



 **Redilight[®]**

Powered by the Sun



About Redilight®

Redilight is proudly an Australian Company which offers a Green Energy solution for light starved areas around the home or office.

Redilight can be used as a Skylight alternative or it can be used as a Hybrid Light incorporating both Solar and Grid power.

Unlike traditional skylights, Redilight's innovative design overcomes the challenges of building structures, difficult roof lines and multi-level dwellings. Say goodbye to those large and unsightly roof penetrations which can compromise your roof's integrity.

Simply mount the solar panel on the roof and run the interconnecting cable to the Redilight Skyfixture -it really is that easy

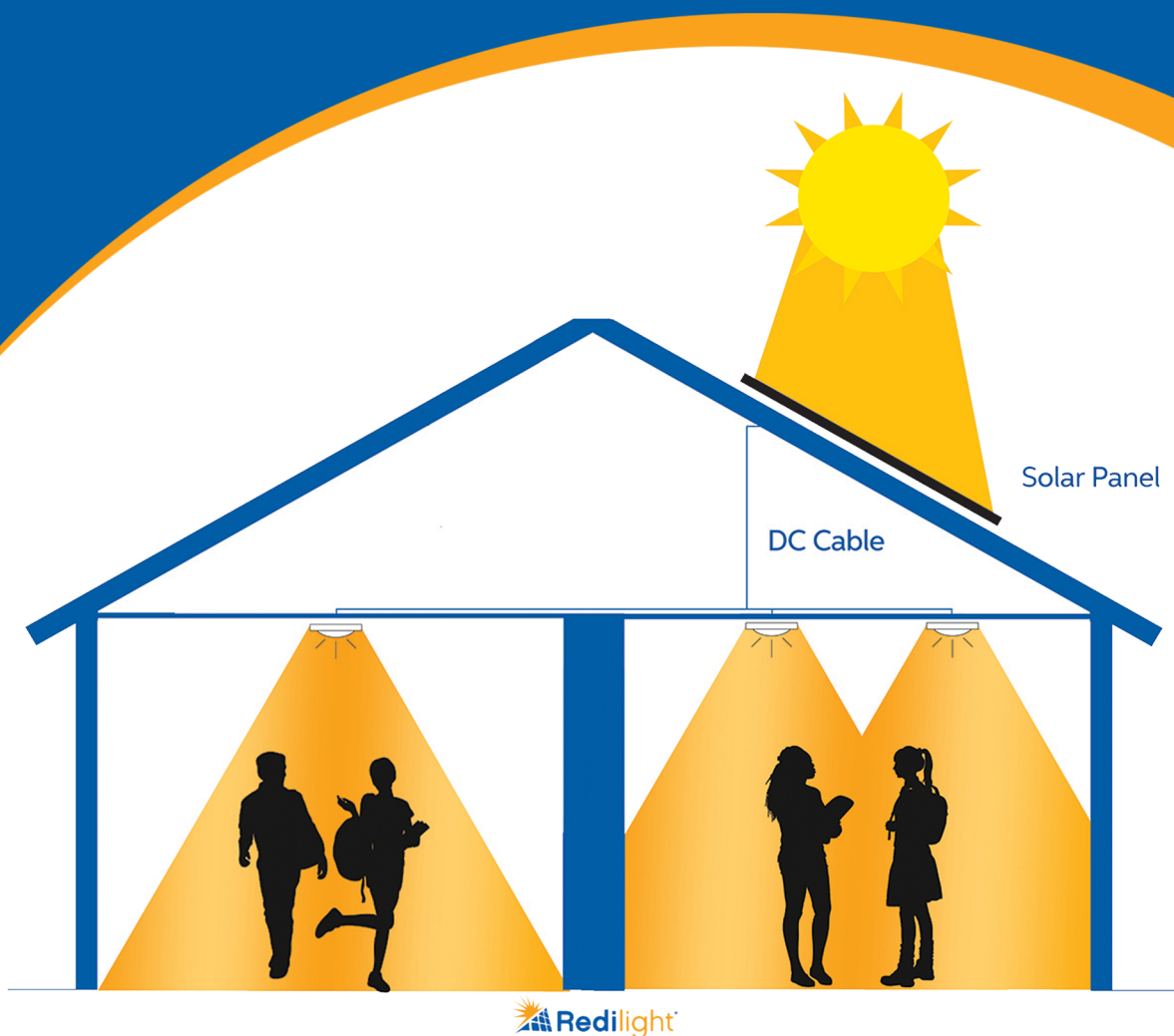


How Redilight® Works

The Redilight solar panel converts energy from the sun to deliver extra low voltage to your Redilight Skyfixture(s).

The light works on a sun-up-sun-down effect, with the brightness increasing as the sun rises during the day then decreasing as the sun sets.

