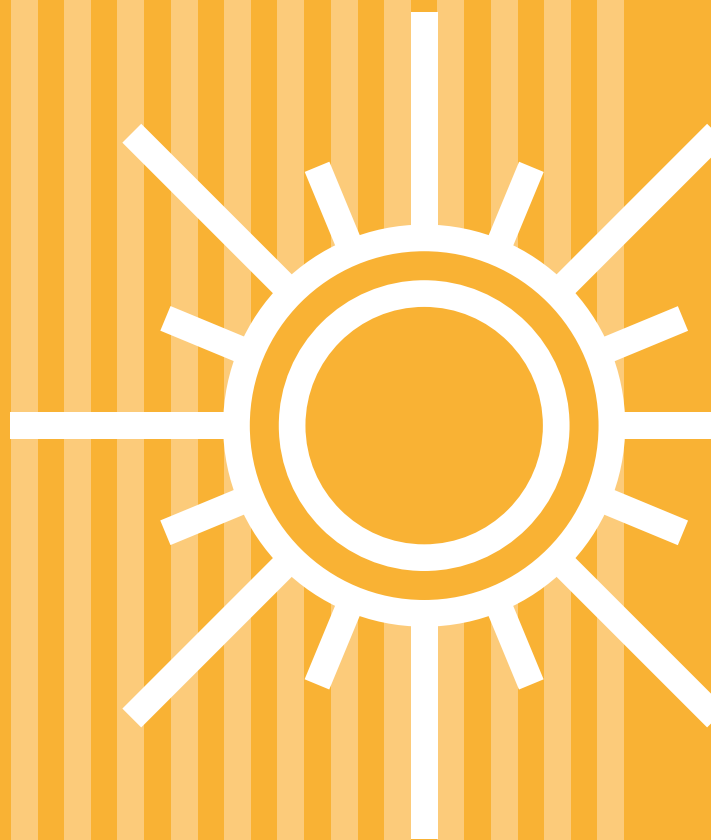




FLUS2IRARI

SOLAR POWERED STREETLIGHTS

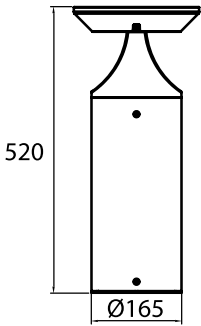
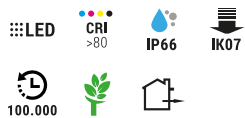


TOHR

Off grid solar powered
connectivity, no power outages,
no monthly electric bills.



TOHR

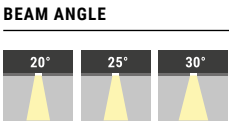


DRIVER OPTIONS		CCT OPTIONS		COD.	POWER	LUMEN	SOLAR PANEL	BATTERY CAP.	B. ANGLE	DIM./SIZE (mm)
OF	On/Off	3000K	Warm white	41349003	3W	430 lm	5W	38.4Wh	20°/25°/30°	249 x 51 x 520 h
		4000K	Neutral white	41350003	3W	430 lm	5W	38.4Wh	20°/25°/30°	249 x 51 x 920 h
		5000K	Cold white							

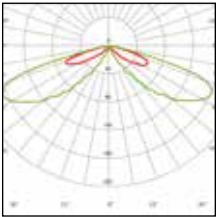
OPTIONAL

FINISHING: Black

MOUNTING: Mounting kit with anchor bolts



LIGHT DISTRIBUTION



TOHR è un innovativo paletto luminoso solare a LED migliorato sia nell'estetica che nella creatività. IP66, pannello solare monocristallino, materiale PC resistente ai raggi UV, con design architettonico è molto popolare in aree di passaggio, giardini, marciapiedi, ingressi di edifici, ecc.

Alloggiamento: alluminio pressofuso

Diffusore: lenti in policarbonato

Pannello solare: monocristallino

Batteria: LiFePO4, tempo di ricarica 8h

Durata: Normal mode >11 ore
Intelligent mode 2-3 giorni

LED: risparmio energetico
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

TOHR is an innovative LED solar bollard light which got enhanced in both aesthetic and creative. IP66, Mono-crystalline solar panel, UV resistant PC material, with architectural design is quite popular in pathway areas, gardens, sidewalks, building entrance and etc.

Housing: die cast aluminum

Diffuser: polycarbonate lens

Solar panel: monocrystalline

Battery: LiFePO4, charging time 8h

Operation Time: Normal mode >11 hours
Intelligent mode 2-3 days

LED: reducy energy consumption
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

CERTIFICATIONS



INTELLIGENT CONTROL SYSTEM

With sufficient natural light, the light keeps charging.

The first 4 hours from light switches on, the light keeps 100% brightness when presence is detected.

