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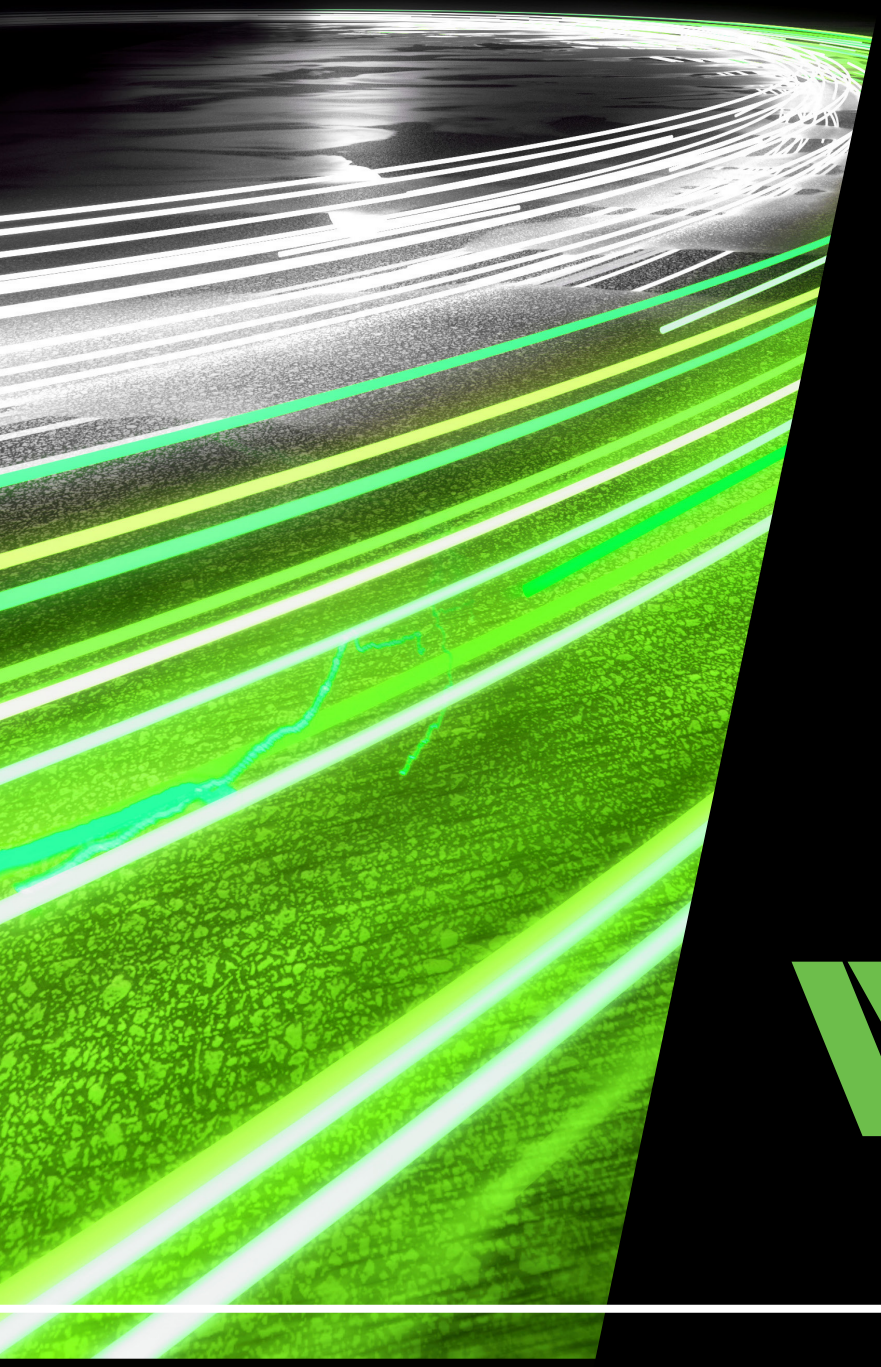

# Autonomous Street Lighting

Valled® Energy Solutions

Valled® Energy Solutions

Sustainable Street Lighting

# Sustainable Street Lighting

Valled products rely on cutting-edge technology when it comes to solar energy, lamps, energy storage and support structures for installation processes, with inviolable and anti-theft mechanisms developed by the company.

