



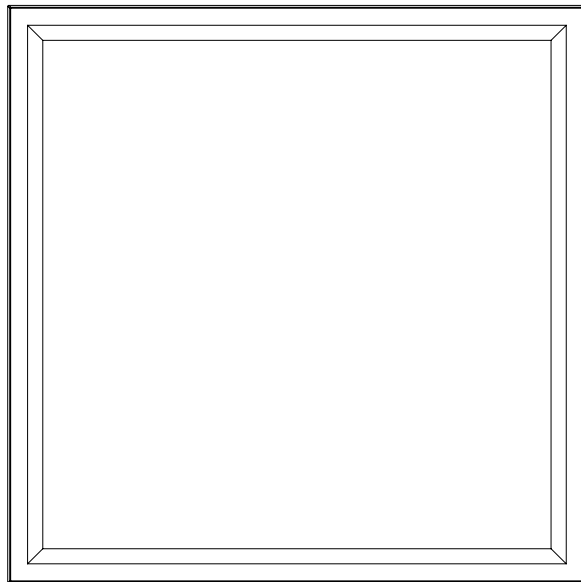
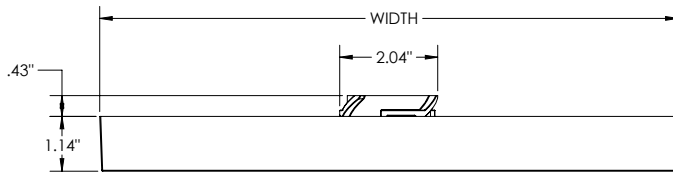
Juno SlimForm™ LED with Selectable CCT

12" and 14" Square Downlight for JBox Installation

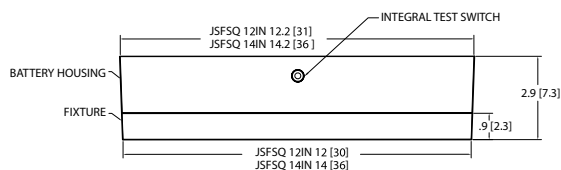
JSFSQ Series



Dimensions



EMERGENCY BATTERY FOR 12" AND 14"



Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 12" and 14" sizes. 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 with Emergency Option and much more.

With the newly added selectable CCT switch, the JSF gives the ultimate in flexibility for both the distributor as well as the end user.

Applications

- Suitable for wet locations (indoor/outdoor covered ceilings): perfect for closets, showers, bathrooms, outdoor soffits, and covered ceiling applications.
- Residential and Light Commercial applications including multi-family and hospitality
- Ideal for use in corridors, foyers, living spaces, closets, hallways, pantries, stairways and much more
- Installs directly into industry standard junction boxes
- Suitable for use within closet storage spaces when installed per NEC requirements. *Junction box sizes vary - Verify compatibility with fixture prior to installation*

Performance

| | |
|-----------------------|---|
| Delivered Lumens | JSFSQ 12IN = 1472L - 1633L JSFSQ 14IN = 1877L - 2121L |
| Led Color Temperature | Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K |
| CRI | 90+ |
| Voltage | Dedicated 120V and MVOLT (120V-277V) |
| Dimming | Phase Dimming down to 10%. 0-10V and phase dimming available. |

Specifications

| | Width | Depth |
|------------|---------------|------------|
| JSFSQ 12IN | 11.08 (28.14) | 1.14 (2.9) |
| JSFSQ 14IN | 13.05 (33.15) | 1.14 (2.9) |

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



Juno SlimForm™ LED with Selectable CCT

12" and 14" Square Downlight for JBox Installation



JSFSQ

ORDERING INFORMATION

SlimForm LED Downlight

Example: JSFSQ 12IN 13LM SWW5 90CRI 120 FRPC WH

| Series | Size/Lumens | Color Temperature | CRI | Voltage/Driver | Finish | Emergency Battery¹ |
|---|--|--|----------------------|---|-----------------|---|
| JSFSQ SlimForm Surface Mount Downlight - Square | 12IN 13LM 12", 1472-1633 Lumens | SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) | 90CRI 90+ CRI | 120 FRPC Dedicated 120V, Forward Reverse Phase Dimming | WH White | EM¹ † Battery Back-up Option |
| | 14IN 18LM 14", 1877-2121 Lumens | | | MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming | | |

†: EM Battery Back-up option is not ENERGY STAR® certified

Note:

1 Emergency battery is only available with MVOLT ZT.

PERFORMANCE DATA

| Lumen Package | Lumens | Input Watts | LPW |
|------------------------------|--------|-------------|-------|
| JSFSQ 12IN 13LM SWW5 - 2700K | 1472 | 14.9 | 98.8 |
| JSFSQ 12IN 13LM SWW5 - 3000K | 1560 | 14.7 | 106.1 |
| JSFSQ 12IN 13LM SWW5 - 3500K | 1589 | 14.5 | 109.6 |
| JSFSQ 12IN 13LM SWW5 - 4000K | 1619 | 14.6 | 110.9 |
| JSFSQ 12IN 13LM SWW5 - 5000K | 1633 | 14.9 | 109.6 |
| JSFSQ 14IN 18LM SWW5 - 2700K | 1877 | 20.2 | 92.9 |
| JSFSQ 14IN 18LM SWW5 - 3000K | 1952 | 19.8 | 98.6 |
| JSFSQ 14IN 18LM SWW5 - 3500K | 2027 | 19.6 | 103.4 |
| JSFSQ 14IN 18LM SWW5 - 4000K | 2083 | 19.7 | 105.7 |
| JSFSQ 14IN 18LM SWW5 - 5000K | 2121 | 20 | 106 |

How to Estimate Delivered Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode.

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. **P** = 10W for **EM** option.

LPW = Lumen per watt rating of the luminaire. LPW information available in Performance Data section.



Juno SlimForm™ LED with Selectable CCT

12" and 14" Square Downlight for JBox Installation



Specifications

Construction

Shallow, less than 1.2", solid ring with white finish • Non conductive construction allows for light shower applications

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 • Selectable CCT with steps at 27K, 30K, 35K, 40K, 50K • 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 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 • Universal voltage driver is dimmable with the use of most 0-10V wall box dimmers • For a list of compatible dimmers, see [JUNOSLIMFORM-DIM](#).

Emergency Battery Option

Battery factory assembled to fixture with integral test switch • Drives LEDs for 90 minutes to meet Life Safety Code (NFPA-LSC), National Electrical Code (NEC), and UL requirements • Title 20 certified battery pack • Damp location only with emergency option.

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 IC1JB junction box housing (3 1/2" junction box screw-hole spacing required for installation) • Minimum 1 3/4" depth and 3" minimum diameter of clearance space in junction box required for installation of 12" and 14" fixtures • 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. Junction box sizes vary - Verify compatibility with fixture prior to installation

Life

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

Labels

ENERGY STAR® certified • Certified to the high efficacy requirements of California T24 JA8-2019 • CSA listed for US and Canada • Suitable for wet locations (covered ceilings).

Testing

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

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.



Juno SlimForm™ LED with Selectable CCT

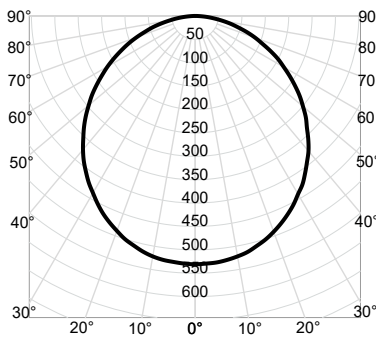
12" and 14" Square Downlight for JBox Installation



JSFSQ

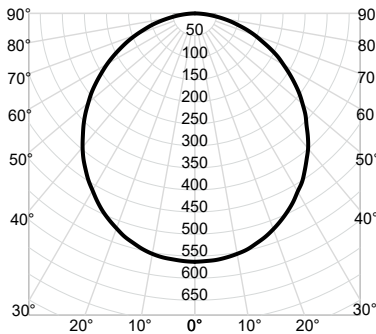
PHOTOMETRICS

JSFSQ 12IN 13LM SWW5 - 2700K Input Watts: 14.9, Delivered Lumens: 1472, LPW: 98.8, S/MH: 1.23, Test No: ISF 232439P1