Want more light? Redilight's optional Hybrid Day/Night Kit allows the Skyfixture to be switched between solar or extra low voltage grid power at any time for full powered light



APPLICATION

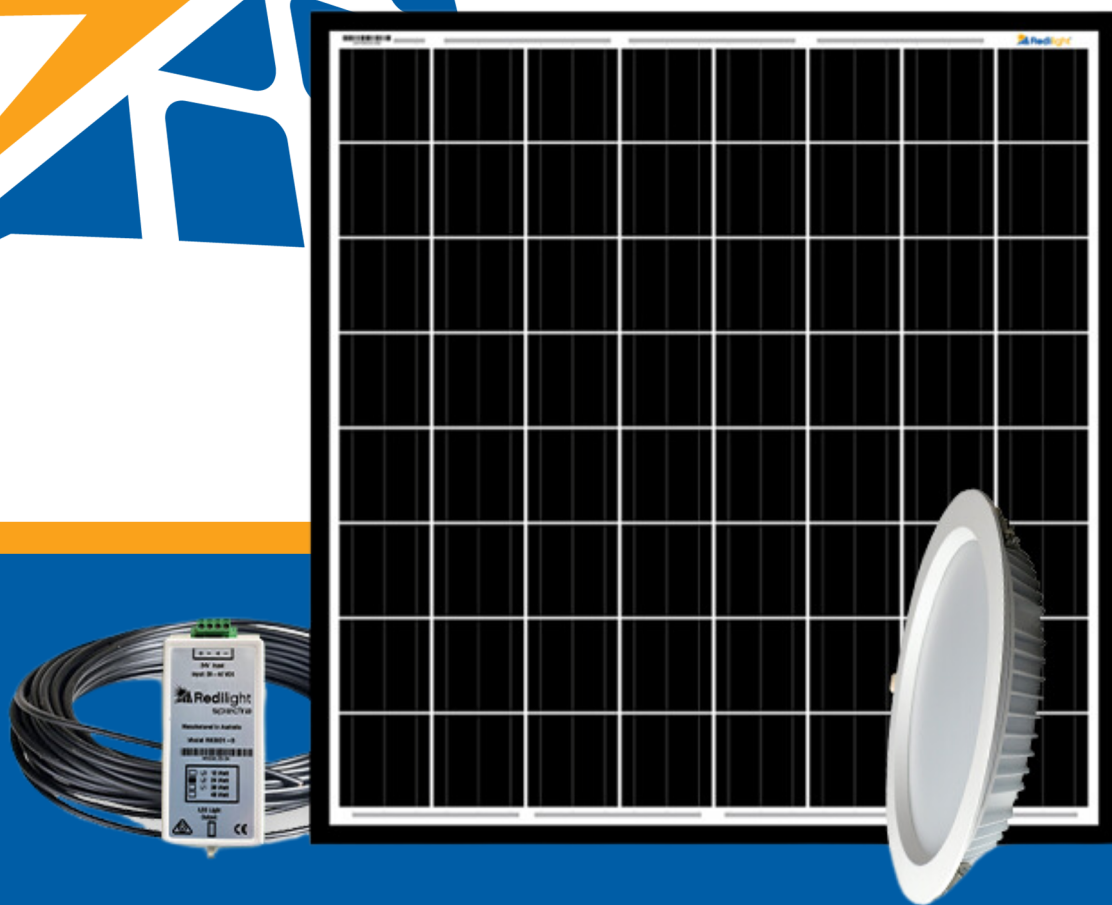
- New and existing homes
- Retirement Villages/Aged Living
- Common area and hallway lighting
- Renovations and additions
- Commercial offices and showrooms
- Single, Split and Multi Level dwellings
- Community Lighting
- Town houses/Apartments

ADVANTAGES

- No more unsightly roof penetrations that could compromise your roofs integrity
- Reduced risk of water and storm damage
- Easy to install DIY kits available
- Increases the efficiency of the home with no heat gain in summer or heat losses during winter.
- Reduced security risk of unwanted intruders entering via a roof penetration
- Multi-level dwellings are no longer an expensive exercise if requiring light to a ground floor
- The optional Hybrid Day/Night kit allows you to use the same Redilight at night



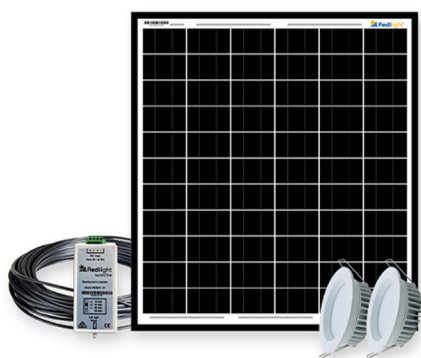
Redilight®



MOST POPULAR
COMPLETE KIT
OPTIONS

20 watt Complete Kit Options

Ideal for room sizes up to 8m² For example: Ensuite, WIR, Butlers Pantry, Hallway



