

# Ambiance® Lx Lite

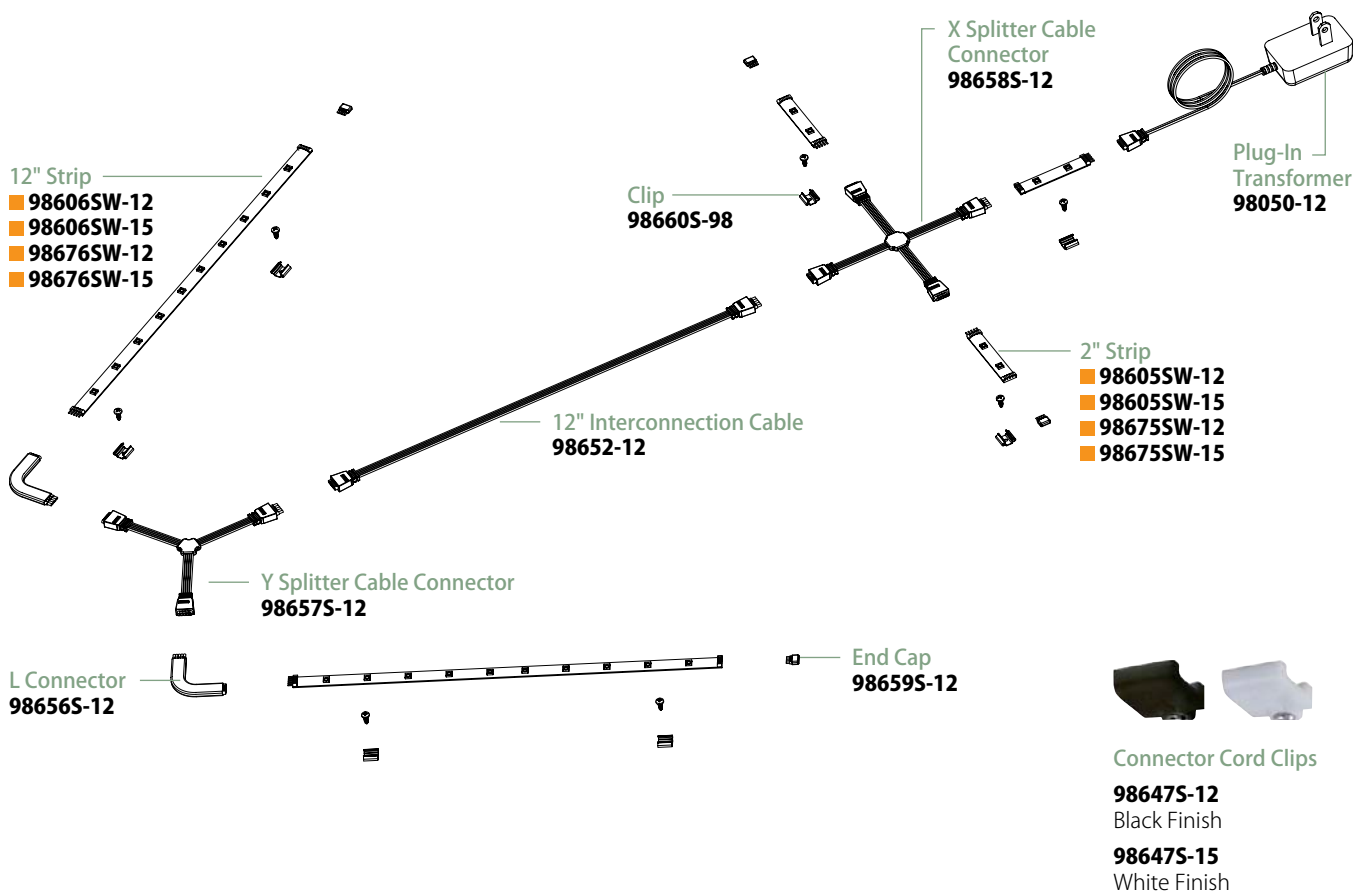
Layout Your System



## How To Determine A Bill Of Materials

- **Select Your Flexible LED Tape**  
Select your desired color temperature (2700K or 3000K), face color (white or black) and voltage (12v or 24v) of Flexible LED Tape Lighting.
- **Determine Length, Connections and End Caps**  
Measure and sketch your layout to determine the length of Flexible LED Tape, as well as number of connectors (sold separately) and end caps required.
- **Decide How to Mount Your System**  
Ambiance® Lx Lite LED Tape Lighting can be mounted using the industrial adhesive backing or via the included mounting clips.
- **Transformer**  
Multiply the number of feet in your run by 3 watts (required per foot) to determine the size of the transformer, measured in output power.
- **Select the Appropriate Transformer**  
Make sure to match the transformer's voltage to the voltage of your Flexible LED Tape Lighting. Over driving LED Tape Lighting will significantly reduce the product's life.

## Components



Warning: Use of other manufacturers' components and/or fixtures will void warranty, listing and create a potential safety hazard. Please use caution when selecting lamps by selecting the proper voltage, base type and wattage lamp when designing and installing any lighting system.

SeaGullLighting.com

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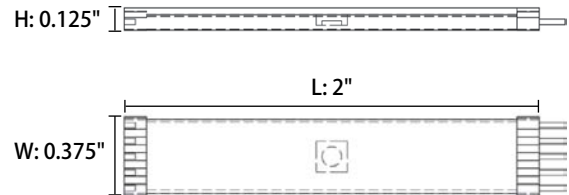
# Ambiance<sup>®</sup> Lx Lite

Flexible LED Tape Sections



## LED Tape Sections

- Flexible LED tape sections are available in a variety of pre-manufactured lengths with 5-pin connector/port installed at each end, pre-applied 3M industrial adhesive and screw in mounting clips for fast and secure connection.
- LED Tape section(s) and transformer required for new installations.