The light keeps 30% when there is no presence detected after 30s hold time in the first 4 hours.

The light keeps 60% brightness when there is presence detected from 5th to 8th hours after light switches on.

After 30s hold time within 5th to 8th hours, the light dim to 20% brightness when there is no presence detected.

The light keeps 10% brightness for 3 hours until the sunrise.

The controller recognizes day and night based on the Solar Array Open Circuit Voltage, this day&night thrsold can be modified accordingly to local light conditions and the Solar array used setting range is 3.0 / 8.0 V



MOUNTING KIT WITH ANCHOR BOLTS

TOHR ACCESSORIES

41349SGU32
PIR solar remote controller

Round House Side Shield
To reduce glare light.

Backfilled Anchor
Q235 +SPCC, hot dip galvanizing Φ130x508mm.

CERTIFICATIONS

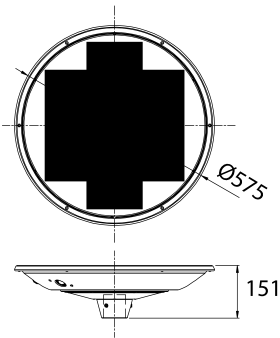
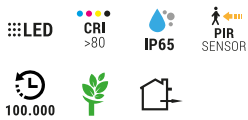


ELIAS

Full use of sun light, zero carbon emission, no need electrical grid. High luminous efficiency and low glare.

L I F E T I M E
100.000
hrs

ELIAS



DRIVER OPTIONS	CCT OPTIONS	
OF On/Off (Timer dimming / PIR sensor included)	3000K	Warm white
	4000K	Neutral white
	5000K	Cold white

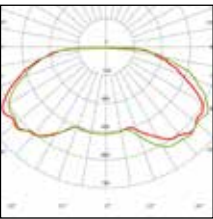
OPTIONAL

FINISHING: Grey
MOUNTING: Post top

BEAM ANGLE



LIGHT DISTRIBUTION



COD.	POWER	LUMEN	SOLAR PANEL	BATTERY CAP.	B. ANGLE	DIM./SIZE (mm)
41365010	10W	1300 lm	30W	76.8Wh-6Ah	180°	Ø575 x 151 h
41365020	20W	2600 lm	30W	153.6Wh-12Ah	180°	Ø575 x 151 h
41365030	30W	3900 lm	30W	230.4Wh-18Ah	180°	Ø575 x 151 h

Elias è una streetlight solare integrata, tre diversi wattaggi soddisfano bene diverse applicazioni. Lo speciale design dell'ottica contribuisce a un'esperienza visiva confortevole. Il sensore PIR integrato supporta il controllo intelligente dell'attenuazione e offre tempi di scarica più lunghi.

Alloggiamento: alluminio pressofuso
Diffusore: lenti in policarbonato
Pannello solare: monocristallino
Batteria: LiFePO4, tempo di ricarica 3-9h
Durata: Normal mode >8 ore
Intelligent mode 3-4 giorni

LED: risparmio energetico
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

Elias is a lighter weight integrated solar post top light, three wattages well satisfy different applications. The special optics design contributes to comfortable visual experience. The built-in PIR sensor support intelligent dimming control, and offer longer discharge time.

Housing: die cast aluminum
Diffuser: polycarbonate lens
Solar panel: monocrystalline
Battery: LiFePO4, charging time 3-9h
Operation Time: Normal mode >8 hours
Intelligent mode 3-4 days

LED: reducy energy consumption
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

CERTIFICATIONS



INTELLIGENT CONTROL SYSTEM

With sufficient natural light, the light keeps charging.

The first 4 hours from light switches on, the light keeps 100% brightness when presence is detected.

The light keeps 30% when there is no presence detected after 30s hold time in the first 4 hours.

The light keeps 60% brightness when there is presence detected from 5th to 8th hours after light switches on.

After 30s hold time within 5th to 8th hours, the light dim to 20% brightness when there is no presence detected.

The light keeps 10% brightness for 3 hours until the sunrise.

The controller recognizes day and night based on the Solar Array Open Circuit Voltage, this day&night threshold can be modified accordingly to local light conditions and the Solar array used setting range is 3.0 / 8.0 V



