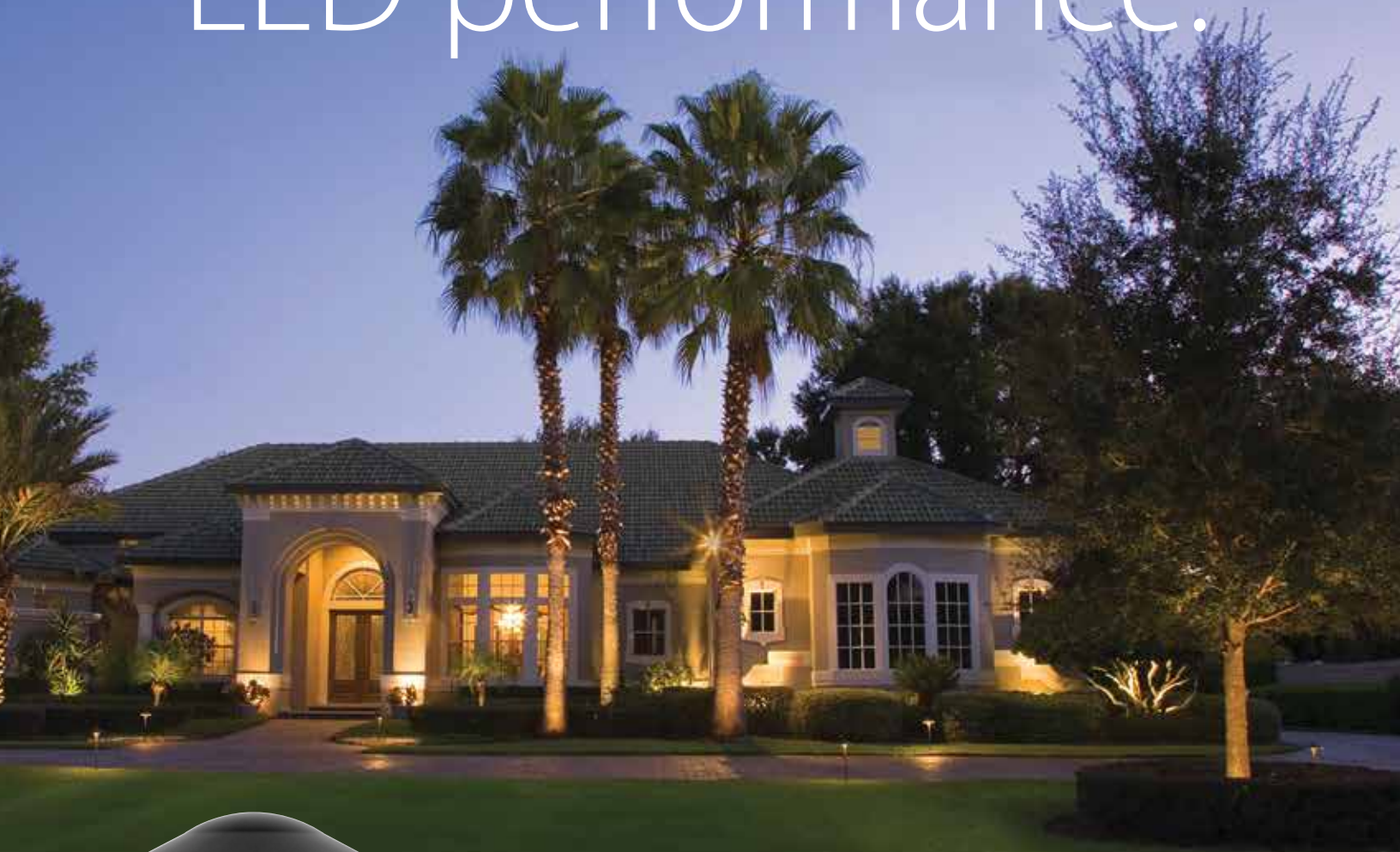


Incandescent look.  
LED performance.



FERN™

A versatile landscape lighting family.