## 12v

### 2" LED Tape Section

L: 2" W: 0.375" H: 0.125"  
12v AC/DC  
Wattage: 0.4 watts



#### 98605SW-12

Black PC Board  
3000K, 85 CRI

#### 98605SW-15

White PC Board  
3000K, 85 CRI

#### 98675SW-12

Black PC Board  
2700K, 85 CRI

#### 98675SW-15

White PC Board  
2700K, 85 CRI

### 1' LED Tape Section

L: 12" W: 0.375" H: 0.125"  
12v AC/DC  
Wattage: 3 watts



#### 98606SW-12

Black PC Board  
3000K, 85 CRI

#### 98606SW-15

White PC Board  
3000K, 85 CRI

#### 98676SW-12

Black PC Board  
2700K, 85 CRI

#### 98676SW-15

White PC Board  
2700K, 85 CRI

### 5' LED Tape Section

L: 60" W: 0.375" H: 0.125"  
12v AC/DC  
Wattage: 15 watts



#### 98607SW-12

Black PC Board  
3000K, 85 CRI

#### 98607SW-15

White PC Board  
3000K, 85 CRI

#### 98677SW-12

Black PC Board  
2700K, 85 CRI

#### 98677SW-15

White PC Board  
2700K, 85 CRI

### 16 1' LED Tape Section

L: 192" W: 0.375" H: 0.125"  
12v AC/DC  
Wattage: 48 watts

Bulk Pack – 16 sections



#### 98608SW-12

Black PC Board  
3000K, 85 CRI

#### 98608SW-15

White PC Board  
3000K, 85 CRI

#### 98678SW-12

Black PC Board  
2700K, 85 CRI

#### 98678SW-15

White PC Board  
2700K, 85 CRI

## 24v

### 2" LED Tape Section

L: 2" W: 0.375" H: 0.125"  
24v AC/DC  
Wattage: 0.4 watts



#### 98611SW-12

Black PC Board  
3000K, 85 CRI

#### 98611SW-15

White PC Board  
3000K, 85 CRI

#### 98681SW-12

Black PC Board  
2700K, 85 CRI

#### 98681SW-15

White PC Board  
2700K, 85 CRI

### 1' LED Tape Section

L: 12" W: 0.375" H: 0.125"  
24v AC/DC  
Wattage: 3 watts



#### 98612SW-12

Black PC Board  
3000K, 85 CRI

#### 98612SW-15

White PC Board  
3000K, 85 CRI

#### 98682SW-12

Black PC Board  
2700K, 85 CRI

#### 98682SW-15

White PC Board  
2700K, 85 CRI

### 5' LED Tape Section

L: 60" W: 0.375" H: 0.125"  
24v AC/DC  
Wattage: 15 watts



#### 98613SW-12

Black PC Board  
3000K, 85 CRI

#### 98613SW-15

White PC Board  
3000K, 85 CRI

#### 98683SW-12

Black PC Board  
2700K, 85 CRI

#### 98683SW-15

White PC Board  
2700K, 85 CRI

### 16 1' LED Tape Section

L: 192" W: 0.375" H: 0.125"  
24v AC/DC  
Wattage: 48 watts

Bulk Pack – 16 sections



#### 98614SW-12

Black PC Board  
3000K, 85 CRI

#### 98614SW-15

White PC Board  
3000K, 85 CRI

#### 98684SW-12

Black PC Board  
2700K, 85 CRI

#### 98684SW-15

White PC Board  
2700K, 85 CRI

# Ambiance<sup>®</sup> Lx Lite

## Transformers and Connectors

### Select a Power Supply



**98050-12**  
Black Finish  
L: 3.3125" W: 1.5" H: 1.25"  
Wattage: 0-60w, 12v AC Output  
Includes on/off switch on housing and 10' output cord to connect to LED tape sections  
Supplied with 20 cord mounting clips



**98051-12**  
Black Finish  
L: 3.3125" W: 1.5" H: 1.25"  
Wattage: 0-60w, 24v AC Output  
Includes on/off switch on housing and 10' output cord to connect to LED tape sections  
Supplied with 20 cord mounting clips



**98061-12**  
Black Finish  
L: 5" W: 1.59375" H: 1"  
Wattage: 0-100w, 12v AC Output  
Includes terminal block on input side for 12/2 AWG Romex max.  
10ft output cable for connection to LED tape sections  
Supplied with 20 cord mounting clips



**98062-12**  
Black Finish  
L: 5" W: 1.59375" H: 1"  
Wattage: 0-100w, 24v AC Output  
Includes terminal block on input side for 12/2 AWG Romex max.  
10ft output cable for connection to LED tape sections  
Supplied with 20 cord mounting clips



### Select Connectors to Customize a Run

**2"L LED Tape Connection Cable**



**98650S-12**  
Black Finish  
L: 2" W: 0.5" H: 0.1875"

Connects two LED tape sections  
Supplied with double sided tape



**6"L LED Tape Connection Cable**



**98651S-12**  
Black Finish  
L: 6" W: 0.5" H: 0.1875"

Connects two LED tape sections  
Includes 2 mounting clips



**18"L LED Tape Connection Cable**



**98653S-12**  
Black Finish  
L: 18" W: 0.5" H: 0.1875"

Connects two LED tape sections  
Includes 3 mounting clips



**12"L LED Tape Connection Cable**



**98652S-12**  
Black Finish  
L: 12" W: 0.5" H: 0.1875"

Connects two LED tape sections  
Includes 2 mounting clips



**36"L LED Tape Connection Cable**



**98654S-12**  
Black Finish  
L: 36" W: 0.5" H: 0.1875"

Connects two LED tape sections or use for wiring to remote transformer  
Includes 6 mounting clips



