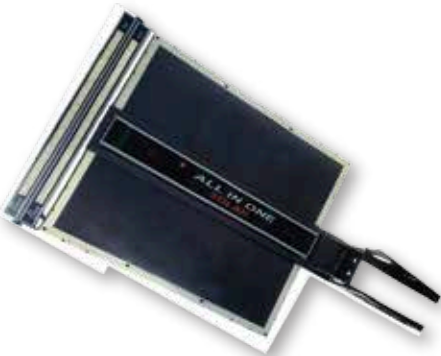




URBAN ILLUMINATION
TECHNOLOGY

LED Products



ALL IN ONE



SPARTA LIGHT



NAUTILUS



TORD LIGHT



SOLAR NAUTILUS



SAPPHIRE LIGHT





INDUSTRIAL



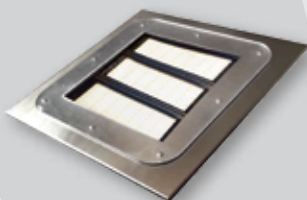
COB LIGHT 



T5 AND T8 TUBE 



ORIÓN 



PEMEX LED 



SOFFIT S 



PAR FAMILY 



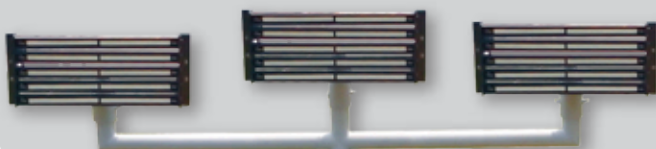
BOLLARD 



STELLA 



MINI-REFLECTOR 



TRIDENT 

INTERIOR



NAUTILUS IOT



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

VAC: 110 - 280
440.

VDC: 12, 24

APPLICATIONS

- Streets and avenues
- Parks
- Municipal Squares
- Rural roads
- Walkers
- Work yards
- Parking lot
- Roads

FEATURES

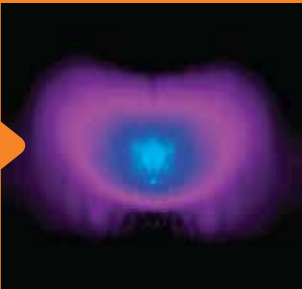
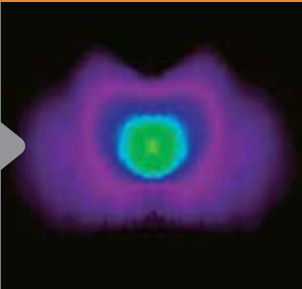
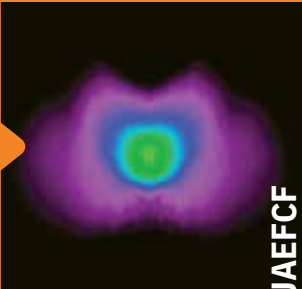
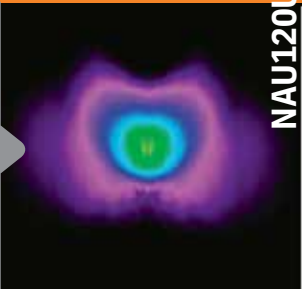
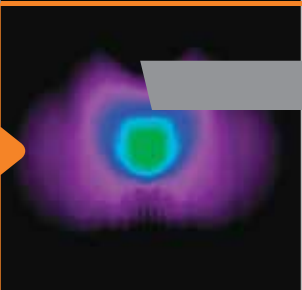

