



Designed to light up the world

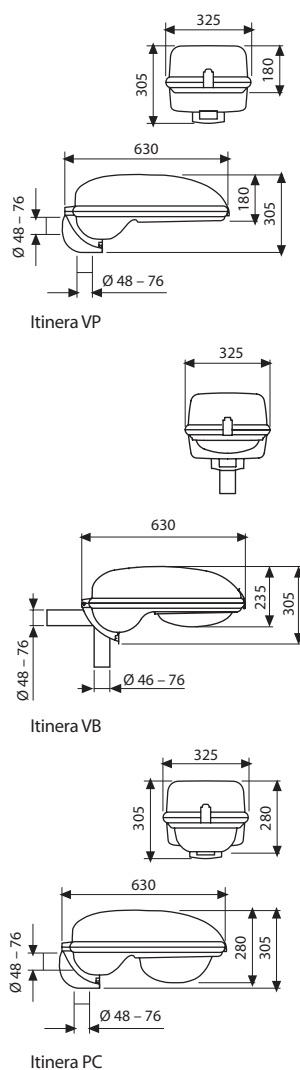
The state-of-the-art framework is designed to light up roads, motorways, residential areas and open spaces.
In the **BIPOWER** version, the streetlight

ITINERA represents a further possibility to decrease the carbon footprint of public authorities in the management of energy consumptions.



Technical features of Itinera

Dimensions



Description

CHARACTERISTICS

- The housing (body and top cover) is manufactured in die-cast aluminium alloy.
- Coated with polyester powders in Silver colour. Twin colours available on request.
- Reflector is made of high purity (99,8%) one piece pressed electro-polished anodised aluminium.
- Post top entry installation, Ø max 76 mm, tilt 0 + 5° + 10° + 15°.
- Side entry installation, Ø max 76 mm, tilt 0 + 5°.
- In case of side entry installation with tilt of 10° and 15°, an inclination luminaire accessory limiting the tilt at 0°, is included.
- Gaskets are made of anti-age weather resistant silicon rubber.
- The connection pole compartment closure is made in plastic material of high resistance.
- For Class II electrical, the luminaire is equipped with a safety switch that disconnects the main power supply on opening the luminaire in maintenance.
- Porcelain lamp holder with horizontal and vertical mechanical focusing device.
- Adjustable reflector in order to optimize the optical performance and light distribution.
- Connection to power supply via a cable gland PG 13,5 IP68.
- Protection degree against external impacts: IK 08.
- Pressure compensation filter in Teflon.
- The gear and lamp compartment can be easily accessed by opening the fore stainless steel hook.
- For quick and safety inspection the luminaire is supplied with anti-tipping cover device.
- Gear plates:
 - for CL I of a galvanized steel sheet.
 - for CL II injection molded with special thermoplastic material.
- Both gear plates are completed with lamp holder and/or electrical connectors for fast replacement and easy maintenance.
- The luminaire can be provided with a fuse (optional).
- Electrical components are certified with ENEC Mark for power supply of 230V 50Hz.
- European Standards: EN 60598/1.

ITINERA VP

- Output ratio: cut-off.
- Optic group with thermal toughened flat glass.
- Wind exposed surface = 0,0965 m².

ITINERA VB

- Output ratio: semi cut-off.
- Optic group with thermal toughened curved glass.
- Wind exposed surface = 0,1080 m².

ITINERA PC

- Output ratio: semi cut-off.
- The bowl is in high quality transparent polycarbonate, anti UV.
- Wind exposed surface = 0,1165 m².

BI-POWER VERSION

For power savings, the bi-power version can be supplied in flat glass (VP) street lights. This version is equipped with a programmable switch and an electromechanical bi-power reactor. The switch along with the reactor is responsible to reduce the power during night-time (off-peak hours) when the road traffic decreases below 50%.

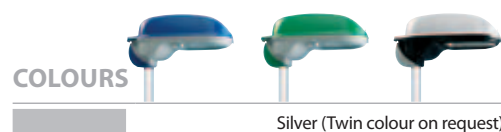
The system does not require a pilot-wire to operate. The switch operates in complete autonomy. An internal Timer measures the total duration of operation on each day, establishing with precision the waiting time before it switches to reduced power.

The starting and ending times of reduced power operation can be easily changed by using the dip-switches on the programmable switch.

The system ensures considerable power savings. For example, a 150W high pressure sodium vapour street light when used with a bi-power version achieves an annual power saving of approximately 150KW. This in turn has a remarkable effect in reducing the CO₂ emissions in the environment (a saving of 1KW corresponds to a reduction of CO₂ emissions of 0.5 Kg).

