

LS9402LED Spike mount: Vedita

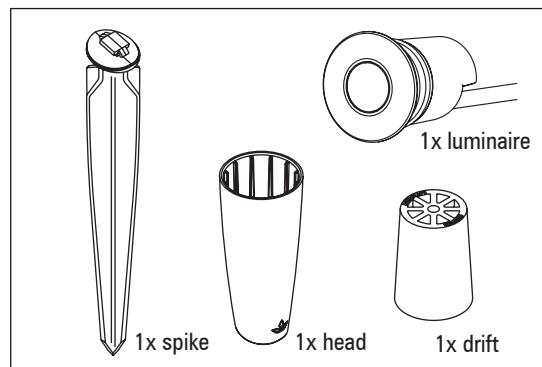
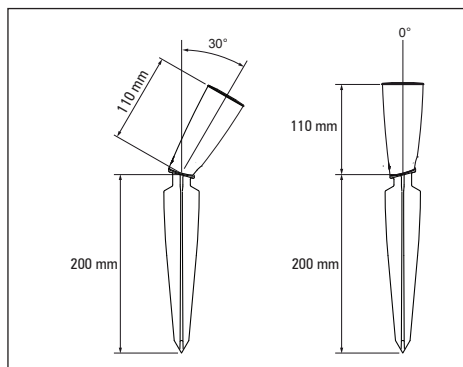
Warranty voided if not installed as per installation instructions

Note: Fixture uses intelligent driver. Always leave on for 20 seconds unless programming.

WARNING

It is strongly recommended to use LEDscape power supply or transformer

Opening luminaire will void warranty



1. Use a LEDscape supplied 24 V DC ripple free power supply or LEDscape magnetic transformer, locate centrally in relation to the luminaires. **NOTE:** Generally 24 V DC ripple free power supplies should be installed in a well ventilated fully under cover environment. **NOTE:** DC Power supplies are more efficient than AC transformers. Under no circumstances can an 'electronic' transformer be used, this may damage the product.

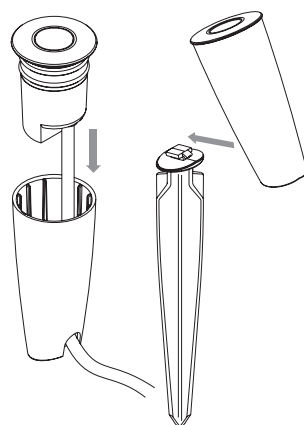
2. Mark actual locations of luminaires to be installed. Using the charts overleaf calculate the cable size on each run including all luminaires to be connected to a run of cable. Use the same chart to select power supply.

3. Calculate the distances and use the attached table to calculate sizes and Power Supply sizes. **NOTE:** If dimming is required 4 wires must be run. 1 mm cable is adequate for the dimming signal. **NOTE:** Standard cable is 8 m long and may be extended or shortened as required. Any joint must be watertight or warranty will be void.

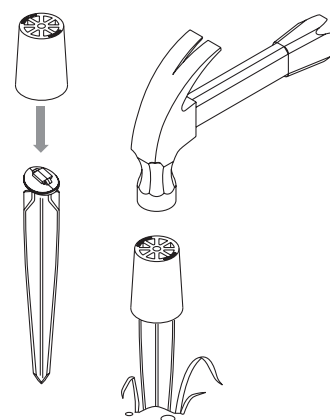
4. Lay cable from power supply/transformer for each cable run. **NOTE:** If dimming is required then four conductors will be required. For non-dimmed (usual installation) only two conductors are required. Dimming circuit can use 1 mm cable.

When installing each luminaire, leave enough cable at each luminaire location to allow for future re-positioning as your garden matures (1 m is usually plenty).

5. Feed cable of LS9402LED through head and insert LS9402LED fully. Slide head onto spike. **NOTE:** the head can be slid onto the spike in two directions to provide a vertical or 30° orientations.



6. If difficult to push fully into ground by hand, push in enough to maintain desired orientation. Remove head from spike. Place drift over spike and strike drift with hammer until spike is home. Reattach head and check aiming.



7. Connect the luminaire cable to the supply cable using the wire nuts supplied. The luminaire cable may need to be trimmed to length as it is supplied standard at 8 metres in length. Full length of luminaire cable can be used if required. Keep any joints dry. **NOTE:** The orange and grey wires are for optional pwm digital dimming using 0-10 V. LEDscape accessory LS6125 is required. If dimming is not required, do not connect these wires. In any case ensure they are kept dry.

8. Connect luminaire cables to power supply, making sure indexed or coloured legs are grouped with indexed or coloured legs, and non-indexed or coloured legs with non-indexed or coloured legs.