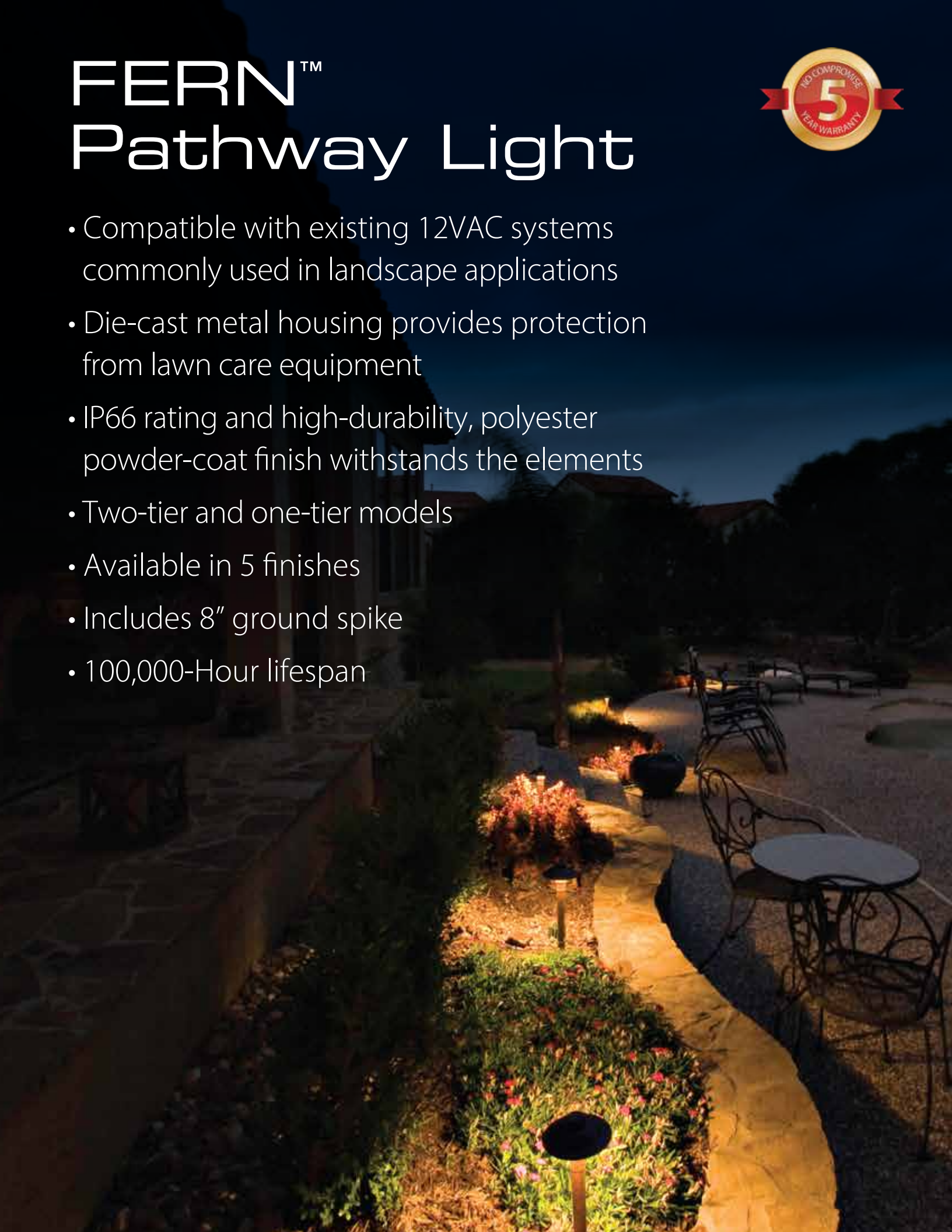


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# FERN™ Pathway Light



- Compatible with existing 12VAC systems commonly used in landscape applications
- Die-cast metal housing provides protection from lawn care equipment
- IP66 rating and high-durability, polyester powder-coat finish withstands the elements
- Two-tier and one-tier models
- Available in 5 finishes
- Includes 8" ground spike
- 100,000-Hour lifespan



# Specifications

**UL Listing:** Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

**LEDs:** Long-life, high-efficiency surface mount LEDs

**IP Rating:** Rated IP66, Completely dust tight and protected against powerful water jets

**Lifespan:** 100,000-Hour LED Lifespan based on IES LM-80 results and TM-21 calculations

Model	FC	1 Tier	2 Tiers
<b>Input Watts</b>	5.8	5.8	5.8
<b>Output Lumens</b>	252	292	240
<b>Lumens Per Watt</b>	43	50	42
<b>Color Accuracy (CRI)</b>	81	81	81

**Cold Weather Starting:** The minimum starting temperature is -34°F (-30°C).

**Housing:** Precision die-cast aluminum housing

**Mounting:** 18" stem with 1" thread that tightens onto the shade and 1/2" NPS thread that mounts to sturdy plastic spike (included) for ground mounting

**Lens:** Clear polycarbonate

**Finish:** Our environmentally friendly polyester powder coatings are formulated for high durability and long-lasting color, and contain no VOC or toxic heavy metals.