- Aluminum cabinet injected in a single piece with electrostatic paint. IP65 and IK08
- Protection Level. Dimensions: Length 69 cm; Width 29.5cm; Height 8.5 cm. Power: 30,
- 45, 60, 75, 90, 105 and 120 W. Type II medium photometric curve. Slender and aerodynamic design according to different architectures. Direct connection without
- ballasts. Available: 6500K, 5000K, 4000K. Low heat emission Automatic lighting with
- integrated photocell. High efficiency rate of up to 300% on metal additives, sodium
- vapor, etc... Polycarbonate diffuser with high impact resistance. Optics in each LED for
- a better light distribution. Electrostatic painting PFC. 179 Lm/W SMD Led Harmonic
- distortion less than 10%. Peak protection (surge) of up to 10KV, 10KA Power factor >
- 0.94. Color rendering index Ra > 80. With 2.4Ghz wireless mesh network interface for
- monitoring and control of the system, with application available for Android mobile
- devices and PC. Connectivity with ASSIC Smart City system*

SEE PRODUCT



DATA SHEET



ISOLUX Nautilus 30 watts		Height 7 m	Distance between posts 24 m	MODEL
ISOLUX Nautilus 45 watts		Height 7 m	Distance between posts 29 m	MODEL
ISOLUX Nautilus 60 watts		Height 8 m	Distance between posts 34 m	MODEL
ISOLUX Nautilus 75 watts		Height 9 m	Distance between posts 38 m	MODEL
ISOLUX Nautilus 90 watts		Height 10 m	Distance between posts 42m	MODEL
ISOLUX Nautilus 120 watts		Height 12 m	Distance between posts 46 m	MODEL

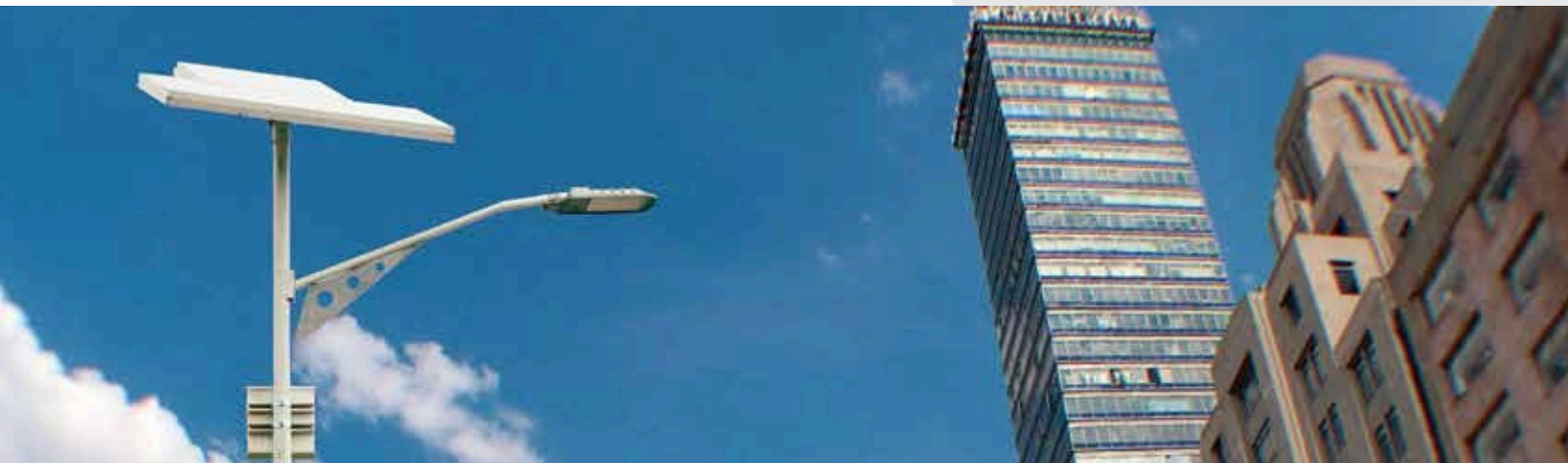


NAUTILUS SOLAR IOT



LIGHTNING FEATURES

- Integrated digital solar charge controller.
- Wi-Fi wireless connectivity, monitoring and control software.
- Injected aluminum cabinet.
- IP65 protection level.
- Transparent polycarbonate, high-impact resistance.
- Programmable dynamic dimmer.
- Color rendering index $P_a > 80$.
- Power: 30, 45, 60, 75, 90, y 120 W.
 - 156 - 179 Lm/W SMD Led
 - VS-Type radiation pattern.
- Automatic lighting.
- Dimensions: 69 cm x 29.5cm.
- It withstands 3 days of cloudy weather.
- Protection against water jets in any direction.



