



# JUNO SLIMFORM™ LED SURFACE MOUNT DOWNLIGHTS

FOR J-BOX INSTALLATION  
5", 7", 11", 13" ROUND

**JSF SERIES**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_



## PRODUCT DESCRIPTION

Sleek, ultra-low profile energy efficient LED surface mount downlights in multiple sizes from 5" to 13" • Provides economical installation by mounting directly over standard and fire-rated junction boxes • Optional finish trims and shrouds available for custom, designer look similar to standard recessed downlights • Provides general illumination in residential and commercial applications including multi-family and hospitality • Ideal for use in corridors, living spaces, closets, hallways, pantries, stairways, outdoor covered areas and much more.

## PRODUCT SPECIFICATIONS

**Construction** Shallow, less than 1", solid ring with white finish

- Non conductive fixture for shower light applications
- Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture
- Optional, field installable decorative baffle and cone shrouds for 5" and 7" versions provide the aesthetic and source shielding similar to the experience of a fully recessed downlight.

**Optics** Light guide technology combined with diffusing lens conceals the LEDs from direct view and provides uniform lens luminance.

**LED Light Engine** LEDs mounted directly to heatsink designed to provide superior thermal management and ensure long life • 2700K, 3000K, 3500K or 4000K LED color temperature • LEDs binned for 4-step MacAdam ellipse color consistency • 90 CRI minimum.

**LED Driver** Choice of dedicated 120 volt (120) driver or universal voltage (MVOLT) driver that accommodates input voltages from 120-277 volts AC at 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 • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • External driver is only available on 5" and 7" models • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

**Emergency Battery Option** Available on fixture sizes 11" and larger

- Battery factory assembled to fixture with integral test switch (EL option)
- Drives LEDs for 90 minutes to meet Life Safety Code (NFPA-LSC), National Electrical Code (NEC), and UL requirements
- Emergency battery not available in California due to Title 20 restrictions
- EBX option provides back box without battery for consistent look when used in same space as fixtures with EL emergency option.

**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 wet locations (covered ceilings).

**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](http://www.acuitybrands.com/CustomResources/Terms_and_conditions.aspx)

Specifications subject to change without notice.

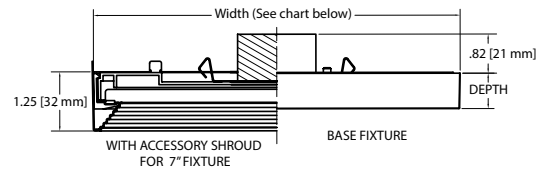
## INSTALLATION

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

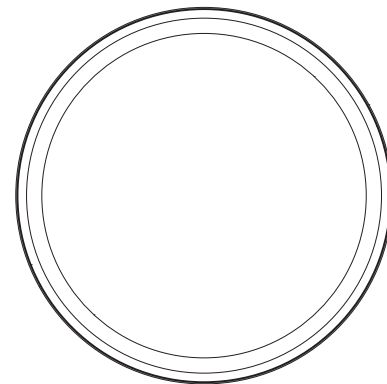
- Compatible boxes include 4" metal or plastic octagonal standard and fire-rated junction boxes (3 1/2" junction box screw-hole spacing required for installation)
- Minimum 2 1/8" deep junction box required
- Quick mount bracket provides fast installation of fully assembled fixture to junction box
- Suitable for ceiling mount
- Suitable for use within closet storage spaces when installed per NEC requirements.



## DIMENSIONS



External driver available on 5" and 7" models only.

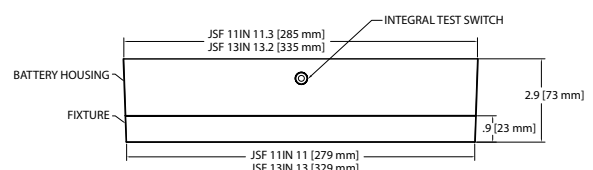


## ROUND SPECIFICATIONS

|          | Width         | Depth       |
|----------|---------------|-------------|
| JSF 5IN  | 5.25 (13.34)  | 0.75 (1.91) |
| JSF 7IN  | 7.77 (19.74)  | 0.75 (1.91) |
| JSF 11IN | 11.08 (28.14) | 0.9 (2.29)  |
| JSF 13IN | 13.05 (33.15) | 0.9 (2.29)  |