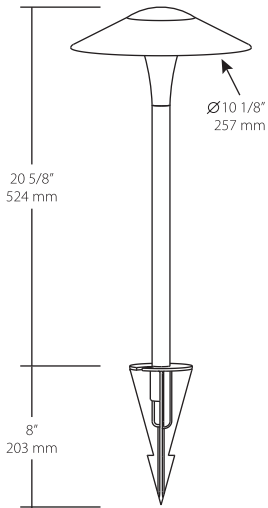
**Green Technology:** Mercury and UV free. RoHS-compliant components.

*Note: Requires transformer with 12VAC output*

# Dimensions & weights

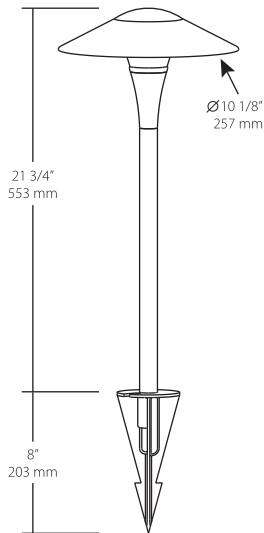
## Full Cutoff

Weight: 4.7 lbs



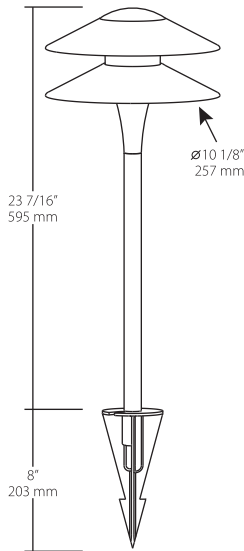
## One Tier

Weight: 5 lbs



## Two Tiers

Weight: 5.9 lbs



# Ordering Information

Product Family

LL

Tiers

FC

Full Cutoff  
1 1 Tier  
2 2 Tiers

LED

Wattage

6LV

6LV 6W 12VAC

Color Temperature

YY

YY 2700K

Finish

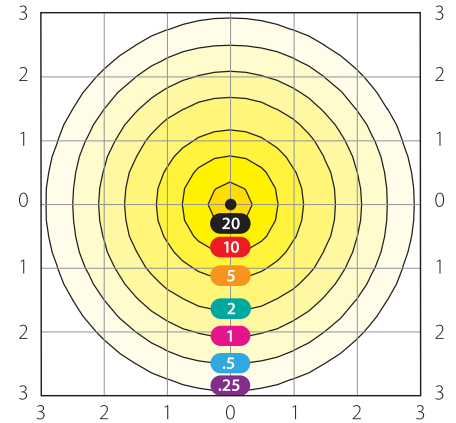
A

Textured Bronze  
B Textured Black  
D Textured Sand  
W Textured White  
VG Textured Verde Green

# Photometrics

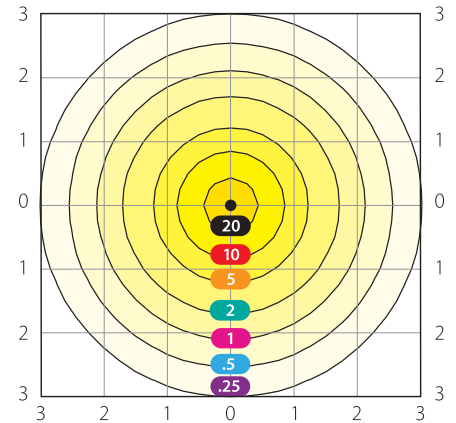
**Full Cutoff** - Ground mount, 20 5/8" height