NAUTILUS LIGHTING ACCESSORIES

- HD camera available in 5Mpx and 8Mpx.
 - Fixed.
 - Robotics (pan/tilt).
- Lithium battery.
- NVR (Network Video Recorder).
- Motion sensor for time and automatic lighting.
- Remote Management (Monitoring and control of parameters)
 - Luminaire
 - Batteries
 - Solar panels
 -
- Wireless network interface integrated in the luminaire with support for IEEE 802.11 b/g/n and BLE 4 protocols.
- 2.4 GHz operating frequency
- STA, SoftAP, STA + SoftAP, MESH operating modes.
- WPA2 security.
- Omni-directional antenna 2.4 Ghz 5 dBi 2W 195mm
- On/off dimmer control and programming of operating parameters

SEE PRODUCT



DATA SHEET





CONTROLLER FEATURES

- Aluminum cabinet injected in a single piece with electrostatic paint.
- Voltage and current regulation by digital PWM.
- MPPT, Booster, direct connection.
- Cutting edge energy
- Constant current or voltage with digital control.
- Automatic connection / disconnection of charge and solar panels for battery protection.
- Current from 10 to 40 A.
- Programmable night operation.
- Daily operation log Storage.
- SMD. LED
- Battery discharge protection.
- Inverted polarity protection on all Terminals
- Short circuit protection in battery, lamp and photovoltaic modules.
- Overload protection of batteries.
- Open circuit protection



IOT 2.4GHz

P.F.C.
Regulator

LED light

Extended
Useful LifeWarranty
and ServiceIES
Drawing

COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

VDC: 12, 24

APPLICATIONS

- Streets and avenues
- Parks
- Municipal Squares
- Rural roads
- Walkers
- Work yards
- Parking lot
- Roads

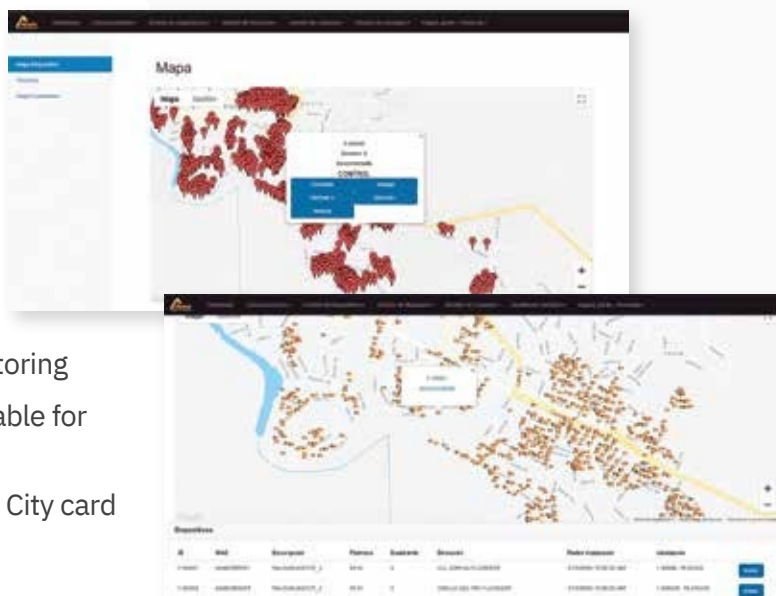
DIMENSIONING

LUMINAIRE PHOTOVOLTAIC PANEL BATTERY

30 w	80 w	56 Ah
45 w	120 w	84 Ah
60 w	160 w	112 Ah
75 w	200 w	148 Ah
90 w	240 w	168 Ah

REMOTE MANAGEMENT SOFTWARE

- Application available for Android / Windows, allowing luminaire monitoring.
- The application allows control of the level of light intensity.
- Application designed with intuitive interface.
- Control and reading of luminaire parameters.
- With 2.4Ghz wireless mesh network interface for monitoring and controlling the system, and the application available for Android mobile devices and PC.
- Connectivity with ASSIC Smart City system* See Smart City card
- On and off control.
- Reading: Luminaire power, current, intensity level.



