

IsGreen *light*



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Opportunity

25% of the electricity consumption in professional buildings **is wasted** due to inefficient **lighting** management.

*“when the **space usability** is known,
equipment use can be adequately **managed**
with energy **savings**, local **comfort** and high **safety** levels”*

Solution – Comfort and Safety



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The System

- Works with any kind of sensors (API available)
- Incorporates real information about each sensor
- Generate events, warnings and alerts
- Predictive information about usability profiles
- Interacts with BMS and security systems

The Devices

- Fully automatic and autonomous
- Sensors and controllers completely wireless
- Working in multicast or broadcast
- Each one has particular rules and decisions

The Analytics

- Graphical information
- Several Benchmarks
- Automatic output to smart phone
- Consumption by equipment
- Outputs to another ERP or CRM

User benefits

Guaranteed instant comfort & savings!

	Philips	Osram	Easylux	IsGreen
Local Intelligence				✓
Usability algorithm (*) & People counter				✓
Self learning capability				✓
Wireless connection to the lamp		Zigbee		✓
Business Rules	with DALI/KNX			✓
Pre-sets OTA (over the air)				✓
Remote interaction via smart phone				✓
Real time monitoring	with DALI/KNX	with DALI/KNX		✓
Graphic and visual analytics				✓
Smart active security				✓

Comparative study, not exhaustive, using catalogues and websites from the different companies.

Philips "Professional Lighting Table – March 2015"; Osram "Lighting program 2014/2015"; "LIGHTIFY™ Professional"; Easylux - information from the website

Where we stand



- Certified according EU rules
- Prof of concept with great results in:
 - Office (63% of savings)
 - Parking (80% of savings)
 - Industry (40% of savings)
- Distribution through companies in :
 - Portugal (Lisbon and Oporto)
 - Spain (Valencia)
 - Brazil (Brasilia)
- Last but not least:
 - embeded in lighting fixtures
(licencing to lighting manufacturers)

Next step: go international

Europe

- Spain: Madrid, Barcelona
- Benelux
- UK: London
- Italy (tbc)

Brazil





- Brasilia (Visionic)
- Rio de Janeiro (Visionic)
- São Paulo (EDP)

Mozambique

- Maputo
- Beira (tbc)

Funding needed!

Thank you Any questions?

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