

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 and 4000K LED color temperatures • LEDs binned for 4-step MacAdam ellipse color consistency.

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. Complete warranty terms located at www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx

Specifications subject to change without notice.

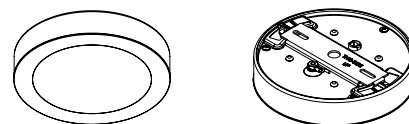
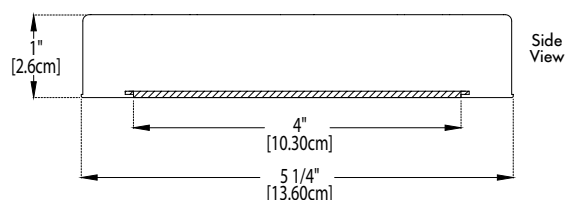
INSTALLATION

Junction Box Mounting Fixture provided with leads for direct wire connection in j-box • Installs directly to industry standard junction boxes

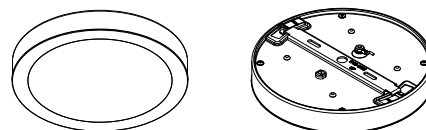
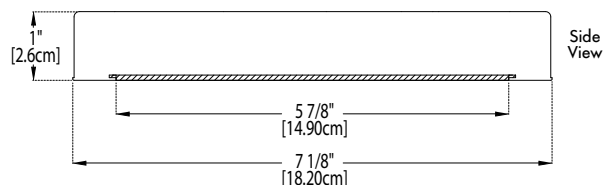
- Compatible boxes include 3" and 4" metal or plastic standard and fire-rated round and octagon junction boxes
- Compatible with pancake boxes if enough depth is allowed for connections and wiring space
- Quick mount bracket provides easy twist turn locking of fully assembled fixture to junction box
- 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 | Packaging |
|---|--------|------------------------|---------------|----------|-------------------------------|
| JSBC SlimBasics Surface Mount Downlight - Round | 5IN 5" | 30K 3000K | 90CRI 90+ CRI | WH White | CP4 M4 Pack of 4 ¹ |
| | 7IN 7" | 40K 4000K ¹ | | | |

Note:

¹ Contract Pack only available in 4000K.

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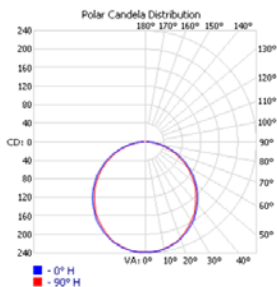
PERFORMANCE DATA

| | JSBC 5IN | | JSBC 7IN | |
|---------------|----------|---------|----------|---------|
| | 3000K | 4000K | 3000K | 4000K |
| Lumens | 650lm | 700lm | 1050lm | 1100lm |
| CRI | 90CRI | 90CRI | 90CRI | 90CRI |
| CCT | 30K | 40K | 30K | 40K |
| Voltage | 120V | 120V | 120V | 120V |
| Input Power | 11W | 11W | 17W | 17W |
| Input Current | 100MA | 100MA | 145MA | 145MA |
| Frequency | 50/60Hz | 50/60Hz | 50/60Hz | 50/60Hz |
| Power Factor | >0.9 | >0.9 | >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%

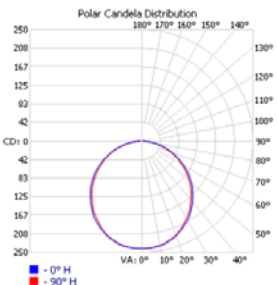
| RCC %: | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 | | |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RW %: | 70 | 50 | 30 | 0 | 70 | 50 | 30 | 0 | 50 | 30 | 20 | 50 | 30 | 20 | 50 | 30 | 20 | 0 |
| RCC: 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 5IN 40K, 4000K LEDs, input watts: 10.8, delivered lumens: 692.6, LM/W = 64.1, test no. ISF 20460P40, 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 |
| RCC: 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 | .51 | .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 | .48 | .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 | 187.3 | 27% |
| 0-40 | 305.6 | 44.1% |
| 0-60 | 538.5 | 77.8% |
| 60-90 | 154 | 22.2% |
| 0-90 | 692.6 | 100% |

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PHOTOMETRICS

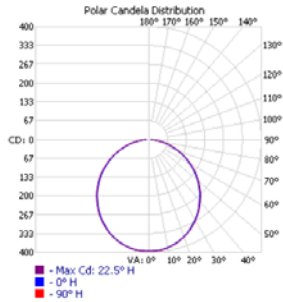
Distribution Curve

Distribution Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

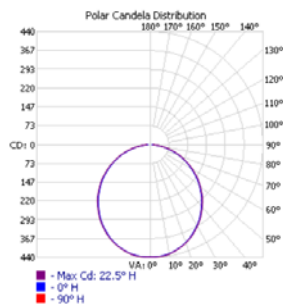
JSBC 7IN 30K, 3000K LEDs, input watts: 17.2, delivered lumens: 1127, LM/W = 65.5, test no. ISF 20464P30, tested in accordance to IESNA LM-79.



| COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EFFECTIVE FLOOR CAVITY REFLECTANCE: 20% | | | | | | | | | | | | | | | | | | |
| RCC %: | 80 | | | | 70 | | | | 50 | | | | 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 | .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% |

JSBC 7IN 40K, 4000K LEDs, input watts: 17.2, delivered lumens: 1251.3, LM/W = 72.8, test no. ISF 20464P40, tested in accordance to IESNA LM-79.



| COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD | | | | | | | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EFFECTIVE FLOOR CAVITY REFLECTANCE: 20% | | | | | | | | | | | | | | | | | | |
| RCC %: | 80 | | | | 70 | | | | 50 | | | | 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 | .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 | 339.4 | 27.1% |
| 0-40 | 553.3 | 44.2% |
| 0-60 | 972.8 | 77.7% |
| 60-90 | 278.5 | 22.3% |
| 0-90 | 1251.3 | 100% |

JUNO SLIMBASICS™ LED SURFACE MOUNT DOWNLIGHT

FOR J-BOX INSTALLATION
5" & 7" ROUND
JSBC SERIES

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:

- Diva® DVELV Series
- Nova T® NTELV Series
- Skylark® SELV Series

Leviton® Model Numbers:

- Illumatech® IPE04
- Sure Slide 6615-P

Synergy/Leviton® Model Numbers:

- ISD400 ELV 120/IPE04

Sensor Switch® Model Numbers:

- nLight® nSP5

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