



Maxima Solar Street Light

What you plant on side of road is not only Solar Street Lights, but also Maxima.Solar



MAXIMA SOLAR STREET LIGHT  
-----FOLDABLE ALL IN ONE



MAXIMA SOLAR STREET LIGHT  
-----FOLDABLE ALL IN ONE  
IN THE BEAUTIFUL PALM ISLAND



## *Foldable ALL IN ONE*

Solar panel could rise up and fold, which is better for solar panel face the sun direction in both side of road.

Good heat dissipation: Separated Solar Panels can shade lamp body, they will not conduct heat to each other, makes the lamp body cool, enlarge lifespan and efficiency of battery and LED source.

Easier installation-no power required, no cables required, 2 mounting step

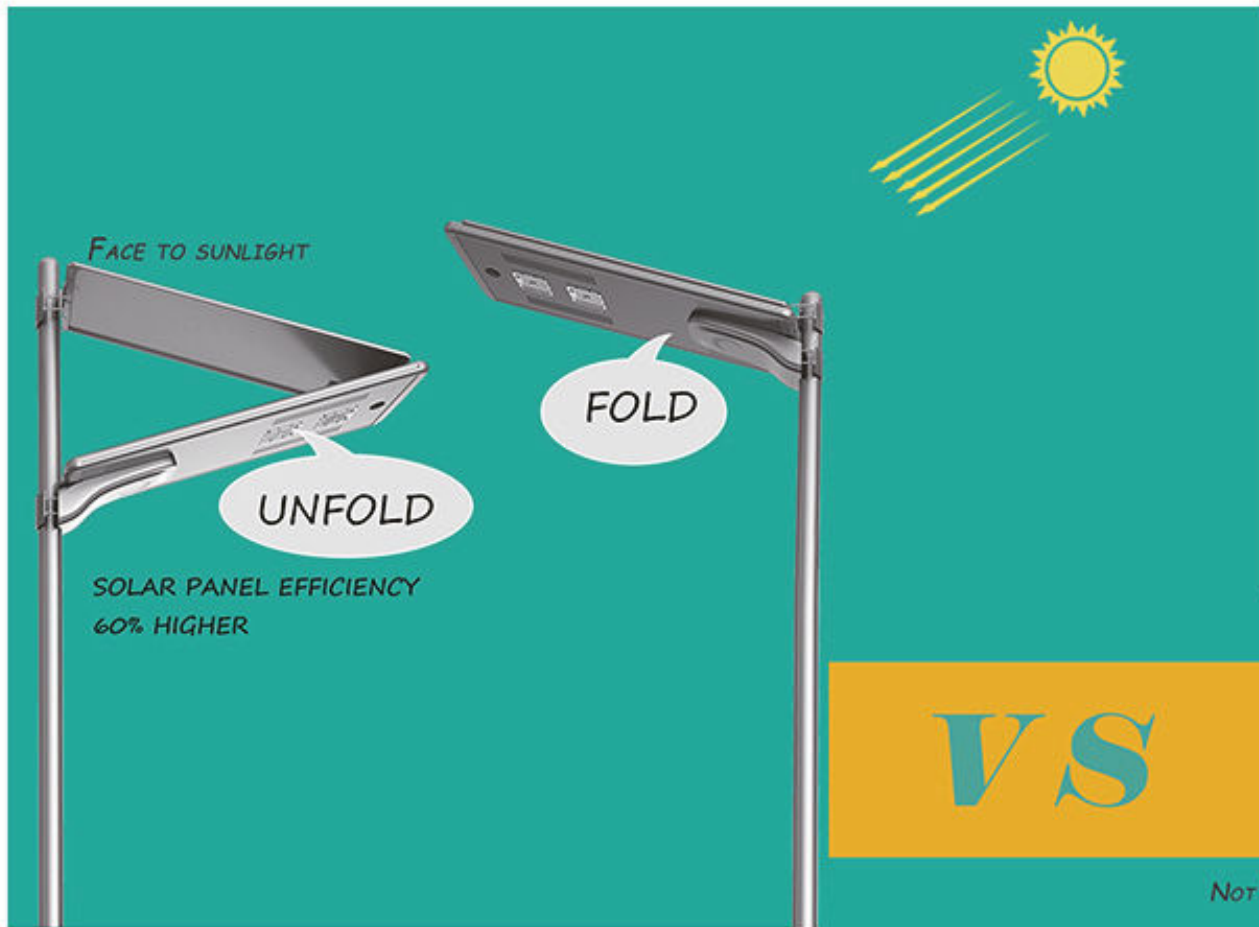


MAXIMA SOLAR LIGHTS



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# 01

## MAXIMA

Solar Panel Face To Sunlight

VS



SOLAR PANEL COULD RISE UP AND FOLD,  
WHICH IS BETTER FOR