LAMPS

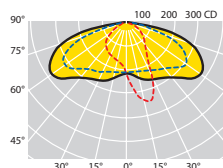
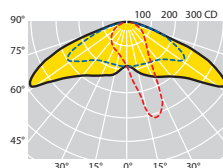
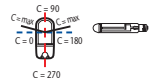
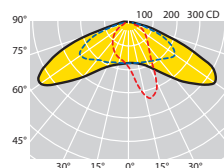
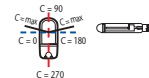
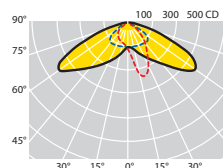
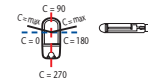
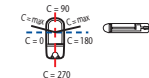
	SE (SAP-E) - E27 70W - E40 100-150-250W
	ST (SAP-T) - E27 70W - E40 100-150-250-400W
	MT (JM-T) - E27 70W - E40 100-150-250-400W
	ME (JM-E) - E27 70W - E40 100-150-250W



Photometric data



Itinera VP


ST (SAP-T) 400W E40
POS. FIX-3-A C max=15°

ST (SAP-T) 250W E40
POS. A-3-A C max=20°

ST (SAP-T) 150W E40
POS. B-3-D C max=25°

ST (SAP-T) 100W E40
POS. B-3-D C max=20°


Product codes

ITINERA VP - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
40700*		S (SAP) 70W	9.75	1	24	0.0728
40701		M-S (JM-SAP) 100W	10.00	1	24	0.0728
40702		M-S (JM-SAP) 150W	10.90	1	24	0.0728
40703**		M-S (JM-SAP) 250W	12.00	1	24	0.0728
40704**		MT (JM-T) - ST (SAP-T) 400W	13.30	1	24	0.0728
40705		M (JM) 70W	9.75	1	24	0.0728
40706		MT (JM-T) 250W Philips	10.80	1	24	0.0728
40707		MT (JM-T) 400W Philips	12.10	1	24	0.0728
40747		ST (SAP-T) 600W	16.20	1	24	0.0728
CE 41710	Bipower	S (SAP) 70/50W	9.90	1	24	0.0728
CE 41711	Bipower	S (SAP) 100/70W	10.15	1	24	0.0728
CE 41712	Bipower	S (SAP) 150/100W	11.10	1	24	0.0728
CE 41713	Bipower	S (SAP) 250/150W	12.20	1	24	0.0728

* With ignitor

** Suitable for MH lamps Osram type

CE Luminaire with CE marking only

ITINERA VP - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
40750*		S (SAP) 70W	9.65	1	24	0.0728
40751		M-S (JM-SAP) 100W	9.90	1	24	0.0728
40752		M-S (JM-SAP) 150W	10.80	1	24	0.0728
40753**		M-S (JM-SAP) 250W	11.90	1	24	0.0728
40754**		MT (JM-T) - ST (SAP-T) 400W	13.30	1	24	0.0728
40755		M (JM) 70W	9.65	1	24	0.0728
40756		MT (JM-T) 250W Philips	10.70	1	24	0.0728
CE 41720	Bipower	S (SAP) 70/50W	9.80	1	24	0.0728
CE 41721	Bipower	S (SAP) 100/70W	10.05	1	24	0.0728
CE 41722	Bipower	S (SAP) 150/100W	11.00	1	24	0.0728
CE 41723	Bipower	S (SAP) 250/150W	12.10	1	24	0.0728

* With ignitor

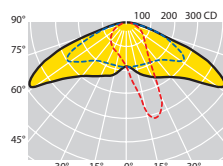
** Suitable for MH lamps Osram type

CE Luminaire with CE marking only

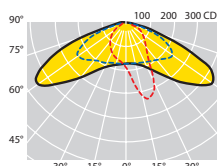
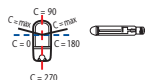
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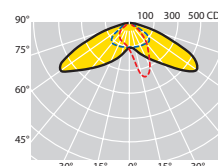
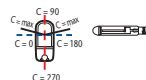
Itinera VB



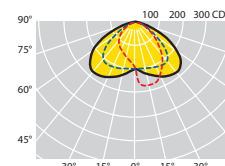
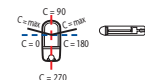
ST (SAP-T) 250W E40
POS. A-3-A C max=20°



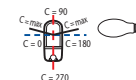
ST (SAP-T) 150W E40
POS. B-3-D C max=25°



ST (SAP-T) 100W E40
POS. B-3-D C max=20°



ME (JM-E) 150W E40
POS. B-3-D C max=25°



Product codes

ITINERA VB - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
41800*		S (SAP) 70W	10.25	1	24	0.0728
41801		M-S (JM-SAP) 100W	10.50	1	24	0.0728
41802		M-S (JM-SAP) 150W	11.40	1	24	0.0728
41803**		M-S (JM-SAP) 250W	12.50	1	24	0.0728
41805		M (JM) 70W	10.25	1	24	0.0728
41806		MT (JM-T) 250W Philips	11.30	1	24	0.0728

* With ignitor

** Suitable for MH lamps Osram type

ITINERA VB - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
41850*		S (SAP) 70W	10.15	1	24	0.0728
41851		M-S (JM-SAP) 100W	10.40	1	24	0.0728
41852		M-S (JM-SAP) 150W	11.30	1	24	0.0728
41853**		M-S (JM-SAP) 250W	12.40	1	24	0.0728
41855		M (JM) 70W	10.15	1	24	0.0728
41856		MT (JM-T) 250W Philips	11.20	1	24	0.0728