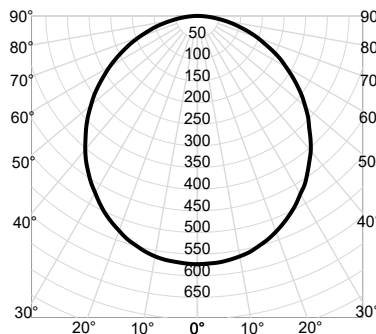
| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------|-----------------|------------------------|---------------------|--|--|
| | | | | | | pf | | | | | | | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | | |
| 0° | | Zone | Lumens | % Fixture | pc | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | Average Luminance | | | |
| 0° | 531 | 0° - 30° | 411 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 14.8 | 16.7 | 0° 7,381 | | | |
| 5° | 529 | 0° - 40° | 668 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 8.3 | 22.2 | 45° 6,644 | | | |
| 15° | 509 | 0° - 60° | 1,165 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 5.3 | 27.8 | 55° 6,325 | | | |
| 25° | 468 | 0° - 90° | 1,471 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 69 | 63 | 12.0 | 3.7 | 33.3 | 65° 5,854 | | | |
| 35° | 410 | 90° - 180° | 1 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 60 | 54 | 14.0 | 2.7 | 38.9 | 75° 5,156 | | | |
| 45° | 338 | 0° - 180° | 1,472 | 100% | 5 | 63 | 54 | 47 | 62 | 54 | 47 | 60 | 52 | 47 | Beam Angle: 108.5° Field Angle: 161.6° | | | | 85° 4,147 | | |
| 55° | 261 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 47 | 41 | | | | | | | |
| 65° | 178 | | | | 7 | 52 | 43 | 37 | 51 | 42 | 37 | 49 | 42 | 36 | | | | | | | |
| 75° | 96 | | | | 8 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 26 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 1 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | | | | | | | |

JSFSQ 12IN 13LM SWW5 - 3000K Input Watts: 14.7, Delivered Lumens: 1560, LPW: 106.1, S/MH: 1.23, Test No: ISF 232439P2



| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------|-----------------|------------------------|---------------------|-------------------|-------|
| | | | | | | pf | | | | | | | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | Average Luminance | |
| 0° | | Zone | Lumens | % Fixture | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | | | |
| 0° | 563 | 0° - 30° | 435 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 15.6 | 16.7 | 0° | 7,824 | | |
| 5° | 561 | 0° - 40° | 708 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 8.8 | 22.2 | 45° | 7,043 | | |
| 15° | 540 | 0° - 60° | 1,235 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 5.6 | 27.8 | 55° | 6,704 | | |
| 25° | 496 | 0° - 90° | 1,559 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 69 | 63 | 12.0 | 3.9 | 33.3 | 65° | 6,206 | | |
| 35° | 435 | 90° - 180° | 1 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 60 | 54 | 14.0 | 2.9 | 38.9 | 75° | 5,465 | | |
| 45° | 358 | 0° - 180° | 1,560 | 100% | 5 | 63 | 54 | 47 | 62 | 54 | 47 | 60 | 52 | 47 | Beam Angle: 108.5° Field Angle: 161.6° | | | | | 85° | 4,395 |
| 55° | 277 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 47 | 41 | | | | | | | |
| 65° | 189 | | | | 7 | 52 | 43 | 37 | 51 | 42 | 37 | 49 | 42 | 36 | | | | | | | |
| 75° | 102 | | | | 8 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 28 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 1 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | | | | | | | |

JSFSQ 12IN 13LM SWW5 - 3500K Input Watts: 14.5, Delivered Lumens: 1589, LPW: 109.6, S/MH: 1.23, Test No: ISF 232439P3



| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | | |
|------------|-----|---------------------|--------|-----------|--|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|-----------------|------------------------|---------------------|-------------------|-----|-------|
| | | | | | | pf | | | | | | | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | Average Luminance | | |
| | | | | | | pc | 80% | | 20% | | | 50% | | | | | | | | | | |
| 0° | | Zone | Lumens | % Fixture | | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | | | |
| 0° | 573 | 0° - 30° | 444 | 28% | | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 15.9 | 16.7 | 0° | 7,971 | | |
| 5° | 571 | 0° - 40° | 722 | 45% | | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 9.0 | 22.2 | 45° | 7,176 | | |
| 15° | 550 | 0° - 60° | 1,258 | 79% | | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 5.7 | 27.8 | 55° | 6,831 | | |
| 25° | 505 | 0° - 90° | 1,589 | 100% | | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 69 | 63 | 12.0 | 4.0 | 33.3 | 65° | 6,323 | | |
| 35° | 443 | 90° - 180° | 1 | 0% | | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 60 | 54 | 14.0 | 2.9 | 38.9 | 75° | 5,568 | | |
| 45° | 365 | 0° - 180° | 1,589 | 100% | | 5 | 63 | 54 | 47 | 62 | 54 | 47 | 60 | 52 | 47 | Beam Angle: 108.5° Field Angle: 161.6° | | | | | 85° | 4,478 |
| 55° | 282 | | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 47 | 41 | | | | | | | |
| 65° | 192 | | | | | 7 | 52 | 43 | 37 | 51 | 42 | 37 | 49 | 42 | 36 | | | | | | | |
| 75° | 104 | | | | | 8 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 28 | | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 1 | | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | | | | | | | |



Juno SlimForm™ LED with Selectable CCT

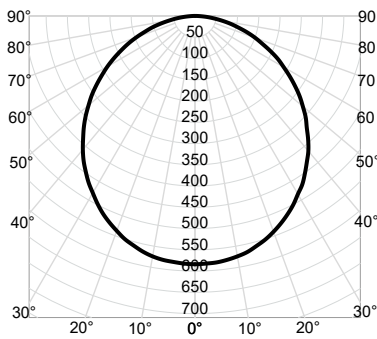
12" and 14" Square Downlight for JBox Installation



JSFSQ

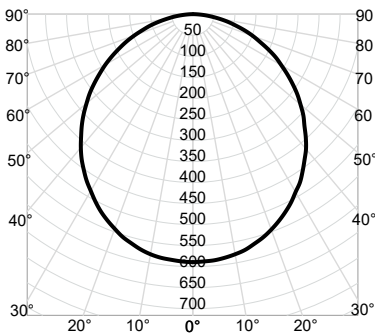
PHOTOMETRICS

JSFSQ 12IN 13LM SWW5 - 4000K Input Watts: 14.6, Delivered Lumens: 1619, LPW: 110.9, S/MH: 1.23, Test No: ISF 232439P4



| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------|-----------------|------------------------|---------------------|--|--|
| | | | | | | pf | | | | | | | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | | |
| 0° | | Zone | Lumens | % Fixture | pc | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | Average Luminance | | | |
| 0° | 584 | 0° - 30° | 452 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 16.2 | 16.7 | 0° | 8,119 | | |
| 5° | 582 | 0° - 40° | 735 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 9.1 | 22.2 | 45° | 7,309 | | |
| 15° | 560 | 0° - 60° | 1,282 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 5.8 | 27.8 | 55° | 6,957 | | |
| 25° | 515 | 0° - 90° | 1,618 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 69 | 63 | 12.0 | 4.1 | 33.3 | 65° | 6,440 | | |
| 35° | 451 | 90° - 180° | 1 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 60 | 54 | 14.0 | 3.0 | 38.9 | 75° | 5,671 | | |
| 45° | 372 | 0° - 180° | 1,619 | 100% | 5 | 63 | 54 | 47 | 62 | 54 | 47 | 60 | 52 | 47 | Beam Angle: 108.5° Field Angle: 161.6° | | | 85° | 4,561 | | |
| 55° | 287 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 47 | 41 | | | | | | | |
| 65° | 196 | | | | 7 | 52 | 43 | 37 | 51 | 42 | 37 | 49 | 42 | 36 | | | | | | | |
| 75° | 106 | | | | 8 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 29 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 1 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | | | | | | | |

JSFSQ 12IN 13LM SWW5 - 5000K Input Watts: 14.9, Delivered Lumens: 1633, LPW: 109.6, S/MH: 1.23, Test No: ISF 232439P5



| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|------|------|-------------------|-----------------|------------------------|---------------------|--|--|
| | | | | | | pf | | | | | | | | | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | | |
| 0° | | Zone | Lumens | % Fixture | pc | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | Average Luminance | | | | | |
| 0° | 589 | 0° - 30° | 456 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 16.4 | 16.7 | 0° | 8,193 | | | | |
| 5° | 587 | 0° - 40° | 742 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 9.2 | 22.2 | 45° | 7,375 | | | | |
| 15° | 565 | 0° - 60° | 1,293 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 5.9 | 27.8 | 55° | 7,021 | | | | |
| 25° | 519 | 0° - 90° | 1,633 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 69 | 63 | 12.0 | 4.1 | 33.3 | 65° | 6,498 | | | | |
| 35° | 455 | 90° - 180° | 1 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 60 | 54 | 14.0 | 3.0 | 38.9 | 75° | 5,723 | | | | |
| 45° | 375 | 0° - 180° | 1,633 | 100% | 5 | 63 | 54 | 47 | 62 | 54 | 47 | 60 | 52 | 47 | Beam Angle: 108.5° Field Angle: 161.6° | | | 85° | 4,603 | | | | |
| 55° | 290 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 47 | 41 | | | | | | | | | |
| 65° | 198 | | | | 7 | 52 | 43 | 37 | 51 | 42 | 37 | 49 | 42 | 36 | | | | | | | | | |
| 75° | 107 | | | | 8 | 47 | 39 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | | | |
| 85° | 29 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | | | |
| 90° | 1 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 27 | | | | | | | | | |