**72"L LED Tape Connection Cable**



**98655S-12**  
Black Finish  
L: 72" W: 0.5" H: 0.1875"

Connects two LED tape sections or use for wiring to remote transformer  
Includes 12 mounting clips



**8' LED Connection Direct Wire Cord**



**98662S-12**  
Black Finish  
L: 72" W: 0.5" H: 0.1875"

Use to wire LED tape to transformer  
Includes 16 mounting clips



**LED Tape End Cap**



**98659S-12**  
Black Finish  
L: 0.5" W: 0.5" H: 0.125"



**3 Way "Y" Connector**



**98657S-12**  
Black Finish  
D: 4.25" H: 0.1875"

Connector has one male and two female connectors  
Supplied with mounting clips



**4 Way "X" Connector**



**98658S-12**  
Black Finish  
D: 5" H: 0.1875"

X connector has one male connector and three female connectors.  
Supplied with mounting clips



**L Connector**



**98656S-12**  
Black Finish  
L: 1.3125" W: 1.375" H: 0.25"



**36" Retrofit Channel**

**98663S-171**  
Painted Antique Bronze Finish  
L: 36" W: 0.5" H: 0.5"

Use to construct miniature cove or light baffle to conceal LED tape  
Supplied with screws



**10 Pack Connection Cord Clips**

L: 0.625" W: 0.375" H: 0.1875"

**98647S-12**  
Black Finish

**98647S-15**  
White Finish



10 pack of plastic clips for mounting connections

**10 Pack LED Tape Mounting Clips**

**98660S-98**  
Brushed Stainless Finish  
L: 0.5" W: 0.5" H: 0.375"

10 pack of screw-in mounting clips for more durable LED tape installation or for mounting to uneven surfaces



Warning: Use of other manufacturers' components and/or fixtures will void warranty, listing and create a potential safety hazard. Please use caution when selecting lamps by selecting the proper voltage, base type and wattage lamp when designing and installing any lighting system.

# LED Disk Lighting

## Two in One Surface Mounted or Recessed

### LED Disk Lighting Features

- Ideal for residential, commercial and retail applications
- 170 lumens per disk light, 4 watts, 12v AC / 12v DC
- Contains 3 integrated Nichia LED chips
- 80% energy savings, equivalent light output to 20w halogen/xenon
- Color accurate illumination – 3000K, 82 CRI
- Long life light source (40,000 hours)
- Dimmable on 12v AC magnetic and electronic transformers
- 12v AC or 12v DC operation
- Increase light output by 40% – up to 240 lumens per disk light – by powering with 12v DC power supply.
- Low profile, die-cast aluminum housing can be surface mounted via captive screw or recessed mounted via 2 3/8" diameter hole.
- Linkable, daisy chain up to 6 LED disks (max) or hub and spoke mount with optional mounting hub.
- Power with a plug-in or hardwire zero-load electronic transformer or with a variety of 12v AC magnetic transformers.
- Includes removable 36"L linking cord for connection to another LED Disk Light, optional mounting hub, or for wiring to a transformer.
- Include 3 wire clips for cord management. Linking cord can be wound around the unique housing to eliminate slack.
- Available in 2 and 3 LED Disk Light Kits – complete with mounting hub and a 30 watt 12v AC plug-in zero-load electronic transformer with an 8' output to connect to an LED Disk or the mounting hub.
- Can be connected to Ambiance® Lx Low Voltage Cable Lighting Systems using fused plug 9488
- cETL listed, damp location





# LED Disk Lighting

Build an LED Disk Lighting System in 3 Steps

## Determining a Bill of Materials

### 1. LED Disk Lights

Choose your desired painted finish (white, black, bronze, or tinted aluminum).

### 2. Number of Disks and Connections

Sketch your layout to determine the required amount of LED Disks and optimal configuration for your application. Disks may be daisy chained from one to another, with the included connection cord(s), or hub and spoke mounted with the connection hub (included in kits). You can link up to a maximum of 6 LED disk lights together in a single run. Power consumption is 4 watts per disk light.