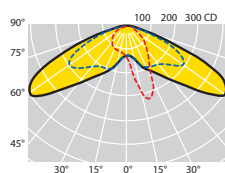
* With ignitor

** Suitable for MH lamps Osram type

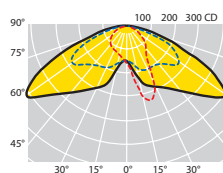
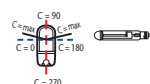
Photometric data



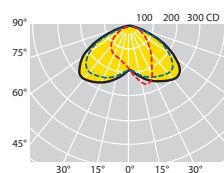
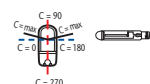
Itinera PC



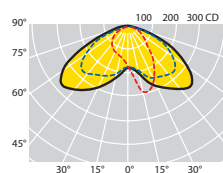
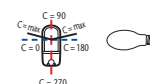
ST (SAP-T) 250W E40
POS. A-3-A C max=20°



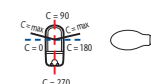
ST (SAP-T) 150W E40
POS. B-3-D C max=25°



SE (SAP-E) 150W E40
POS. B-3-D C max=20°



SE (SAP-E) 100W E40
POS. D-3-D C max=20°



Product codes

ITINERA PC - CL I

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
40720*		S (SAP) 70W	9.43	1	24	0.0728
40721		M-S (JM-SAP) 100W	9.68	1	24	0.0728
40722		M-S (JM-SAP) 150W	10.58	1	24	0.0728
40723		S (SAP) 250W	11.68	1	24	0.0728
40725		M (JM) 70W	9.43	1	24	0.0728

* With ignitor

ITINERA PC - CL II

CODE	DESCRIPTION	LAMP TYPE	WEIGHT (KG)	PACKING (PCS)	PALLET (PCS)	VOLUME
40780*		S (SAP) 70W	9.33	1	24	0.0728
40781		M-S (JM-SAP) 100W	9.58	1	24	0.0728
40782		M-S (JM-SAP) 150W	10.48	1	24	0.0728
40783		S (SAP) 250W	11.58	1	24	0.0728
40785		M (JM) 70W	9.33	1	24	0.0728

* With ignitor

Accessories and spare parts



60026
Wall bracket electro welded hot-dip galvanized



60030
Modular wall bracket galvanized



60063
Corner bracket electro welded galvanized



60031
Modular corner bracket galvanized

CODE	DESCRIPTION	WEIGHT (KG)	PACKING (PCS)	COLOURS	VOLUME
09719	Flat glass - Itinera VP	0.77			
10783	Curved glass - Itinera VB	1.05			
09727	Polycarbonate bowl - Itinera PC	0.45			
60026	Wall bracket electro welded hot-dip galvanized Ø 60 mm	1.27	6	Hot galvanized	0.00257
60030	Modular wall bracket galvanized Ø 60 mm	1.05	4	Hot galvanized	0.00160
60063	Corner bracket electro welded galvanized Ø 60 mm	2.60	4	Hot galvanized	0.00835
60031	Modular corner bracket galvanized Ø 60 mm	1.90	3	Hot galvanized	0.00210
16100	Osram lamp MT 70W E27 3000K				
04413	Osram lamp ST 70W E27 - Super				
02676	Osram lamp ST 100W E40 - Super				
12337	Osram lamp ST 150W E40 - Super				
12051	Osram lamp ST 250W E40 - Super				
12874	Osram lamp ST 400W E40 - Super				
12401	Venture lamp ST 70W E27 - Super				
12402	Venture lamp ST 100W E40 - Super				
12403	Venture lamp ST 150W E40 - Super				
12404	Venture lamp ST 250W E40 - Super				
12405	Venture lamp ST 400W E40 - Super				

Pole and wall accessories

The URBANA series of pole- and wall mounted arms support the luminaires with elegance and lightness, ensuring an installation strictly according to regional legislation on public lighting.

Description



URBANA DOUBLE WAVE

- 2 arms - length 1500 mm
- Pole hooking Ø 60 mm
- Pole fitting with 6 Inox screws M8
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with 2 adaptors

URBANA SINGLE WAVE

- 1 arm - length 1500 mm
- Pole hooking Ø 60 mm
- Pole fitting with 6 Inox screws M8
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with 1 adaptor



URBANA DOUBLE BEND

- 2 arms - length 1500 mm
- Pole hooking Ø 60 mm
- Pole fitting with 6 Inox screws M8
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with 2 adaptors

URBANA SINGLE BEND

- 1 arm - length 1500 mm
- Pole hooking Ø 60 mm
- Pole fitting with 6 Inox screws M8
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with 1 adaptor



URBANA WALL WAVE

- 1 arm - length 800 mm
- Wall mounting
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with adaptor

URBANA WALL BEND

- 1 arm - length 800 mm
- Wall mounting
- Material Fe S235 JR
- Hot zinc plated - thickness min. 55 mm
- To be used with adaptor