

STABLE BLOCK – EXTERNAL LIGHTING PLAN

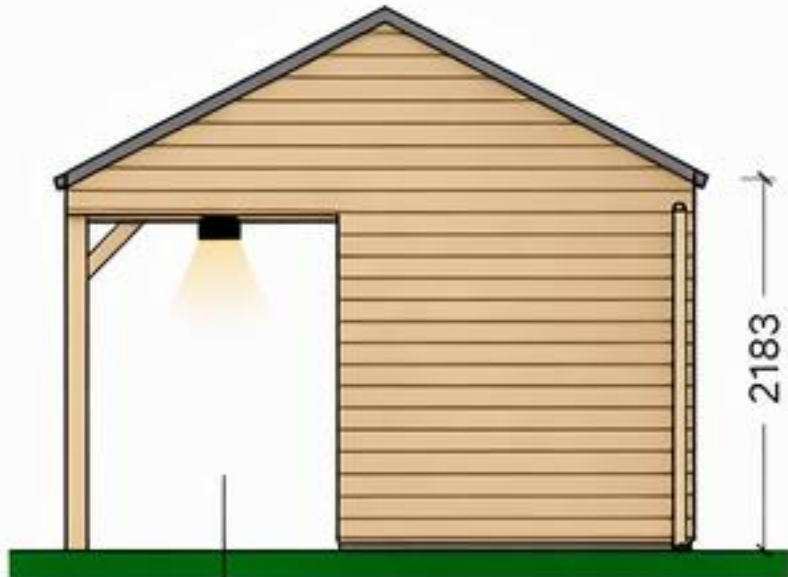
pv's to south east to power stable block



South East Elevation (front)

2 x downward facing
LED lights under canopy
(manual use, $\leq 3000\text{K}$)

1 x downward facing
LED light under trailer
overhang
(manual use, $\leq 3000\text{K}$)



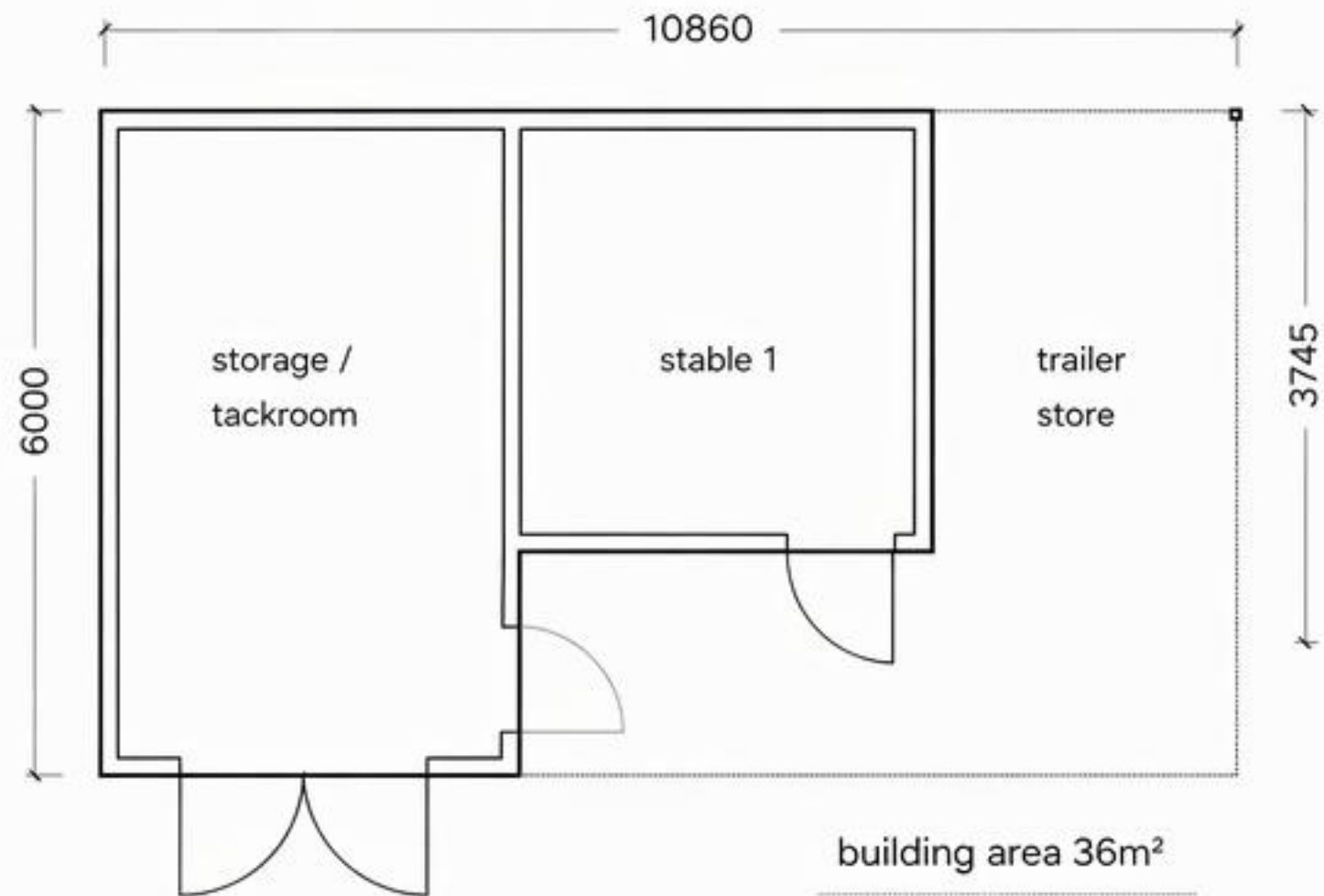
North East Elevation (side)

1 x downward facing
LED light under trailer
overhang
(manual use, $\leq 3000\text{K}$)
(centre mounted)



North West Elevation (rear)

1 x downward facing
LED light under trailer
overhang
(manual use, $\leq 3000\text{K}$)
(centre mounted)



Floor Plan

All external lights to be downward facing only.
No upward light spill. Warm white ($\leq 3000\text{K}$).
Lighting to be used only when required.

SPECIFICATION

Agricultural metal sheet roofing (dark colour)
pvc rainwater goods
(rainwater collected in water butts)
19mm shiplap oak timber cladding
lightweight block / timber internal walls
oak framing and timber doors

Internal lighting to stable block
to be used only when in use.
No external light spill.

KEY



Downward facing LED light
(manual use, $\leq 3000\text{K}$)



Direction of light

LIGHTING SPECIFICATION & INFORMATION

Lighting schedule

- 2 x LED lights under canopy (stable working area)
- 1 x LED light under trailer store overhang (centre mounted)

Location

- All lights are fixed to the underside of the roof structure.
- See elevations for positions.

Orientation

- All lights are downward facing only.

Lighting level

- Warm white LED ($\leq 3000\text{K}$)
- Low level lighting suitable for functional use only.
- No upward light spill. Lights used only when required.

Fixing apparatus

- Lights fixed to underside of roofing using suitable stainless steel fixings. All cabling concealed and securely fixed.

Ecology / Guidance compliance

The lighting scheme is designed in accordance with guidance set out in Conservation Trust and Institute of Lighting Professionals (2023) 'Bats and Artificial Lighting at Night'. The scheme uses low level, warm white, downward facing lighting only, controlled for manual use, to minimise impact on ecological networks and sensitive features.