Photometric Report #ITL88073



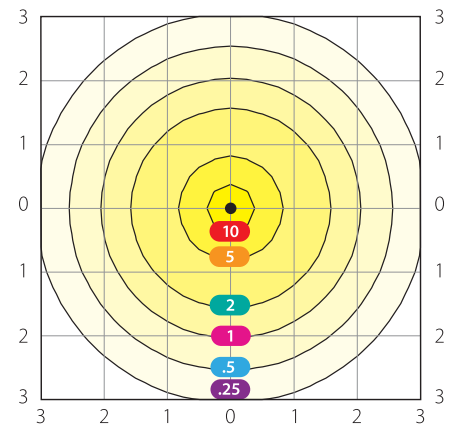
**One Tier** - Ground mount, 21 3/4" height

Photometric Report #ITL88074



**Two Tiers** - Ground mount, 23 7/16" height

Photometric Report #ITL88077



# FERN™ Accent Floodlight



- Compatible with existing 12VAC systems commonly used in landscape applications
- High-quality, die-cast construction
- Watertight housing and durable paint finish ensure optimal all-weather performance
- Detachable spotlight hood
- Available in 5 finishes
- Includes 8" ground spike
- 100,000-Hour lifespan



## Specifications

**UL Listing:** Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

**LEDs:** Long-life, high-efficiency, surface mount LEDs

**IP Rating:** Rated IP66, completely dust tight and protected against powerful water jets

**Lifespan:** 100,000-Hour LED Lifespan based on IES LM-80 results and TM-21 calculations

### PERFORMANCE WITH HOOD

Fixture Color	White	Sand	Black	Bronze	Verde Green
Input Watts	6.3	6.3	6.3	6.3	6.0
Output Lumens	236	230	226	226	223
Lumens Per Watt	38	37	36	36	37
Color Accuracy (CRI)	80	80	80	80	80

**Cold Weather Starting:** The minimum starting temperature is -34°F (-30°C).

**Housing:** Precision die-cast aluminum housing

**Mounting:** Swivel arm, 1/2" NPS threaded; mounts to sturdy plastic spike (included) for ground mounting

**Lens:** PMMA frosted optic

**Gaskets:** High-temperature EPDM foam silicone

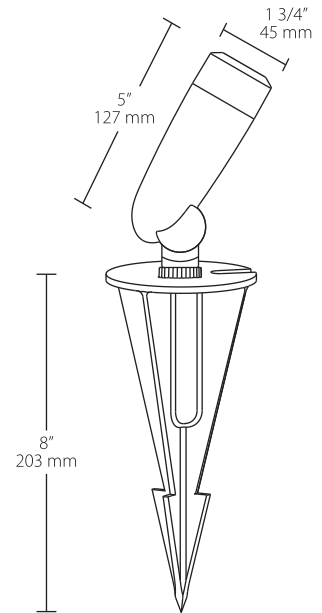
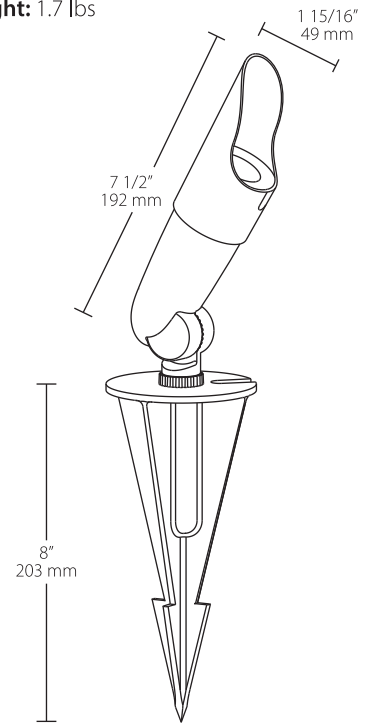
**Finish:** Our environmentally friendly polyester powder coatings are formulated for high durability and long-lasting color, and contain no VOC or toxic heavy metals.