SOLAR PANEL FACE THE SUN DIRECTION  
IN BOTH SIDE OF ROAD.

## BETTER HEAT DISSIPATION—ENLARGE LIFESPAN

SOLAR PANEL IS 90 °C IN SUMMER, SEPARATED HOT SOLAR PANEL WILL SHADE LAMP BODY AND NOT CONDUCT HEAT TO BATTERY AND LED, MAKES IT COOL



# 01 MAXIMA

Batter Heat Dissipation

Die-casting Aluminum  
FASTER HEAT DISSIPATION, LONGER LIFESPAN



# 01 MAXIMA

Solar Panel is Wider

We use: High efficiency  $>21\%$   
solar cell size:  $156\text{mm} \times 156\text{mm}$



120W  
Foldable ALL IN ONE

VS

Normal: efficiency only  $15\% \sim 16\%$   
solar cell size:  $125\text{mm} \times 125\text{mm}$



120W  
Normal ALL IN ONE

**Solar panel is wider, larger wattage is an ensurance of brightness and longer backup time**

# 01 MAXIMA

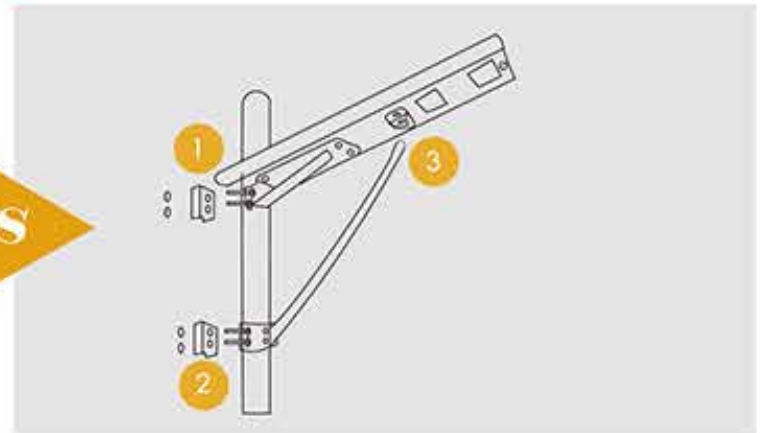
Easier Installation



EASIER INSTALLATION-NO POWER REQUIRED, NO CABLES REQUIRED,  
2 MOUNTING STEP.



