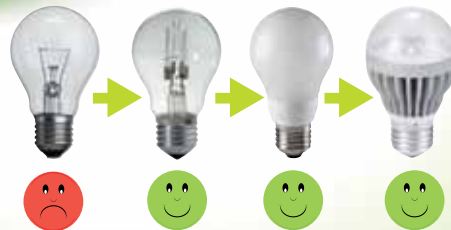


# Save Energy!

Leuci offers you  
an alternative to  
incandescent lamps.

*It is easy!  
Check out our  
compatibility tables.*



**Relco**  
GROUP®

**Leuci**  
Since 1919





Leuci is moving fast towards clean energy!



We all know that saving energy can only bring benefits. Leuci is well-aware of this and with some simple recommendations and information contained in the following pages wants to help you choose the best suited light source for any kind of use with maximum care for the environment to counter global warming. Generating artificial light - essential to all human activities - efficiently and with the lowest possible consumption levels, involves benefits in terms of savings, as well as for the environment. Save energy, Leuci offers you the alternative!



There are companies that have written the history of a sector, have marked the progress made, have led to a gradual increase in people's habits and customs related to the using a specific product.

#### **LEUCI IS ONE OF SUCH COMPANIES.**

Right from its creation in 1919, Leuci has pursued an ambition which over the years has also been an ongoing incentive to the development efforts undertaken by the Company in over 90 years of history: extending the use of commercial electrical lighting throughout society. Leuci has no doubt given its valuable contribution to achieving this goal, which at the time was considered a brave ambition and today has now become a tangible reality.

An Italian lamp brand facing the fierce international competition, Leuci has been able to gain growing visibility on markets all over the world. This is no doubt thanks to the quality of its products, appreciated by customers and consumers and is confirmed by the ISO 9001:2008 certification obtained by the company. Leuci offers a product range that caters to a wide variety of uses, along with ongoing research on the front of technological innovation applied to its manufacturing processes and its products in accordance with European standards with consideration for the environment.

This is why Leuci, after over 90 years from its creation and now projected towards the future, truly represents one of the leading companies in the field of **ITALIAN-MADE MANUFACTURING** at an international level.



## Say goodbye to old lamps, say hello to energy savings!





From September 1 2009, the implementation of a new Regulation (regulation 244/2009/EC in force from April 13 2009 implementing the EU directive 52/2003 on the eco-compatible design of products that consume energy), adopted by EU member countries in order to cut energy consumption due to low-efficiency lighting solutions in favour of highly efficient ones, involves the gradual phase-out of certain types of lamps.

The lamps that will be affected by the phase-out are mainly incandescent lamps, where only 5% of the power consumed is used to generate light and the rest is lost in heat.






## Programme on the gradual phase-out of low-efficiency light sources.

The tables contained in the following pages indicate the lamps affected by the new European Regulation and the timeframe to implement it. Special incandescent lamps with a reflector that emits 80% of the light within a 120 degree beam are not included in the phase-out.

# The regulation phases out incandescent lamps for domestic use.

	September 2009	September 2010	September 2011	September 2012	September 2013	September 2014	September 2015	September 2016
<b>Incandescent Lamps CLEAR</b> 	15W	15W	15W	15W	<b>Phase-out of all clear Incandescent Lamps.</b>			
	25W	25W	25W	25W				
	40W	40W	40W	40W				
	60W	60W	60W	60W				
	75W	75W	75W	75W				
	100W	100W	100W	100W				
<b>Incandescent Lamps FROSTED</b> 	<b>Phase-out of all frosted and opal Incandescent Lamps.</b>							
<b>Incandescent Lamps SPECIAL</b> 	<b>Lamps that are not affected by the phase-out at this stage. (ovens, fridge)</b>							
<b>Incandescent Lamps WITH REFLECTOR</b> 	<b>Lamps that are not affected by the phase-out at this stage.</b>							