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

## EMERGENCY BATTERY FOR 11" AND 13"



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## PERFORMANCE DATA

|               | JSF 5IN            |           | JSF 7IN            |           | JSF 11IN           |           | JSF 13IN           |           |
|---------------|--------------------|-----------|--------------------|-----------|--------------------|-----------|--------------------|-----------|
|               | 120V               | MVOLT     | 120V               | MVOLT     | 120V               | MVOLT     | 120V               | MVOLT     |
| Lumens        | 700                | 700       | 1000               | 1000      | 1300               | 1300      | 1800               | 1800      |
| CRI           | 90CRI              |           | 90CRI              |           | 90CRI              |           | 90CRI              |           |
| CCT           | 27K, 30K, 35K, 40K |           | 27K, 30K, 35K, 40K |           | 27K, 30K, 35K, 40K |           | 27K, 30K, 35K, 40K |           |
| Voltage       | 120V               | 120V-277V | 120V               | 120V-277V | 120V               | 120V-277V | 120V               | 120V-277V |
| Input Power   | 10W                | 10W       | 13W                | 13W       | 15W                | 15W       | 20W                | 20W       |
| Input Current | 110MA              | 50MA      | 150MA              | 60MA      | 180MA              | 80MA      | 240MA              | 110MA     |
| Frequency     | 60Hz               |           | 60Hz               |           | 60Hz               |           | 60Hz               |           |
| Power Factor  | >0.9               |           | >0.9               |           | >0.9               |           | >0.9               |           |

## ORDERING INFORMATION

Example: JSF 5IN 07LM 27K 90CRI 120 FRPC WH

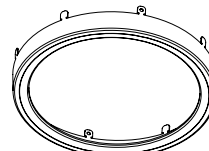
| Series                                       | Size/Lumens                | Color Temperature | CRI           | Voltage/Driver  | Finish   | Emergency Battery <sup>1,2,3</sup>  |
|--|----------------------------|-------------------|---------------|---|----------|---|
| JSF SlimForm Surface Mount Downlight - Round | 5IN 07LM 5", 700 Lumens    | 27K 2700K         | 90CRI 90+ CRI | 120 FRPC Dedicated 120V, Forward Reverse Phase Dimmign<br>MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming | WH White | EL <sup>3</sup> Battery Back-up Option<br>EBX Empty Back Box for Aesthetics |
|  | 7IN 10LM 7", 1000 Lumens   | 30K 3000K         |               |   |          |   |
|  | 11IN 13LM 11", 1300 Lumens | 35K 3500K         |               |   |          |   |
|  | 13IN 18LM 13", 1800 Lumens | 40K 4000K         |               |   |          |   |

## ACCESSORIES

**TRIM** – Optional, field installable finish trim rings available to change the exterior finish of fixture.

Example: JSFTRIM 5IN BL

| Series                           | Size         | Finish          |
|----------------------------------|--------------|-----------------|
| JSFTRIM SlimForm Accessory- Trim | 5IN 5 inches | BL Black        |
|                                  | 7IN 7 inches | BZ Bronze       |
|                                  |              | SN Satin Nickel |

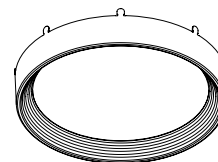


**TRIM**

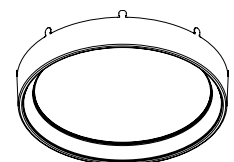
**SHROUD** – Optional, field installable decorative baffle and cone shrouds provides the aesthetic and source shielding similar to the experience of a fully recessed downlight.

Example: JSFSHROUD 5IN DB WWH

| Series                                      | Size         | Shroud Style        | Finish                                    |
|---|--------------|---------------------|---|
| JSFSHROUD SlimForm Accessory Shroud - Round | 5IN 5 inches | DB Downlight Baffle | WWH White trim, white shroud              |
|   | 7IN 7 inches | DC Downlight Cone   | BWH <sup>4</sup> Black trim, white shroud |
|   |              |                     | HZWH Haze trim, white shroud              |
|   |              |                     | WHZWH Wheat Haze trim, white shroud       |



**BAFFLE SHROUD**



**CONE SHROUD**

Note:

- Emergency battery available with 11IN and 13IN only.
- Emergency battery is only available with MVOLT ZT.
- Emergency battery option not available in California due to Title 20 restrictions.
- BWH only available with downlight baffle.