With experience in building and installing their own products, Valled is capable of developing mechanisms and technology that allow a more efficient and faster installation of light poles, anywhere in the world. Currently in a patenting phase, our equipment, created and developed specifically for our products, allow the placement of plug&play poles in any ground and condition, quickly and efficiently.

**Discover our product range.**

Energy forever.
Driven by the market's need for sustainable electric solutions with solar resources, Valled's founders, with over 20 years of experience in the electrical and industrial assemblage field, united all their knowledge and experience to build the company.
Certified by the ISO 9001 international standard, Valled adopts values of work ethic, discipline and competence in order to foster development.
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Longevity
Safety
Design
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# MAMUTE

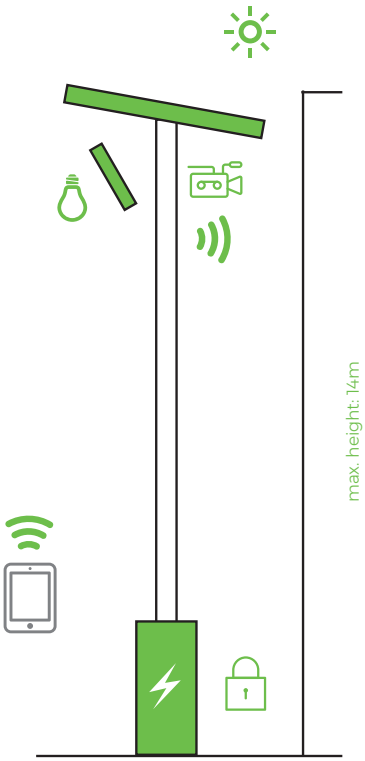
Sustainable lighting pole with different height settings and lamps available. It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system. It has an autonomy of 3 to 5 days with a 12-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

It includes arm for light fixture and the option to define its size.

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 100 to 300W |
| **INPUT VOLTAGE** | 24V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | Upon request |
| **MATERIAL** | Galvanized steel |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL143 MA CW | 14m | 300 W | BR froid (CW) | 21000 | 6000 |
| VL122 MA CW | 12m | 200 W | BR froid (CW) | 14000 | 6000 |
| VL101 MA CW | 10m | 100 W | BR froid (CW) | 7000 | 6000 |

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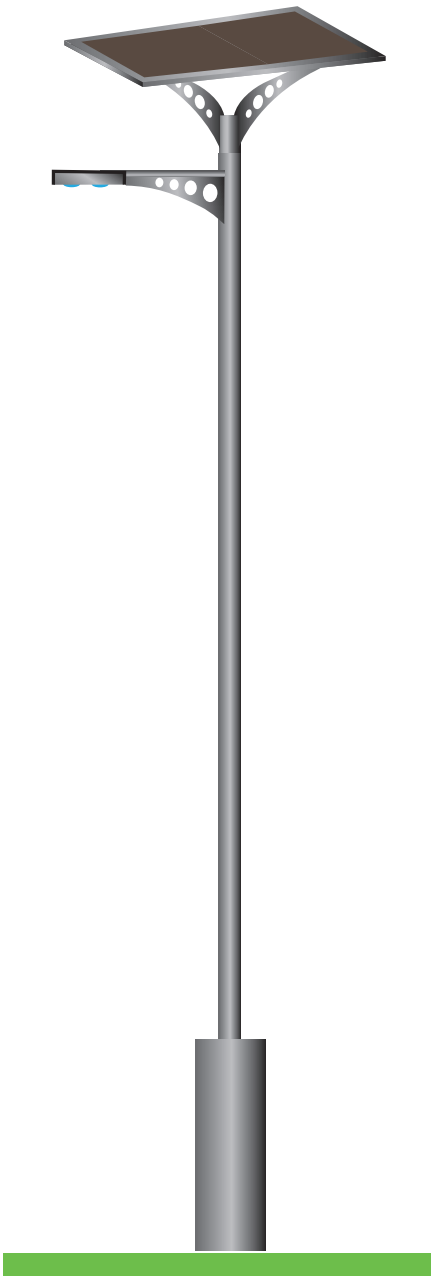
# GIRAFA



Sustainable lighting pole with different height settings and lamps available.

