

LED lighting advances across a broad application space in Europe (MAGAZINE)

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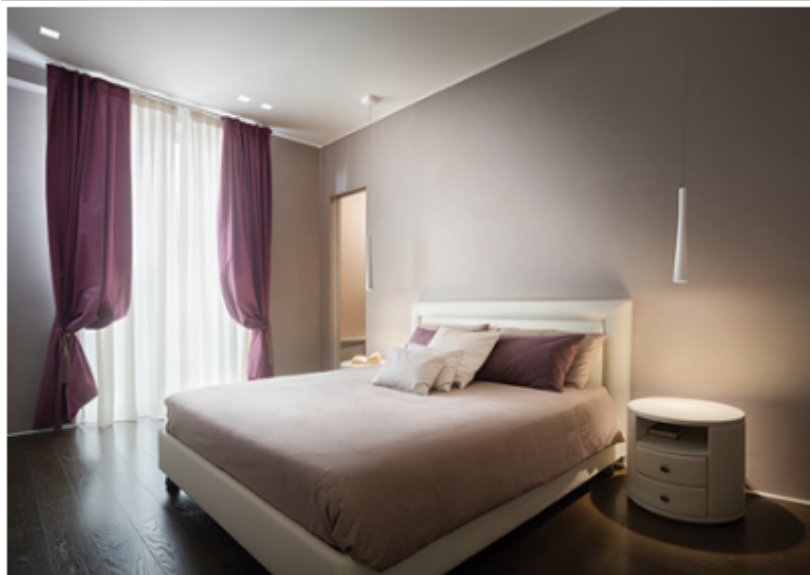
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The European region, both on the continent and in the UK, has been among the most aggressive global regions in adopting LED lighting. As this article will demonstrate, recent projects include standard outdoor lighting; elegant indoor architectural projects; compelling entertainment, artistic, and façade lighting; and the highest quality lighting for demanding settings such as retail and museums. MAURY WRIGHT compiles case studies including all European regions, making it clear that LED technology is no longer limited to regions with the most successful economies. Indeed, we include a project in Latvia and even one in North Africa - which is admittedly outside Europe but is in a city that has a decidedly European influence and vibe. Top designers from around the European region were behind these projects and lighting designers/specifiers everywhere, as well as solid-state lighting (SSL) product developers, will learn about the latest demands in the lighting sector.



Modern residential apartment in Milan



Residential LED lighting applications have largely centered on the traditional lamp form factor, although increasingly lighting manufacturers are truly leveraging small LED sources for all new designs. Buzzi & Buzzi has developed stylish fixtures that use replacement lamps and offer a choice of LED or legacy sources and others that are uniquely LED. The company supplied a variety of products in a residential apartment project in the Porta Garibaldi neighborhood of Milan, Italy, and that project showcases the breadth of LED technology available. Milan is arguably the style capital of Europe, and the design of the apartment certainly screams style. The stark and sleek kitchen is lit with recessed Mini Secret downlights with a white frosted glass diffuser. In the bedroom, lights above nightstands resemble long funnels, and in fact are called Funnel, and are suspended from the ceiling by a relatively long cable. The Funnel products can be dimmed for scene setting. In the bathroom, the company installed its Invisiled LED luminaire recessed in the walls and virtually hidden as a part of the architecture. Buzzi & Buzzi has also been innovative in its adoption of new materials for its luminaires. The products in the apartment project are made of the company's AirCoral material. The company says the material is eco-active, anti-polluting, anti-bacterial, and photocatalytic.