

eco-smart

Revolutionizing how cities illuminate their streets while enhancing energy efficiency. Building a smart, sustainable infrastructure that supplies communities with safe, renewable energy that is affordable and reliable.



PRODUCT CATALOG

Brought to you by:
Eco-\$mart, Inc.
www.eco-smart.com

SOLPOL SOLAR SMART STREETLIGHTS

The closed and compact construction of our smart streetlights offer reliable performance, even under extreme climatic conditions. All models have PV wrapped around the pole.



PERFORMANCE LINE
Standard Model

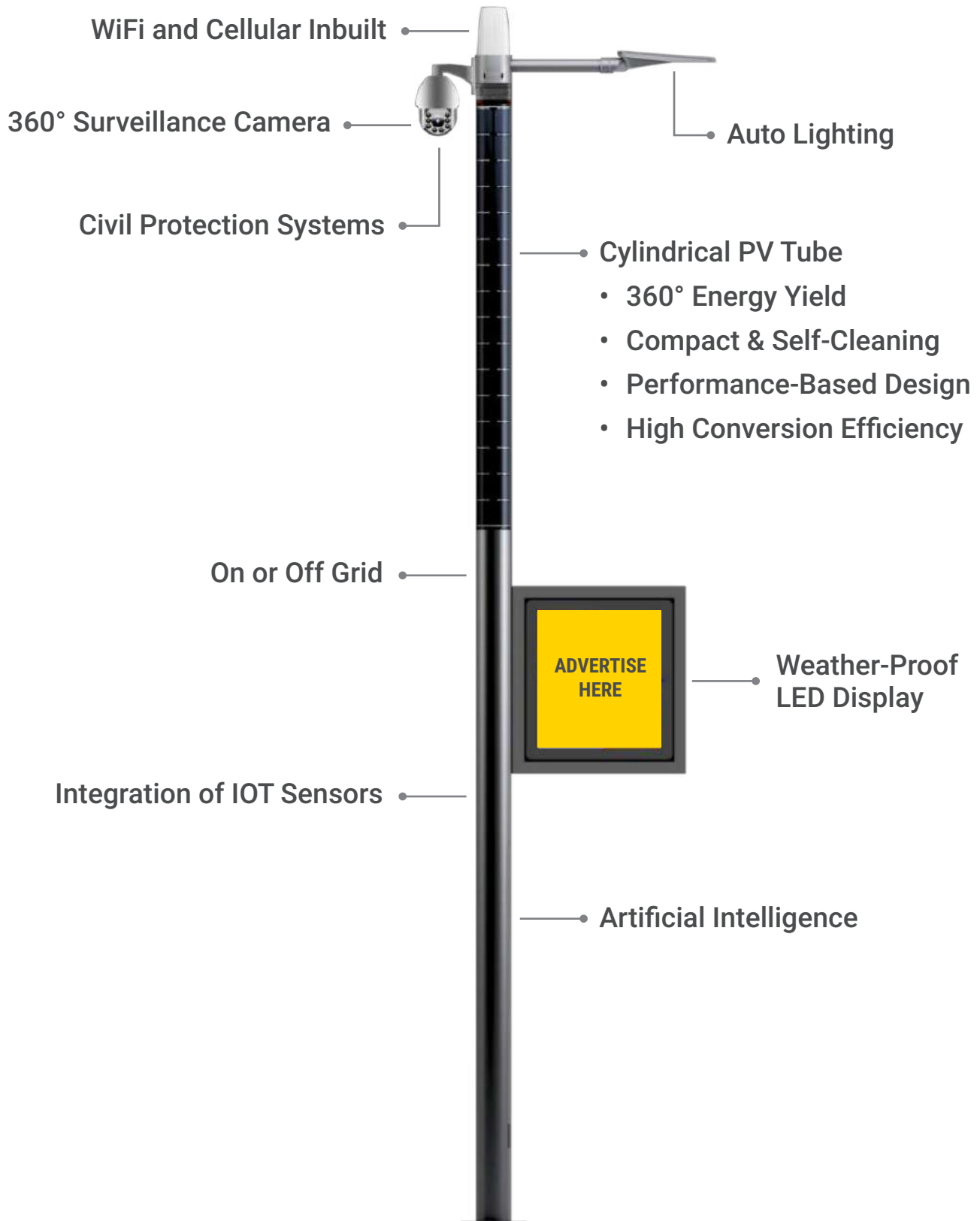


PREMIUM LINE
Excel Model



DECORATIVE LINE
Regal Model

FEATURE OVERVIEW



German-Engineered

STANDARD MODEL Description



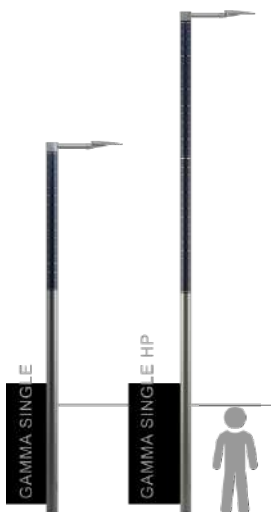
STANDARD SINGLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Galvanised ASSY 6,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
Colour: silver brilliant Class II
Batteries increased warranty 5 years
20 years anti corrosion warranty under C5m conditions
Solar Street light controller Solar v2 for every LED
Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield (360°)
Luminaire incl. Fixture 1,5m
60W Dimmable / 45 LUMILEDS / TC 4 000 K; Lumen output 10365 lm



STANDARD DOUBLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Galvanised ASSY 8,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
Colour: silver brilliant Class II
Batteries warranty 5 years
20 years anti corrosion warranty under C5m conditions
Pole color : RAL9005
Solar Street light controller Solar v2 for every LED
Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield
Luminaire incl. Fixture 2x1,5m
2x60W Dimmable / 2x46 LUMILEDS / TC 4 000 K; Lumen output 2x10365 lm



STANDARD HP SOLAR STREETLIGHT

Mast silvermetallic assembled
Batteries increased warranty 5 years
Mast Silver ASSY 8,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
LiFePO4 batteries inserted into the pole
Solar Street light controller Solar v2
Colour: silver brilliant Class II
20 years anti corrosion warranty under C5m conditions
Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield
Double Luminaire incl. Fixture 2m
120W Dimmable / 56 LUMILEDS / TC 4 000 K; Lumen output 19454 lm

EXCEL MODEL

Description



EXCEL SINGLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Galvanised ASSY 6,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing Colour: silver brilliant Class II
Batteries increased warranty 5 years
Solar Street light controller Solar v2 for every LED Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield (360°)
Luminaire Assembled
48 LUMILEDS / TC 4 000 K; Lumen output 10365 lm



