

## FEATURES & SPECIFICATIONS

**INTENDED USE** — LED Wireless Speaker Downlight provides an easy and efficient way to light up a room, and enjoy music for the entire family. Wirelessly stream audio from Bluetooth™ enabled devices. Pair up to 8 units together for an enhanced sound experience. Retrofit into most standard 6" recessed housings or new construction and remodel applications.

**CONSTRUCTION** — Aluminum die cast trim with polycarbonate housing. Round fixture with integral LED's.

**PATENT PENDING**

**OPTICS** — Diffused lens surrounding speaker provides even light distribution for general illumination. The LED module maintains at least 70% light output for 35,000 hours.

Wide flood beam angle at >45°.

**ELECTRICAL** — High-efficiency driver mounted on the module. 1 x 1 4Ω, 5W loudspeaker. Primary power disconnect provided for simple connection to a dedicated LED connector in the housing or E26 adapter provided. Accommodates 120 volts DC at 60Hz.

Dimming down to 10% with most standard incandescent, magnetic low voltage and electronic low voltage dimmers. For compatible dimmers, see page 4 for recommended triac dimmers.

Rechargeable lithium ion battery that lasts up to 6 hours when the light is off. The battery charges when light is turned on and takes approximately 4 hours to fully charge.

**INSTALLATION** — Suitable for installation in standard rough-in sections.

E26 socket adapter ships standard.

Twin torsion springs ensure easy installation for 6" recessed housings. Tested to fit in a minimum enclosure of 6" diameter by 6" height, with a maximum flange diameter of 7.5" For examples of compatible housings No third party application required to operate speaker downlight.

**LISTINGS** — ETL certified to US and Canadian safety standards. Wet location listed. WSEC ASTM E283 for Air-Tight (with IC housings).

**WARRANTY** — 3-year limited warranty for LED's and Driver. 1-year limited warranty for Speaker.

Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

### LED Recessed Downlighting

# 6SL

6" LED Module with Integrated Wireless Speaker IC/Non-IC Retrofit



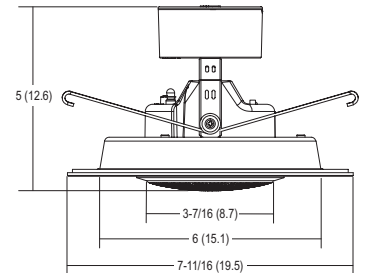
**E26 adaptor** (included)



#### Specifications

Aperture:	6 (15.1)
Speaker:	3-7/16 (8.7)
Ceiling opening:	Determined by rough-in
Overlap trim:	7-11/16 (19.5)
Height:	5 (12.6)

All dimensions are inches (centimeters) unless otherwise indicated.



### ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** 6SL RD 07LM 30K 90CRI MW

6SL	Reflector	Nominal Lumens	CCT/W/Lumens <sup>1</sup>	CRI	Finish
<b>6SL</b> 6" Wireless Speaker Downlight	<b>RD</b> Round	<b>07LM</b> 700 Lumens	<b>27K</b> 2700 K / 11W / 650L <b>30K</b> 3000 K / 12W / 720L <b>40K</b> 4000 K / 13W / 730L	<b>90CRI</b> 90CRI	<b>MW</b> Matte white

<b>Accessories:</b> Order as separate catalog number.	
TSA	Makes non-bracket housing compatibility with the LED module, ships as a J6 or J25.



**Torsion Spring Adaptor**

# 6SL 6" LED Wireless Speaker Downlight

## QUICK START INSTALLATION GUIDE

1



Pair first speaker light (MASTER) to your Bluetooth® enabled device prior to installation.

2



Sync additional (SATELLITE) units (up to 7) to MASTER unit prior to installation.

3



Disconnect power at the circuit breaker, then install to recessed housing.

4



Reconnect power at circuit breaker, use light as usual, and enjoy music from any streaming service you like.