NAUTILUS WITH CAMERA



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

VAC: 110 - 280

FEATURES

- Aluminum cabinet injected in a single piece with electrostatic paint.
- Protection Levels: IP65 and IK08.
- Dimensions: Length 69cm Width 29.5cm Height 8.5cm.
- Power: 30, 45, 60, 75, 90, 105, 120 W.
- Type II Medium Photometric Curve.
- Slender and aerodynamic design according to different architectures
- Direct connection without ballasts.
- Low heat emission.
- Auto Start with Integrated Photocell.
- High efficiency rate of 300% on metal additives, sodium vapor, etc.
- Polycarbonate diffuser with high impact resistance.
- Optics in each LED for a better light distribution.
- PFC.
- 179 lm/W SMD Led.
- Less than 10% harmonic distortion.
- Peak protection (surge) of up to 10kv, 10kA.
- Power factor > 0.94.
- Color rendering index Ra > 80.
- NOM-031-ENER-2012 certified.
- NOM-001-SCFI-1993 certified.
- FIDE seal use license
- Operating frequency 50-60Hz.
- Digital Camera with ASSIC Technology
- Video Resolution: 4k, 2k, 1080p, 720p.
- Pixels: 1200 Mega CMOS.
- Smart City Assic

APPLICATIONS

- Streets and avenues
- Parks
- Municipal Squares
- Rural roads
- Walkers
- Work yards
- Parking lot
- Roads

With 2.4Ghz wireless mesh network interface for monitoring and control of the system, with application available for Android mobile devices and PC.

Connectivity with the ASSIC Smart City system
See Smart City file*

ALL IN ONE SOLAR



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION VDC: 12, 24

DIMENSIONING

LUMINARY PHOTOVOLTAIC PANEL BATTERY

30 w	80 w	56 Ah
45 w	120 w	84 Ah
60 w	160 w	112 Ah

APPLICATIONS

- Streets and avenues
- Parks
- Municipal Squares
- Rural roads
- Work yards
- Parking lot
- Roads

FEATURES

- Polycrystalline solar panel, dimensions and power proportional to the lamp power.
- Integrated digital solar charge controller.
- With 2.4Ghz wireless mesh network interface connectivity. Monitoring and control software.
- Flat solar panel to better capture light at any time of the day.
- Adjustable light source at different angles to meet any need.
- Built-in rechargeable Li-on (lithium) battery.
- Programmable dynamic dimmer.
- SMD LED mount (140 Lm/W).
- Power: 30, 45 and 60 Watts.
- LED lifetime; 50,000 to 100,000 h.
- Low heat emission
- Operates during 3 days in cloudy weather.
- Limited warranty for up to 5 years.



SEE PRODUCT



DATA SHEET



LIGHTS

SPARTA



TORD



SAPPHIRE



BOLLARD



APPLICATIONS

Parking lots
Parks
Industrial Areas
Gardens
Sidewalks

- Schools
- Esplanades
- Streets
- Urban areas
- Squares

FEATURES

- Injected aluminum body.
- Powder paint, electrostatic application.
- SMD-HD LED mount (140 Lm/W).
- Special Manufacturing: Blue, green, red, amber.
- PFC current regulator.
- 180-degree Lambertian radiation pattern.

BOLLARD

- 802.11 b/g/n Wi-Fi interface
- IP65 protection level.
- Lumens: 140 m/w.
- Special manufacturing: Blue, green, red, amber.
- Power: 15,30 45w.
- Available in photovoltaic version ca.
- Li-ion (Lithium) battery.
- ASSIC solar charge controller.
- Photovoltaic panel.