**Green Technology:** Mercury and UV free. RoHS-compliant components.

*\*Requires transformer with 12VAC output*

## Dimensions & weight

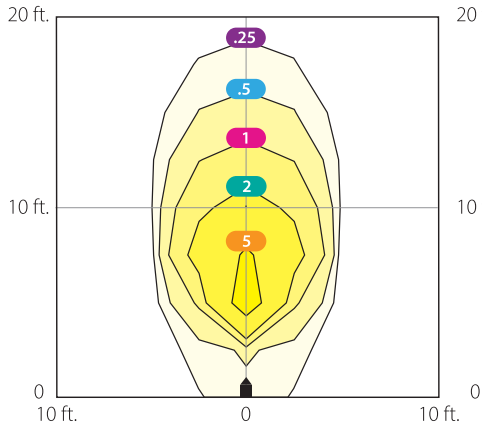
**Weight:** 1.7 lbs



## Photometrics

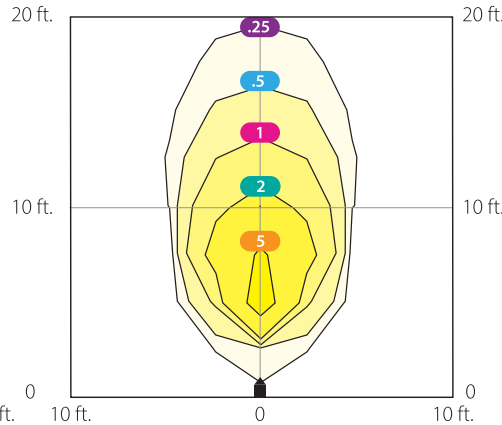
### Without Hood

Ground mount, 5' setback, 60° above horizon  
Photometric Report #ITL88077



### With Spotlight Hood

Ground mount, 5' setback, 60° above horizon  
Photometric Report #ITL88079



## Ordering Information

Product Family

LFLLED

Wattage

6LV

6LV 6W 12VAC

Color Temperature

YY

YY 2700K

Finish

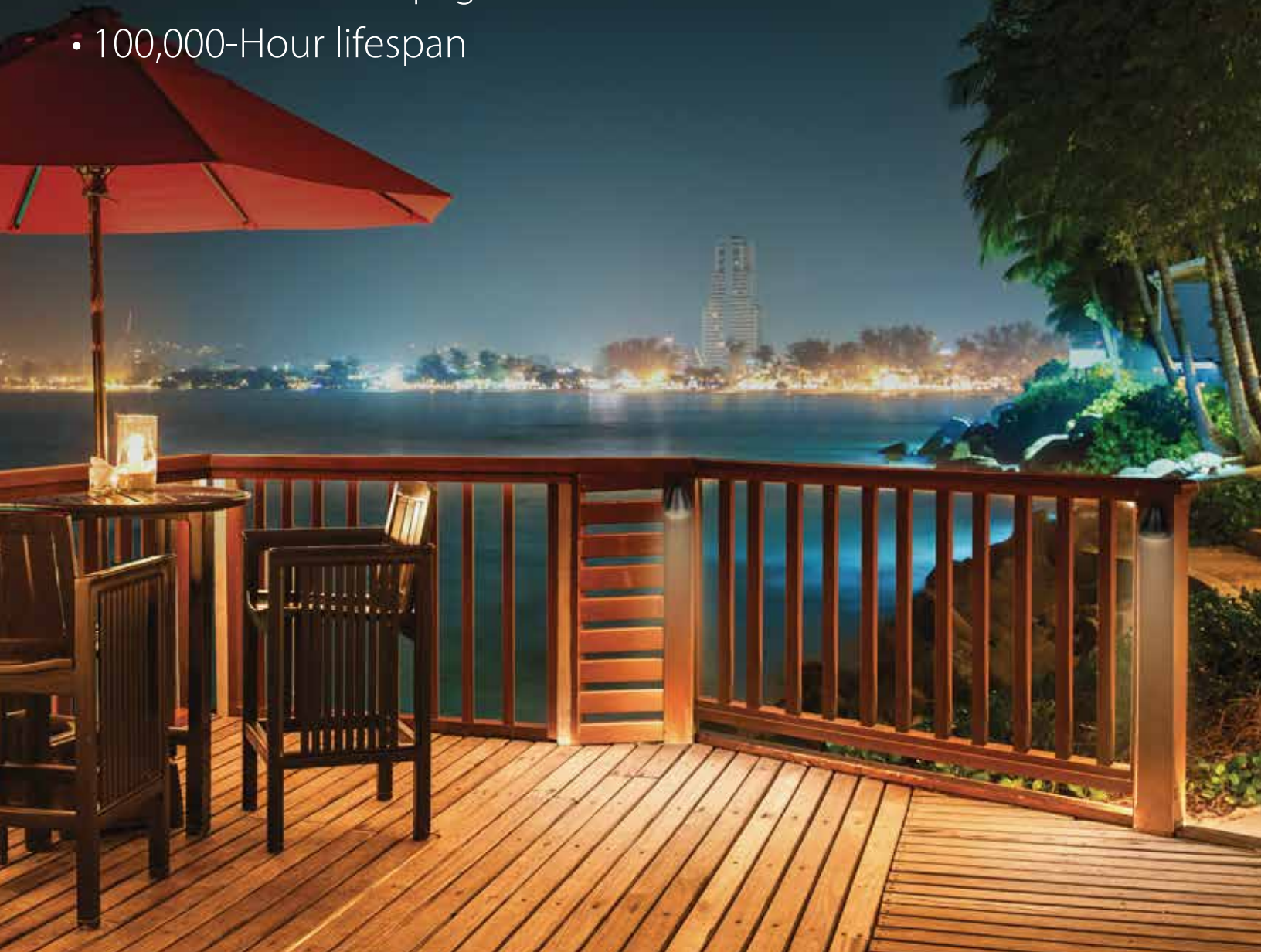
A B D W VG

Textured Bronze  
Textured Black  
Textured Sand  
Textured White  
Textured Verde Green

# FERN™ Deck Light



- Compatible with existing 12VAC systems commonly used in landscape applications
- Aluminum housing with highly durable polyester powder coat finish
- Full cutoff optics comply with Dark Sky requirements
- Available in 5 finishes