## SPEAKER PAIRING CONFIGURATION

### Master Speaker

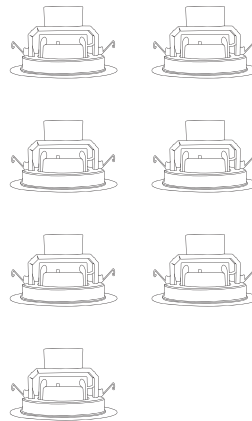


Max. 30' (9m)



Recommended distance from **Bluetooth**® device to master speaker – up to 30 feet

### Satellite Speaker



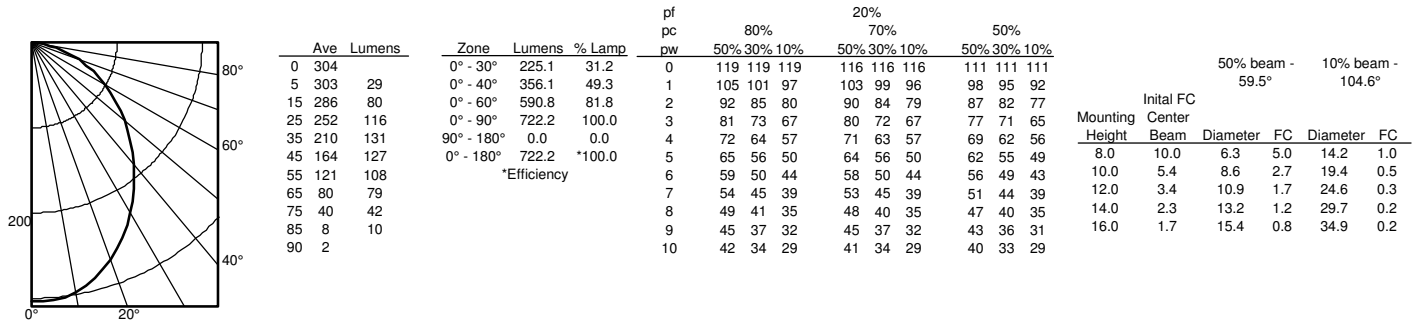
Max. Range  
60' (18m)

# 6SL 6" LED Wireless Speaker Downlight

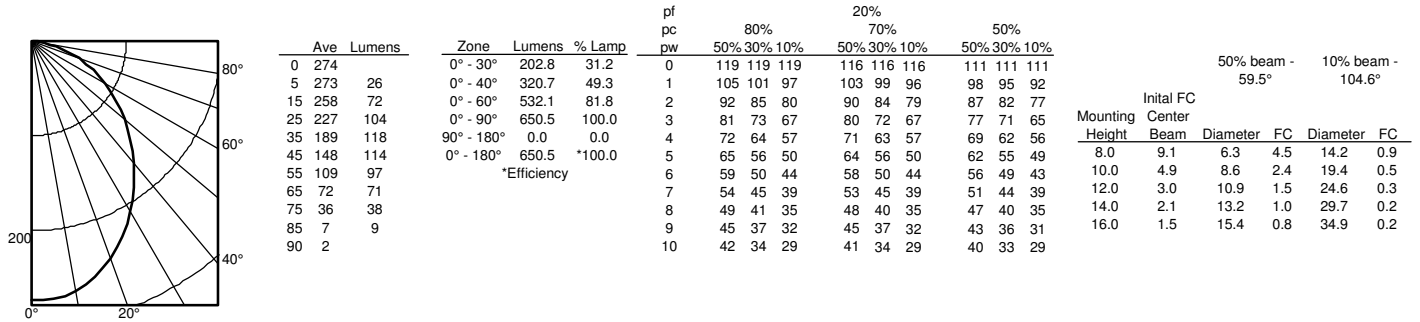
## PHOTOMETRICS

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

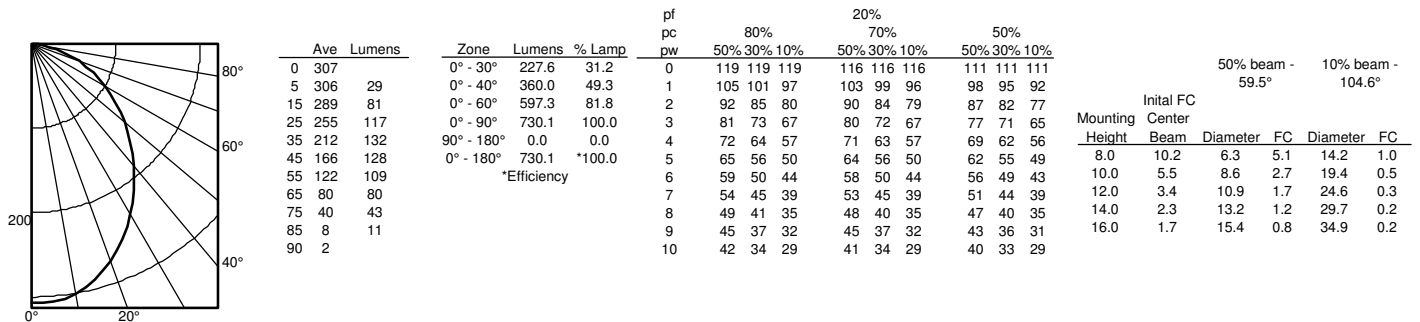
**6SL RD 07LM, 30K, 90CRI**, input watts: 15, delivered lumens: 722, LM/W=48, test no. ISF 34470, tested in accordance with IES LM 79-80