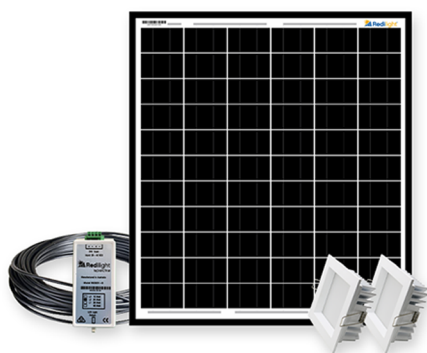
popular for



2x 6 watt Skyfixtures & 20 watt solar panel

Kit code - RS20-SRR5/2

- 20watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 2 x 6watt recessed round lights (110mm)
 - 1 x 2way splitter box
 - 2 x 5m extension cables
 - 1 x 12watt Driver
- # Remote control option available



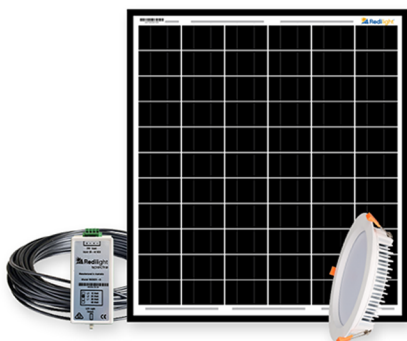
popular for



2x 6 watt Skyfixtures & 20 watt solar panel

Kit code - RS20-SRS5/2

- 20watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 2 x 6watt recessed square lights (110mm)
 - 1 x 2way splitter box
 - 2 x 5m extension cables
 - 1 x 12watt Driver
- # Remote control option available



popular for



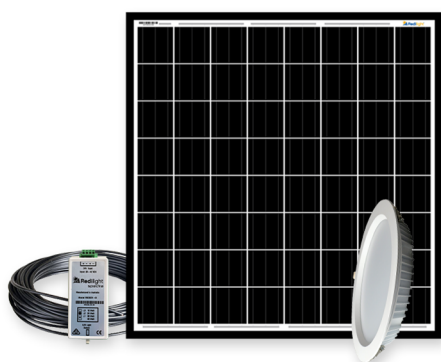
12 watt Skyfixture & 20 watt solar panel

Kit code - RS20-MRR5

- 20watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 1 x 12watt recessed round light (220mm)
 - 1 x 12watt Driver
- # Remote control option available

35 watt Complete Kit Options

Ideal for room sizes between 8m² - 16m²



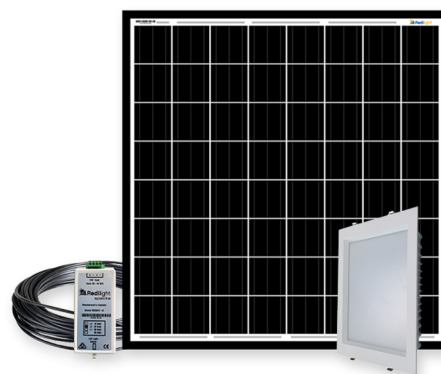
popular for



24 watt Skyfixture & 35 watt solar panel

Kit codes - (RS-SPK30 + RS-RR5)

- 35watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 24watt recessed round light (330mm)
- 1 x 24watt Driver
- # Remote control option available



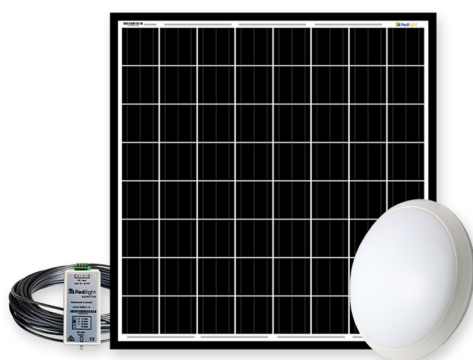
popular for



24 watt Skyfixture & 35 watt solar panel

Kit codes - (RS-SPK30 + RS-RS5)

- 35watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 24watt recessed square light (330mm)
- 1 x 24watt Driver
- # Remote control option available



popular for



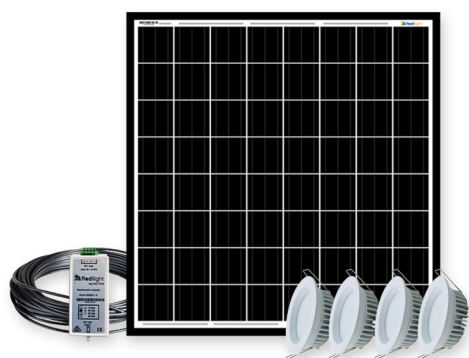
24 watt surface light & 35 watt solar panel