ELIAS ACCESSORIES

41365SU06
PIR solar remote controller



CERTIFICATIONS

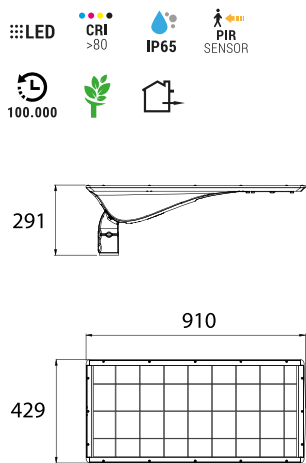


SOLARIA

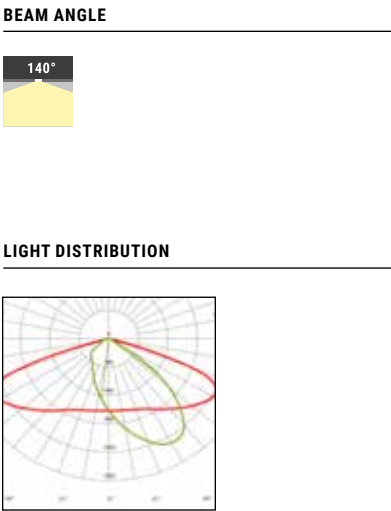
Slim design, highest efficiency
and smart control system,
3 days of continuous light
without sun.



SOLARIA



DRIVER OPTIONS	CCT OPTIONS
OF On/Off	3000K Warm white 4000K Neutral white 5000K Cold white
OPTIONAL	
FINISHING: Grey	
MOUNTING: Post top / Side-entry Pole clamp bracket / Wall	



 Solaria è un nuovo lampione solare a LED dal design ricercato, sottile e un pannello solare fotovoltaico monocristallino a maggiore efficienza di conversione, efficienza luminosa di 200 lm/w per rendere i prodotti con vantaggi per soddisfare le diverse esigenze dei clienti.

Alloggiamento: alluminio pressofuso

Diffusore: lenti in policarbonato

Pannello solare: monocristallino

Batteria: LiFePO4, tempo di ricarica 3-9h

Durata: Normal mode >8 ore
Intelligent mode 3-4 giorni

LED: risparmio energetico
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

 Solaria is a new private design solar LED street light, with slim design and higher conversation efficiency mono-crystalline photovoltaic solar panel, 200lm/w efficiency to makes the products with better advantages to meet different requirements from customers.

Housing: die cast aluminum

Diffuser: polycarbonate lens

Solar panel: monocrystalline

Battery: LiFePO4, charging time 3-9h

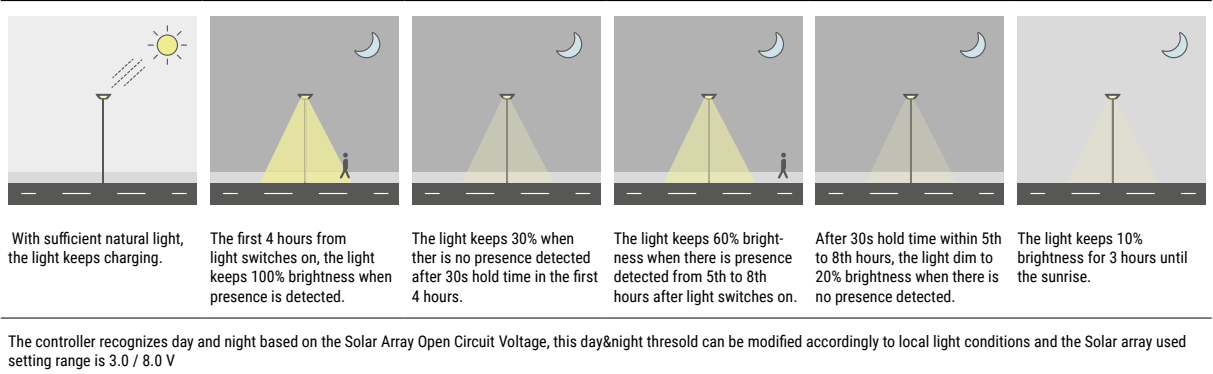
Operation Time: Normal mode >8 hours
Intelligent mode 3-4 days

LED: reducy energy consumption
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

CERTIFICATIONS



INTELLIGENT CONTROL SYSTEM



SOLARIA ACCESSORIES

41361SU07
PIR solar remote controller



Pole mount spigot
ADC12 materials, ±15°tilt adjustable, for dia. 34 / 42 / 60 / 76mm pole.



T shape pole mount adaptor
Q235 with Akzo Powder Coating materials, for 100x100mm square pole.



L shape pole mount adaptor
Q235 materials, for dia. 90mm pole.



±30°Pole Clamp Bracket
SPCC materials with outdoor powder coating, can be also the wall mount bracket.
Pole Clamp Bracket for 60mm/76mm Pole Only.



T shape pole mount adaptor
Q235 materials, for dia. 60/76mm pole.



Corner mount adaptor
SPCC materials with outdoor powder coating.



Wall mount adaptor
SPCC materials with outdoor powder coating.



L shape pole mount adaptor
Q235 materials, for 100x100mm square pole.



L shape pole mount adaptor
Q235 materials, for dia. 60mm pole.