URBAN



Smart City Assic



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



MX
HECHO EN
MEXICO



Ecological

COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

VAC: 110 - 280

VDC: 12, 24

MODELS	DIFFUSER	TIP	POST REFLECTOR
SPARTA	Methacr ylate	2 1/2"	Aluminum louvers
TORD	Prismatic Acr ylic	3 1/2"	Anodized aluminum
SAPPHIRE	Methacr ylate	2 1/2"	Aluminum louvers
BOLLARD	Prismatic Acr ylic	2 1/2"	Anodized aluminum

DATA SHEET



BOLLARD



SPARTA



TORD



SAPPHIRE





PAR FAMILY


PAR 30
PAR 38
MR 16
PAR 64

FEATURES

- 140 lm/W 0.2W SMD LED
- Transparent acrylic or opaline diffuser.
- Electrostatically painted cabinet in white.
- Radiation pattern: 120° Lambertian.

MODELS	DIAMETER	POWER
Par 64	Recessed 18 cm Tray 24 cm	20 W 15 W 15 W 12 W
Par 38	Recessed 12 cm Tray 15 cm	5 W 10 W
Par 30	Recessed 10 cm Tray 12.5 cm	5 W 10 W
Mr 16	Recessed 9 cm Tray 6 cm	3 W

[SEE PRODUCT](#)

[DATA SHEET](#)


COB LIGHT

FEATURES

- Power: 30, 40, 50 W.
- 140lm/W SMD LED
- E-40 thread.
- Aluminum body.
- Dimensions may vary according to the power required.


[SEE PRODUCT](#)

[DATA SHEET](#)


TUBES

FEATURES

- 140lm/W SMD LED T5
- Aluminum body.
- Transparent acrylic or opaline diffuser.
- Measurements of the tubes are cap to cap.
- Special measures upon request

MODELS MEASURES PO

T5	55 cm 115 cm 120 cm	8 W 16 W 18 W
T8	60 cm -> 9 W 90 cm -> 9 W 120 cm -> 14 W 120 cm -> 18 W 150 cm -> 24 W 180 cm -> 27 W 240 cm -> 36 W	

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[DATA SHEET](#)

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[DATA SHEET](#)

T5
T8


IOT 2.4GHz


P.F.C.
Regulator


LED light


Extended
Useful Life

Warranty
and Service

IES
Drawing


COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

PAR FAMILY

OPERATING VOLTAGE APPLICATIONS

- | | | |
|-----------------|--------------|----------------------|
| VAC: 127 | • Counters | • Light boxes |
| VDC: 12 | • Exhibitors | • Replacement of |
| 24 | • Kitchens | fluorescent light or |
| | • Cabinets | incandescent bulb |
| | • Closets | • Bathrooms |
| | • Cabins | • Advertising |

COB LIGHT

OPERATING VOLTAGE APPLICATIONS

- | | |
|-----------------|-------------------------|
| VAC: 127 | • Warehouse |
| 220 | • Lights. |
| 227 | • Wall Pack. |
| VDC: 12 | • Replacement of lights |
| 24 | on cabinet. |
| | • Bell |

TUBES

OPERATING VOLTAGE APPLICATIONS

- | | |
|-----------------|----------------|
| VAC: 110 | • Office |
| 220 | • Home |
| 227 | • Warehouse |
| VDC: 12 | • Parking lots |
| 24 | • Storehouse |
| | • Advertising |
| | • Cabinets |



SOFFIT S



FEATURES

- Power: 15, 20, 30, 45, 60 and 90 W.
- Transparent acrylic or opaline diffuser.
- Electrostatically painted cabinet in white.
- 140 lm/W SMD LED
- Radiation pattern: 120° Labyrinth.
- P.F.C (Power Factor Corrector) Regulator upon request.
- IP60 protection level.
- To hang, overlap or recess.