**6SL RD 07LM, 27K, 90CRI**, input watts: 15, delivered lumens: 650, LM/W=43, test no. ISF 34470P1, tested in accordance with IES LM 79-80



**6SL RD 07LM, 40K, 90CRI**, input watts: 15, delivered lumens: 730, LM/W=48, test no. ISF 34470P2, tested in accordance with IES LM 79-80



# 6SL 6" LED Wireless Speaker Downlight

## ADDITIONAL DATA, DIMMING, AND LIGHTING FACTS

**LED lighting facts**  
A Program of the U.S. DOE

**Light Output (Lumens) 720**  
**Watts 12**  
**Lumens per Watt (Efficacy) 60**

**Color Accuracy 90**  
Color Rendering Index (CRI)

**Light Color 3000 (Bright White)**  
Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: NJSM-K508ME (5/9/2017)  
Model Number: 6SL RD 07LM 30K 90CRI MW  
Type: Luminaire - Downlight

**LED lighting facts**  
A Program of the U.S. DOE

**Light Output (Lumens) 650**  
**Watts 11**  
**Lumens per Watt (Efficacy) 59.09**

**Color Accuracy 90**  
Color Rendering Index (CRI)

**Light Color 2700 (Warm White)**  
Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

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Registration Number: NJSM-BP12P8 (6/14/2017)  
Model Number: 6SL RD 07LM 27K 90CRI MW [Upgrade : 6/14/2017]  
Type: Luminaire - Downlight

**LED lighting facts**  
A Program of the U.S. DOE

**Light Output (Lumens) 730**  
**Watts 13**  
**Lumens per Watt (Efficacy) 56.15**

**Color Accuracy 90**  
Color Rendering Index (CRI)

**Light Color 4000 (Bright White)**  
Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

Warm White Bright White Daylight

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Registration Number: NJSM-RXC6D4 (6/14/2017)  
Model Number: 6SL RD 07LM 40K 90CRI MW [Upgrade : 6/14/2017]  
Type: Luminaire - Downlight

### COMPATIBLE DIMMERS

Manufacturer	Model Number	Type	Trim?	Style	Wattage
Lutron	DVCL-153P-WH	Triac	Yes	Decora	150
Lutron	AYCL-153P-WH	Triac	Yes	Toggle	150
Lutron	CTCL-153P-WH	Triac	Yes	Slider	150
Lutron	DVELV-300P	ELV	No	Decora	300
Lutron	300P SELV	ELV	No	Slider	300
Leviton	6633-PA	Triac	No	Slider	600
Pass & Seymour	HCL453PTCCCV6	Triac	Yes	Decora	450
Synergy/Leviton	ISD 600 I 120 / IPI06	Triac	No	Slider	600
Lutron	NTELV-300P	ELV	No	Slider	300
Leviton	6615-P	ELV	No	Slider	300
Synergy/Leviton	ISD 400 ELV 120 / IPE04	ELV	No	Slider	400
Sensorswitch	nSP5 PCD 2W	nLight	Yes	80/120	20/120
Sensorswitch	nSP5 PCD ELV 120	nLight	Yes	80/120	20/120

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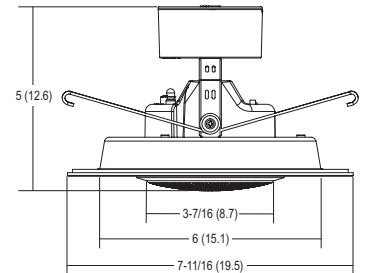
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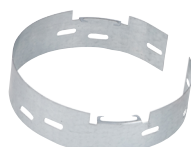
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**Example:** 6SL RD 07LM 30K 90CRI MW