Juno SlimForm™ LED with Selectable CCT

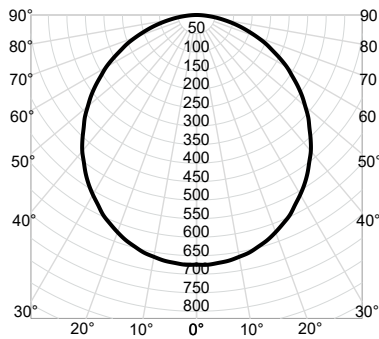
12" and 14" Square Downlight for JBox Installation



JSFSQ

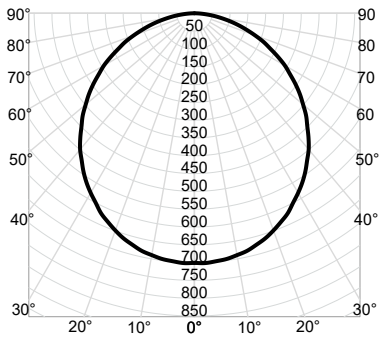
PHOTOMETRICS

JSFSQ 14IN 18LM SWW5 - 2700K Input Watts: 20.2, Delivered Lumens: 1877, LPW: 92.9, S/MH: 1.23, Test No: ISF 232470P1



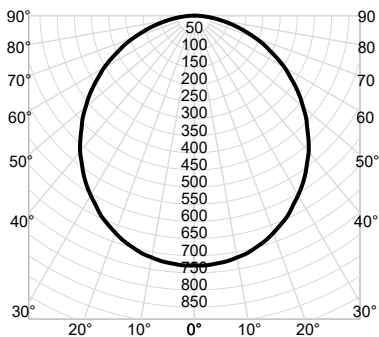
| CP Summary | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | |
|---------------|---------------------|------------|--------|-----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|--------------------|---------------------------------|---|----------------------|------|------------------------|-------|
| | 0° | Zone | Lumens | % Fixture | pf | | 80% | | 20% | | 50% | | Mounting Height | Initial FC Center Beam | Beam Diameter | Average Luminance | | | |
| | | | | | pc | | | | | | | | | | | | | | |
| | | | | | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | | | | | 10% | | |
| 0° | 674 | 0° - 30° | 522 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 18.7 | 16.9 | 0° | 6,580 |
| 5° | 672 | 0° - 40° | 849 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 10.5 | 22.5 | 45° | 5,951 |
| 15° | 647 | 0° - 60° | 1,484 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 6.7 | 28.1 | 55° | 5,668 |
| 25° | 596 | 0° - 90° | 1,877 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 68 | 63 | 12.0 | 4.7 | 33.7 | 65° | 5,221 |
| 35° | 522 | 90° - 180° | 0 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 59 | 54 | 14.0 | 3.4 | 39.4 | 75° | 4,602 |
| 45° | 431 | 0° - 180° | 1,877 | 100% | 5 | 63 | 54 | 47 | 62 | 53 | 47 | 60 | 52 | 47 | Beam Angle: 109.1° Field Angle: 161.3° | | | 85° | 3,473 |
| 55° | 333 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 46 | 41 | | | | | |
| 65° | 226 | | | | 7 | 51 | 43 | 37 | 51 | 42 | 36 | 49 | 42 | 36 | | | | | |
| 75° | 122 | | | | 8 | 47 | 38 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | |
| 85° | 31 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | |
| 90° | 0 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | | | | | |

JSFSQ 14IN 18LM SWW5 - 3000K Input Watts: 19.8, Delivered Lumens: 1952, LPW: 98.6, S/MH: 1.23, Test No: ISF 232470P2



| CP Summary | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | | |
|---------------|---------------------|------------|--------|-----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|--------------------|---------------------------------|------------------------|----------------------|--|--|
| | 0° | Zone | Lumens | % Fixture | pf | 80% | | | | | 20% | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | Average Luminance | | |
| | | | | | pc | | | | | | | | | | | | | | | | |
| | | | | | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | | | |
| 0° | 701 | 0° - 30° | 542 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 19.5 | 16.9 | 0° | 6,844 | | |
| 5° | 699 | 0° - 40° | 883 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 11.0 | 22.5 | 45° | 6,189 | | |
| 15° | 673 | 0° - 60° | 1,543 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 7.0 | 28.1 | 55° | 5,895 | | |
| 25° | 620 | 0° - 90° | 1,952 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 68 | 63 | 12.0 | 4.9 | 33.7 | 65° | 5,430 | | |
| 35° | 543 | 90° - 180° | 0 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 59 | 54 | 14.0 | 3.6 | 39.4 | 75° | 4,786 | | |
| 45° | 448 | 0° - 180° | 1,952 | 100% | 5 | 63 | 54 | 47 | 62 | 53 | 47 | 60 | 52 | 47 | Beam Angle: 109.1° Field Angle: 161.3° | | | 85° | 3,612 | | |
| 55° | 346 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 46 | 41 | | | | | | | |
| 65° | 235 | | | | 7 | 51 | 43 | 37 | 51 | 42 | 36 | 49 | 42 | 36 | | | | | | | |
| 75° | 127 | | | | 8 | 47 | 38 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 32 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 0 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | | | | | | | |

JSFSQ 14IN 18LM SWW5 - 3500K Input Watts: 19.6, Delivered Lumens: 2027, LPW: 103.4, S/MH: 1.23, Test No: ISF 232470P3



| CP Summary | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | |
|---------------|---------------------|------------|--------|-----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------------------------|------------------|------------------------|----------------------|
| | | | | | pf | | 80% | | 20% | | 50% | | 70% | | Mounting Height | Initial FC Center Beam | Beam Diameter | | |
| | 0° | Zone | Lumens | % Fixture | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | |
| | | | | | | | | | | | | | | | | | | | Average Luminance |
| 0° | 728 | 0° - 30° | 563 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 20.2 | 16.9 | 0° | 7,107 |
| 5° | 726 | 0° - 40° | 917 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 11.4 | 22.5 | 45° | 6,427 |
| 15° | 699 | 0° - 60° | 1,602 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 7.3 | 28.1 | 55° | 6,122 |
| 25° | 644 | 0° - 90° | 2,027 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 68 | 63 | 12.0 | 5.1 | 33.7 | 65° | 5,639 |
| 35° | 564 | 90° - 180° | 0 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 59 | 54 | 14.0 | 3.7 | 39.4 | 75° | 4,970 |
| 45° | 465 | 0° - 180° | 2,027 | 100% | 5 | 63 | 54 | 47 | 62 | 53 | 47 | 60 | 52 | 47 | Beam Angle: 109.1° Field Angle: 161.3° | | | 85° | 3,750 |
| 55° | 360 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 46 | 41 | | | | | |
| 65° | 244 | | | | 7 | 51 | 43 | 37 | 51 | 42 | 36 | 49 | 42 | 36 | | | | | |
| 75° | 132 | | | | 8 | 47 | 38 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | |
| 85° | 33 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | |
| 90° | 0 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | | | | | |



Juno SlimForm™ LED with Selectable CCT

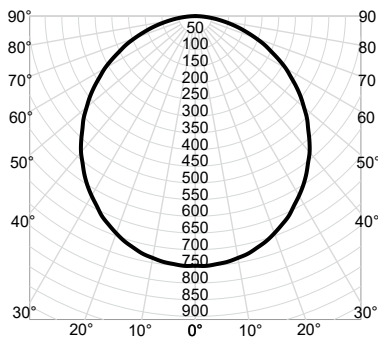
12" and 14" Square Downlight for JBox Installation



