

# The LED lighting revolution

**PHILIPS**

sense and simplicity

Today LEDs are among the most efficient lighting sources available, and in the near future they will reach far beyond any competing technology and become the technology of choice for most applications. LED Lighting can help make cities more livable in many ways; besides energy efficiency, they create better learning conditions, safer living environments, more productive and healthier office spaces, a nicer shopping experience, and more.

**LIGHTING IS RESPONSIBLE FOR 19% OF THE WORLD'S ELECTRICITY CONSUMPTION**

**SURGING DEMAND FOR ENERGY AND RESOURCES**

**RISING ENERGY PRICES**

**CLIMATE CHANGE**

**SECURITY OF RESOURCE SUPPLY**

**ECONOMIC GROWTH**

**Global Switch to LED**

40% is global energy savings on average

80% project based energy savings with smart controls

**High Quality Light Emitting Diodes (LEDs)**

**Meaningful Lighting Innovations**

**Lighting accounts for 1.9 billion tons of CO2 emissions every year**

Equivalent to emissions from 70% of the world's passenger vehicles

**...a realized 40% energy saving on all current lighting will save**

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OR

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**€ 1,300 BILLION SAVING**

**128 billion euro reduced electricity cost**

**670 million tons of CO2**

**642 powerplants**

**LED Street Lighting trial**

9 in 10 city dwellers prefer LED in 4 cities

8 in 10 city dwellers feel safer with LEDs in 4 cities

**AT OFFICES**

**AT SCHOOLS**

**AT SHOPS**

LEDs show unlimited potential for livable cities (outdoors & indoors)

**Imagine Light + Intelligence**