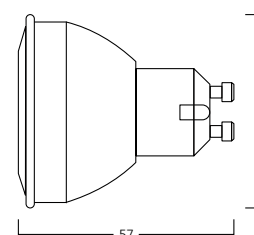
Code	Description	Watt	Volt	LED Colour	Luminous Flux	Average Rated Life	Packing Qty.
GU10 LED ES50 1,5W							
0025121	LED GU10 White	1.5W	200-250V	White	18 lm	10000 hrs	20
0025122	LED GU10 Blue	1.5W	200-250V	Blue	11 lm	25000 hrs	20
0025125	LED GU10 Yellow	1.5W	200-250V	Yellow	11 lm	25000 hrs	20
0025123	LED GU10 Red	1.5W	200-250V	Red	10 lm	25000 hrs	20
0025124	LED GU10 Green	1.5W	200-250V	Green	22 lm	25000 hrs	20



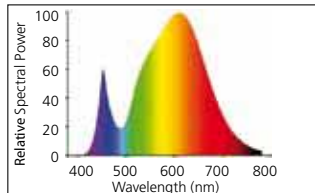
HI-SPOT® REFLED ES50



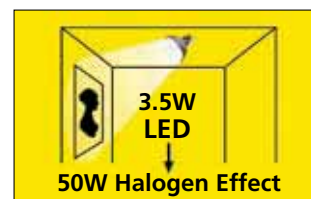
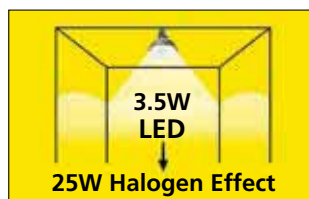
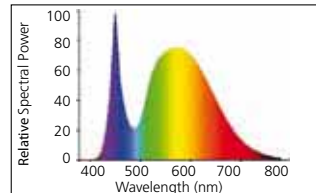
- Available in Warm 3000 K and Cool White 4000 K
- Colour rendering index 85
- 15 years or 15,000 hours
- Instant light
- Universal Retrofit 100-250 V
- 3.5 W = 35 W halogen
- World's first true dimensional retrofit for 50W halogen in spot lighting applications
- Integrated electrical isolating transformer for highest safety, even in humid conditions



LED-Warm White 830



LED-Cool White 840



HI-SPOT® REFLED ES50

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Luminous Flux	Average Rated Life	Packing Qty.
HI-SPOT® RefLED ES50										
0025169	HI-SPOT® RefLED ES50	3.5W	100-250V	20°	GU10	3000K	1200 cd	175 lm	15000 hrs	10
0025173	HI-SPOT® RefLED ES50	3.5W	100-250V	20°	GU10	4000K	1400 cd	210 lm	15000 hrs	10

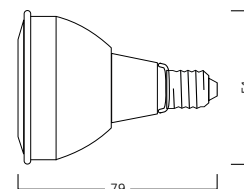
* compared with Halogen



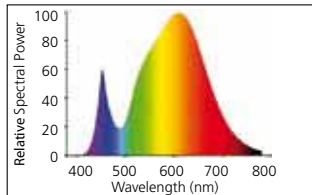
HI-SPOT[®] REFLED PAR16



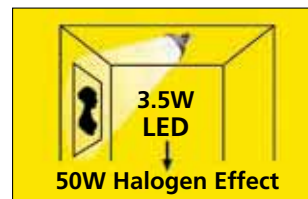
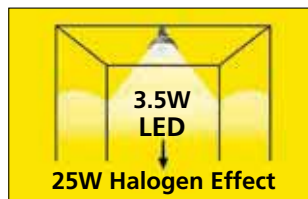
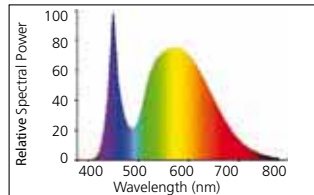
- Available in Warm 3000 K and Cool White 4000 K
- Colour rendering index 85
- 15 years or 15,000 hours
- Instant light
- Universal Retrofit 100-250 V
- 3.5 W = 40 W incandescent R50
- World's first true dimensional retrofit for 50W halogen in spot lighting applications
- Integrated electrical isolating transformer for highest safety, even in humid conditions



LED-Warm White 830



LED-Cool White 840



HI-SPOT[®] REFLED PAR16

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Luminous Flux	Average Rated Life	Packing Qty.
HI-SPOT[®] RefLED PAR16										
0025171	HI-SPOT [®] RefLED PAR16	3.5W	100-250V	20°	E14	3000K	1200 cd	175 lm	15000 hrs	10
0025176	HI-SPOT [®] RefLED PAR16	3.5W	100-250V	20°	E14	4000K	1400 cd	210 lm	15000 hrs	10