Kit codes - (RS-SPK30 + RS-SO5)

- 35watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 24watt surface mount light (330mm)
- 1 x 24watt Driver
- # Remote control option available

35 watt Complete Kit Options

Ideal for room sizes between 8m² - 16m²



popular for



bathroom

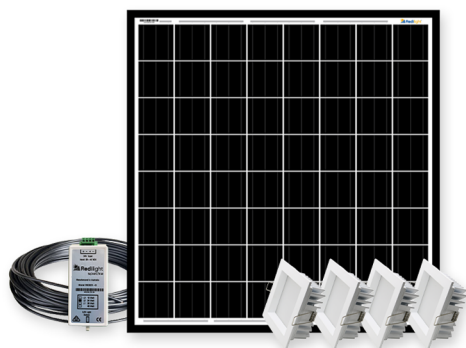


pantry

4 x 6 watt Skyfixtures & 35 watt solar panel

Kit codes – (RS-SPK30 + RS-SRR5/4)

- 35watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 4 x 6watt recessed round lights (110mm)
 - 1 x 4way splitter box
 - 4 x 5m extension cables
 - 1 x 24watt Driver
- # Remote control option available



popular for



kitchen



dining

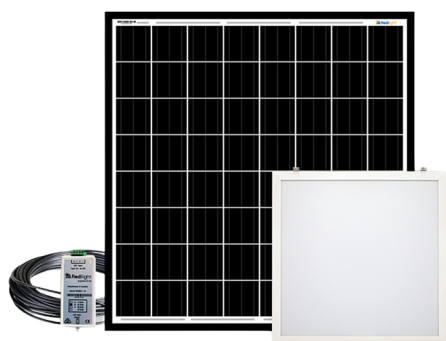


living

4 x 6 watt Skyfixtures & 35 watt solar panel

Kit codes – (RS-SPK30 + RS-SRS5/4)

- 35watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 4 x 6watt recessed square lights (110mm)
 - 1 x 4way splitter box
 - 4 x 5m extension cables
 - 1 x 24watt Driver
- # Remote control option available



popular for



kitchen



dining



living

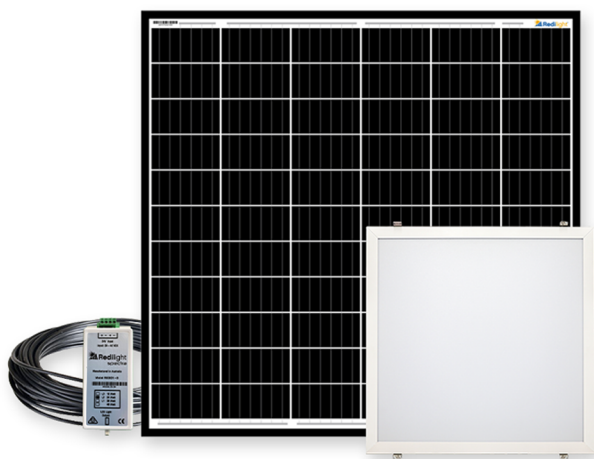
24 watt panel light (450 x 450) & 35 watt solar panel

Kit codes – (RS-SPK30 + RS-45x45RS5/24)

- 35watt Solar Panel
 - 10m of DC cable
 - Mounting Bracket kit (Tile or Metal roof)
 - 24watt recessed square light (450x450mm)
 - 1 x 24watt Driver
- # Remote control option available
Optional 450mm surface frame available

75 watt Complete Kit Options

Ideal for room sizes between 12m² - 20m²



popular for



kitchen



dining

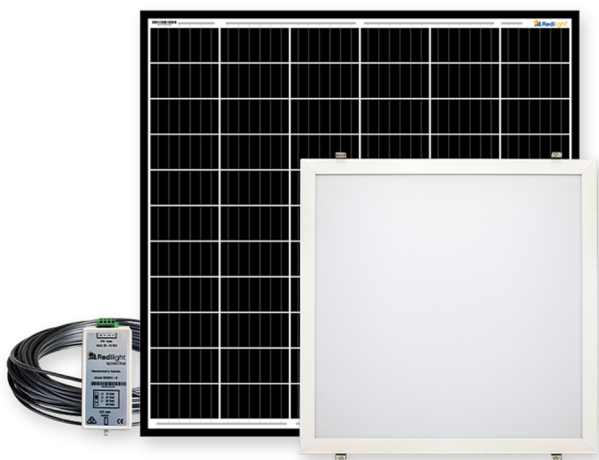


living

36 watt panel light (450 x 450) & 75 watt solar panel

Kit codes – (RS-SPK65 + RS-45x45RS5)