### 3. Power Supplies/Transformer(s)

Take the number of LED Disk Lights in your run and multiply by 4 (watts per disk) to determine the necessary transformer size for your system (Ambiance® LED Disk Lighting Kits come supplied with a Plug-in 30w Zero Load Transformer). LED Disk lights are 12v AC for use with 12v power supplies.

Ambiance® LED Disk Lights are 12v direct current wiring capable.

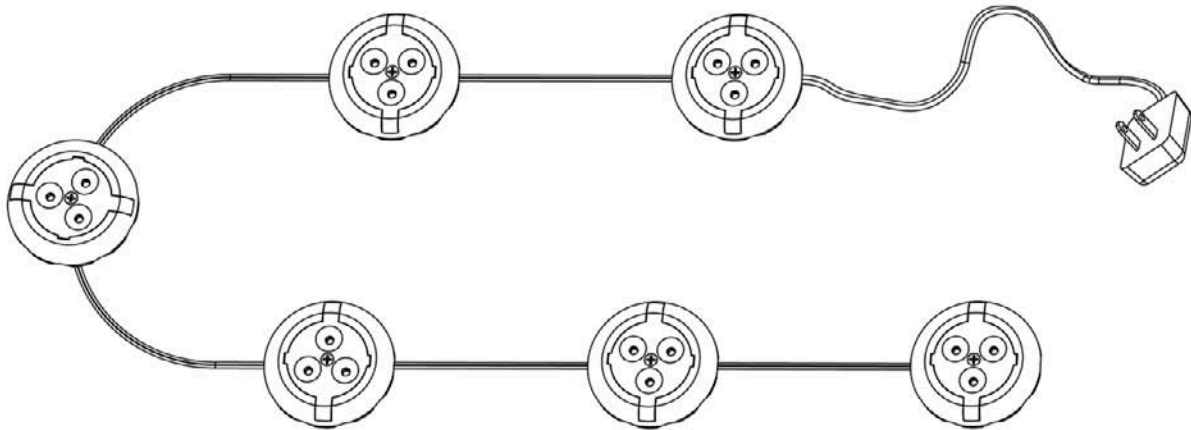
#### Ambiance® Lx Connection

Using item number 9488, you may connect Sea Gull Lighting LED Disk Lights to any 12v AC Ambiance® Lx System that uses 12v Class I or Class II power supplies.

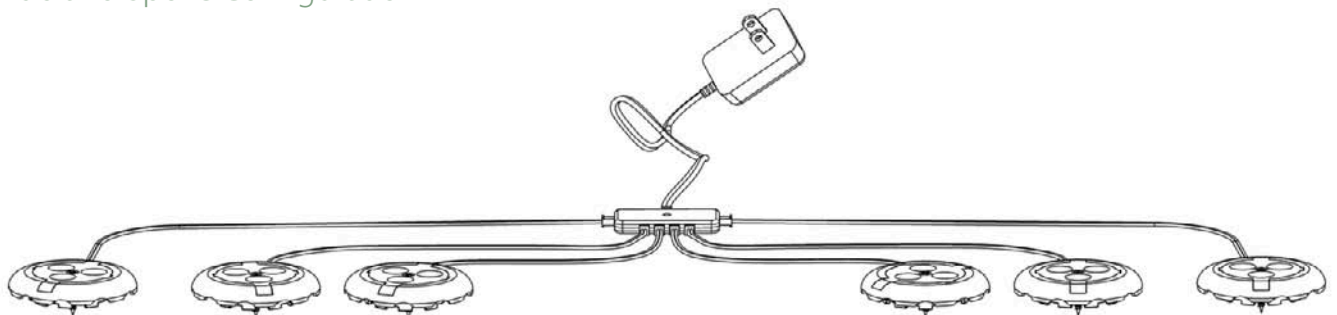
## Build an LED Disk Lighting System in 3 Steps.