INTERIOR



Smart City Assic



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

VAC: 127, 220, 277

VDC: 12, 24

MODELS

MEASURES*

SQUARE SOFFIT

60 cm x 60 cm

24 cm x 24 cm

RECTANGULAR SOFFIT

30 cm x 120 cm

60 cm x 120 cm

* Special measures upon request

APPLICATIONS

- Office
- Home
- Warehouse
- e

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DATA SHEET





ORION



Smart City Assic



IOT 2.4GHz

P.F.C.
Regulator

LED light

Extended
Useful LifeWarranty
and ServiceIES
Drawing

COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

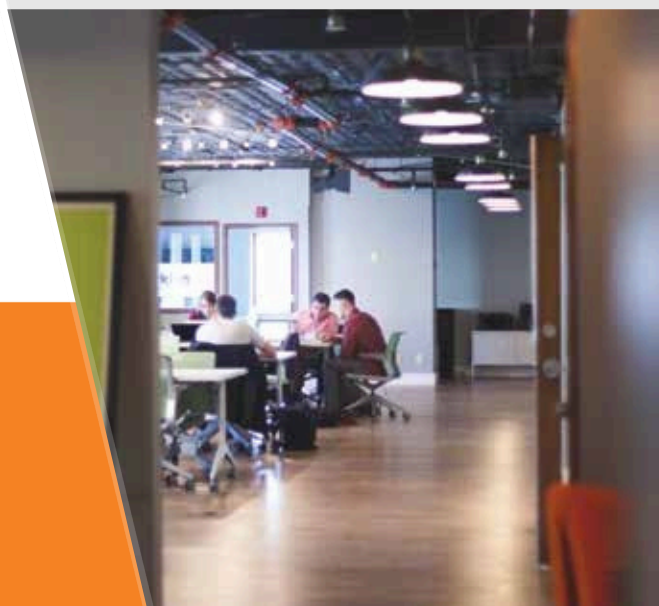
VAC: 110 - 280**VDC:** 12 y 24

APPLICATIONS

- Work yards
- Roofed Parking
- Storehouse
- Suitable for outdoor use

FEATURES

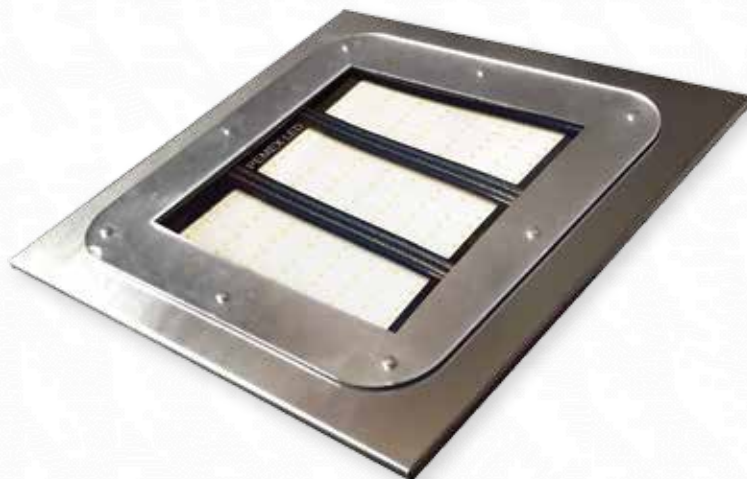
- Injected aluminum cabinet 43 cm in diameter
- 120° Labyrinth radiation pattern
- IP-65 protection level
- Power: 60, 75, 90, 120, 150 W
- Low heat emission
- 156 lm/W SMD LED
- Direct connection without ballasts.
- High efficiency rate of 300% on metal additives, sodium vapor, etc.
- Polycarbonate diffuser with high impact resistance.
- IP65 and IK08 protection levels.
- Peak protection (surge) of up to 10KV, 10KA (VAC only)

[SEE PRODUCT](#)[DATA SHEET](#)