- 75watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 1 x 36watt recessed square light (450x450mm)
- 1 x 36watt Driver
- # Remote control option available
- # Optional 450mm surface mount frame available



popular for



kitchen



dining



living

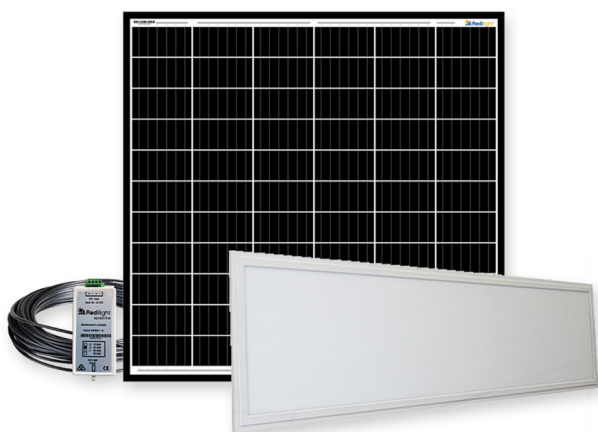
48 watt panel light (600 x 600) & 75 watt solar panel

Kit codes – (RS-SPK65 + RS-6x6RS5)

- 75watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 1 x 48watt recessed square light (600x600mm)
- 1 x 48watt Driver
- # Remote control option available
- # Optional 600mm surface mount frame available

75 watt Complete Kit Options

Ideal for room sizes between 12m² - 20m²



popular for



kitchen



dining

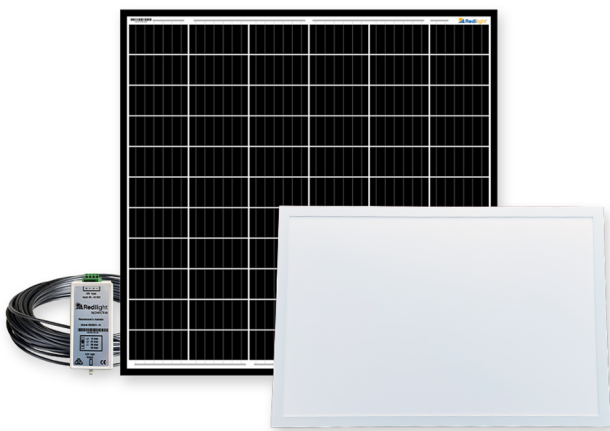


living

48 watt panel light (1200 x 300) & 75 watt solar panel

Kit codes – (RS-SPK65 + RS-12x3RF5)

- 75watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 1 x 48watt recessed rectangle light (1200x300mm)
- 1 x 48watt Driver
- # Remote control option available
- # Optional 12x3 surface mount frame available



popular for



kitchen



dining



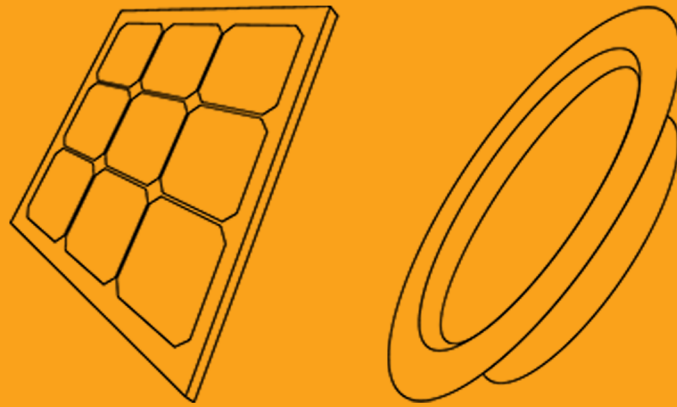
living

48 watt panel light (900 x 600) & 75 watt solar panel

Kit codes – (RS-SPK65 + RS-9x6RS5)

- 75watt Solar Panel
- 10m of DC cable
- Mounting Bracket kit (Tile or Metal roof)
- 1 x 48watt recessed rectangle light (900x600mm)
- 1 x 48watt Driver
- # Remote control option available
- # Optional 9x6 surface frame available

How to Build Your Own Kit



75 watt Solar Panel Build Examples

Example 1

If you wanted to install 2 x 24watt round lights, this is how you would build and order the kit:

Firstly, calculate the total wattage of the lights which in this case is $2 \times 24 = 48$ watts.

Secondly, choose a solar panel size that is higher than the total load so for this job it would be a 75watt solar panel.

Here are the codes for the order - **1 x RS-SPK65 + 2 x RS-RR5**

Example 2

If you wanted to install 1 x 24watt round light plus 2 x 12watt lights in separate rooms, this is how you would build and order the kit:

Firstly, calculate the total wattage of the lights which in this case is $24 + 12 + 12 = 48$ watts.

Secondly, choose a solar panel size that is higher than the total load so again for this job it would be a 75watt solar panel.