### 3 MOUNTING STEP





# 01 MAXIMA

Customizable Pattern





VS



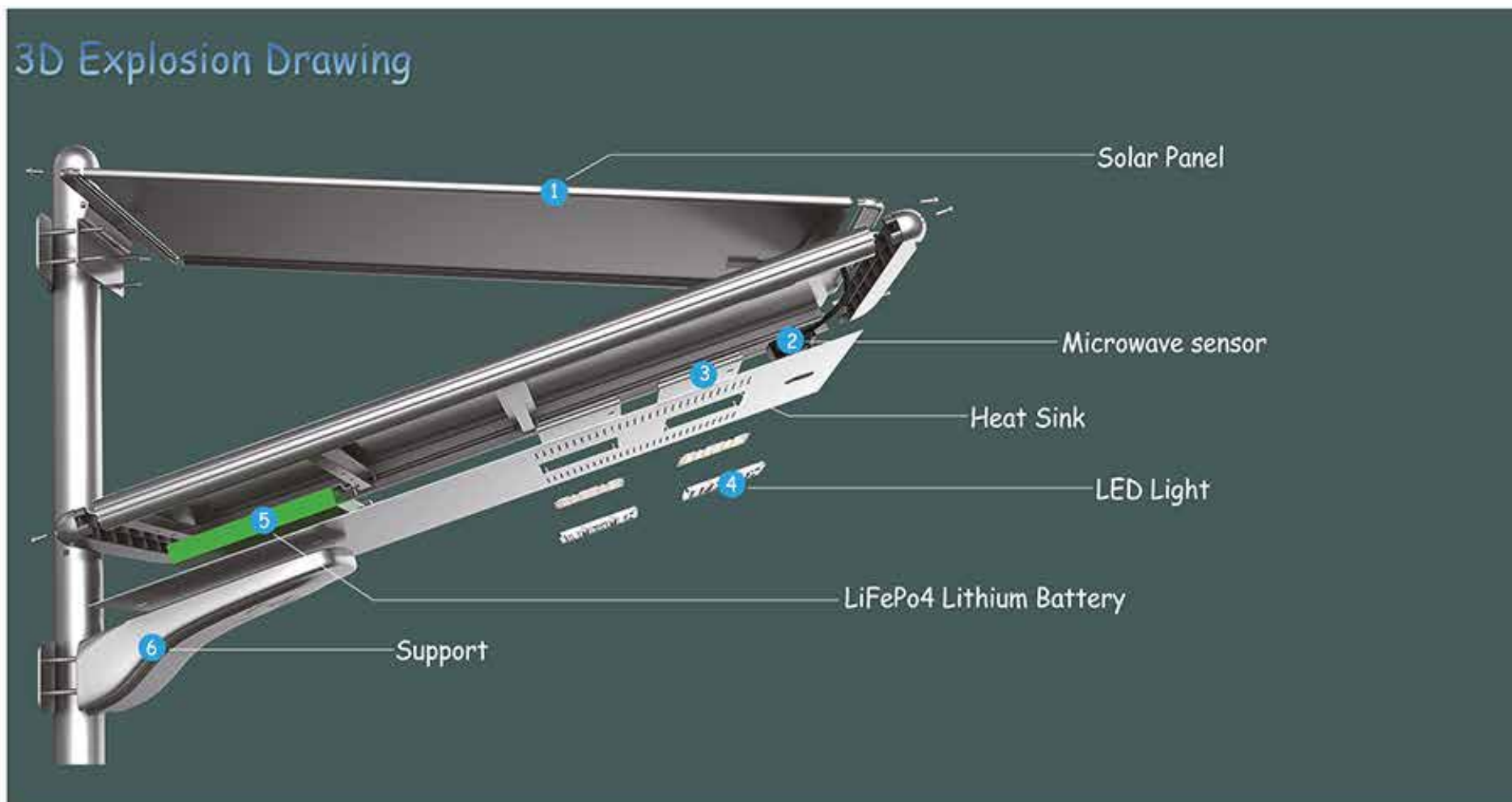
# 01 MAXIMA

Compatible with any pole size

***Foldable all in one is compatible with pole diameter 40-115 mm (suggest 76mm)***  
***Other solar light can only fit to specific pole diameter***