# The regulation phases out halogen and fluorescent lamps.

	September 2009	September 2010	September 2011	September 2012	September 2013	September 2014	September 2015	September 2016
<b>Halogen Lamps CLEAR</b> 	5W	5W	5W	5W	5W	5W	5W	5W
	10W	10W	10W	10W	10W	10W	10W	10W
	20W	20W	20W	20W	20W	20W	20W	20W
	35W	35W	35W	35W	35W	35W	35W	35W
	50W	50W	50W	50W	50W	50W	50W	50W
	75W	75W	75W	75W	75W	75W	75W	75W
	100W	100W	100W	100W	100W	100W	100W	100W
	25W	25W	25W	25W	25W	25W	25W	25W
<b>Halogen Lamps CLEAR</b> 	40W	40W	40W	40W	40W	40W	40W	40W
	60W	60W	60W	60W	60W	60W	60W	60W
	75W	75W	75W	75W	75W	75W	75W	75W
	100W	100W	100W	100W	100W	100W	100W	100W
	150W	150W	150W	150W	150W	150W	150W	150W
	200W	200W	200W	200W	200W	200W	200W	200W
	300W	300W	300W	300W	300W	300W	300W	300W
	500W	500W	500W	500W	500W	500W	500W	500W
	+750W	+750W	+750W	+750W	+750W	+750W	+750W	+750W
	<b>Halogen Lamps FROSTED</b> 	<b>Phase-out of all frosted Halogen Lamps.</b>						
<b>Lamps that are not affected by the phase-out at this stage.</b>								
<b>Halogen Lamps + Reflector</b> 	<b>Lamps that are not affected by the phase-out at this stage.</b>							
	<b>Lamps that are not affected by the phase-out at this stage.</b>							
<b>Fluorescent Lamps</b> 	<b>Phase-out of all fluorescent lamps with inefficient halophosphate tubes (low Lm/W ratio and low colour yield).</b>							
	<b>Phase-out of all fluorescent lamps with inefficient halophosphate tubes (low Lm/W ratio and low colour yield).</b>							

# Who spends best, spends less! Finding an alternative is easy.

Leuci's new lamps are perfect to replace traditional lamps and offer a number of benefits.

The energy savings accrued over time will offset the slightly higher cost of the lamps. Plus they are more durable, which makes them all the more affordable. Its ongoing research and development activities and the specialist knowledge gained in over 90 years of history have led Leuci to create an exhaustive and unique range of eco-friendly lamps ready to meet all lighting needs and able to ensure durability and maximum energy savings.

In accordance with the European Union's new Regulation, Leuci offers a complete range of compact alternatives to traditional incandescent lamps in a variety of shapes and inspired to traditional lighting solutions with incandescent lamps.

## Check out the compatibility tables.



### LIFE ENERGY HALO LAMPS

- Save 30% energy in replacing Incandescent lamp bulbs.
- Halves maintenance operations and intervention costs.
- High efficiency JCD Halogen capsule in conventional bulb shell provides brilliant attractive Halogen light
- Xenon Halogen technology to enhance light output performance.
- No blackening on bulb shell
- Constant brightness throughout lamp life
- UV-STOP Quartz capsule: total block of UVB and UVC RAYS
- Mains voltage functioning without the aid of transformers.
- Fully dimmable
- Energy efficiency rating: C



### ENERGY SAVING

#### ELECTRONIC INTEGRATED LAMPS

- The Gemini Saving line represents excellence in the field of durable energy-saving lamps: up to 8000 hours.
- Max. energy savings up to 80%.
- The manufacturing technology of the power supply electronic circuits has led to the creation of ever-more compact lightweight lamps that are easy to use even in small fitted-in appliances inspired to the shapes of traditional incandescent lamps with traditional fittings and that are able to meet all lighting needs.
- A complete range in terms of power and colour.
- Immediate start
- Steady light
- Energy efficiency rating: A



### LED LAMPS

















- Low power consumption power LED lamp bulb operating at mains voltage. Direct replacement of incandescent and fluorescent lamp.
- The brand new Led Energy series allow you to save 85% on your energy bill and reaches up to 25,000 hours of operation, lower consumption rate, eco-friendly a more natural light, brighter.
- Available in cold white and warm white to meet all lighting needs.
- Integrated current stabilization circuit to improve luminous efficacy and life time extension.
- Mains overvoltage protection.
- No electromagnetic interference.
- Energy efficiency rating: A