Here are the codes for the order - **1 x RS-SPK65 + 1 x RS-RR5 + 2 x RS-MRR5**

Note: Ideally max out the load at around the 48watts to allow a bit of head room for those low light condition days.

150 watt Solar Panel Build Examples

Example 1

If you wanted to install 2 x 48watt square 6x6 lights, this is how you would build and order the kit:

Firstly, calculate the total wattage of the lights which in this case is $2 \times 48 = 96$ watts. Secondly, choose a solar panel size that is higher than the total load so for this job it would be a 150watt solar panel.

Here are the codes for the order - **1 x RS-SPK135 + 2 x RS-6x6RS5**

Example 2

If you wanted to install 2 x 48watt square 6x6 lights plus 1 x 24watt square light in separate rooms, this is how you would build and order the kit:

Firstly, calculate the total wattage of the lights which in this case is $48 + 48 + 24 = 120$ watts.

Secondly, choose a solar panel size that is higher than the total load so for this job it would be a 150watt solar panel.

Here are the codes for the order - **1 x RS-SPK135 + 2 x RS-6x6RS5 + 1 x RS-RS5**

Note: Ideally max out the load at around the 48watts to allow a bit of head room for those low light condition days.

250 watt Solar Panel Build Examples

Example 1

If you wanted 4 x 48watt rectangle 12x3 lights, this is how you would build and order the kit:

Firstly, calculate the total wattage of the lights which in this case is $4 \times 48 = 196$ watts.

Secondly, choose a solar panel size that is higher than the total load so for this job it would be a 250watt solar panel.

Here are the codes for the order - **1 x RS-SPK250 + 4 x RS-12x3RS5**

Note: Ideally max out the load at around the 48watts to allow a bit of head room for those low light condition days.

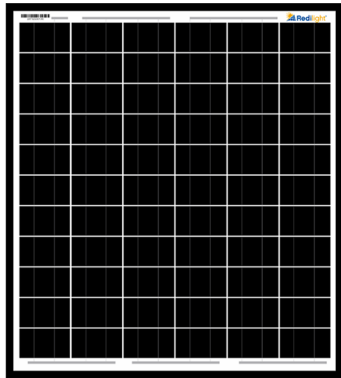


Helpful Tips to Remember

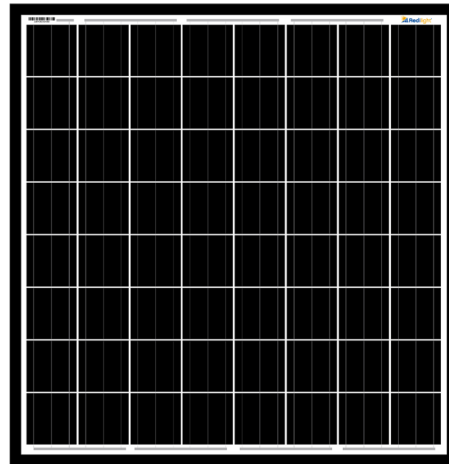
- When ordering a solar panel kit, always add the letter 'T' or 'M' at the end of the code which indicates either Tile roof brackets or Metal roof brackets
 - When ordering Skyfixture kits (Lights), if you require a remote control for a light then simply add '/RC' to the end of the code i.e. RS-RR5/RC
 - If you have a job where you might want more lights at a later date, then choose a bigger solar panel initially and add more lights later.
- Remember that the small 6watt lights only come in kits of 2 or 4. The reason for this is that the Redilight driver is configured at either 12, 24, 36 or 48 watt increments. For example- If you install only one 6watt light on a 12watt driver then the light will fail prematurely because it received too much power.
- Regarding the larger flat panel series Skyfixtures, they come standard with recess mount clips so you can recess them into the ceiling for a flush finish. But if you cannot recess the light then you can purchase a surface frame where it will screw to the ceiling then you slide the Skyfixture into it.