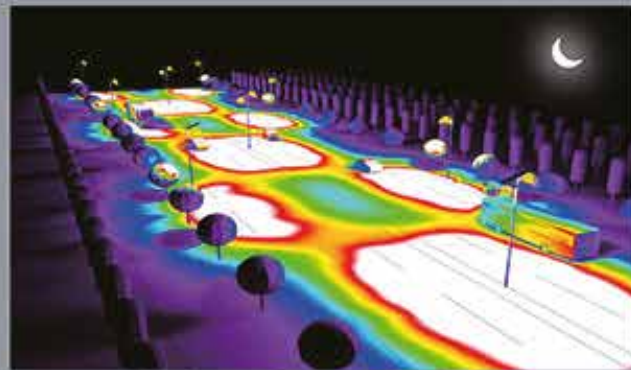
# 02 MAXIMA

3D Explosin Drawing



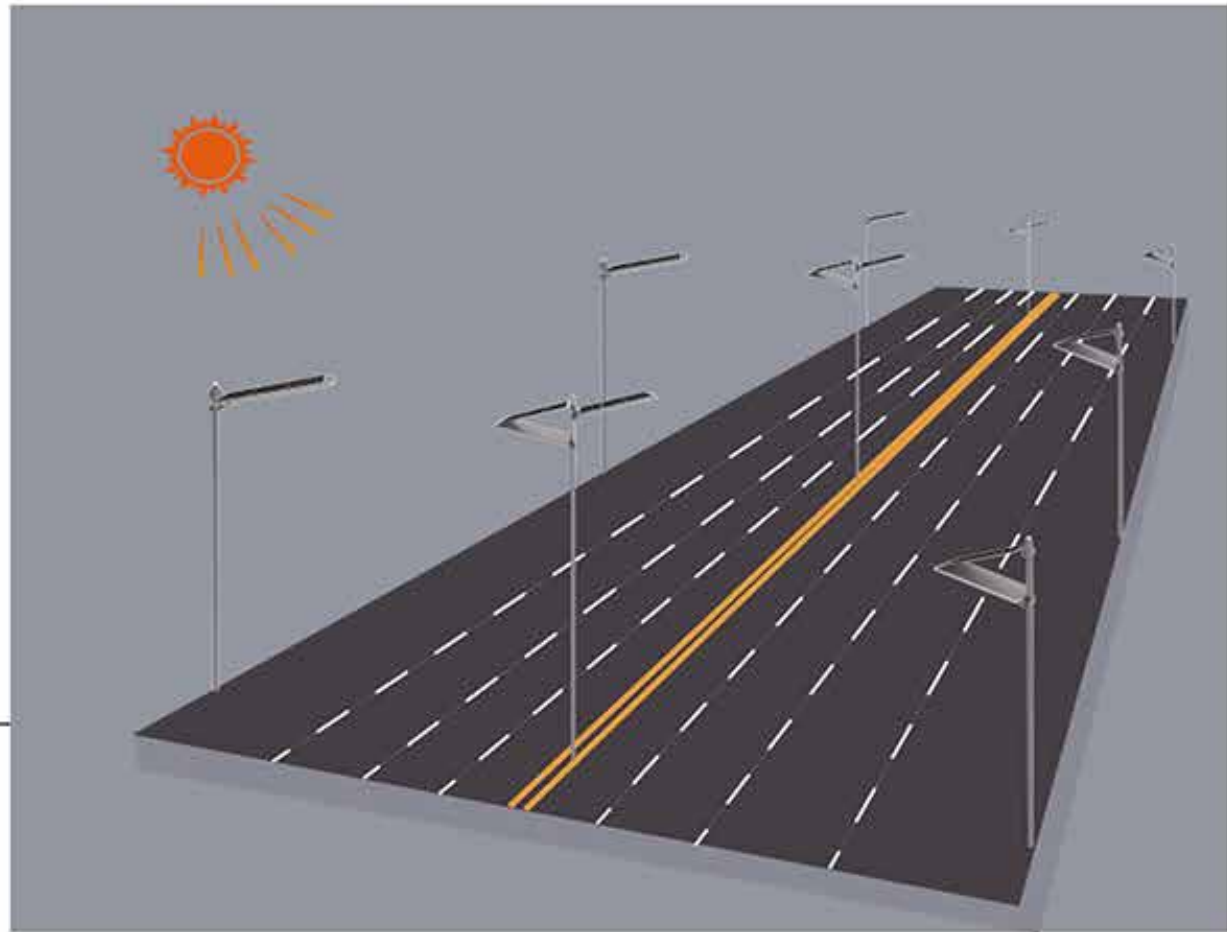
# 02 MAXIMA

3D Photometric Simulation



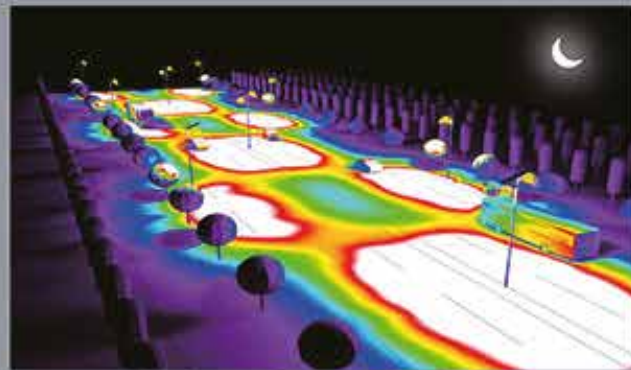
Night / False Color Rendering

## 3D Photometric Simulation



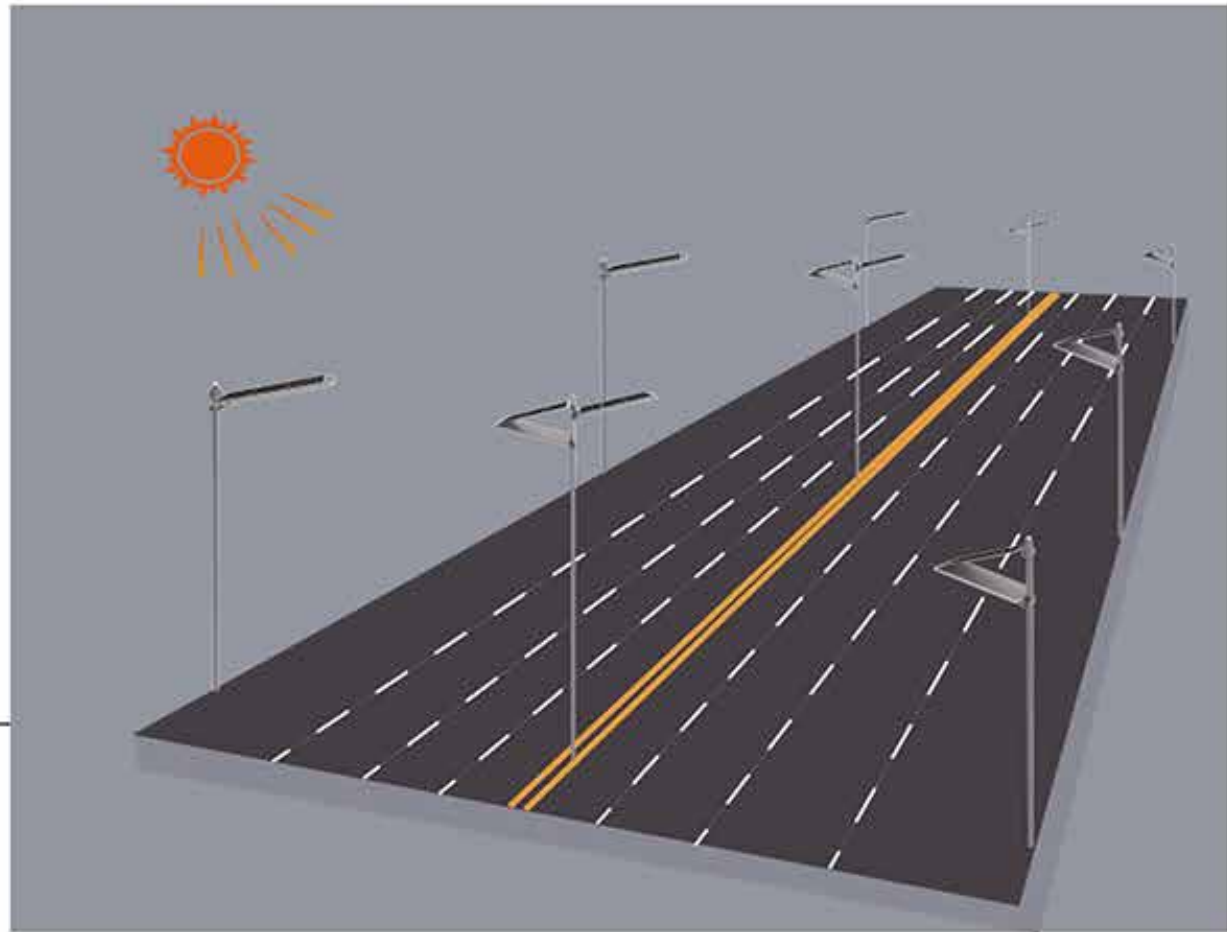
# 02 MAXIMA

3D Photometric Simulation



Night / False Color Rendering

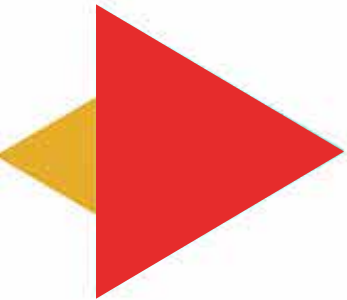
## 3D Photometric Simulation



# 02 MAXIMA

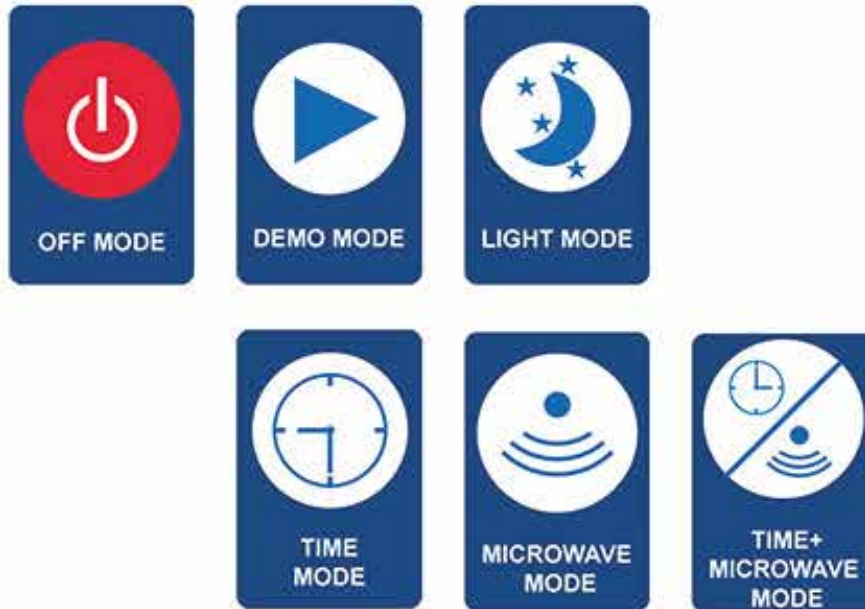
Dialux Simulation





# 03 MAXIMA

Working Modes



