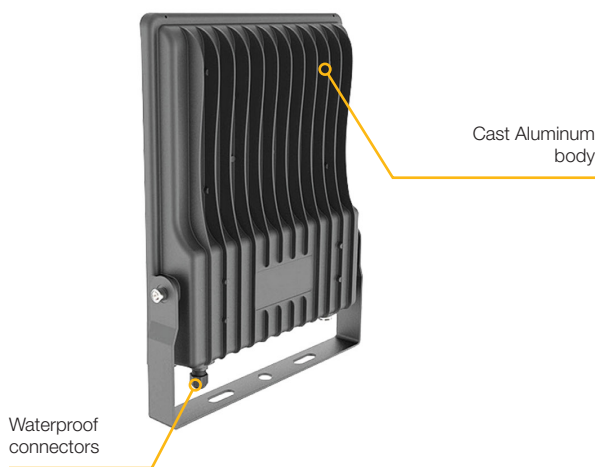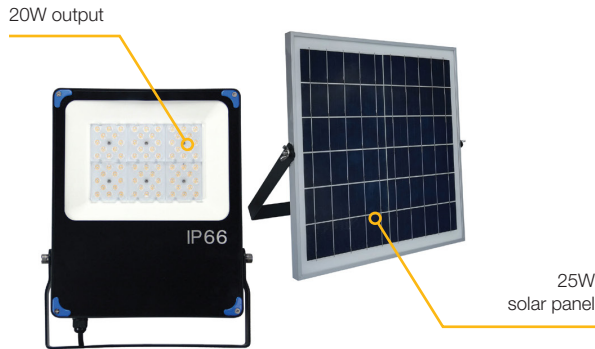# LightSource SOLAR
AUSTRALIA

20W Solar Flood Light

The 20w floodlight is a purpose-built commercial grade solar security light. The lights custom smart programming incorporates an extremely sensitive 360° radar sensor system where the light will operate at 20% output until the movement activated radar is triggered, instantly switching to full output. The light output produced by the premium Epistar LEDs set at a 120° angle ensure large areas are illuminated effectively. Solar panel and light head mounting hardware are included. The 5000mm of cabling between the light head and the solar panel allow the panel to be remote located to achieve maximum photovoltaic conversion or allow the light head to be installed under cover. Extensions cables are available.

Luminaire Height	**3-5m**
Lumen Output	**2400 lm**
LED Output	**20W**

FEATURES

Commercial grade solar security lighting

Adjustable lamp and panel brackets included

High quality inbuilt LifeP04 battery

Radar sensor lighting 20% to 100% when movement is detected

>3 nights Autonomy

Wall or column mountable

Custom bracketing or powdercoated poles available on request

Premium Epistar LED's

5mtr panel to light head cable, extensions available

IP66 waterproof rating

2 year warranty for faulty workmanship or component failure not influenced by external means

20W output

IP66

25W
solar panel

Epistar 3030 LED

IP66

Premium
LiFeP04 battery

Mounting bracket
included

Cast Aluminum
body

Waterproof
connectors

Applications

Security | Perimeter lighting | Home | Office | Factory

Technical Data

Solar Panel Wattage	**25W**
LED Output	**20W**
Lumen Output	**2400 lm**
Battery Type	**LiFePO4**
Battery Specifications	**24AH 3.2V (76Wh)**
Autonomy	**> 3 nights**
Correlated Colour Temp (CCT)	**6000K**
Fixture Size	**299.6 x 269 x 51.8 mm**
Light Source	**Epistar 3030**
Recharge	**6 hours**
Mounting Height	**3 - 5 metres**
Mounting	**Wall or Column**
Finish	**Powdercoated cast aluminum**
Warranty Period	**2 years**
SKU	**SOLL/20**

Mode of Operation

The 360° radar sensor is activated by movement and acts as a power saving feature. The light will operate at 20% output until the radar is activated where it will operate at 100% until no movement is detected returning to 20% output.