

INFINITY 340



MONOCRYSTALLINE SOLAR PANEL

Lifespan: 30 years



FREE ENERGY

365 nights of guaranteed lighting



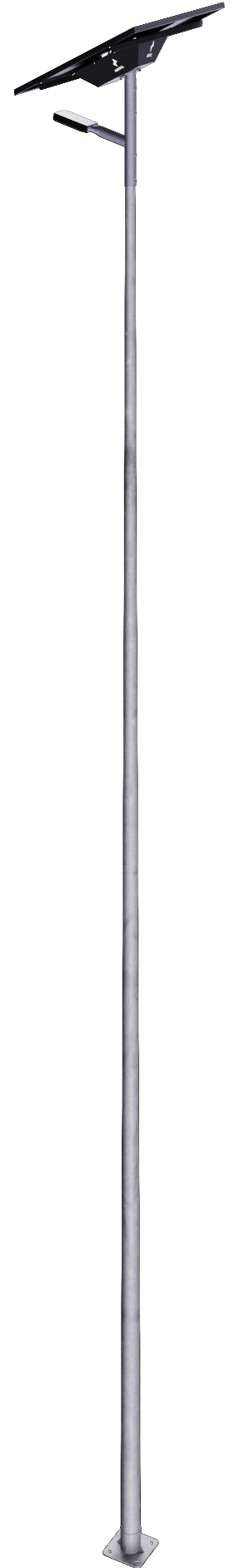
CLASS A LiFeP04 BATTERY

25,6V/72Ah (1843,2Wh)



SMD3030C HIGH EFFICIENCY LEDS CHIPS190LM / W

Lifespan: 30 years



MAIN FEATURES

- Height 6 - 9 metres.
- 100W 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



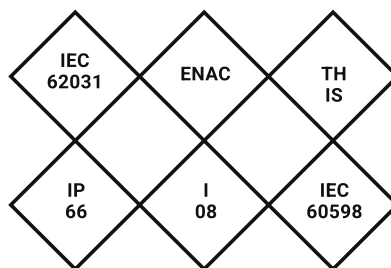
STREETS



URBANIZATIONS



PARKING LOTS



INFINITY 340

LUMINARY

Maximum power	100 W
Luminous flux	16.120 lm
LED panel	224lm/w (2x 8 PHE)
Real luminaire efficacy	< 186 lm/W
CCT	2.200/2.700/3.000/4.000 K
Driver with STARIA regulation algorithm	Automatic curve regulaiton
Dimensions	750 x 290 X 121 mm

PHOTOVOLTAIC PANEL

Panel Type	Monocrystalline - PERC black
Power	340 - 440 wp
Efficiency	21.3%
Dimensions	1550 x 1180 x 30 mm

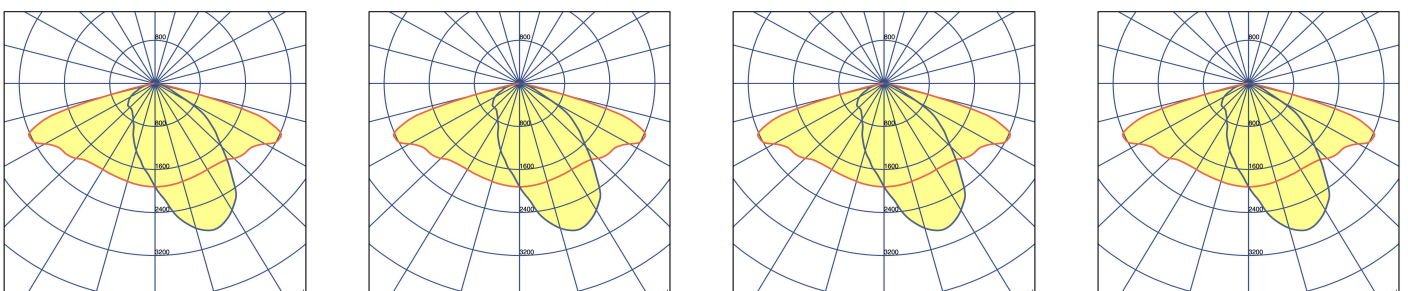
BATTERY

Type	18Ah LiFePo4 modular batteries
Maximum capacity	25,6V/ 72 Ah (1843 Wh)
Autonomy	8 - 10 days
Charge/discharge cycles	3.000 - 3500

INSTALLATION

Installation height	6 - 12 m
Assembly time	35 minutes
IP rating	IP 66
IK rating	IK 10

PHOTOMETRY

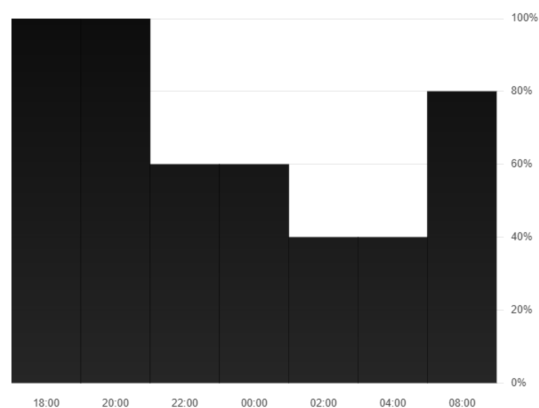


STANDARD USE MODE | INFINITY 340

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.



DIMENSIONS