6SL					
Series	Reflector	Nominal Lumens	CCT/W/Lumens <sup>1</sup>	CRI	Finish
<b>6SL</b> 6" Wireless Speaker Downlight	<b>RD</b> Round	<b>07LM</b> 700 Lumens	<b>27K</b> 2700 K / 11W / 650L <b>30K</b> 3000 K / 12W / 720L <b>40K</b> 4000 K / 13W / 730L	<b>90CRI</b> 90CRI	<b>MW</b> Matte white

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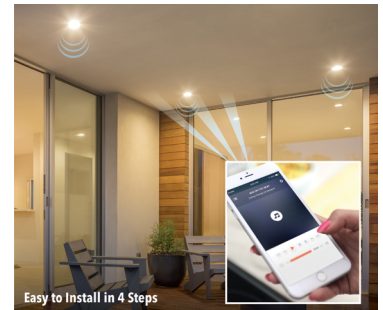


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## SPEAKER PAIRING CONFIGURATION

### Master Speaker

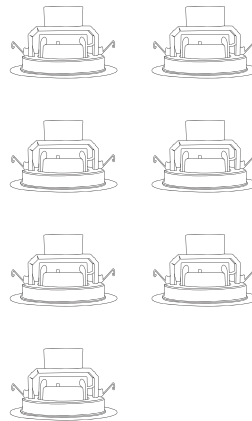


Max. 30' (9m)



Recommended distance from **Bluetooth**® device to master speaker – up to 30 feet

### Satellite Speaker



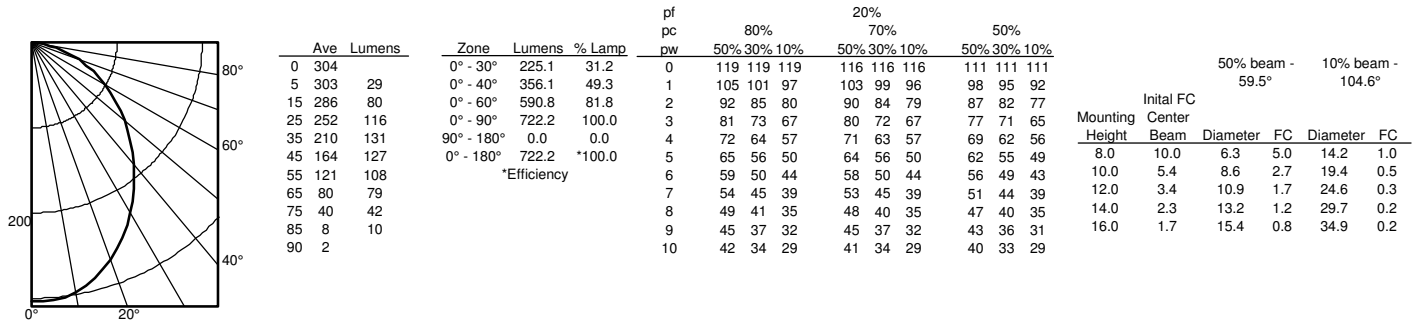
Max. Range  
60' (18m)