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### PHOTOMETRICS

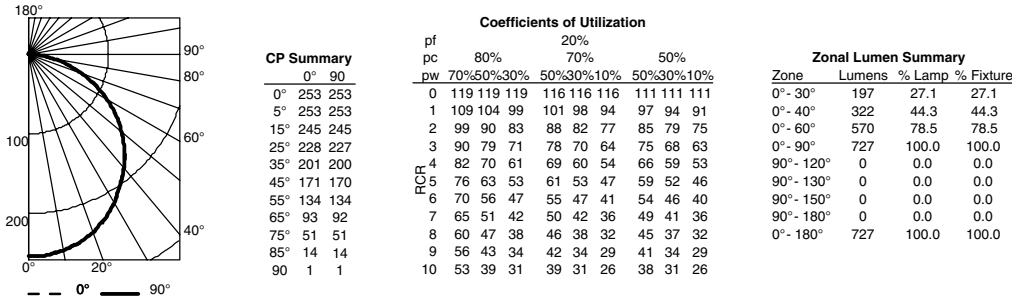
**Distribution Curve**

**Distribution Data**

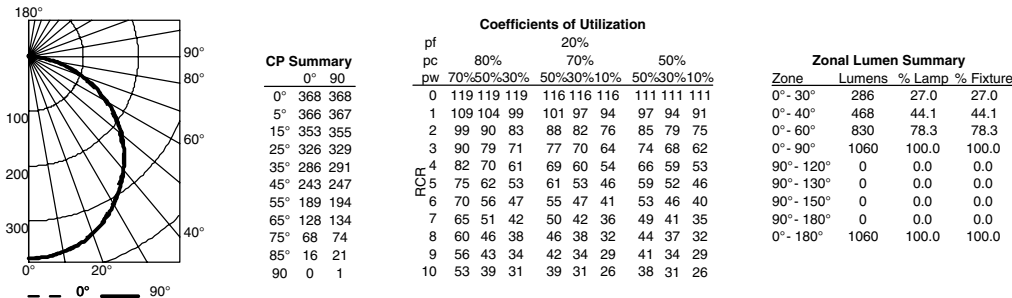
**Coefficient of Utilization**

**Illuminance Data at 30" Above Floor for a Single Luminaire**

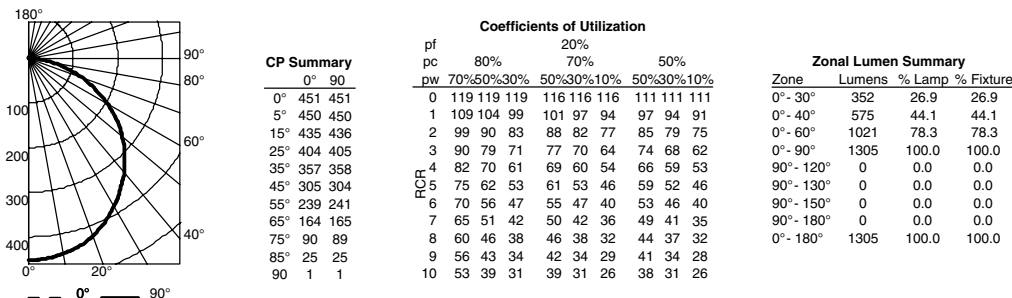
**JSF 51N 27K**, 2700K LEDs, input watts: 9.72, delivered lumens: 727, LM/W = 74.8, test no. ISF 33599, tested in accordance to IESNA LM-79.



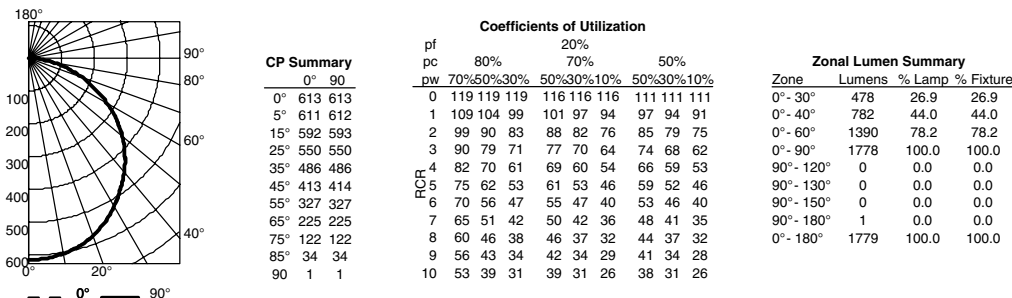
**JSF 71N 27K**, 2700K LEDs, input watts: 12.8, delivered lumens: 1060, LM/W = 82.8, test no. ISF 33600, tested in accordance to IESNA LM-79.



**JSF 111N 27K**, 2700K LEDs, input watts: 15.2, delivered lumens: 1305, LM/W = 85.9, test no. ISF 33661, tested in accordance to IESNA LM-79.



**JSF 131N 27K**, 2700K LEDs, input watts: 20.2, delivered lumens: 1779, LM/W = 88, test no. ISF 33663, tested in accordance to IESNA LM-79.



For 30K fixtures, use 1.02 multiplier; For 35K fixtures, use 1.03 multiplier, For 40K fixtures, use 1.07 multiplier.