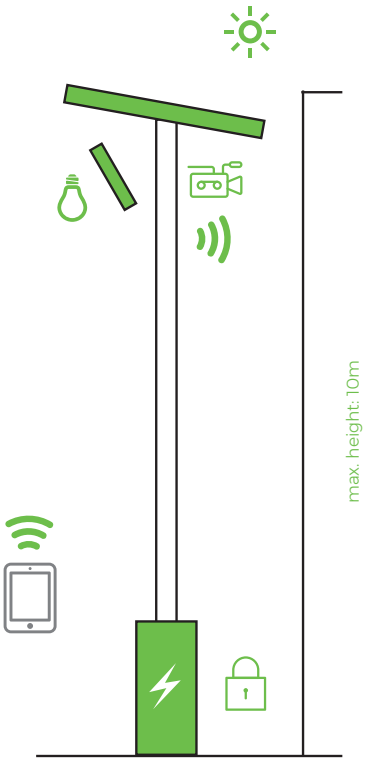
It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system.

It has an autonomy of 3 to 5 days with a 12-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 40, 60 and 80W |
| **INPUT VOLTAGE** | 24V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | Upon request |
| **MATERIAL** | Galvanized steel |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL1080 GI WW | 10m | 80 W | BR chaud (WW) | 6400 | 3000 |
| VL1080 GI CW | 10m | 80 W | BR froid (CW) | 8000 | 6000 |
| VL860 GI WW | 8m | 60 W | BR chaud (WW) | 4800 | 3000 |
| VL860 GI CW | 8m | 60 W | BR froid (CW) | 6000 | 6000 |
| VL640 GI WW | 6m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL640 GI CW | 6m | 40 W | BR froid (CW) | 4000 | 6000 |

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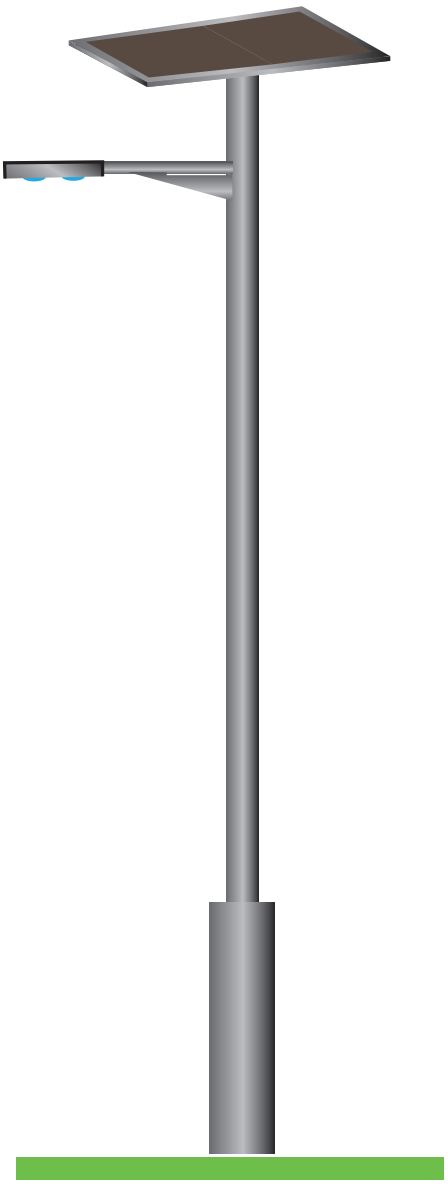
# GAZELA



Sustainable lighting pole with different height settings and lamps available.

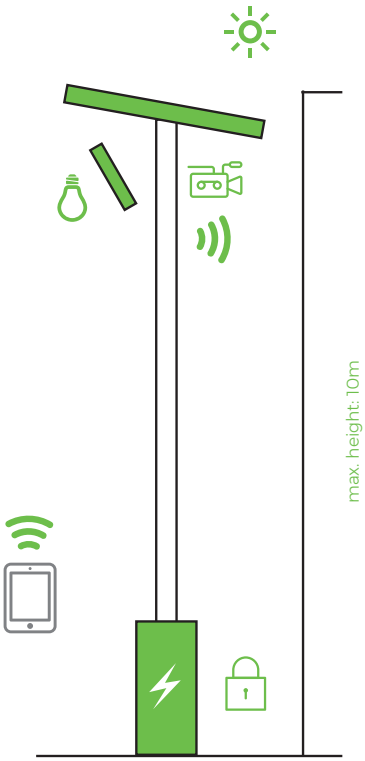
It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system. It has an autonomy of 2 to 3 days with a 10-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

It includes arm for light fixture and the option to define its size.