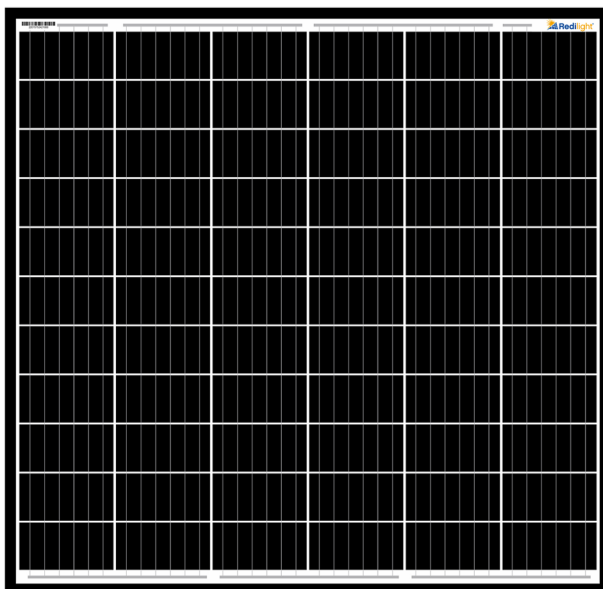
Solar Panel Options



**20 watt
solar panel**



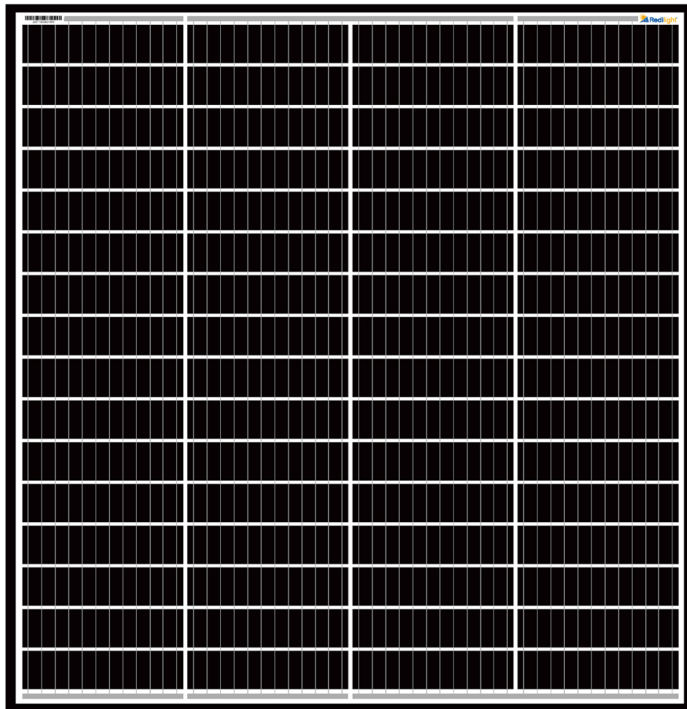
**35 watt
solar panel**



**75 watt
solar panel**

**Kit codes – RS-SPK20 or RS-SPK30
or RS-SPK65**

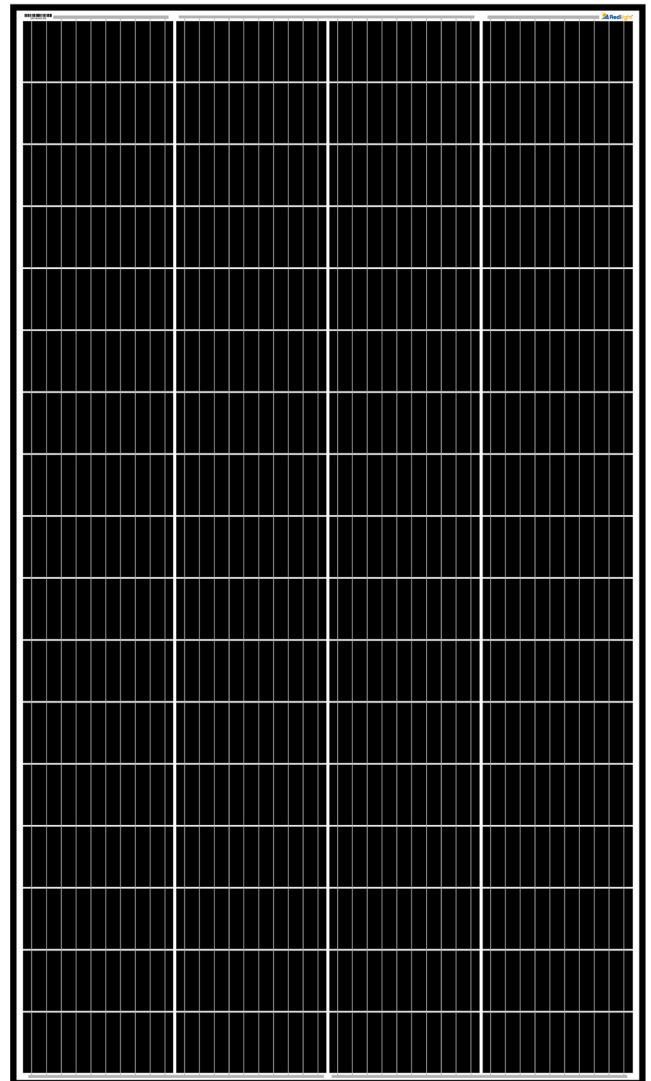
- Monocrystalline Solar Panel
- 10m of DC cable to run to lights
- Standard Mounting Bracket kit (Tile or Metal roof)
- # Optional Heavy Duty mounting bracket for cyclone areas available
- # Optional Tilt leg kit for flat metal roofs available



