JUNO

J6SLC RGBW

6" Smart Speaker LED Trim Kit

Project:	
Fixture Type:	
Location:	
Contact/Phone:	

J6SLC RGBW Series

Product Features

The Smart Speaker Downlight provides smart home expansion with entertainment Bluetooth audio streaming, fully integrated smart lighting control with expanded RGBW lighting to set the perfect mood or theme for any occasion or activity. Once connected to the smart home platform via Bluetooth or Zigbee, the Smart Speaker LED trims can be controlled either via voice command, time schedules, or with the app. Commission through the SmartThings app or Alexa and Google voice assistant apps. Once installed, controlling the lighting from your mobile device is simple and easy to customize lighting from on/off, fine-tuning the color temperatures (2700K to 5000K) or RGB for full color spectrum options, dimming to set the mood, and grouping to control an entire lighting application at once.

The LED module maintains at least 70% light output for 50,000 hours.

- Direct set-up with or without a hub[1,2]
- Pairs with smart devices to enable voice control
- Customize lighting to fine-tune the color temperatures (2700K to 5000K) or RGB for full color changing functionality
- Built-in Bluetooth speaker + Auto speaker grouping

Easy installation and serviceability

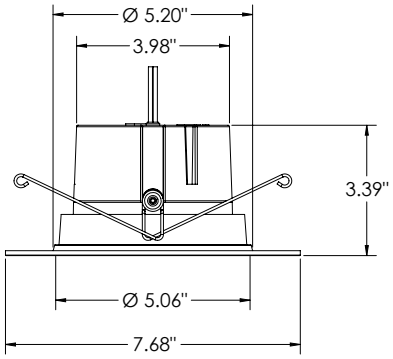
- See Quick Start Guide for Light Connectivity Options and Speaker Group Creation
- All-in-one design where electronics are integrated into trim replaces the existing lamp and trim
- Trim features quick connect plug for easy electrical connection in seconds
- Torsion springs are pre-installed and designed to fit into most 6" compatible recessed housings

Notes

1 For integration with Alexa: an Echo (4th Generation Smart Home Hub), Echo Plus, or Echo Show 10 is required. Integration with older Alexa devices will require an Amazon eero 6 Mesh Wifi system or a SmartThings hub.

2 For integration with Google speakers: a SmartThings hub is required when installing 6 or more light fixtures.

Dimensions



Specifications

Aperture: 5.06"

Ceiling opening: 5.25"

Overlap trim: 7.68"

Height: 3.39"

Performance

Delivered Lumens	800L Nominal at 3000K
LED Color Temperature	Tunable White (2700K to 5000K) + RGB Colors
CRI	90+
Voltage	Dedicated 120 VAC
Dimming	Dimmable to 1% Not for use with Wall Dimmers

Applications

- Retrofit into existing 6" recessed housings or use with quick connect housings for new construction or remodel applications
- Wet rated and air-loc: perfect for showers, bathrooms, outdoor porches, decks, and eaves
- For use with housings installed in IC rated applications (direct contact with insulation)

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ORDERING INFORMATION

6" Smart Speaker RGBW LED Trim Kit

Example: J6SLC RGBW MW M6

Series		Color Temperature		Finish		Options		Packaging	
J6SLC	6" Smart Speaker LED RGBW Smooth Trim Kit	**RGBW**	Tunable White (2700K to 5000K) + RGB Colors	**MW**	Matte White	**L/SKTWHIP**[1]	No E26 Adapter (CA only)	**M6**	Master Pack - Individually Packaged