CERTIFICATIONS

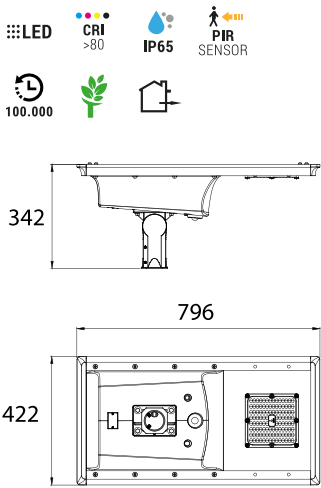


ATLANTE

The most flexible all in one solar street life, multiple wattage fit for different projects.



ATLANTE



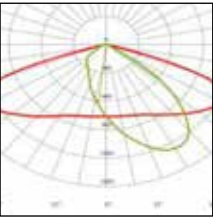
DRIVER OPTIONS	CCT OPTIONS
OF On/Off	3000K Warm white 4000K Neutral white 5000K Cool white
OPTIONAL FINISHING: Grey MOUNTING: Post top Side-entry@Clamp Ceiling	

COD.	POWER	LUMEN	SOLAR PANEL	BATTERY CAP.	B.ANGLE	DIM./SIZE (mm)
41370030	30W	6000 lm	45W	230.4WH	140°	796 x 422 x 342 h
41370040	40W	8000 lm	63W	307.2WH	140°	1100 x 422 x 342 h
41370050	50W	10000 lm	63W	384WH	140°	1100 x 422 x 342 h
41370060	60W	12000 lm	80W	460.8WH	140°	1282 x 422 x 342 h
41370080	80W	16000 lm	80W	614.4WH	140°	1282 x 422 x 342 h
41370100	100W	20000 lm	90W	768WH	140°	1532 x 422 x 342 h

BEAM ANGLE



LIGHT DISTRIBUTION



Atlante è una gamma completa di lampioni solari integrati, quattro dimensioni che coprono da 30W a 100W, soddisfano bene diverse applicazioni. Il design della struttura all'avanguardia e l'angolo di montaggio flessibile contribuiscono a una facile installazione. Il sensore PIR integrato supporta il controllo intelligente dell'attenuazione e offre tempi di scarica più lunghi, l'illuminazione stradale facile, pulita e con un lungo periodo di lavoro.

Alloggiamento: alluminio pressofuso
Diffusore: lenti in policarbonato
Pannello solare: monocristallino
Batteria: LiFePO4, tempo di ricarica 9h
Durata: Normal mode >8 ore
Intelligent mode 3-4 giorni
LED: risparmio energetico
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

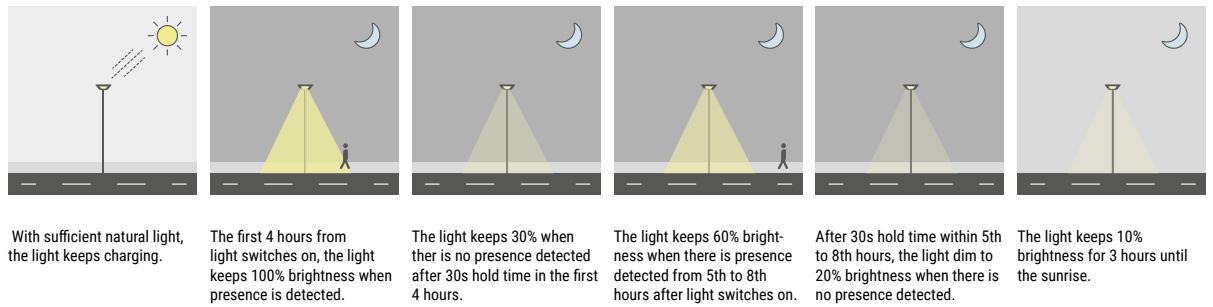
Atlante is a full range integrated solar street-light, four sizes covering from 30W to 100W, well satisfy different applications. The cutting edge structure design and flexible mounting angle contribute to easy installation. The built-in PIR sensor support intelligent dimming control, and offer longer discharge time, the easy, clean, and long working period street light.

Housing: die cast aluminum
Diffuser: polycarbonate lens
Solar panel: monocrystalline
Battery: LiFePO4, charging time 9h
Operation Time: Normal mode >8 hours
Intelligent mode 3-4 days
LED: reducy energy consumption
L90/31000hrs lifetime
L80/64000hrs lifetime
L70/101000hrs lifetime

CERTIFICATIONS



INTELLIGENT CONTROL SYSTEM



The controller recognizes day and night based on the Solar Array Open Circuit Voltage, this day&night threshold can be modified accordingly to local light conditions and the Solar array used setting range is 3.0 / 8.0 V

ATLANTE ACCESSORIES

41361SU07
PIR solar remote controller



CERTIFICATIONS





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