# Standard



Traditional Incandescent	Life Energy Halo	Gemini Saving	Led
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h
25W			 4,6W LED STANDARD LUMINA  3W LED STANDARD AMBIENTE  3W LED STANDARD AMBIENTE
40W	28W HALO STANDARD 	9W MINI STANDARD SAVING 	 5,8W LED STANDARD LUMINA  4W LED CLEAR STANDARD AMBIENTE  4W LED FROSTED STANDARD AMBIENTE
60W	42W HALO STANDARD 	11W MINI STANDARD SAVING 	 9,5W LED STANDARD LUMINA
75W	52W HALO STANDARD 	15W MINI STANDARD SAVING 	 8,5W LED STANDARD LUMINA <i>High EFFICIENCY Led</i>
100W	70W HALO STANDARD 	20W MINI STANDARD SAVING 	 9W LED STANDARD LUMINA <i>High EFFICIENCY Led</i>
150W	105W HALO STANDARD 		



# Ball





Incandescent traditional	Life Energy Halo	Gemini Saving	Led
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h
25W	18W HALO BALL	5W <b>MINI</b> BALL SAVING	4,6W LED BALL LUMINA  3W LED BALL AMBIENTE
40W	28W HALO BALL	7W <b>MINI</b> BALL SAVING	5,8W LED BALL LUMINA
60W	42W HALO BALL	9W BALL SAVING	



# Candle



Incandescent traditional	Life Energy Halo	Gemini Saving	Led
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h
25W	18W HALO CANDLE 	5W <b>MINI</b> CANDLE SAVING 	 4,6W LED CANDLE LUMINA  3W LED CANDLE AMBIENTE
40W	28W HALO CANDLE 	7W <b>MINI</b> CANDLE SAVING 	 5,8W LED CANDLE LUMINA
60W	42W HALO CANDLE 	11W CANDLE SAVING 	



# Twisted Candle







Traditional Incandescent	Life Energy Halo	Gemini Saving	
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	
25W	18W HALO TWISTED CANDLE  		
40W	28W HALO TWISTED CANDLE  	9W <b>MINI TW. CANDLE SAVING</b> 	
60W	42W HALO TWISTED CANDLE  	11W TWISTED CANDLE SAVING 	



# Bent-Tip Candle



Traditional Incandescent	Life Energy Halo	Gemini Saving	
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	
40W	28W HALO BENT-TIP CANDLE 	9W <b>MINI</b> BENT-TIP CANDLE SAVING 	
60W	42W HALO BENT-TIP CANDLE 	11W BENT-TIP CANDLE SAVING 	









# Snow T60

Traditional Incandescent	Life Energy Halo	Gemini Saving	
100W		18W T60 SAVING 	



# Globalux



Traditional Incandescent	Life Energy Halo	Gemini Saving	
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	
40W	28W HALO GLOBOLUX 		
60W	42W HALO GLOBOLUX 		
100W	70W HALO GLOBOLUX 	21W GLOBOLUX SAVING 	
120W		25W GLOBOLUX SAVING 	
150W		30W GLOBOLUX SAVING 	












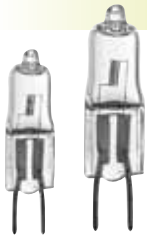
# Reflector R50.R63.R80

  
 Saving  
**30%**

  
 Saving  
**80%**



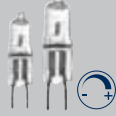


  
 Saving  
**85%**

Traditional Incandescent	Life Energy Halo	Gemini Saving	Led
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h
25W			4,6W LED R63 Lumina 
40W	28W HALO R50 	7W R50 SAVING 	
	28W HALO R63 		5,8W LED R63 Lumina 
60W	42W HALO R63 	9W R63 SAVING 	
	42W HALO R80 		
100W	70W HALO R80 		



# Compact G4 - GY6,35








Traditional Halogen	Life Energy Halo		Led
⌚ 1.000h	⌚ 2.000h		⌚ 10.000h
10W	8W HALO G4 		0,3W Bi-PIN 
20W	16W HALO G4 - GY6,35 		
35W	28W HALO GY6,35 		
50W	40W HALO GY6,35 		



# Compact G9



Traditional Halogen	Life Energy Halo	Gemini Saving	Led
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h
25W	20W HALO G9 	7W G9 SAVING 	
40W	33W HALO G9 	9W G9 SAVING 	
60W	48W HALO G9 		