9. Connect supply/transformer to power, switch on and check each luminaire is operating.

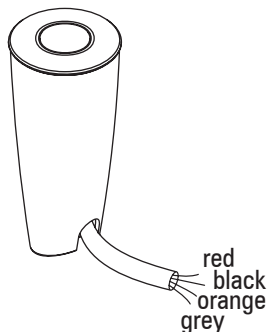
10. At night, adjust and aim you luminaires to achieve the desired effect.

NOTE: These installation instructions are accepted in most areas. Some supply authorities may require alternative installation methods.

Should you experience any difficulty, please contact LEDscape directly: phone 07 3286 2299 or email support@ledscape.com.au

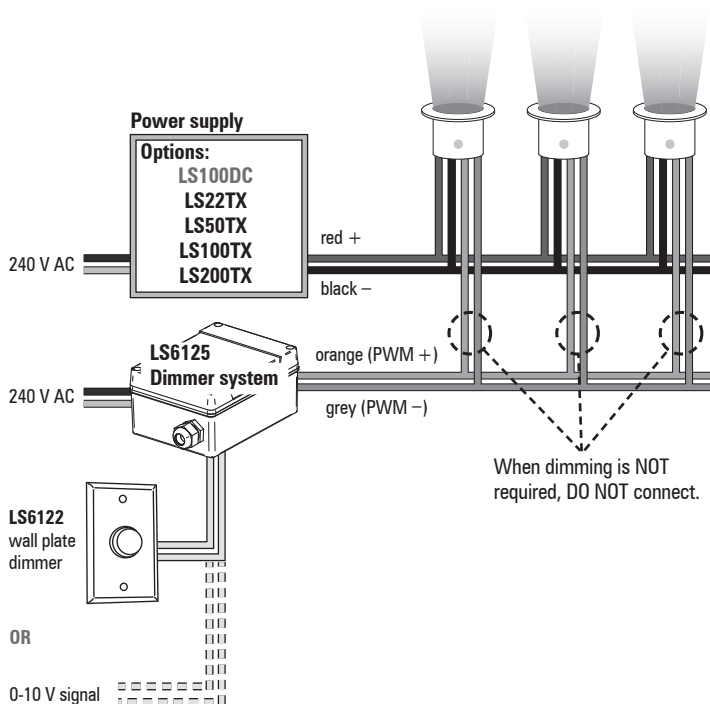
IF IN DOUBT, PLEASE CALL

Wiring



red	+ 24 V DC / 12 V AC 1
black	- 24 V DC / 12 V AC 2
orange	+ pwm DIM (connection optional)
grey	- pwm DIM (connection optional)

Note: If dimming is required use LS6125 PWM to 0-10 V dimming.



LS940LED Series

Power Supply/ Transformer & Maximum Cable Runs

Wattage (Part Number)	24 V DC Power Supply			12 V AC Magnetic Transformer								
	100 W (LS100DC)			100 VA (LS100TX)			50 VA (LS50TX)			22 VA (LS22TX)		
LEDscape Cable	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10	LS604	LS604-6	LS604-10
Cable size	3.3 mm ²	6 mm ²	10 mm ²	3.3 mm ²	6 mm ²	10 mm ²	3.3 mm ²	6 mm ²	10 mm ²	3.3 mm ²	6 mm ²	10 mm ²
No. of luminaires 100 metre run	26	•	•	6	10	10	4	4	4	2	3	3
No. of luminaires 75 metre run	26	•	•	8	10	12	5	5	8	3	3	4
No. of luminaires 50 metre run	26	•	•	10	12	14	6	8	8	3	4	4
No. of luminaires 25 metre run	26	•	•	14	14	14	8	8	8	4	4	4

• means the maximum number of luminaires can be accommodated on smaller cables.

NOTE: 24 V DC power supplies are far more efficient than AC transformers.
Under no circumstances can an 'electronic' transformer be used; this may damage the product

SAFETY INSTRUCTIONS

WARNING - To reduce the risk of FIRE or INJURY:

1. Luminaires and transformers to be installed by licensed electrical contractors.
2. Luminaires to be used for intended purpose only.
3. Do not operate the luminaires with a missing or damaged parts.
4. Use only genuine LEDscape parts to replace damaged or missing components.
5. Refer to instructions for installation and operating requirements.
6. Ensure installation complies with local regulations

SAVE THESE INSTRUCTIONS.

www.ledscape.com.au

Questions?
Call 07 3286 2299
Email support@ledscape.com.au
www.ledscape.com.au