INDUSTRIAL

PEMEX LED



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

** Check color temperature at request with your sales advisor*

VOLTAGE OPERATION

VAC: 110 - 280

APPLICATIONS

- Service Stations
- Gas stations

FEATURES

- Luminaire 60.5 x 60.5 cm and 8 cm thick.
- Powers: 75,90 and 120W.
- Ultra-thin stainless-steel design
- 120° Labyrinth radiation pattern.
- Complaint with IESNA lighting standard.
- 156 lm/W SMD LED

SEE PRODUCT



DATA SHEET





STELLA

REFLECTOR



STELLA FEATURES

- Production measures: 60 cm x 5 cm, 30 cm x 5 cm.
- Steam-proof
- Radiation pattern: 120° Labyrinth.
- IP65 protection level.
- Lumens: 140 lm/W.
- Special manufacturing: blue, green, red, amber.
- Modular luminaire
- Power: 15, 30, 45, 60, 75, 90, 105_W

MINI-REFLECTOR

- Production measures: 25 cm x 10 cm
- The measurement may vary depending on the power required
- IP66 protection level.
- Radiation pattern: 120° Labyrinth.
- Power: 15, 30, 45W
- Adjustable support allows to direct the light.
- Special manufacturing: blue, green, red, amber.
- Integrated photocell for automatic night lighting



STELLA

STELLA
SEE PRODUCT



DATA SHEET





INDUSTRIAL



Smart City Assic



IOT 2.4GHz



P.F.C.
Regulator



LED light



Extended
Useful Life



Warranty
and Service



IES
Drawing



COLOR TEMPERATURE AVAILABLE*

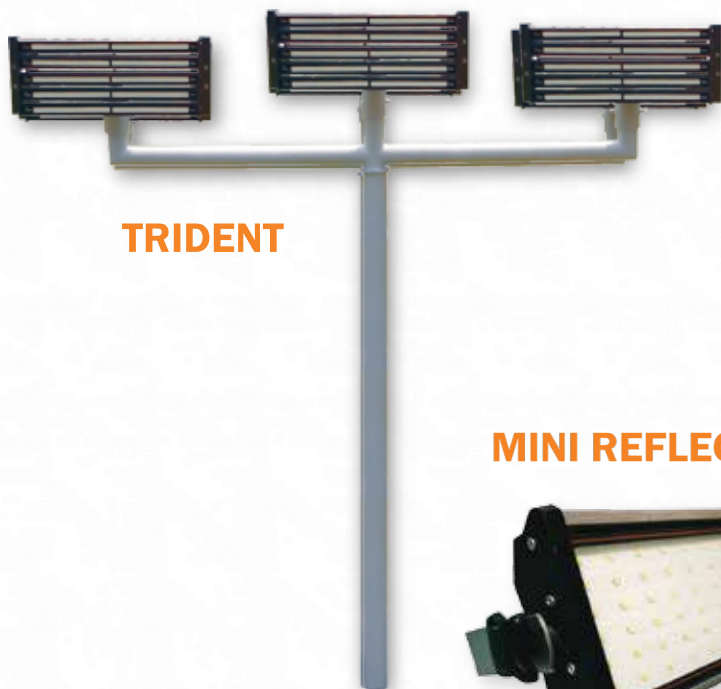
6500 K

4000 K

* Check color temperature at request with your sales advisor

VOLTAGE OPERATION

MINI-REFLECTOR:	VCA	127
STELLA:	VCA	127, 220 o 110 - 280
	VCD	12 y 24
TRIDENT:	VCA	127, 220 o 110 - 280



TRIDENT

MINI REFLECTOR

APPLICATIONS

- Storehouse
- Basketball courts
- Fast soccer fields
- Parking lots
- Spectacular ads, etc.
- Under bridge

TRIDENT FEATURES

- Injected aluminum body.
- Each module consists of 5 Stelas.
- Power of each Stela: 30 W.
- Power of each module: 150 W.
- Total power: 450 W.
- Measures of each Module: 60 cm x 31 cm.
- Radiation pattern: 120° Labyrinth.
- Modular luminaire
- P.F.C (Power Factor Corrector) Regulator upon request.

