New generation smart lighting

Somerset Group
A Smarter Future. Today.
As Africa’s premier resource for green technology, we set the standard when it comes to providing energy, health and corporate philanthropy solutions designed to enhance and improve the lives of all Africans, today and in the future.

“Inasmuch as we have been tasked with the guardianship of Somerset, we realise that, as Somersetians, we are the conduits of good business and wealth, and have a social responsibility to all we come in contact with.”

– Henri Thompson Executive Chairman
The Somerset Group offers its clients leading technology and expertise when it comes to the design and implementation of all your industrial lighting requirements.

We offer state of the art next generation smart lighting that will reduce OPEX and contribute to a greener environment.
Not JUST lighting

Technical consultation
- Feasibility study
- Evaluation
- Funding support
- Project team
- Business plan

Design
- System design
- Optimisation
- ROI calculation
- Project costing
- Data analysis

Supply
- Solar panels
- System integration
- Heat pumps
- LED technology
- Smart metering

Installation maintenance
- Own installation teams
- After-sales services
- Monitoring systems
- Commissioning
- Maintenance contracts
Introducing the most versatile lighting solution...

EasyGo™ Smart LED+ Lighting

This Plug & Play wireless control solution is specifically designed to provide industry-grade IoT-based lighting controls that are reliable, automated, simple, efficient, and cost-effective.

**Less is more:**
Less to go wrong means less maintenance

**Industrial grade:**
One solution for all lighting applications

**Easy installation:**
Wireless Plug & Play, no down-time

**User-friendly:**
No training needed for end users

**Cost-effective:**
Compared to any other smart lighting solution
Examples of LED+ industrial and commercial lighting
What makes our products shine?

With EasyGo™ Smart LED+ lighting you get:

1. Great consumption – electricity savings of up to 90% compared to existing lights
2. Superior flexibility – you get the lighting you need
3. Easy installation – just plug and play
4. Absolute control – specified lighting on individual spaces
5. Longer life-span – less maintenance, management, investment cycles
6. Simple, cost-effective and easy-to-use solutions
Turnkey energy-saving LED+ lighting solutions

We implement sustainable energy-saving solutions for a maximum return on investment by focusing on three key areas.

**Affordability**
- Product and device costs
- Installation time and costs
- Maintenance costs

**Lighting solutions**
- Wireless Plug & Play solutions
- Automation (on/of, dimming, schedules, sensors, lock/unlock)
- Dimming from 0-100%

**Insurance and security**
- Local stock/R20 million
- Back to work warranty
- Quality products
Wireless remote control
LED+ solution

Automation
• Lighting schedules
• Sensor-based lighting control

Absolute control
• On/Off switch
• Dimming capability from 0-100%
• Lock/unlock lighting level

On/Off
• Existing switches
LED + SOLUTION – HIGH BAY 100W

1. 160lm/w
2. NW/CW
3. 60°/90°/120°
1. Plug & Play
2. Switch On/Off
3. Use Remote to Absolutely Control Lights
   a. ON/OFF
   b. 0-100% Dimming
   c. Lock / Unlock
4. Automation (Schedules, Sensors)
   is the same principle with remote control
What makes our solution different?

Old version smart lighting 2012 ~ 2017

Next Generation

EasyGoTM Smart Lighting 2018 ~

Wireless PWM Dimmer

Wireless 3-Steps Dimmer

Smart Server & Internet

IP / GPRS Gateway & Router
DSV LED+ solution – High Bay 100W

Before:  
120pcs 105W CFL lamp  
Hours: On 24/7

After:  
120pcs LED+ 100W High Bay light  
Hours: Mon - Fri: 06h00-17h00 at 100%  
Sat - Sun at 30%
Summary: EasyGoTM Smart LED+ lights vs other LED lights

**Initial investment:**

<table>
<thead>
<tr>
<th></th>
<th>Other LED lights</th>
<th>EasyGoTM Smart LED+ lights</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td>R384 000</td>
<td>R420 000</td>
<td>R36 000</td>
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</tbody>
</table>

**Operational costs:**

<table>
<thead>
<tr>
<th></th>
<th>Other LED lights:</th>
<th>EasyGoTM Smart LED+ lights:</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td>R1 155 180</td>
<td>R113 448</td>
<td>R-1 041 732</td>
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</tbody>
</table>

**Initial and operational cost per light**

<table>
<thead>
<tr>
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<th>Other LED lights:</th>
<th>EasyGoTM Smart LED+ lights:</th>
<th>Difference</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cost</strong></td>
<td>R12 826</td>
<td>R4 445</td>
<td>R-8 381</td>
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</tbody>
</table>

*Note: The above results are generated based on:
- Evaluation period: 5 years
- Electricity tariff: R1,80 (year on year increment of 10%)
  October 2019

Cost of each light: EasyGoTM Smart LED+ vs other LED lights

![Cost comparison chart](chart.png)
EasyGo™ Smart LED+ Lighting

The reliable and automated lighting system that lets you maximise your investment and minimise your operational costs.

Solutions and services (investment)                  Savings (return)

<table>
<thead>
<tr>
<th>Business models</th>
<th>Design</th>
<th>Solution</th>
<th>Maintenance</th>
<th>Labour and machines</th>
<th>LSP</th>
<th>Savings (electricity + main)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard (W)</td>
<td>SSP</td>
<td>Client</td>
<td>Client</td>
<td>SSP</td>
<td>X Client</td>
<td>-</td>
</tr>
<tr>
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<td>SSP</td>
<td>Client</td>
<td>Client</td>
<td>-</td>
<td>-</td>
<td>SSP</td>
</tr>
<tr>
<td>EMC (W)</td>
<td>SSP</td>
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<td>-</td>
<td>-</td>
<td>SSP</td>
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<tr>
<td>WOW*</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Designed for lease properties</td>
</tr>
</tbody>
</table>

SSP: Solution and Service Provider  
LSP: Lighting Service Package  
EMC: Energy Management Contract  
WOW: is wow
Contact us

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