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 30, 40, 50, 60 and 80W |
| **INPUT VOLTAGE** | 24V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | Upon request |
| **MATERIAL** | Galvanized steel |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL1080 GA WW | 10m | 80 W | BR chaud (WW) | 6400 | 3000 |
| VL1080 GA CW | 10m | 80 W | BR froid (CW) | 8000 | 6000 |
| VL860 GA WW | 8m | 60 W | BR chaud (WW) | 4800 | 3000 |
| VL860 GA CW | 8m | 60 W | BR froid (CW) | 6000 | 6000 |
| VL640 GA CW | 6m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL640 GA CW | 6m | 40 W | BR froid (CW) | 4000 | 6000 |

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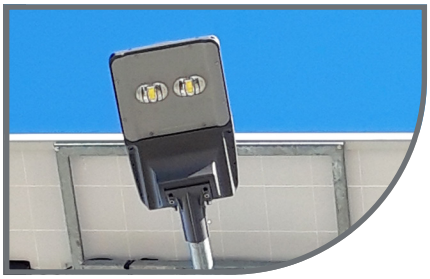

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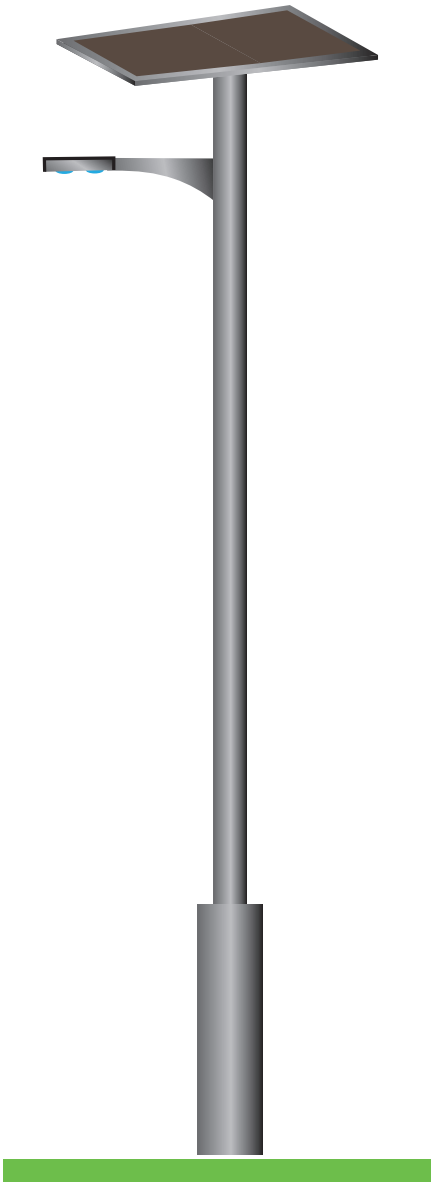
# SURICATA



Sustainable lighting pole with different height settings and lamps available.

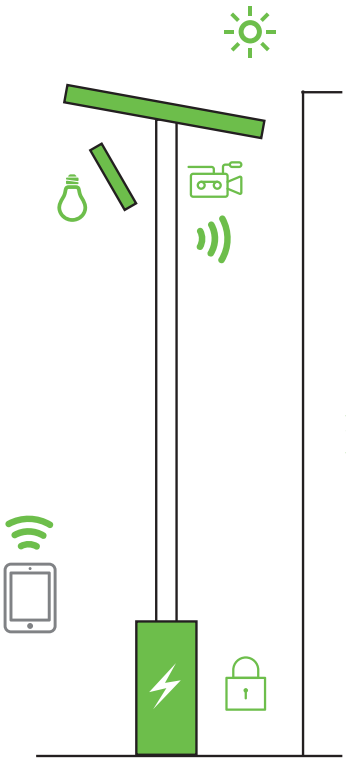
It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system. It has an autonomy of 2 to 3 days with a 10-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

It includes arm for light fixture and the option to define its size.

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 10 and 20W |
| **INPUT VOLTAGE** | 12V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | Upon request |
| **MATERIAL** | Galvanized steel |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL530 SU CW | 5m | 30 W | BR froid (CW) | 2300 | 6000 |
| VL520 SU CW | 5m | 20 W | BR froid (CW) | 1500 | 6000 |
| VL430 SU CW | 4m | 30 W | BR froid (CW) | 2300 | 6000 |
| VL420 SU CW | 4m | 20 W | BR froid (CW) | 1500 | 6000 |
| VL320 SU CW | 3m | 20 W | BR froid (CW) | 1500 | 6000 |
| VL310 SU CW | 3m | 10 W | BR froid (CW) | 750 | 6000 |

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# PICA-PAU

Available
Galvanized steel

Sustainable lighting pole with different height settings and lamps available.