EXCEL DOUBLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Galvanised ASSY 8,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
Colour: silver brilliant Class II
Batteries increased warranty 5 years
20 years anti corrosion warranty under C5m conditions
Solar Street light controller Solar v2 for every LED Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield (360°)
Luminaire Double Assembled
2x48 LUMILEDS / TC 4 000 K; Lumen output 2x10365 lm



EXCEL HP SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Galvanised ASSY 8,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
Colour: silver brilliant Class II
Batteries increased warranty 5 years
20 years anti corrosion warranty under C5m conditions
Solar Street light controller Solar v2 for every LED Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield (360°)
Luminaire Double Assembled
96 LUMILEDS / TC 4 000 K; Lumen output 21,061 lm

REGAL MODEL

Description



REGAL SINGLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Silver ASSY 7,5m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
LiFePO4 batteries inserted into the pole
Solar Street light controller Solar v2
Colour: silver brilliant Class II
20 years anti corrosion warranty under C5m conditions
Batteries warranty 3 years
Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield
ASSEMBLED LUMINAIRE
60W Dimmable / 27LUMILEDS / TC 4 000 K; Lumen output 8400 lm



REGAL DOUBLE SOLAR STREETLIGHT

Mast silvermetallic assembled
Mast Silver ASSY 9m
Pole steel hot-dip galvanized with dust electrostatic coating with C5m finishing
LiFePO4 batteries inserted into the pole
Solar Street light controller Solar v2
Colour: silver brilliant Class II
20 years anti corrosion warranty under C5m conditions
Batteries warranty 3 years
Modul 180
PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield
DOUBLE ASSEMBLED LUMINAIRE
2x60W Dimmable / 2x27LUMILEDS / TC 4 000 K; Lumen output 2x7400 lm

OMEGA MODEL**Description****Price****OMEGA SOLAR STREETLIGHT**

Mast silvermetallic assembled

Mast Galvanised ASSY 6,5m

Pole steel hot-dip galvanized with dust electrostatic coating with C3 finishing

Colour: silver brilliant Class II

Batteries increased warranty 5 years

Solar Street light controller Solar v2 for every LED

Modul 180

PV64 mono cristalline silicon cells (efficiency>23%), multi-directional energy yield (360°)

LED Unit Alpha 60W

36 LED Cree; 3000K; CRI>70

Note:

Additional fee applies for wind turbine, WiFi, camera, and additional solar modules as required by project design. Eco-\$mart offers free lighting design and energy analysis for each project.

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