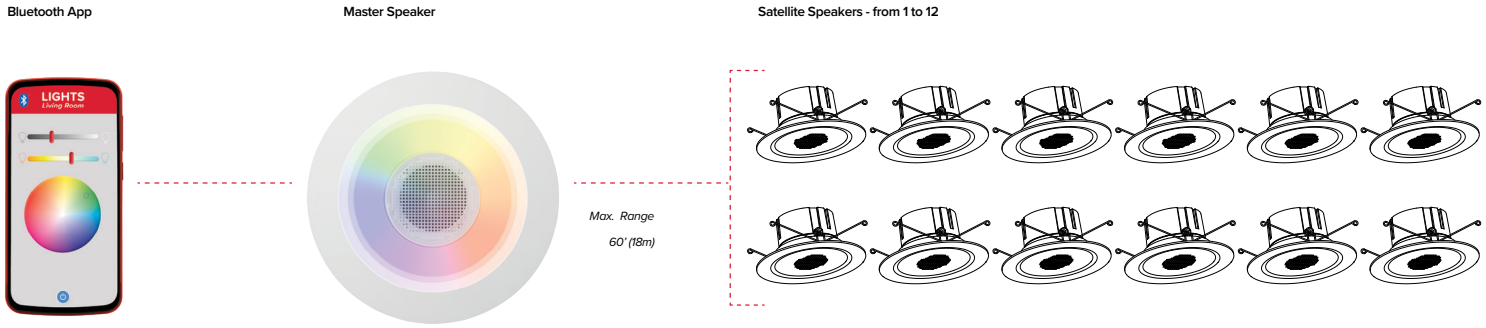
Notes

1 L/SKTWHIP must be selected for product shipping to California.

Pairs perfectly with Juno housings for a complete downlight solution: Order housings as separate catalog number.

QC6 Series - New Construction Quick Connect LED Housing

QC6R Series - Remodel Quick Connect LED Housing



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6" Smart Speaker LED Trim Kit

Specifications/Electrical Data

LED Downlight Retrofit Trim
Aluminum die cast trim with polycarbonate housing in matte white finish • Pressed-in diffusing lens optimized for concealing the LEDS from direct view in the on and off state • All-in-one design where LED light engine mounts directly to the trim for ease of installation into existing 6" recessed housings with medium base sockets or quick connect LED housings • Provided with torsion springs

LED LIGHT ENGINE
LEDs are integrated to one piece high purity aluminum, thermally conductive housing to provide uninterrupted heat transfer to ensure long life of the LED.

• Tunable white color temperatures (2700K to 5000K) or RGB for full color changing functionality

• 90 CRI minimum

• Accommodates 120 volts AC at 60Hz

Optical System
Diffused lens surrounding speaker provides even light distribution for general illumination • Optimized for wide fixture spacings • Up to 800 nominal lumens is equivalent to 75W BR30 lamp.

Electrical Connections
High-efficiency driver mounted on the module. 1 x 1 4Ω, 5W loudspeaker • Trim features quick connect plug installed as standard for installation into Juno quick connect housings with mating connector • Trim ships with a medium base socket adapter whip for installation into 6" incandescent housings with medium base sockets.

Life
Rated for 50,000 hours at 70% lumen maintenance.

Labels
CSA certified to US and Canadian safety standards • Suitable for wet location, covered ceiling • Air-Loc certified in accordance with ASTM E283-2004 • NOM Certified

Testing: All reports are based on published industry procedures; field performance may differ from laboratory performance.

Warranty
3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

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.

PERFORMANCE DATA

	J6SLC
Input Voltage	120V
Input Power Typical	12.8W (+/-5%)
Power Factor	.9
Frequency	60 Hz
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-20°C (-4°F) minimum

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

LIGHTING PERFORMANCE DATA
DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE

Light Appearance (CCT) Aspect de la lumière (CCT)	
2700K soft white | blanc doux	
782 lumens | **61** lumens per watt	
3000K warm white | blanc chaud	
798 lumens | **62** lumens per watt	
3500K neutral white | blanc neutre	
829 lumens | **65** lumens per watt	
4000K cool white | blanc froid	
837 lumens | **65** lumens per watt	
5000K daylight | blanc neutre	
837 lumens | **65** lumens per watt	
Watts	**12.8**
Color Accuracy (CRI) Précision des couleurs (CRI)	**90**

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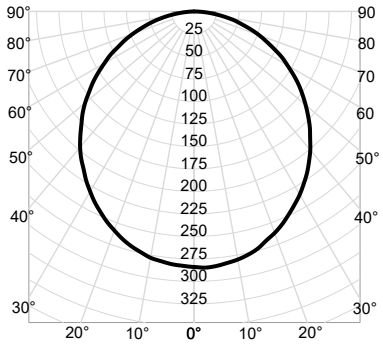
PHOTOMETRICS

J6SLC RGBW MW M6 - 2700K Input Watts: 12.8, Delivered Lumens: 782, LPW: 61.1, S/MH: 1.23, Test No: ISF 231045P1



