

FERN™ DECK INSTALLATION INSTRUCTIONS

RAB
LIGHTING

Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000 or email: marketing@rabweb.com



DECK6LV

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly.

WARNING: MAX 12VAC ONLY.

WARNING: The main low voltage cable is intended for shallow burial - less than 6 inches (152 mm).

WARNING: Risk of Electric Shock. Install all luminaires 10 feet (3.05 m) or more from a pool, spa, or fountain.

WALL MOUNTING

To mount DECK series, follow the steps below -

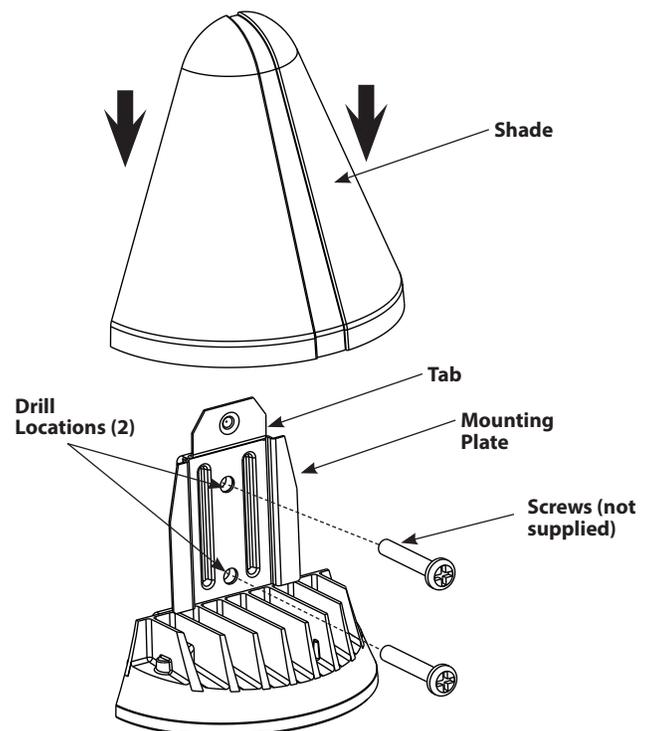
1. Secure **Mounting Bracket** to wall, deck post or any flat surface by drilling out (2) **Drill Locations** as marked in figure. Use the appropriate mounting hardware for the mounting surface. Be sure gasket is properly seated.

2. Complete electrical connections using RAB recommended connectors (ordered separately) to transformer (ordered separately).

Note - DECK series is supplied with 36 inches of Fixture Leads out of the fixture.

WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.

3. Slide **Shade** on **Mounting Bracket**. If **Shade** does not seem snug, adjust by slightly bending **Tab** in or out.



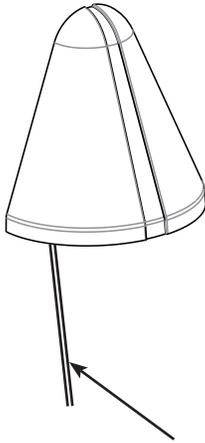
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WIRING

The DECK series permits operation only at 12 VAC. Wire fixture using UL approved wire connectors (ordered separately) for SPT-1 cord.



Use UL approved wiring connectors for SPT-1 cord

ACCESSORIES

Following accessories should be ordered separately -

FERNFCC	Fixture to Cable Connector
FERNCCC	Cable to Cable Connector
CORD16/12V-100	16GA SPT-2W 12V 3.7A 100FT cord
RTX12-75-TPC	75W Transformer with Timer and Swivel Photocell
RTX12-100-TPC	100W Transformer with Timer and Swivel Photocell

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Lens should be washed in a solution of warm water and any mild, non abrasive household detergent, rinsed with clean water and wiped dry.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the voltage at fixture is correct. Refer to wiring directions.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.

FERN™ LFLED™ INSTALLATION INSTRUCTIONS

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LFLED6LV

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: MAX 12VAC ONLY.

