

SAT80



MONOCRYSTALLINE SOLAR PANEL

Lifespan: 30 years



FREE ENERGY

365 nights of guaranteed lighting



CLASS A LiFeP04 BATTERY

12,8V 50Ah (640 Wh)



HIGH EFFICIENCY LED 220LM/W

Lifespan: 30 years



MAIN FEATURES

- Height: 4 - 9 metres.
- Power: 40W.
- Unique design.
- Optimal orientation.
- Customised support for Ø50-78 mm poles.
- Total orientation of the light beam.
- Adjustable and programmable power.
- Presence sensor for energy optimisation.
- Custom colors on request.

APPLICATIONS



ROADS



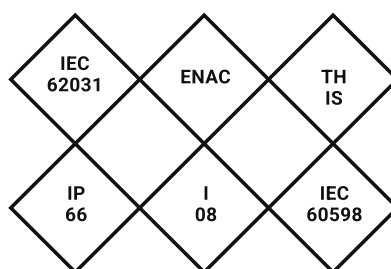
STREETS



URBANIZATIONS



PARKING LOTS



SAT 80

LUMINARY

Maximum power	40 W
Luminous flux	7.792 lm
LED panel	224lm/w (2x 8 PHE)
Real luminaire efficacy	195.8 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	80 Wp
Efficiency	21.3%
Dimensions	740 x 590 x 25 mm

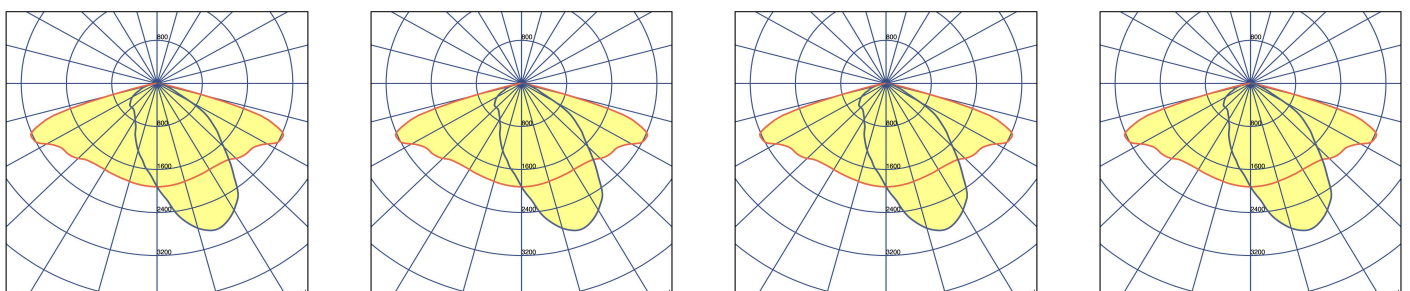
BATTERY

Type	Modular batteries 32 - 50Ah LiFePo4
Maximum capacity	12.8V/ 50 Ah (640 Wh)
Autonomy	3 - 6 days
Charge/discharge cycles	3.000 - 3500

INSTALLATION

Installation height	4 - 9 m
Assembly time	20 minutes
IP rating	IP 66
IK rating	IK 10

PHOTOMETRY

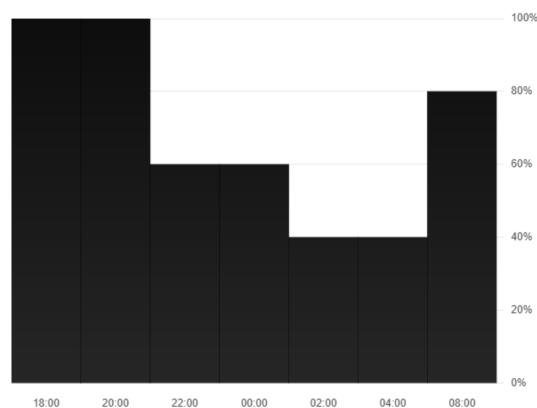


STANDARD USE MODE | SAT 80

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)
SAT 80 2200	32	2200	4347	145	4 - 9
SAT 80 2700	32	2700	4914	164	4 - 9
SAT 80 3000	32	3000	6095	190,5	4 - 9
SAT 80 4000	32	4000	6227	194,6	4 - 9
SAT 80 5000	32	5000	6312	197,3	4 - 9

DIMENSIONS