- Can be used as steplights
- 100,000-Hour lifespan



## Specifications

**UL Listing:** Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

**LEDs:** Long-life, high-efficiency, surface mount LEDs

**IP Rating:** Rated IP66, completely dust tight and protected against powerful water jets

**Lifespan:** 100,000-Hour LED Lifespan based on IES LM-80 results and TM-21 calculations

**Color Temperature** 2700K

**Input Watts** 6.1

**Output Lumens** 333

**Lumens Per Watt** 55

**Color Accuracy (CRI)** 80

**Cold Weather Starting:** The minimum starting temperature is -34°F (-30°C).

**Housing:** Precision die-cast aluminum housing

**Mounting:** Shade slides over surface mounting plate

**Lens:** Tempered glass

**Gaskets:** High-temperature EPDM foam silicone

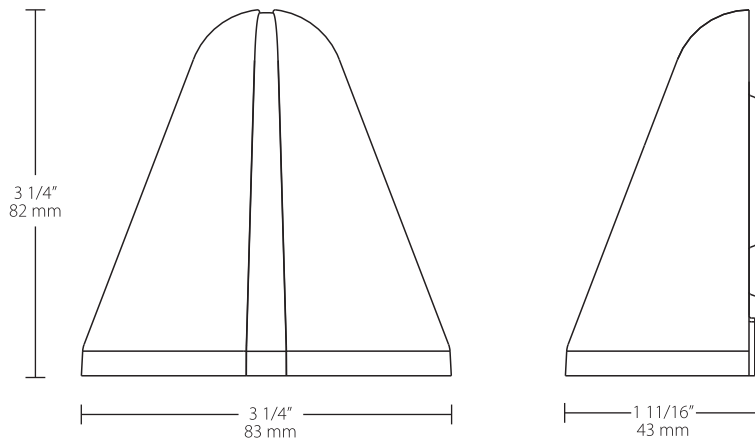
**Finish:** Our environmentally friendly polyester powder coatings are formulated for high durability and long-lasting color, and contain no VOC or toxic heavy metals.

