Solar Wrap
isolar LED Street Lighting System
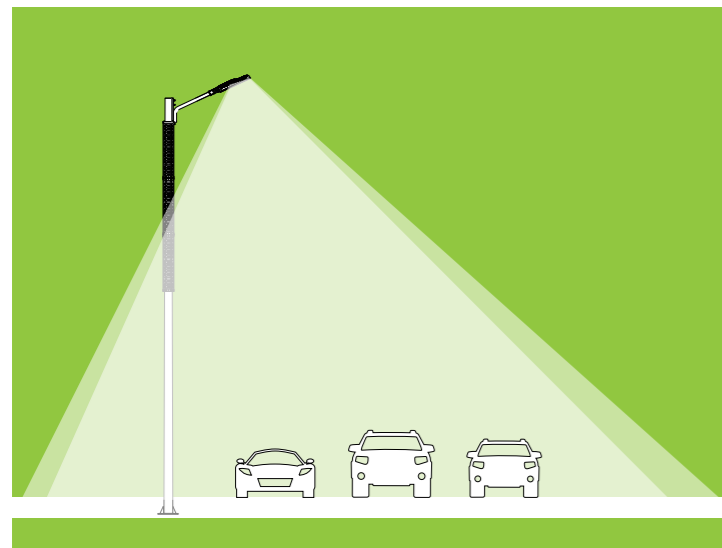
CE | IP 66

Solar Wrap can be used in any type of poles and designs without dismantling. 6 slim solar panels are fixed tightly on a hexagon frame to ensures 50% of solar panel face to sunshine at any time of the day. It can be quickly and easily mounted on any suitable pole. The aesthetics design makes it easy maintenance and easy to clean.

360° Full Day
Charging. 6 slim solar panels are fixed tightly on a hexagon frame. So it ensures 50% of solar panel will face to sunshine at any time of the day.

Universal Application
Solar Wrap can be used in any type of poles without dismantling.

Modular Installation
This solar cylinder module is based on modular design concept for easy installation.

wind resistant

Strong Wind Resistance
The cylindrical design reduces wind resistance, and each module is directly fastened to the pole by 12 screws for strong wind resistance.
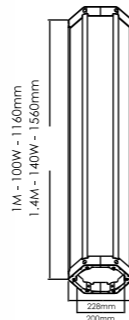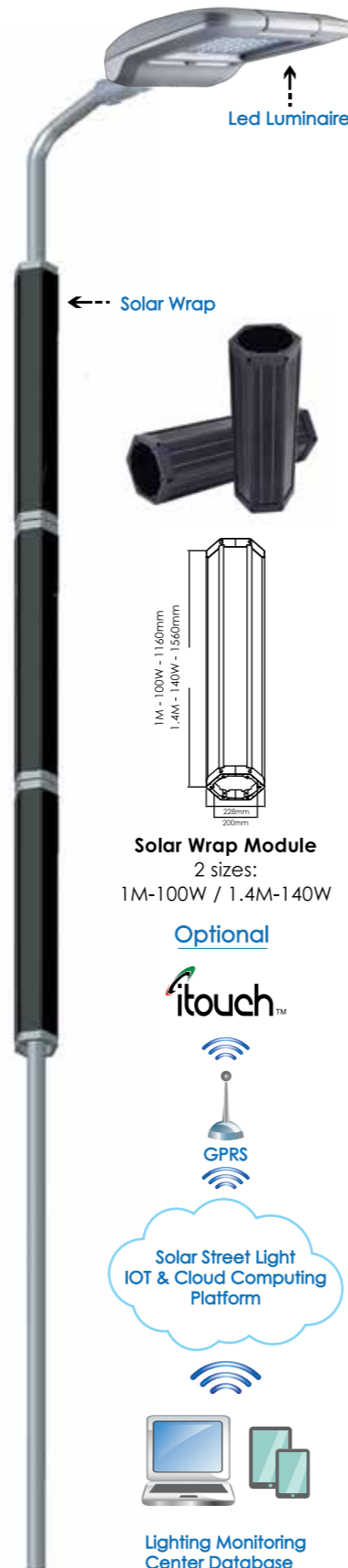
Anti Snow
Solar cylinder modular mounted vertically not easy to be covered by snow. Power can be generated even in snowy climate.

Self Cleaning inano
Inano Technology self cleaning to repel dust dirt, air borne pollution insects, smog, haze & etc.

Led Luminaire

Solar Wrap

1M - 100W - 1160mm
1.4M - 140W - 1560mm
228mm
200mm

Solar Wrap Module
2 sizes:
1M-100W / 1.4M-140W

Optional

itouch™

GPRS

Solar Street Light
IOT & Cloud Computing Platform

Lighting Monitoring Center Database

System Data	
Solar panel	Monocrystaline
Colors	Grey. Other RAL colors on request
Day of autonomy	> 2 days (Raining days)
Pole height	6 - 12m base on requirement
Charging time	6 hours
Discharge time	> 12 hours / night
Fixtures	
Finishing	Grey. Other RAL colors on request
Material	Aluminium alloy
Light distribution	Type II, Type III, Type IV
Color temperature (CCT)	3000K - 6000K
Efficacy range	120 ~ 150 lm/w
Color rendering (CRI)	≥ 70
Mounting	Pole installation
Controller	
Standard mode	12 hours (4 hours 100%, 2 hours 60%, 6 hours 40%)
Optional	
Upon request	Full power, sensor & preset dimming
	itouch remote monitoring system

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Gruppe Alfa
(30W ~ 180W)

Gruppe Percorso III
(30W ~ 180W)

Standard Mode: 12 hours (4 hours 100%, 2 hours 60%, 6 hours 40%)					
Optional: Full Power, Sensor and preset dimming available upon request					
No.	ALFA	PERCORSO III	Wattage	Lithium Battery	Solar Panel
1	ALF03040	N/A	30W	365Wh	100W
2	N/A	PE304030	40W	486Wh	100W
3	ALF06040	PE306030	60W	730Wh	140W
4	N/A	PE308030	80W	973Wh	2 x 100W
5	ALF09040	N/A	90W	1100Wh	2 x 100W
6	N/A	PE310030	100W	1216Wh	2 x 100W
7	ALF12040	PE312030	120W	1460Wh	100W + 140W
8	ALF15040	PE315030	150W	1830Wh	2 x 140W
9	ALF18040	PE318030	180W	2189Wh	100W + (2 x 140W)