





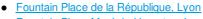
Lyon reduces its fountains' energy bills

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In the heart of Lyon city centre, five fountains are illuminated by LED. Entirely fitted with LEC lamps, they provide a magical water-lighting effect for locals and tourists alike:



• Fountain Place Maréchal Lyautey, Lyon

• Fountain Place Louis-Pradel, Lyon

• Fountain Place des Célestins, Lyon

• Fountain Place des Jacobins, Lyon



Energy savings achieved

• République : 32,000 kW/h annual savings, reducing bills to 1/9th of what it was.

• Célestins: 4,222 kW/h annual savings, reducing bills to 1/3rd.

• Maréchal Lyautey: 5,400 kW/h annual savings, reducing bills to 1/43rd.

Louis Pradel: 12,755 kW/h annual savings, reducing bills to 1/6th.



Figures provided by the City of Lyon.

Submersible LEC luminaires

LEC offers a wide range of lighting solutions, ideally suited to the constraints of public fountains. In Lyon, two sizes of submersible spotlights – powerful, economical and very longlife – have been installed:



• 4020 - Luminy 2



4040 - Luminy 4

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References - Sustainable development

Tags:

energy saving - fountain - IK10 -IP67 - IP68 - ip69 - thermal protection - water fixtures

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Technical constraints of fountains

Public fountains expose lamps to three major hazards in particular: water, furring and vandalism.

LEC submersible spotlights use the latest technology to withstand this tough environment:

- IP68 certification, a protection index for continuously immersed luminaires
- IK10 robustness (20 joules strength) thanks to a vandalproof window
- Special stainless steel coating to withstand aggressive fountain chemicals (chlorine, bleach, acid, water-softener, etc)



References



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Thermal protection to withstand temperature fluctuations, the spotlights automatically turn off if
overheating.

LEC also supports <u>sustainable development</u>. The company is ISO 14001 certified for its Environmental Management System relating to the manufacturing and sale of LED lights and product design in accordance with ISO/TR 14062.