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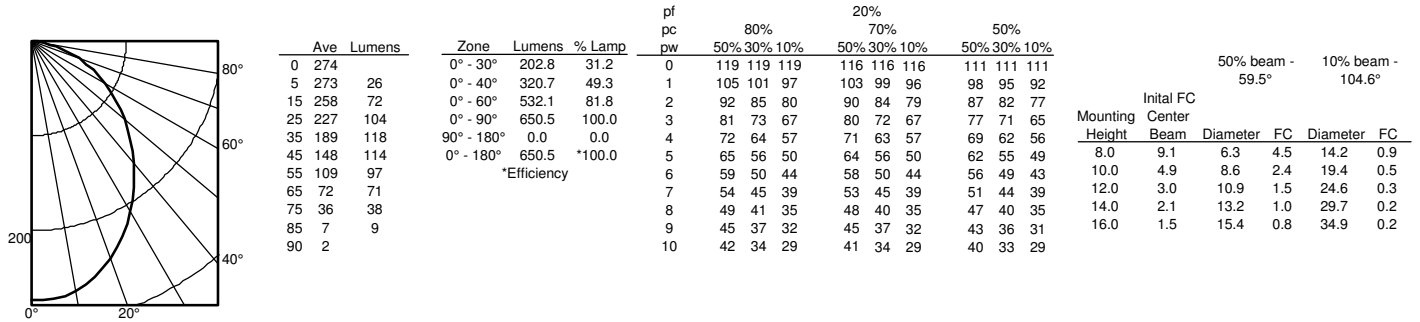
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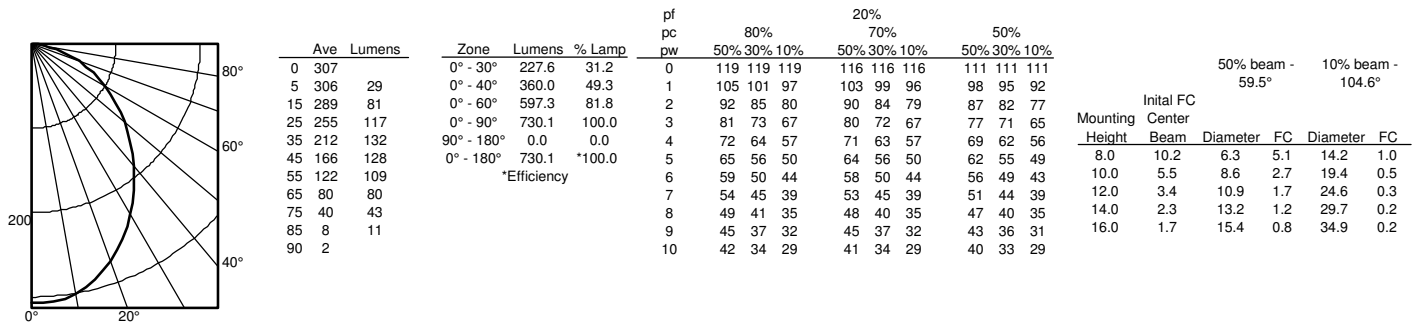
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# 6SL 6" LED Wireless Speaker Downlight

## ADDITIONAL DATA, DIMMING, AND LIGHTING FACTS

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **720**  
Watts **12**  
Lumens per Watt (Efficacy) **60**

Color Accuracy  
Color Rendering Index (CRI) **90**

Light Color  
Correlated Color Temperature (CCT) **3000 (Bright White)**

Warm White | Bright White | Daylight  
2700K | 3000K | 4500K | 6500K

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Registration Number: NJSM-K508ME (5/9/2017)  
Model Number: 6SL RD 07LM 30K 90CRI MW  
Type: Luminaire - Downlight

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **650**  
Watts **11**  
Lumens per Watt (Efficacy) **59.09**

Color Accuracy  
Color Rendering Index (CRI) **90**

Light Color  
Correlated Color Temperature (CCT) **2700 (Warm White)**

Warm White | Bright White | Daylight  
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Model Number: 6SL RD 07LM 27K 90CRI MW [Upgrade : 6/14/2017]  
Type: Luminaire - Downlight

**LED lighting facts**  
A Program of the U.S. DOE

Light Output (Lumens) **730**  
Watts **13**  
Lumens per Watt (Efficacy) **56.15**

Color Accuracy  
Color Rendering Index (CRI) **90**

Light Color  
Correlated Color Temperature (CCT) **4000 (Bright White)**

Warm White | Bright White | Daylight  
2700K | 3000K | 4500K | 6500K

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Lutron	300P SELV	ELV	No	Slider	300
Leviton	6633-PA	Triac	No	Slider	600
Pass & Seymour	HCL453PTCCCV6	Triac	Yes	Decora	450
Synergy/Leviton	ISD 600 I 120 / IPI06	Triac	No	Slider	600
Lutron	NTELV-300P	ELV	No	Slider	300
Leviton	6615-P	ELV	No	Slider	300
Synergy/Leviton	ISD 400 ELV 120 / IPE04	ELV	No	Slider	400
Sensorswitch	nSP5 PCD 2W	nLight	Yes	80/120	20/120
Sensorswitch	nSP5 PCD ELV 120	nLight	Yes	80/120	20/120