## 4 working modes can be chosen from:

- L: 100%-1hr, 70%-3hrs, 20% till dawn. (Timing Mode)
- T: 100%-2hrs, 70%-2hrs, 50%-2hrs.
- U: 100%-2hrs, 70%-2hrs, 50%-2hrs, sensor working 50%, if people come close, 20% far away.
- M: 100% if people come close, 30% far away. (Sensor Mode)

## Mode M

### Sensor Lighting Mode



## Mode L

### Timing Lighting Mode



# 03 MAXIMA

Working Modes



04 Product 1  
**MAXIMA**



**04** MAXIMA  
Product 2



# 04 MAXIMA

Testing in Sunny Days



# 04 MAXIMA

Testing in Sunny Days



# 04 MAXIMA

project photos 1



*HIGH-SPEED WAY PROJECT IN CAPE TOWN SOUTH AFRICA*

# 04 MAXIMA

project photos 2



# 05 MAXIMA

Package

## Package--Neutral Carton Box

	<i>ML-PALM-40</i>	<i>ML-PALM-64</i>	<i>ML-PALM-100</i>	<i>ML-PALM-120</i>
<i>Size (cm)</i>	<i>72x61x25</i>	<i>102x61x25</i>	<i>140x61x25</i>	<i>168x61x25</i>
<i>CBM /Carton</i>	<i>0.1098</i>	<i>0.15555</i>	<i>0.2135</i>	<i>0.2562</i>
<i>Set/20GP 25CBM</i>	<i>220</i>	<i>150</i>	<i>100</i>	<i>90</i>
<i>Set/40GP 54CBM</i>	<i>480</i>	<i>340</i>	<i>240</i>	<i>200</i>
<i>Set/40HQ 68CBM</i>	<i>610</i>	<i>420</i>	<i>310</i>	<i>250</i>

## PACKAGING DIAGRAM



# 05 MAXIMA

4 type