CP Summary

0°	
0°	284
5°	284
15°	273
25°	249
35°	219
45°	182
55°	142
65°	98
75°	55
85°	16
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	218	28%
0° - 40°	353	45%
0° - 60°	615	79%
0° - 90°	782	100%
90° - 180°	0	0%
0° - 180°	782	100%

Coefficients of Utilization

ρf										
ρc	80%			20%						
				70%			50%			
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	116	116	116	111	111	111	
1	104	99	96	102	98	94	97	94	91	
2	90	84	78	89	82	77	85	80	75	
3	79	71	65	78	70	64	75	68	63	
4	70	62	55	69	61	54	67	59	54	
5	63	54	47	62	53	47	60	52	46	
6	57	48	41	56	47	41	54	46	41	
7	51	43	36	51	42	36	49	42	36	
8	47	38	33	46	38	32	45	38	32	
9	43	35	29	43	35	29	41	34	29	
10	40	32	27	39	32	27	38	31	26	

Cone of Light

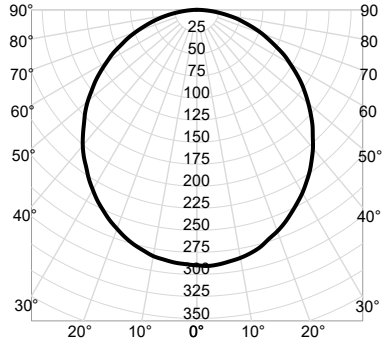
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	7.9	16.7
8.0	4.4	22.2
10.0	2.8	27.8
12.0	2.0	33.3
14.0	1.4	38.9

Beam Angle: 108.5°
Field Angle: 163.3°

Luminance (cd/sq.m)

	Average Luminance
0°	21,050
45°	19,078
55°	18,350
65°	17,188
75°	15,751
85°	13,607

J6SLC RGBW MW M6 - 3000K Input Watts: 12.8, Delivered Lumens: 798, LPW: 62.3, S/MH: 1.23, Test No: ISF 231045P2



CP Summary

0°	
0°	290
5°	290
15°	278
25°	254
35°	223
45°	186
55°	145
65°	100
75°	56
85°	16
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	222	28%
0° - 40°	360	45%
0° - 60°	628	79%
0° - 90°	798	100%
90° - 180°	0	0%
0° - 180°	798	100%

Coefficients of Utilization

ρf										
ρc	80%			20%						
				70%			50%			
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	116	116	116	111	111	111	
1	104	99	96	102	98	94	97	94	91	
2	90	84	78	89	82	77	85	80	75	
3	79	71	65	78	70	64	75	68	63	
4	70	62	55	69	61	54	67	59	54	
5	63	54	47	62	53	47	60	52	46	
6	57	48	41	56	47	41	54	46	41	
7	51	43	36	51	42	36	49	42	36	
8	47	38	33	46	38	32	45	38	32	
9	43	35	29	43	35	29	41	34	29	
10	40	32	27	39	32	27	38	31	26	

Cone of Light

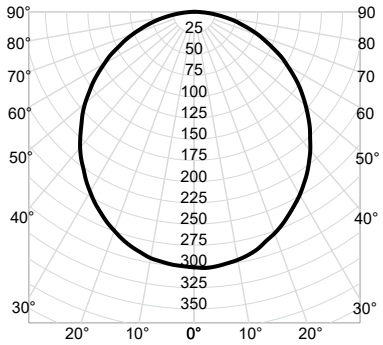
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.0	16.7
8.0	4.5	22.2
10.0	2.9	27.8
12.0	2.0	33.3
14.0	1.5	38.9

Beam Angle: 108.5°
Field Angle: 163.3°

Luminance (cd/sq.m)

	Average Luminance
0°	21,471
45°	19,459
55°	18,717
65°	17,532
75°	16,066
85°	13,879

J6SLC RGBW MW M6 - 3500K Input Watts: 12.8, Delivered Lumens: 829, LPW: 64.8, S/MH: 1.23, Test No: ISF 231045P3



CP Summary

0°	
0°	301
5°	301
15°	289
25°	264
35°	232
45°	193
55°	151
65°	104
75°	58
85°	17
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	231	28%
0° - 40°	374	45%
0° - 60°	652	79%
0° - 90°	829	100%
90° - 180°	0	0%
0° - 180°	829	100%