**150 watt
solar panel**

Kit codes – RS-SPK135 or RS-SPK250

- Monocrystalline Solar Panel
- 20m of DC cable for running between lights
- Heavy Duty Mounting Bracket kit (Tile or Metal roof)
- # Optional Tilt leg kit for flat metal roofs available
- # Kliplok roof brackets also available



**250 watt
solar panel**

12 watt Skyfixture Kit Options



12 watt Skyfixture (220mm)
Product Code: RS-MRR5



**12 watt Skyfixture (220mm)
with Remote Control**
Product Code: RS-MRR5/RC



2 x 6 watt Skyfixture (110mm)
Product Code: RS-SRR5/2



**2 x 6 watt Skyfixture (110mm)
with Remote Control**
Product Code: RS-SRR5/2/RC



2 x 6 watt Skyfixture (110mm)
Product Code: RS-SRS5/2



**2 x 6 watt Skyfixture (110mm)
with Remote Control**
Product Code: RS-SRS5/2/RC

24 watt Skyfixture Kit Options



24 watt Skyfixture (330mm)
Product Code: RS-RR5



**24 watt Skyfixture (330mm)
with Remote Control**
Product Code: RS-RR5/RC



24 watt Skyfixture (330mm)
Product Code: RS-RS5



**24 watt Skyfixture (330mm)
with Remote Control**
Product Code: RS-RS5/RC



**24 watt Skyfixture (330mm)
Slimline Surface Mount**
Product Code: RS-SO5



**24 watt Skyfixture (330mm)
Slimline Surface Mount
with Remote Control**
Product Code: RS-SO5/RC

24 watt Skyfixture Kit Options



4 x 6 watt Skyfixture (110mm)
Product Code: RS-SRR5/4



**4 x 6 watt Skyfixture (110mm)
with Remote Control**
Product Code: RS-SRR5/4/RC



4 x 6 watt Skyfixture (110mm)
Product Code: RS-SRS5/4



**4 x 6 watt Skyfixture (110mm)
with Remote Control**
Product Code: RS-SRS5/4/RC



24 watt Skyfixture (450mm)
Product Code: RS-45X45RS5/24

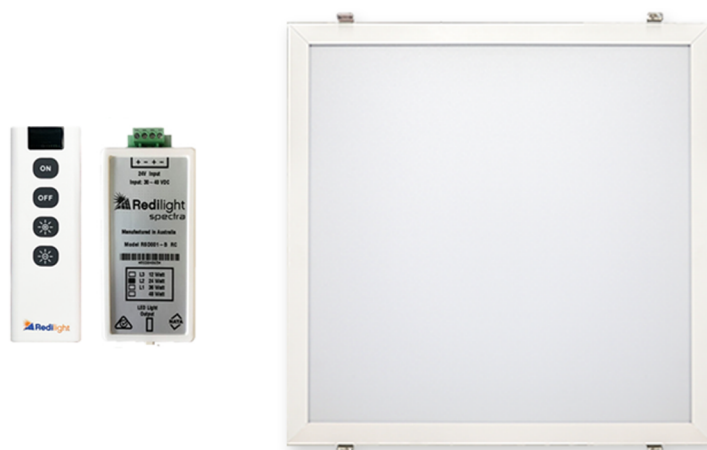


**24 watt Skyfixture (450mm
with Remote Control)**
Product Code: RS-45X45RS5/24/RC

36 watt Skyfixture Kit Options



36 watt Skyfixture (450mm)
Product Code: RS-45X45RS5



**36 watt Skyfixture (450mm)
with Remote Control**
Product Code: RS-45X45RS5/RC

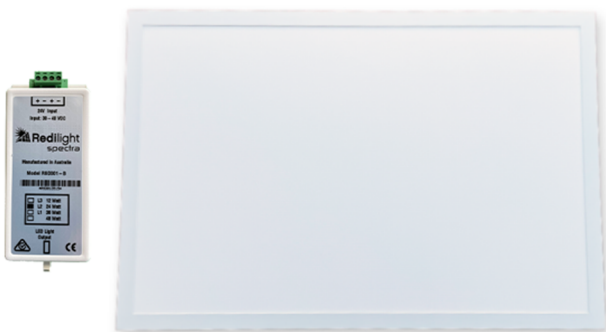
48 watt Skyfixture Kit Options



48 watt Skyfixture (600mm)
Product Code: RS-6X6RS5



**48 watt Skyfixture (600mm)
with Remote Control**
Product Code: RS-6X6RS5/RC



48 watt Skyfixture (900x600mm)
Product Code: RS-9X6RS5



**48 watt Skyfixture (900x600mm)
with Remote Control**
Product Code: RS-9X6RS5/RC



48 watt Skyfixture (1200x300mm)
Product Code: RS-12X3RF5



**48 watt Skyfixture (1200x300mm)
with Remote Control**
Product Code: RS-12X3RF5/RC

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