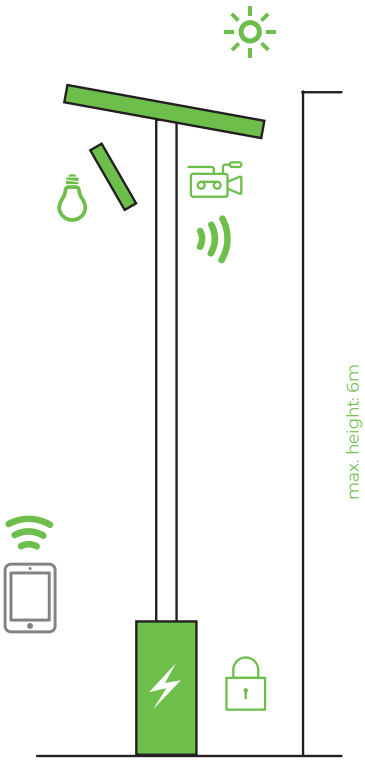
It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system. It has an autonomy of 2 to 3 days with a 10-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

It includes arm for light fixture and the option to define its size.

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 30 and 40W |
| **INPUT VOLTAGE** | 24V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | Upon request |
| **MATERIAL** | Pine spruce treated |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL640 PP WW | 6m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL640 PP CW | 6m | 40 W | BR froid (CW) | 4000 | 6000 |
| VL540 PP WW | 5m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL540 PP CW | 5m | 40 W | BR froid (CW) | 3200 | 6000 |
| VL430 PP WW | 4m | 30 W | BR chaud (WW) | 2400 | 3000 |
| VL430 PP CW | 4m | 30 W | BR froid (CW) | 3200 | 6000 |

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# CANGURU

Sustainable lighting pole with different height settings and lamps available.

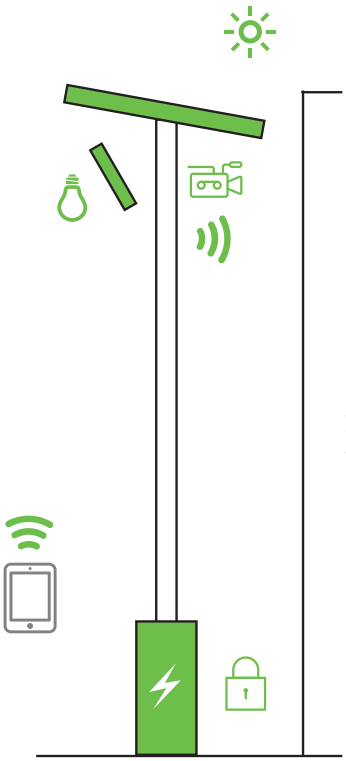
It is composed of a shaft, lamp, photovoltaic panels, batteries, charge regulator and lighting control system. It has an autonomy of 2 to 3 days with a 10-hour daily use.

The dimensions of the panels, batteries and charge regulator are calculated according to the installation site, type of use and operating conditions (temperature and humidity).

It includes arm for light fixture and the option to define its size.

| | |
|---|---|
| **CHIP** | Upon request |
| **CRI (Colour Rendering Index)** | > 70% |
| **POWER** | 30 and 40W |
| **INPUT VOLTAGE** | 24V DC |
| **OPERATING TEMPERATURE** | -20°C + 60°C |
| **PROTECTION LEVEL** | IP 65 |
| **LIGHT LOSS** | Less than 1% for every 3000 hours of continuous operation |
| **LENS BEAM ANGLE** | 120° |
| **MATERIAL** | Galvanized steel |
| **DIMENSIONS (mm)** | Upon request |
| **WEIGHT (Kg)** | Upon request |
| **DURATION** | 35000 a 50000h |

| REF. | HEIGHT | POWER | COLOR | LUMINOUS FLUX (LF) | COLOR TEMPERATURE |
|---|---|---|---|---|---|
| VL640 CA WW | 6m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL640 CA CW | 6m | 40 W | BR froid (CW) | 4000 | 6000 |
| VL540 CA WW | 5m | 40 W | BR chaud (WW) | 3200 | 3000 |
| VL540 CA CW | 5m | 40 W | BR froid (CW) | 3200 | 6000 |
| VL430 CA WW | 4m | 30 W | BR chaud (WW) | 2400 | 3000 |
| VL430 CA CW | 4m | 30 W | BR froid (CW) | 3200 | 6000 |