Coefficients of Utilization

ρf										
ρc	80%			20%						
				70%			50%			
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	119	119	119	116	116	116	111	111	111	
1	104	99	96	102	98	94	97	94	91	
2	90	84	78	89	82	77	85	80	75	
3	79	71	65	78	70	64	75	68	63	
4	70	62	55	69	61	54	67	59	54	
5	63	54	47	62	53	47	60	52	46	
6	57	48	41	56	47	41	54	46	41	
7	51	43	36	51	42	36	49	42	36	
8	47	38	33	46	38	32	45	38	32	
9	43	35	29	43	35	29	41	34	29	
10	40	32	27	39	32	27	38	31	26	

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.4	16.7
8.0	4.7	22.2
10.0	3.0	27.8
12.0	2.1	33.3
14.0	1.5	38.9

Beam Angle: 108.5°
Field Angle: 163.3°

Luminance (cd/sq.m)

	Average Luminance
0°	22,313
45°	20,223
55°	19,451
65°	18,219
75°	16,696
85°	14,424

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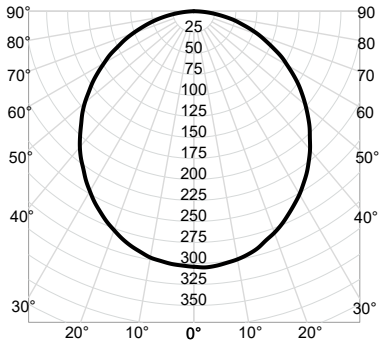
J6SLC RGBW

6" Smart Speaker LED Trim Kit

PHOTOMETRICS

J6SLC RGBW MW M6 - 4000K Input Watts: 12.8, Delivered Lumens: 837, LPW: 65.4, S/MH: 1.23, Test No: ISF 231045P4



CP Summary

	0°
0°	304
5°	304
15°	292
25°	266
35°	234
45°	195
55°	152
65°	105
75°	59
85°	17
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	233	28%
0° - 40°	378	45%
0° - 60°	658	79%
0° - 90°	837	100%
90° - 180°	0	0%
0° - 180°	837	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρw									
0	119	119	119	116	116	116	111	111	111
1	104	99	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Cone of Light

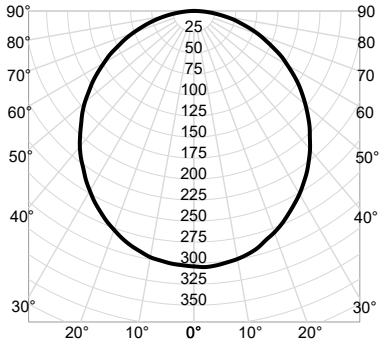
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.4	16.7
8.0	4.7	22.2
10.0	3.0	27.8
12.0	2.1	33.3
14.0	1.6	38.9

Beam Angle: 108.5°
Field Angle: 163.3°

Luminance (cd/sq.m)

	Average Luminance
0°	22,524
45°	20,413
55°	19,635
65°	18,391
75°	16,854
85°	14,560

J6SLC RGBW MW M6 - 5000K Input Watts: 12.8, Delivered Lumens: 837, LPW: 65.4, S/MH: 1.23, Test No: ISF 231045P5



CP Summary

	0°
0°	304
5°	304
15°	292
25°	266
35°	234
45°	195
55°	152
65°	105
75°	59
85°	17
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	233	28%
0° - 40°	378	45%
0° - 60°	658	79%
0° - 90°	837	100%
90° - 180°	0	0%
0° - 180°	837	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρw									
0	119	119	119	116	116	116	111	111	111
1	104	99	96	102	98	94	97	94	91
2	90	84	78	89	82	77	85	80	75
3	79	71	65	78	70	64	75	68	63
4	70	62	55	69	61	54	67	59	54
5	63	54	47	62	53	47	60	52	46
6	57	48	41	56	47	41	54	46	41
7	51	43	36	51	42	36	49	42	36
8	47	38	33	46	38	32	45	38	32
9	43	35	29	43	35	29	41	34	29
10	40	32	27	39	32	27	38	31	26

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.4	16.7
8.0	4.7	22.2
10.0	3.0	27.8
12.0	2.1	33.3
14.0	1.6	38.9

Beam Angle: 108.5°
Field Angle: 163.3°

Luminance (cd/sq.m)

	Average Luminance
0°	22,524
45°	20,413
55°	19,635
65°	18,391
75°	16,854
85°	14,560

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