# HL111



75W			15W LED AR111 Lumina 
100W			25W LED AR111 Lumina 









# MR11 - MR16



## MR11

Traditional Halogen	Life Energy Halo		Led
⌚ 1.000h	⌚ 2.000h		⌚ 25.000h
20W	16W HALO MR11 GU4 		
35W	28W HALO MR11 GU4 		











## MR16

20W	16W HALO MR16 GU5,3 		 3W LED MR16 LUMINA	 3W LED MICRO POWERLED AMBIENTE
35W	28W HALO MR16 GU5,3 			 9W LED MICRO POWERLED AMBIENTE
50W	40W HALO MR16 GU5,3 			



# GU10




Traditional Halogen	Life Energy Halo	Gemini Saving	Led	
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	⌚ 25.000h	
15W			 3W LED GU10 LUMINA	
25W			 4,6W LED GU10 LUMINA	 3W LED DICRO POWERLED AMBIENTE
35W		7W GU10 SAVING 	 5,8W LED GU10 LUMINA	 9W LED DICRO POWERLED AMBIENTE
50W	40W HALO GU10  	10W GU10 SAVING 	 7W LED GU10 LUMINA*	

\* AVAILABLE FROM APRIL 2011





# PAR16



<b>Traditional Halogen</b>			<b>Led</b>
⌚ 1.000h			⌚ 25.000h
20W			3W LED PAR16 Lumina 



# PAR30





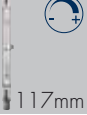
<b>Traditional Halogen</b>			<b>Led</b>
25W			7W LED PAR30 Lumina 
50W			11W LED PAR30 Lumina* 

\* AVAILABLE FROM APRIL 2011



# Linear 80mm - 117mm



Traditional Halogen	Life Energy Halo	Gemini Saving	
⌚ 1.000h	⌚ 2.000h	⌚ 8.000h	
100W	80W HALO LINEAR 	21W R7s SAVING 	
150W	120W HALO LINEAR 		
200W	160W HALO LINEAR 		
250W	200W HALO LINEAR 		
300W	230W HALO LINEAR 		
500W	400W HALO LINEAR 		












E14

E27

# Tubular






Traditional Halogen	Life Energy Halo		
⌚ 1.000h	⌚ 2.000h		
75W	60W HALO TUBULAR  E27 		
100W	80W HALO TUBULAR  E14  E27 		
150W	120W HALO TUBULAR  E27 		
250W	200W HALO TUBULAR  E27 		



# Fluorescent T8



Fluorescent Tube			Led
⌚ 10.000h			⌚ 50.000h
18W			9W LED T8 Lumina* 
36W			18W LED T8 Lumina* 
58W			20W LED T8 Lumina* Saving 

\* AVAILABLE FROM APRIL 2011

# LED DEVICES

## PUBLIC LIGHTING AND STREET FURNITURE



Duration: 50,000hrs, 7 times more than traditional lamps

Reduction of energetic and maintenance costs

Low environmental impact with less CO<sub>2</sub> emissions

Clean light because it lacks IR and UV components

Installation flexibility of the lighting point

Saturated colours

Strong spot effect option (concentrated light emission)

Safe operation because it works with very low voltages (between 3 and 24 Vdc)

Cold ignition (up to -40 °) with no problems

Immune to humidity and vibrations

Lack of Mercury

Duration not affected by the number of switch operations





SERIES:  
FITTINGS FOR URBAN LIGHTING  
COMPARISON LED DEVICE WITH TRADITIONAL DEVICE



**PARCO LED 1**  
Die-cast aluminium appliance for LED lighting.  
Ideal for the lighting of small street, alley, parking  
and residential area.  
Pole height 3/4 m.

HLF MERCURY VAPOURS
8.000h
50W

LED
50.000h
28W



**DISCO LED 1**  
Stainless steel and polycarbonate appliance  
for LED lighting.  
Ideal for the lighting of park, garden  
and residential area.  
Pole height 3/6 m.

HLF MERCURY VAPOURS
8.000h
80W

LED
50.000h
30W



**PARCO LED 2**  
Die-cast aluminium appliance for LED lighting.  
Ideal for the lighting of small street, alley,  
parking  
and residential area.  
Pole height 3/4 m.

HLF MERCURY VAPOURS
8.000h
80W

LED
50.000h
45W



**DISCO LED 2**  
Stainless steel and polycarbonate appliance  
for LED lighting.  
Ideal for the lighting of park, garden  
and residential area.  
Pole height di 3/6 m.