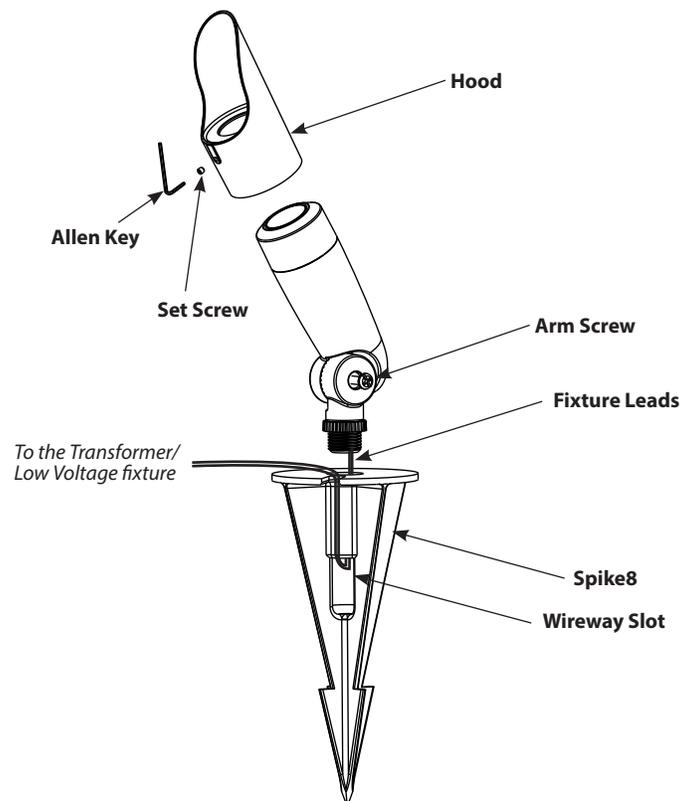
WARNING: The main low voltage cable is intended for shallow burial - less than 6 inches (152 mm).

WARNING: Risk of Electric Shock. Install all luminaires 10 feet (3.05 m) or more from a pool, spa, or fountain.

GROUND MOUNTING

To mount LFLED series, follow the steps below -

1. Hammer **Spike8** into desired location on ground in such a way that the **Wireway Slot** isn't underground yet.
Note - To avoid damage to Spike8, place a board on top of Spike8 while hammering.
2. Feed **Fixture Leads** into the **Spike8**. Pull **Fixture Leads** through **Wireway Slot** as shown in figure and complete electrical connections using RAB recommended connectors (ordered separately) to transformer (ordered separately) or Low Voltage Fixture.
Note - LFLED series is supplied with 56 inches of Fixture Leads out of the fixture.
3. Thread and secure fixture onto **Spike8**. Be careful not to pinch wires.
4. Carefully hammer the **Spike8** flush into the ground without damaging the **Fixture Leads**.
WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.
5. Install **Hood** on fixture, if desired, and tighten **Set Screw** using **Allen Key** (supplied).
6. Aim fixture in the desired location and tighten **Arm Screw**.



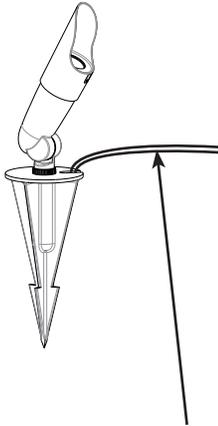
FERN™ LFLED™ INSTALLATION INSTRUCTIONS



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WIRING

The LFLED series permits operation only at 12 VAC. Wire fixture using UL approved wire connectors (ordered separately) for SPT-1 cord.



Use UL approved wiring connectors for SPT-1 cord

ACCESSORIES

Following accessories should be ordered separately -

FERNFCC	Fixture to Cable Connector
FERNCCC	Cable to Cable Connector
CORD16/12V-100	16GA SPT-2W 12V 3.7A 100FT cord
SPIKE14	14 inches Spike
RTX12-75-TPC	75W Transformer with Timer and Swivel Photocell
RTX12-100-TPC	100W Transformer with Timer and Swivel Photocell

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Lens should be washed in a solution of warm water and any mild, non abrasive household detergent, rinsed with clean water and wiped dry.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the voltage at fixture is correct. Refer to wiring directions.
2. Keep leaves and debris out of hood.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.

FERN™ PAGODA INSTALLATION INSTRUCTIONS

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IMPORTANT

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WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

WARNING: For proper weatherproof function all gaskets must be seated properly and all screws inserted and tightened firmly.

WARNING: MAX 12VAC ONLY.