TRIDENTE
SEE PRODUCT



TRIDENTE
DATA SHEET





STELLA WITH CAMERA



IOT 2.4GHz

P.F.C.
Regulator

LED light

Extended
Useful LifeWarranty
and ServiceIES
Drawing

COLOR TEMPERATURE AVAILABLE*

6500 K

4000 K

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APPLICATIONS

- Storehouse
- Basketball courts
- Fast soccer fields
- Parking lots
- Spectacular ads, etc.
- Under bridge

FEATURES

- Injected aluminum body.
- Production Measures: It varies according to the power,

consult your sales agent

- Radiation pattern: 120° Labyrinth.
- IP65 Protection Level
- Lumens: 140lm/W.
- Model luminaire.
- Power: 15, 30, 45, 60, 75, 90... W
- IOT interface
- Digital Camera with ASSIC Technology
- Video Resolution: 4k, 2k, 1080p, 720p.
- Pixels: 1200 Mega CMOS.
- Operating temperature: -10° -60°.
- Wi-Fi Smart City

With 2.4Ghz wireless mesh network interface interface for monitoring and control of the system, with application available for Android mobile devices and PC.

Connectivity with ASSIC Smart City system See Smart City card*



MINI-REFLECTOR
SEE PRODUCT



MINI-REFLECTOR
DATA SHEET





TURNKEY SOLUTIONS

As manufacturers, our equipment can be interconnected with each other for different solutions; therefore, we can carry out your turnkey project according to your needs and requirements



Smart City Assic



IOT 2.4GHz



Ecological

SOME OF OUR APPLICATIONS:

- Optimal network for monitoring and control of public services from any mobile device like:
- Panic Button, Speed Radar, Traffic Light, Measurement
- Energy modernization for different sectors.

SMART CITY

This platform allows the administration of different public resources through a network of intelligent luminaires; and the cost is paid by the energy savings.

LED LUMINAIRES

We manufacture Led luminaires for different applications with 100% Mexican technology and manufacturing.

ENERGY GENERATION

We offer complete solutions for the generation and storage of energy through photovoltaic panels and inverters designed and manufactured in Mexico

FINANCING

In support of the lighting replacement programs for public lighting and energy saving companies, we have designed various financing offers.



Smart City

TRANSFORMATION - MOBILITY

INTELLIGENT SYSTEM FOR MONITORING IOT DEVICES, OFFICE AND RESOURCE MANAGEMENT

ASSIC Smart City is a cloud platform that allows the ASSIC IOT product family to remain connected, updated and available from anywhere on the planet.

It allows interconnecting different devices to fulfill a common task, from luminaires, to accessories such as panic buttons, speed radars, motion sensors, display ads, video cameras, each device can trigger a task and operate others remotely.

It keeps the user always aware of any event that takes place in his/her network of devices through notifications to mobile devices via our APP, SMS, email or by accessing the **Smart City ASSIC** portal from any computer.

HOW DOES ASSIC SMART CITY WORK?

All ASSIC IOT devices are connected to each other using 2.4Ghz WIFI broadband Mesh network infrastructure. By registering the devices in the Smart City ASSIC portal; the user can monitor and share all the services offered by the platform.

ASSIC SMART CITY OFFERED SERVICES

VALIDATING

The platform is responsible for validating that the connected device is a reliable device manufactured by ASSIC. This way we prevent intruders from creating false alerts or misusing the network.

SETTING-UP

Operating parameters are configured based on the type of device registered.

PROGRAMMING

The device is programmed to perform the required tasks. It also allows to update the firmware of the devices remotely.

BACKING-UP

All configurations issued by the devices on the network are backed up on the platform's servers; in case of failure, the previous configuration will be downloaded to the new device and its operation will continue.

EVENT RECORD

All events carried out by the devices on the network are stored on the platform and are available for user verification.

SECURITY

The platform is compatible and designed to be used in various security tasks such as Panic button connection, emergency sirens, turrets and cameras