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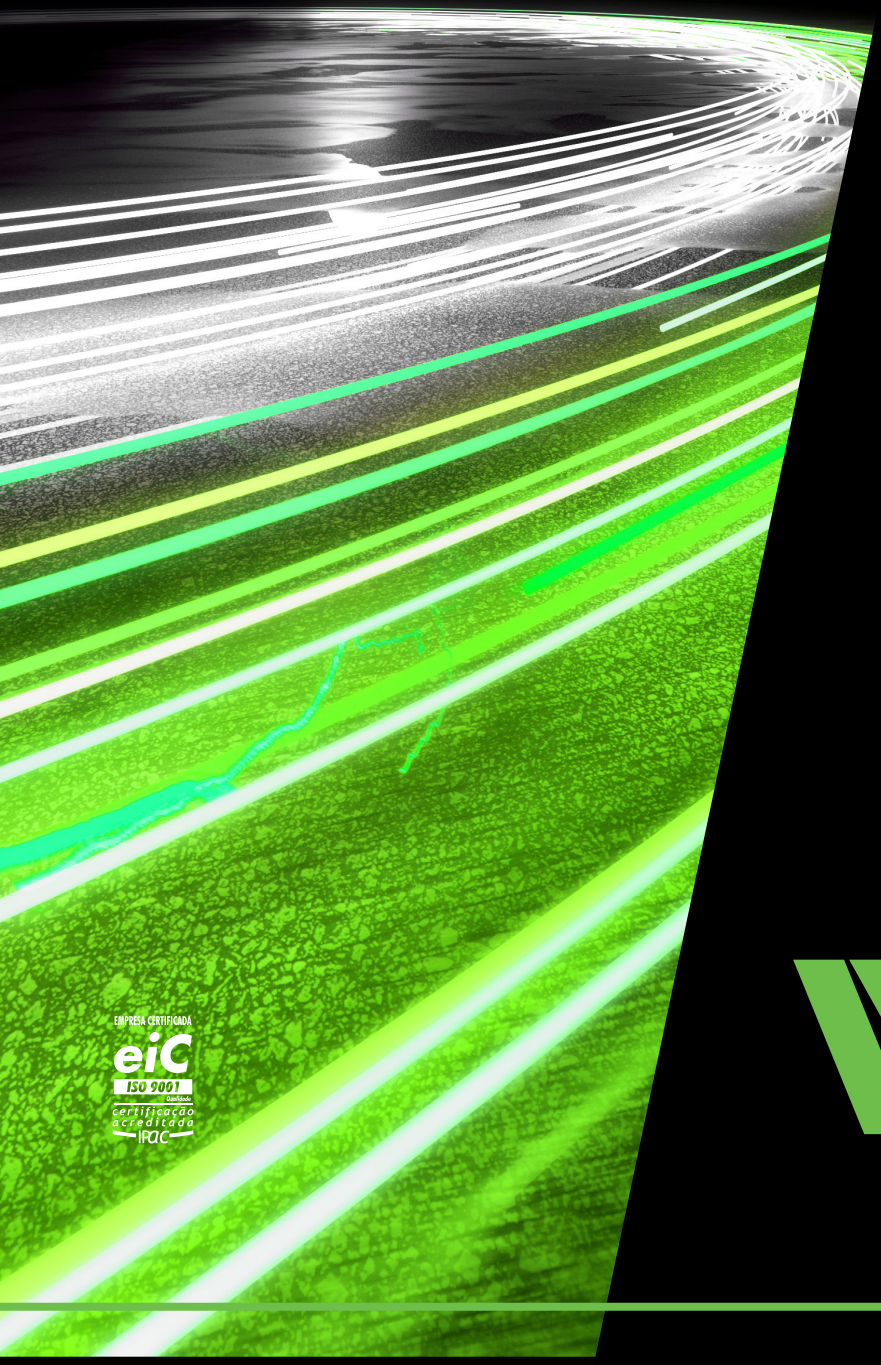

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