- 1 Select the appropriate number of disk lights
- 2 Select interconnecting cable and / or mounting hub to customize the installation.
- 3 Select Transformer

## Daisy Chain Configuration



## Hub and Spoke Configuration



# LED Disk Lighting



**LED Disk Light**  
**D: 3" H: 0.625"**  
 Integrated 3 x 1w LEDs

170 Lumens  
 Consumes 4 watts  
 3000K CCT  
 +82 CRI  
 12VAC

■ **98860SW-12**  
 Black Finish

■ **98860SW-15**  
 White Finish

■ **98860SW-787**  
 Bronze Finish

■ **98860SW-986**  
 Tinted Aluminum Finish



■ **98860SW-12**



■ **98860SW-15**



■ **98860SW-787**



■ **98860SW-986**

## Transformers | Connectors | Clips

### Plug-in, 12VAC 30w Zero Load Electronic Transformer

L: 3.3125" W: 1.5" H: 1.25"  
 Wattage: 0-30w Class II

120v Input, 30w 12v AC output.  
 Transformer consumes 1-1.5 watts.  
 Includes on / off switch and 8' output cord for connection to first LED disk light in a row or optional connection hub.

■ **98640S-12**  
 Black Finish

■ **98640S-15**  
 White Finish



### 12V 60w Zero Load Electronic Transformer

L: 5" W: 1.59375" H: 1"  
 Wattage: 0-60w Class II

120v input, output 0-60w. Includes terminal block and strain relief for 12/2 AWG max. Romex input and 10/2 AWG Ambiance® Lx Cable output.

■ **96223S-12**  
 Black Finish

■ **96223S-15**  
 White Finish



### LED Disk Connection Hub

L: 3" W: 1.25" H: 0.4375"

Includes one input port and size output ports for up to 6 LED Disk Lights. 4 output ports front and one on each side. Mounts with captive cedar screw.

■ **98641S-12**  
 Black Finish

■ **98641S-15**  
 White Finish



### 10 Pack Connector Cord Mounting Clip

L: 0.625" W: 0.375"  
 H: 0.1875"

■ **98647S-12**  
 Black Finish

■ **98647S-15**  
 White Finish



### LED Disk, 6" Linking Cord

L: 6"

■ **98643S-12**  
 Black Finish

■ **98643S-15**  
 White Finish

### LED Disk, 18" Linking Cord

L: 18"

■ **98645S-12**  
 Black Finish

■ **98645S-15**  
 White Finish

### LED Disk, 12" Linking Cord

L: 12"

■ **98644S-12**  
 Black Finish

■ **98644S-15**  
 White Finish

### LED Disk, 10' Linking Cord

L: 120"

■ **98646S-12**  
 Black Finish

■ **98646S-15**  
 White Finish



Optional linking cords are available in a variety of lengths. Linking cords can be used to connect LED disk lights together or to optional mounting hub. Linking cords can also be used for wiring to remote transformers.



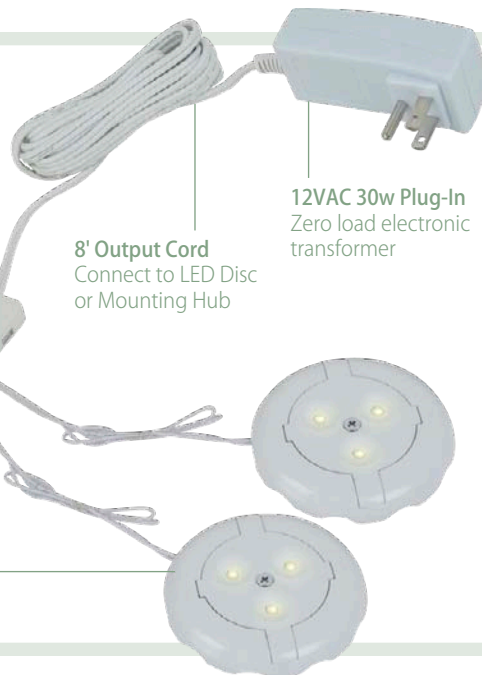
# LED Disk Lighting Kits

LED Disk Lighting Kits: include all required components: 2 and 3 LED disk configurations available in 4 painted finishes; black, white, bronze, or tinted aluminum.