HLI-T TUBULAR
8.000h
70W

LED
50.000h
60W



### VIA LED

Die-cast aluminium appliance for LED lighting. Ideal for the lighting of small street, alley, parking and residential area. Pole height 3/4 m.

<b>HLF MERCURY VAPOURS</b>
<b>8.000h</b>
<b>80W</b>

<b>LED</b>
<b>50.000h</b>
<b>41W</b>



### TN LED

Professional LED lightning fixture in aluminium. Ideal for lighting of tunnels, buildings, monuments and industrial areas.

<b>HLI-T METAL HALIDE VAPOURS</b>
<b>8.000h</b>
<b>250W</b>

<b>LED</b>
<b>50.000h</b>
<b>120W</b>



### STRADA LED 1

LED streetlight appliance in aluminium. Ideal for roads, parking and residential area. Pole height 6/8 m.

<b>HLI-T TUBULAR</b>
<b>8.000h</b>
<b>70W</b>

<b>LED</b>
<b>50.000h</b>
<b>60W</b>



### GIGA LED

Professional LED floodlight for the illumination of the advertising signs, monuments, internal and external areas.

<b>HLI-T METAL HALIDE VAPOURS</b>
<b>8.000h</b>
<b>250W</b>

<b>LED</b>
<b>50.000h</b>
<b>160W</b>



### STRADA LED 2

LED streetlight appliance in aluminium. Ideal for roads, parking and residential area. Pole height 9/12 m.

<b>HLI-T TUBULAR</b>
<b>8.000h</b>
<b>150W</b>

<b>LED</b>
<b>50.000h</b>
<b>160W</b>



### PLATAX LED

Compact waterproof fitting of nylon reinforced fibreglass. Suitable for public areas, halls, hotels, passages.

<b>INCANDESCENT</b>
<b>1.000h</b>
<b>60W</b>

<b>LED</b>
<b>50.000h</b>
<b>8,6W</b>

## Trading companies



**Relco Group Germany GmbH**  
Agnes - Pockels - Str. 9  
40721 - Hilden / Düsseldorf - Deutschland  
Tel. +49 (0) 2103 9119 5  
Fax +49 (0) 2103 9119 800  
Fax Buchhaltung +49 (0) 2103 9119 840  
e-mail: info@relcogroup.de



**RELCO Sud Ouest E.U.R.L.**  
ZAC DES CHENES DE TARABIE  
20, Rue Mollaret  
38070 Saint-Quentin Fallavier - Lyon - France  
Tel +33 (04) 7482 4090  
Fax +33 (04) 7482 4643  
e-mail: info@relcofrance.com



**RELCO Iberica ILUMINACION SLU**  
Passeig de Gracia nº 26-1 1º  
08007 - Barcelona - España  
Tel +33 474824096  
Fax +33 474826225  
e-mail: info@relcoiberica.com



**RELCO GROUP Nordic**  
Fabriksvangen 17  
3550 Slangerup - Denmark  
Tel. + 45 48186666  
Fax + 45 48186663  
e-mail: kv@relco-nordic.dk



**RELCO GROUP UK Ltd**  
Unit 2 Phoenix Court  
NN8 2QE Wellingborough - UK  
Tel. +44 1933 271472  
Fax +44 1933 274100  
e-mail: sales@relcogroupuk.co.uk



**VLM INDIA PVT. Ltd**  
B-215 Somdatt Chambers - I  
5 Bhika Ji Cama Place  
New Delhi 110 066 - India  
Tel. +91 11 4165 9860  
Fax +91 11 4165 9862  
e-mail: sales@vlm.in



**VLM (ASIA) LIMITED**  
Hong Kong Office  
Unit 1101, Fook Lee Comm. Ctr.,  
33 Lockhart Rd, Wanchai, HK  
Tel. +852 28239001  
Fax +852 25286816  
e-mail: sales@vlmasia.com



**RELCO GROUP**  
Via delle azalee, 6/A  
20090 Buccinasco - Milano - Italia  
Tel. + 39 02 488616.1 r.a.  
Fax + 39 02 45712270 r.a.  
web: www.relcogroup.com

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[www.leuci.it](http://www.leuci.it)