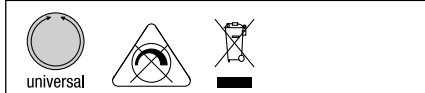
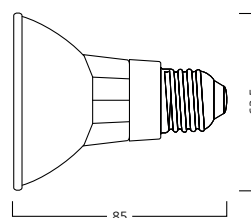
* compared with Halogen



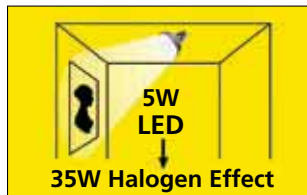
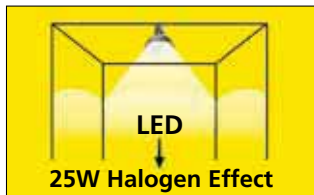
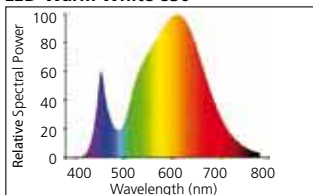
HI-SPOT® REFLED PAR20



- Warm White 3000 K
- Colour rendering index 85
- 15 years or 15,000 hours
- Instant light
- Universal Retrofit 100-250 V
- 5W = 25W halogen downlight
- True dimensional retrofit for halogen PAR 20 & Incandescent PAR 63
- Integrated electrical isolating transformer for highest safety, even in humid conditions



LED-Warm White 830



HI-SPOT® REFLED PAR20

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Luminous Flux	Average Rated Life	Packing Qty.
HI-SPOT® RefLED PAR20										
0026170	HI-SPOT® RefLED PAR20	5W	100-250V	30°	E27	3000K	450 cd	200 lm	15000 hrs	10

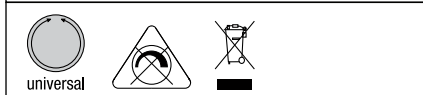
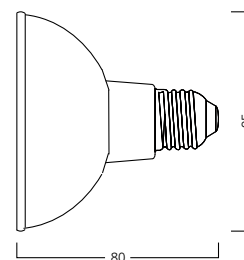
* compared with Halogen



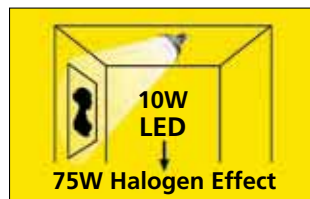
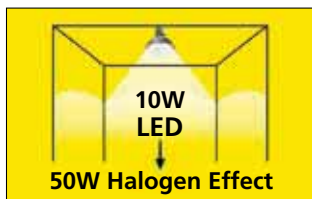
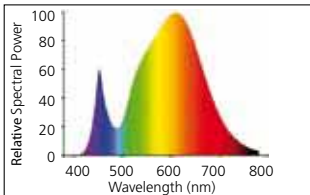
HI-SPOT® REFLED PAR30



- Warm White 3000 K
- Colour rendering index 85
- 15 years or 15,000 hours
- Instant light
- Universal Retrofit 100-250 V
- 10 W = 50 W halogen downlight
- Integrated electrical isolating transformer for highest safety, even in humid conditions



LED-Warm White 830



HI-SPOT® REFLED PAR30

Code	Description	Watt	Volt	Beam Angle	Cap	Colour Temp	Luminous Intensity	Luminous Flux	Average Rated Life	Packing Qty.
HI-SPOT® RefLED PAR30										
0026172	HI-SPOT® RefLED PAR30	10W	100-250V	25°	E27	3000K	2000 cd	400 lm	15000 hrs	10