**Mounting Hub**  
Input / 6 Output Ports

**36" Long Removable Linking Cable**

**2 or 3 LED Disk Lights**  
3 High power LEDs per disk light



## LED Disk Lighting Kits Features

- Ideal for residential, commercial and retail applications
- 170 lumens per disk light, 4 watts, 12v AC / 12v DC
- Contains 3 integrated Nichia LED chips
- 80% energy savings, equivalent light output to 20w halogen/xenon
- Color accurate illumination – 3000K, 82 CRI
- Long life light source (40,000 hours)
- Dimmable on 12v AC magnetic and electronic transformers
- 12v AC or 12v DC operation
- Increase light output by 40% – up to 240 lumens per disk light – by powering with 12v DC power supply.
- Low profile, die-cast aluminum housing can be surface mounted via captive screw or recessed mounted via 2 3/8" diameter hole.
- Linkable, daisy chain up to 6 LED disks (max) or hub and spoke mount with optional mounting hub.
- Power with a plug-in or hardwire zero-load electronic transformer or with a variety of 12v AC magnetic transformers.
- Includes removable 36"L linking cord for connection to another LED Disk Light, mounting hub, or for wiring to a transformer.
- Each disk light includes 3 wire clips for cord management. Linking cord can be wound around the unique housing to eliminate slack.
- Available in 2 and 3 LED Disk Light Kits – complete with mounting hub and a 30 watt 12v AC plug-in zero-load electronic transformer with an 8' output to connect to an LED Disk or the mounting hub.
- Can be connected to Ambiance® Lx Low Voltage Cable Lighting Systems using fused plug 9488
- cETL listed, damp location



**2 and 3 LED Disk Light Kit**  
Black Finish

■ **98862SW-12**  
■ **98863SW-12** (shown)



**2 and 3 LED Disk Light Kit**  
White Finish

■ **98862SW-15** (shown)  
■ **98863SW-15**



**2 and 3 LED Disk Light Kit**  
Bronze Finish

■ **98862SW-787**  
■ **98863SW-787** (shown)



**2 and 3 LED Disk Light Kit**  
Tinted Aluminum Finish

■ **98862SW-986** (shown)  
■ **98863SW-986**

Item	Finish	Description	12v AC 30w Transformer	Light Output	Power	Color Temperature
■ <b>98862SW-12</b>	Black	Two LED Disk Light Kit	Included	340 Lumens	8W	3000K
■ <b>98862SW-15</b>	White	Two LED Disk Light Kit	Included	340 Lumens	8W	3000K
■ <b>98862SW-787</b>	Bronze	Two LED Disk Light Kit	Included	340 Lumens	8W	3000K
■ <b>98862SW-986</b>	Tinted Aluminum	Two LED Disk Light Kit	Included	340 Lumens	8W	3000K
■ <b>98863SW-12</b>	Black	Three LED Disk Light Kit	Included	500 Lumens	12W	3000K
■ <b>98863SW-15</b>	White	Three LED Disk Light Kit	Included	500 Lumens	12W	3000K
■ <b>98863SW-787</b>	Bronze	Three LED Disk Light Kit	Included	500 Lumens	12W	3000K
■ <b>98863SW-986</b>	Tinted Aluminum	Three LED Disk Light Kit	Included	500 Lumens	12W	3000K

Indicated power consumption by LED Disk Lights only. Transformer consumes additional 1-1.5w.