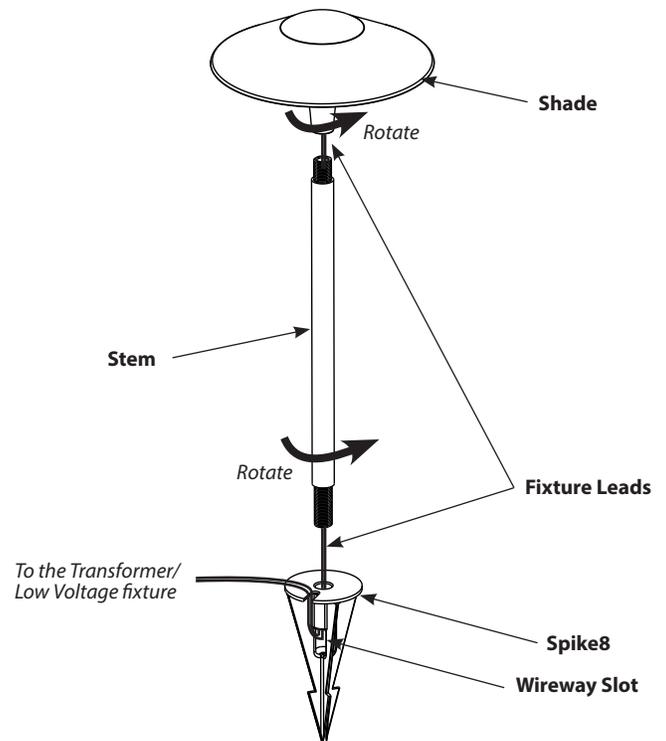
WARNING: The main low voltage cable is intended for shallow burial - less than 6 inches (152 mm).

WARNING: Risk of Electric Shock. Install all luminaires 10 feet (3.05 m) or more from a pool, spa, or fountain.

GROUND MOUNTING

To mount Pagoda LL series, follow the steps below -

1. Feed the **Fixture Leads** from **Shade** into **Stem**. Rotate **Shade** and secure to the **Stem**. Be careful not to pinch wires.
2. Hammer **Spike8** into desired location on ground in such a way that the **Wireway Slot** isn't underground yet.
Note - To avoid damage to Spike8, place a board on top of Spike8 while hammering.
3. Feed **Fixture Leads** from **Stem** into the **Spike8**. Pull **Fixture Leads** through **Wireway Slot** as shown in figure and complete electrical connections using RAB recommended connectors (ordered separately) to transformer (ordered separately) or Low Voltage Fixture.
Note - Pagoda/ LL series is supplied with 56 inches of Fixture Leads out of the fixture.
4. Rotate **Stem/ Shade** and secure to **Spike8**. Be careful not to pinch wires.
5. Carefully hammer the **Spike8** flush into the ground without damaging the **Fixture Leads**.
WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.



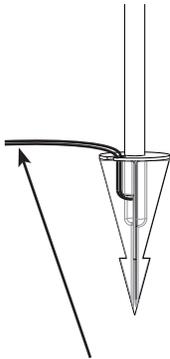
FERN™ PAGODA INSTALLATION INSTRUCTIONS



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WIRING

The Pagoda/ LL series permits operation only at 12 VAC. Wire fixture using UL approved wire connectors (ordered separately) for SPT-1 cord.



Use UL approved wiring connectors for SPT-1 cord

ACCESSORIES

Following accessories should be ordered separately -

FERNFCC	Fixture to Cable Connector
FERNCCC	Cable to Cable Connector
CORD16/12V-100	16GA SPT-2W 12V 3.7A 100FT cord
SPIKE14	14 inches Spike
RTX12-75-TPC	75W Transformer with Timer and Swivel Photocell
RTX12-100-TPC	100W Transformer with Timer and Swivel Photocell
FERNLLSFCx	Full Cut Off Shade only*
FERNLLS1x	1 Tier Shade only*
FERNLLS2x	2 Tier Shade only*
FERNLLSTx	Stem only*

* x denotes fixture finish. A for Bronze, B for Black, D for Sand and W for White.

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Lens should be washed in a solution of warm water and any mild, non abrasive household detergent, rinsed with clean water and wiped dry.
2. Do not open fixture to clean the LED. Do not touch the LED.

TROUBLESHOOTING

1. Check that the voltage at fixture is correct. Refer to wiring directions.

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.