**Green Technology:** Mercury and UV free. RoHS-compliant components.

*\*Requires transformer with 12VAC output*

## Dimensions & weight

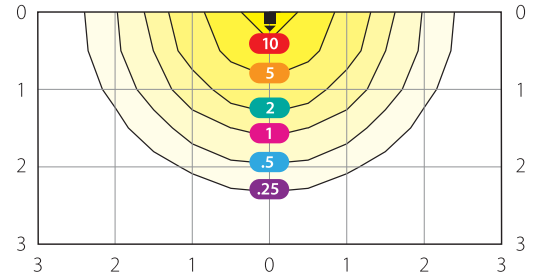
**Weight:** 0.4 lbs



## Photometrics

### Deck Light - 36" Mounting Height

Photometric Report #ITL88072

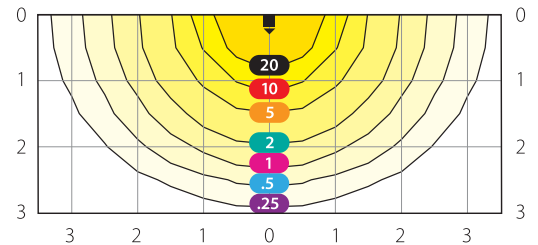


Mounting Height	24"	28"	30"	32"	36"
Multiplier	2.3	1.7	1.4	1.3	1.0

Grid scales: Multiples of mounting height  
Values shown in footcandles

### Step Light - 18" Mounting Height

Photometric Report #ITL88072



Mounting Height	12"	18"	24"	30"	36"
Multiplier	2.3	1.0	0.6	0.4	0.3

Grid scales: Multiples of mounting height  
Values shown in footcandles

## Ordering Information

Product Family

DECK

Wattage

6LV

6LV 6W 12VAC

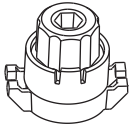
Color Temperature

YY

YY 2700K

Finish

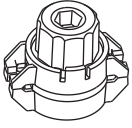
**A** Textured Bronze  
**B** Textured Black  
**D** Textured Sand  
**W** Textured White  
**VG** Textured Verde Green



## CONNECTORS

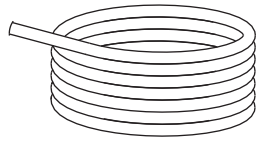
### FERNFCC

Fixture to cable connector



### FERNCCC

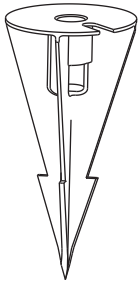
Cable to cable connector



## POWER CORD

### CORD16/12V-100

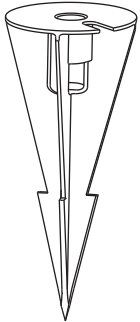
- 100 ft.
- 16AWG, 150V Max
- SPT-2W
- 12V
- 3.7A



## GROUND SPIKES

### SPIKE8

8" Ground spike



### SPIKE14

14" Ground spike



## STEMS

### FERNLLSTA

Pagoda stem, textured bronze

### FERNLLSTB

Pagoda stem, textured black

### FERNLLSTW

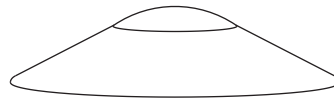
Pagoda stem, textured white

### FERNLLSTD

Pagoda stem, textured sand

### FERNLLSTVG

Pagoda stem, textured verde green



## SHADES

### FERNLLSFCA

Full cutoff shade, textured bronze

### FERNLLSFCB

Full cutoff shade, textured black

### FERNLLSFCW

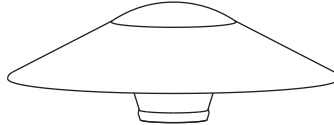
Full cutoff shade, textured white

### FERNLLSFGD

Full cutoff shade, textured sand

### FERNLLSFCVG

Full cutoff shade, textured verde green



### FERNLLS1A

1 Tier shade, textured bronze

### FERNLLS1B

1 Tier shade, textured black

### FERNLLS1W

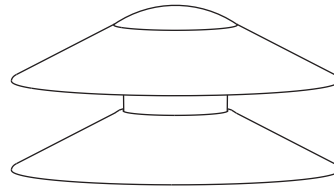
1 Tier shade, textured white

### FERNLLS1D

1 Tier shade, textured sand

### FERNLLS1VG

1 Tier shade, textured verde green



### FERNLLS2A

2 Tier shade, textured bronze

### FERNLLS2B

2 Tier shade, textured black

### FERNLLS2W

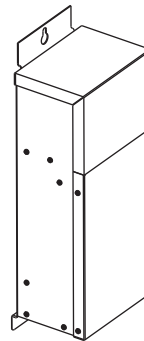
2 Tier shade, textured white

### FERNLLS2D

2 Tier shade, textured sand

### FERNLLS2VG

2 Tier shade, textured verde green



## TRANSFORMERS

**RTX12-75-TPC** - 75W Transformer

**RTX12-100-TPC** - 100W Transformer

- 120VAC, 60Hz, 0.7A (75W) or 1A (100W)
- Fully enclosed, stainless steel housing with removable cover for easy access to controls and connections
- Integral mounting bracket
- Epoxy-encapsulated transformer for weather protection
- Inline secondary breaker for overload protection
- Multiple voltage taps: 12 - 15VAC
- Industry-standard knockouts
- User-configurable, programmable timer and swivel photocell
- Non-detachable, 5-foot power cord