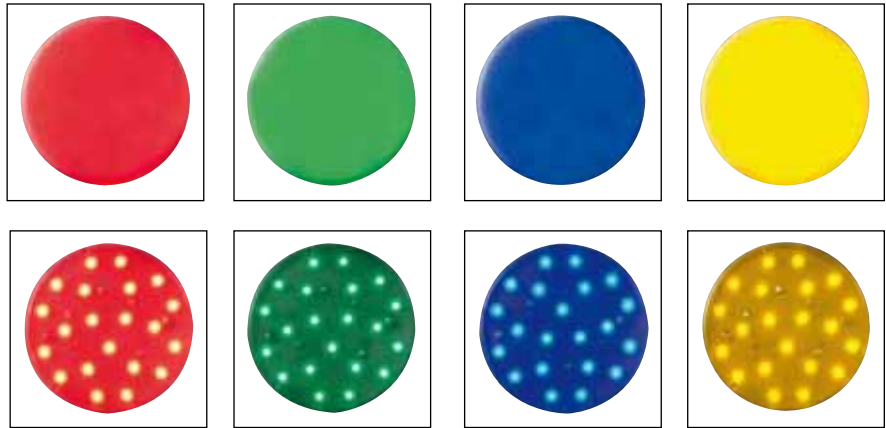
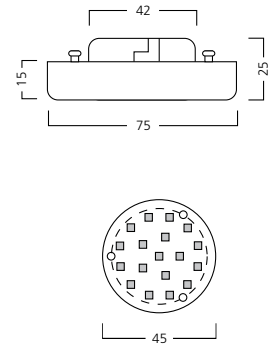
* compared with Halogen



MICRO-LYNX LED



- Two different finishes - satin and clear
- Power consumption 1,5W or 5W
- Temperature range of -25°C to 60°C
- Integrated electronic driver
- Mains voltage operation
- New 5W version with very high light output, matching CFL light output



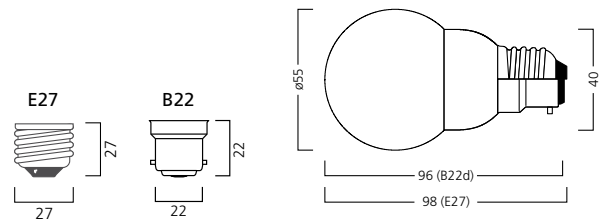
MICRO-LYNX LED

Code	Description	Watt	Volt	Cap	LED Colour	Lamp Finish	Colour Temp	Luminous Flux	Average Rated Life	Packing Qty.
Micro-Lynx LED 1,5W Satin										
0025060	Micro-Lynx LED White Satin	1.5W	230-240V	GX53	White	Satin	6500K	20 lm	50000 hrs	10
0025061	Micro-Lynx LED Red Satin	1.5W	230-240V	GX53	Red	Satin	-	12 lm	50000 hrs	10
0025062	Micro-Lynx LED Green Satin	1.5W	230-240V	GX53	Green	Satin	-	20 lm	50000 hrs	10
0025063	Micro-Lynx LED Blue Satin	1.5W	230-240V	GX53	Blue	Satin	-	5 lm	50000 hrs	10
0025064	Micro-Lynx LED Yellow Satin	1.5W	230-240V	GX53	Yellow	Satin	-	15 lm	50000 hrs	10
Micro-Lynx LED 1,5W Clear										
0025065	Micro-Lynx LED White Clear	1.5W	230-240V	GX53	White	Clear	6500K	40 lm	50000 hrs	10
0025066	Micro-Lynx LED Red Clear	1.5W	230-240V	GX53	Red	Clear	-	20 lm	50000 hrs	10
0025067	Micro-Lynx LED Green Clear	1.5W	230-240V	GX53	Green	Clear	-	32 lm	50000 hrs	10
0025068	Micro-Lynx LED Blue Clear	1.5W	230-240V	GX53	Blue	Clear	-	8 lm	50000 hrs	10
0025069	Micro-Lynx LED Yellow Clear	1.5W	230-240V	GX53	Yellow	Clear	-	24 lm	50000 hrs	10
Micro-Lynx LED 5W Clear										
0025031	Micro-Lynx LED White Clear	5W	230-240V	GX53	Warm White	Clear	3000K	180 lm	25000 hrs	10
0025033	Micro-Lynx LED White Clear	5W	230-240V	GX53	Cool White	Clear	8000K	200 lm	25000 hrs	10

VARIABLE COLOR



- GLS retrofit will fit into every E27 & B22 Socket
- Colour changing ideal for creating ambience atmosphere, in Professional and
- Domestic applications e.g. Bars, Christmas Trees, (Indoor) Parties Nurseries
- Nightlights etc.
- Will last an average lifetime of 25000 hours
- Works directly on mains voltage, no need for a separate transformer or electronic driver, all electronics incorporated.



A55 VARIABLE COLOR (HV)

Code	Description	Cap	Watt	Volt	LED Colour	Packing Qty.
0025127	7 COLOUR LED BALL	E27	0.7W	220-250V	Variable 7-Colour	10
0025135	7 COLOUR LED BALL	B22	0.7W	220-250V	Variable 7-Colour	10

