

LUXIA 170



MONOCRYSTALLINE SOLAR PANEL

Lifespan: 30 years



FREE ENERGY

365 nights of guaranteed lighting



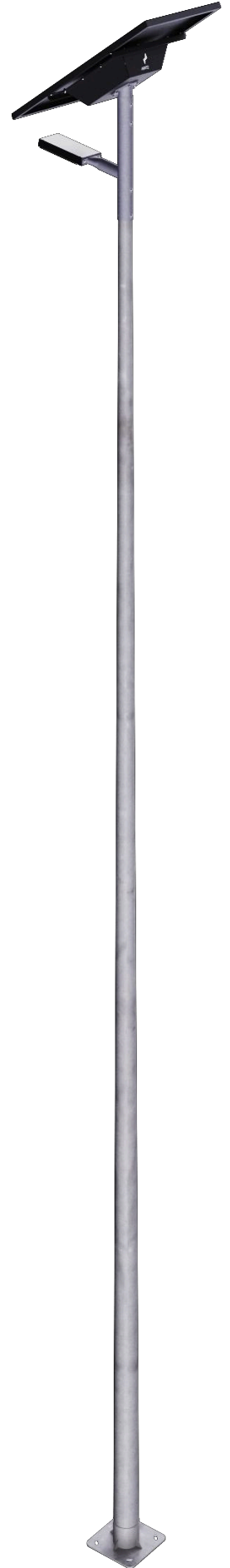
CLASS A LiFeP04 BATTERY

12,8V 72Ah (920 Wh)



HIGH EFFICIENCY LED CHIPS SMD3030C 220LM/W

Lifespan: 30 years



MAIN FEATURES

- Height from 6 to 9 metres.
- 60W power.
- Unique design.
- Optimal orientation.
- Customised support for Ø58-90 mm poles.
- Total orientation of the light beam.
- Adjustable and programmable power.
- Presence sensor for energy optimisation.
- Custom colors on request.

APPLICATIONS



HIGHWAYS



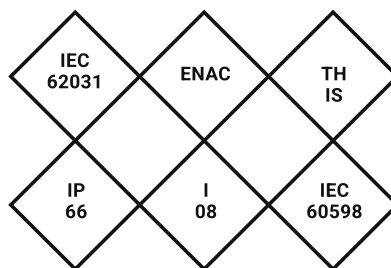
STREETS



URBANIZATIONS



PARKING LOTS



LUXIA 170

LUMINARY

Maximum power	60 W
Luminous flux	10.520 lm
LED panel	224lm/w (2x 8 PHE)
Real luminaire efficacy	< 196 lm/W
CCT	1.800/2.700/3.000/4.000 K
Driver with STARIA regulation algorithm	Automatic curve regulation
Dimensions	550 x 260 X 91 mm

PHOTOVOLTAIC PANEL

Panel Type	Monocrystalline - PERC black
Power	170 Wp
Efficiency	21,3%
Dimensions	770 x 1180 x 30 mm

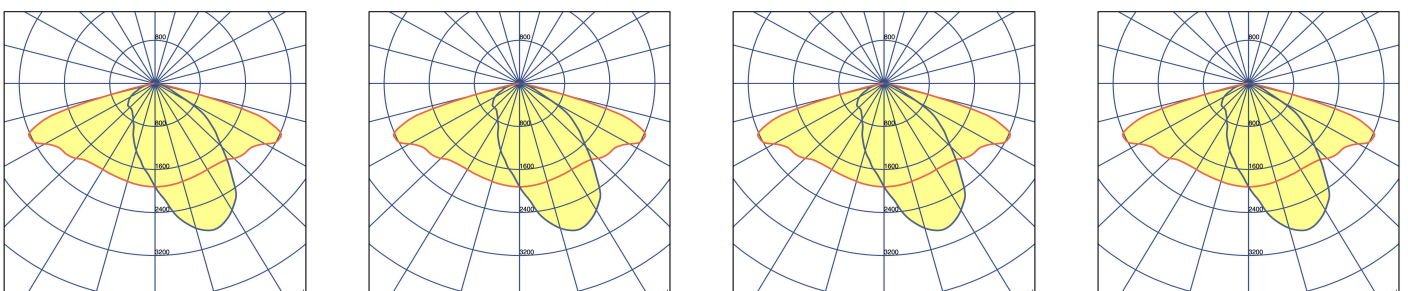
BATTERY

Type	Modular 36 - 50Ah de LiFePo4
Maximum capacity	25.6V/ 50 Ah (1280 Wh)
Autonomy	8 - 10 days
Charge/discharge cycles	3.000 - 3500

INSTALLATION

Installation height	4 - 10 m
Assembly time	25 minutes
IP rating	IP 66
IK rating	IK 10

PHOTOMETRY

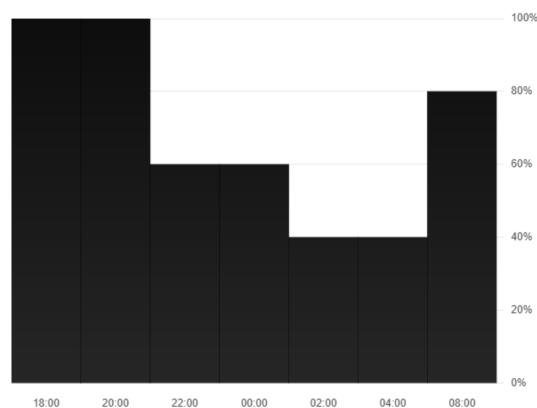


STANDARD USE MODE | LUXIA 170

The standard mode of use is based on the attached graph. If required, the standard mode can be supplemented with the motion sensor.

When the system detects presence, it will increase its light intensity to 80%. After no longer detecting presence, the system grants a courtesy time of 15 seconds.

The luminaire will automatically turn off when the Minimum Solar Radiation is exceeded.



	MAXIMUM POWER	COLOR TEMPERATURE (K)	LUMINOUS FLUX	LIGHTING EFFICIENCY	INSTALLATION HEIGHT (M)
LUXIA 170 2200	45	AMBER-PC	7370	122	4 - 9
LUXIA 170 2700	45	2700	8385	140	4 - 9
LUXIA 170 3000	45	3000	9644	160,5	4 - 9
LUXIA 170 4000	45	4000	10140	169,2	4 - 9
LUXIA 170 5000	45	5000	10975	182,9	4 - 9

DIMENSIONS

