JUNO

JUNO SLIMBASICS™ LED SURFACE MOUNT DOWNLIGHT

FOR J-BOX INSTALLATION

5" & 7" ROUND

JSBC SERIES

Project:

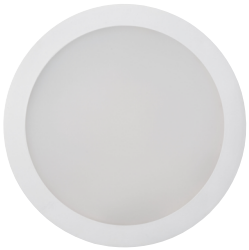
Fixture Type:

Location:

Contact/Phone:

PRODUCT DESCRIPTION

Sleek, low-profile LED round surface mount downlights in 5" and 7" sizes • Provides economical installation by mounting directly over standard junction boxes • Provides general illumination in residential and commercial applications including multi-family and hospitality • Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more.



PRODUCT SPECIFICATIONS

Construction Shallow, 1" low profile with metal housing and white finish • Metal backplate allows for solid installation to junction box.

Optics Properly spaced LEDs and diffused lens provides uniform light distribution for general illumination even when dimmed.

LED Light Engine LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • 3000K LED color temperature • LEDs binned for 4-step MacAdam ellipse color consistency (5" Only; While supplies last).

LED Driver Dedicated 120 volt (120) driver at 50/60Hz • Power factor > 0.9 at 120V input •120 volt driver is dimmable with the use of most incandescent, magnetic low voltage and electronic low voltage wall box dimmers.

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

Labels ENERGY STAR® certified • Certified to the high efficacy requirements of California T24 JA8-2016 • CSA listed for US and Canada • Suitable for damp locations.

Testing All reports are based on published industry procedures; actual performance may differ as a result of the end-user environment and applications. All values are design or typical values, measured under laboratory conditions at 25 °C.

Warranty 5-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

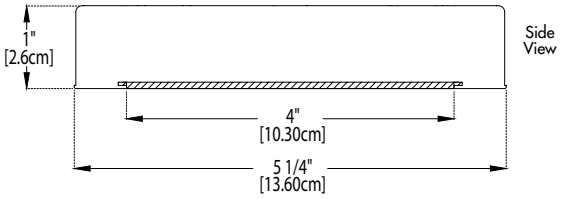
Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

INSTALLATION

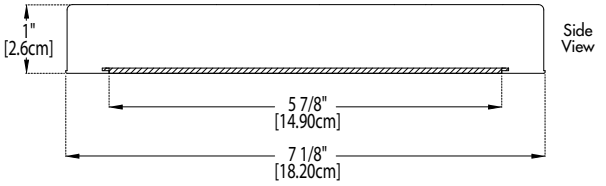
Junction Box Mounting Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes • Compatible boxes include 3" and 4" metal or plastic standard and fire-rated round and octagon junction boxes • Compatible with pancake boxes if enough depth is allowed for connections and wiring space • Quick mount bracket provides easy twist turn locking of fully assembled fixture to junction box • Suitable for wall and ceiling mount • Suitable for use within closet storage spaces when installed per NEC requirements.

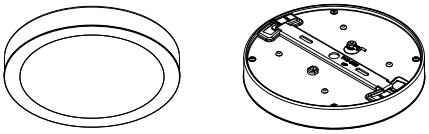
Junction boxes vary - verify compatibility prior to installation.

DIMENSIONS



JSBC 5IN





JSBC 7IN

SPECIFICATIONS

	Width	Depth
JSBC 5IN	5.25" (13.6)	1" (2.6)
JSBC 7IN	7.15" (18.2)	1" (2.6)

All dimensions are in inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

Example: JSBC 5IN 30K 90CRI WH

Series	Size	Color Temperature	CRI	Finish
JSBC SlimBasics Surface Mount Downlight - Round	5IN 5" 7IN 7"	30K 3000K	90CRI 90+ CRI	WH White

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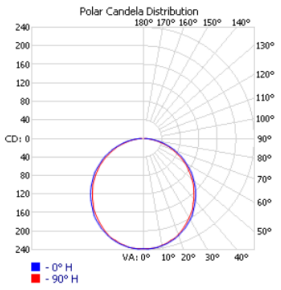
PERFORMANCE DATA

	JSBC 5IN	JSBC 7IN
	3000K	**3000K**
Lumens	650lm	1050lm
CRI	90CRI	90CRI
CCT	30K	30K
Voltage	120V	120V
Input Power	11W	17W
Input Current	100MA	145MA
Frequency	50/60Hz	50/60Hz
Power Factor	>0.9	>0.9

PHOTOMETRICS

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

JSBC 5IN 30K, 3000K LEDs, input watts: 10.8, delivered lumens: 681.9, LM/W = 63.1, test no. ISF 20460P30, tested in accordance to IESNA LM-79.



COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

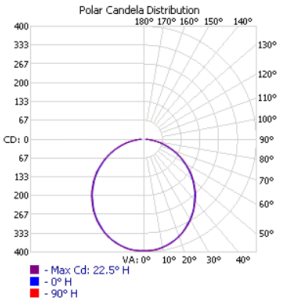
EFFECTIVE FLOOR CAVITY REFLECTANCE: 20%

RCC %:	80				70				50			30			10			0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.82	.70	.85	.79	.74	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.71	.64	.87	.77	.70	.60	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.68	.60	.51	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5	.75	.62	.53	.47	.73	.61	.53	.44	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33
8	.60	.46	.38	.32	.58	.46	.38	.31	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.28	.40	.33	.28	.39	.33	.28	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	184.5	27%
0-40	300.9	44.1%
0-60	530.4	77.8%
60-90	151.5	22.2%
0-90	681.9	100%

JSBC 7IN 30K, 3000K LEDs, input watts: 17.2, delivered lumens: 1127, LM/W = 65.5, test no. ISF 20464P30, tested in accordance to IESNA LM-79.



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RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.08	1.03	.99	.95	1.06	1.01	.97	.84	.97	.94	.90	.93	.90	.88	.89	.87	.85	.83
2	.98	.90	.83	.77	.96	.88	.82	.70	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3	.90	.79	.71	.64	.87	.77	.70	.60	.74	.68	.62	.72	.66	.61	.69	.64	.60	.58
4	.82	.70	.61	.54	.80	.68	.60	.51	.66	.59	.53	.64	.57	.52	.61	.56	.52	.49
5	.75	.62	.53	.47	.73	.61	.53	.45	.59	.52	.46	.57	.50	.45	.55	.49	.45	.43
6	.70	.56	.47	.41	.68	.55	.47	.39	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7	.65	.51	.42	.36	.63	.50	.42	.35	.49	.41	.35	.47	.40	.35	.46	.40	.35	.33
8	.60	.46	.38	.32	.59	.46	.38	.31	.44	.37	.32	.43	.36	.31	.42	.36	.31	.29
9	.56	.43	.34	.29	.55	.42	.34	.28	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10	.53	.39	.31	.26	.51	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LUMINAIRE
0-30	306	27.1%
0-40	498.8	44.2%
0-60	876.9	77.7%
60-90	251	22.3%
0-90	1127.8	100%

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DEDICATED 120V FIXTURES

Incandescent and Magnetic Low Voltage - Forward Phase Dimming

Dimmable with the use of most forward phase dimmers • Dimming range of 100% down to 10% or lower with a minimum load of one fixture and a maximum load of 50% of the dimmer rated load; both dimming range and maximum rated load may vary depending on dimmer model.

Juno Qualified Dimmers include:

Lutron® Model Numbers:
- Diva® DV Series
- Glyder® GLV Series
- Nova T® NT Series
- Skylark® SLV Series

Electronic Low Voltage - Reverse Phase Dimming

Dimmable with the use of most electronic low voltage dimmers • Electronic low voltage dimmers require a neutral wire in the wall box • Dimming range of 100% down to 10% or lower with a minimum load of one fixture and a maximum load of 75% of the dimmer rated load; both dimming range and maximum rated load may vary depending on dimmer model.

Juno Qualified Dimmers include:

Lutron® Model Numbers:	Leviton® Model Numbers:	Synergy/Leviton® Model Numbers:	Sensor Switch® Model Numbers:
• Diva® DVELV Series	• Illumatech® IPE04	• ISD400 ELV 120/IPE04	• nLight® nSP5
• Nova T® NTELV Series	• Sure Slide 6615-P		
• Skylark® SELV Series			

Consult technical services for additional information regarding other dimmer model qualification.

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