

Solar Mains Hybrid LED Street Light

Hybrid LED Street Lighting

Runs on solar power to reduce energy running costs & carbon use with mains backup for critical lighting applications.

Reduces reliability on use of mains power by 60—90% .

Quick & easy to install for many commercial applications:

New Build & Retrofit infrastructure, Car parks, Schools, Parks, Cycle tracks, Recycle plants, Transportation terminals, Fly-Tipping, Ports, Perimeter & assist CCTV Security plus more.

Motion Dimming control with Multi-Directional solar panel.

Runs at 20% brightness & boosts to 100% when presence is detected then dims back to 20% brightness when motion is no longer detected.

Fully automated from dusk until dawn operating all year round.



VADER3



Solar powered



Auto on/off



Outdoor



PIR



Easy installation



Images shown are for illustration purposes only & specification is subject to change

Item Number	Specification	
VADER20W3M	Power	20W 30W & 50W LED Equivalent
	Chipset	SMD 3030
	Lumens	2600 3900 & 6500 Lumens respectively
VADER30W3M	Solar Panel	Polycrystalline Silicone
VADER50W3M	Battery	30Ah 3.2V Lithium Ion (thermal wrapped)
	CCT	3000K / 4000K / 6000K options available
	Light Distribution	90° Beam angle
	Operation	*Motion sensor dimming option runs at 20% until motion detected
	Mains Input	AC 175 - 265V 50/60Hz mains backup power (automatic)
	Material	Aluminium
	Weight	4.04 Kg 4.04Kg & 5.8Kg respectively
	Rating	IP65 RoHS CE UKCA
	Working Temp	-20°C ~ 60°C
	Dimensions	20W/30W Head 520 x 210 x 70mm & Panel 670 x 350 x 17mm
		50W Head 590 x 245 x 95mm & Panel 670 x 445 x 17mm
	Install Dist. & Height	20 - 25m & 25 - 35m Respectively. Install Height 4 - 8m
	Pole size Ø	Outreach Arm supplied fits 60 mm Diameter Pole & Wall mount



Designed in the UK