JSFSQ

PHOTOMETRICS

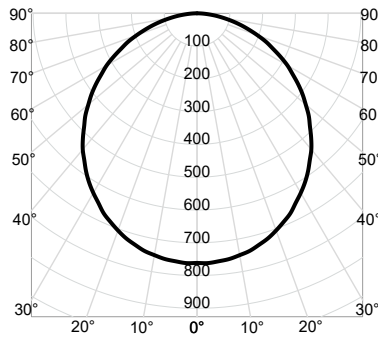
JSFSQ 14IN 18LM SWW5 - 4000K Input Watts: 19.7, Delivered Lumens: 2083, LPW: 105.7, S/MH: 1.23, Test No: ISF 232470P4



| CP Summary | | Zonal Lumen Summary | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|------------------------|---------------|---------------------|-------|-------|
| | | | | | pf | 80% | | | 20% | | | 50% | | | Mounting Height | Initial FC Center Beam | Beam Diameter | Average Luminance | | |
| 0° | | Zone | Lumens | % Fixture | pc | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | | |
| 0° | 748 | 0° - 30° | 579 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 20.8 | 16.9 | 0° | 7,304 | |
| 5° | 746 | 0° - 40° | 943 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 11.7 | 22.5 | 45° | 6,606 | |
| 15° | 718 | 0° - 60° | 1,647 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 7.5 | 28.1 | 55° | 6,292 | |
| 25° | 662 | 0° - 90° | 2,083 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 68 | 63 | 12.0 | 5.2 | 33.7 | 65° | 5,795 | |
| 35° | 579 | 90° - 180° | 0 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 59 | 54 | 14.0 | 3.8 | 39.4 | 75° | 5,108 | |
| 45° | 478 | 0° - 180° | 2,083 | 100% | 5 | 63 | 54 | 47 | 62 | 53 | 47 | 60 | 52 | 47 | Beam Angle: 109.1° Field Angle: 161.3° | | | | 85° | 3,855 |
| 55° | 370 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 46 | 41 | | | | | | |
| 65° | 251 | | | | 7 | 51 | 43 | 37 | 51 | 42 | 36 | 49 | 42 | 36 | | | | | | |
| 75° | 135 | | | | 8 | 47 | 38 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | |
| 85° | 34 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | |
| 90° | 0 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | | | | | | |

Beam Angle: 109.1°
Field Angle: 161.3°

JSFSQ 14IN 18LM SWW5 - 5000K Input Watts: 20.0, Delivered Lumens: 2121, LPW: 106.0, S/MH: 1.23, Test No: ISF 232470P5



| CP Summary | | Zonal Lumen Summary | | | | Coefficients of Utilization | | | | | | | | | | Cone of Light | | | Luminance (cd/sq.m) | | |
|------------|-----|---------------------|--------|-----------|----|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|---|---------------|-----------------|------------------------|---------------------|--|--|
| | | | | | | pf | 20% | | | | | 50% | | | | | Mounting Height | Initial FC Center Beam | Beam Diameter | | |
| | | | | | | pc | 80% | | 70% | | | 50% | | | Average Luminance | | | | | | |
| 0° | | Zone | Lumens | % Fixture | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | | | | | | | |
| 0° | 762 | 0° - 30° | 589 | 28% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 6.0 | 21.2 | 16.9 | 0° | 7,436 | | |
| 5° | 759 | 0° - 40° | 960 | 45% | 1 | 104 | 100 | 96 | 102 | 98 | 94 | 97 | 94 | 91 | 8.0 | 11.9 | 22.5 | 45° | 6,725 | | |
| 15° | 731 | 0° - 60° | 1,677 | 79% | 2 | 91 | 84 | 78 | 89 | 82 | 77 | 85 | 80 | 75 | 10.0 | 7.6 | 28.1 | 55° | 6,405 | | |
| 25° | 673 | 0° - 90° | 2,121 | 100% | 3 | 80 | 71 | 65 | 78 | 70 | 64 | 75 | 68 | 63 | 12.0 | 5.3 | 33.7 | 65° | 5,900 | | |
| 35° | 590 | 90° - 180° | 0 | 0% | 4 | 71 | 62 | 55 | 69 | 61 | 55 | 67 | 59 | 54 | 14.0 | 3.9 | 39.4 | 75° | 5,200 | | |
| 45° | 487 | 0° - 180° | 2,121 | 100% | 5 | 63 | 54 | 47 | 62 | 53 | 47 | 60 | 52 | 47 | Beam Angle: 109.1° Field Angle: 161.3° | | | 85° | 3,924 | | |
| 55° | 376 | | | | 6 | 57 | 48 | 41 | 56 | 47 | 41 | 54 | 46 | 41 | | | | | | | |
| 65° | 255 | | | | 7 | 51 | 43 | 37 | 51 | 42 | 36 | 49 | 42 | 36 | | | | | | | |
| 75° | 138 | | | | 8 | 47 | 38 | 33 | 46 | 38 | 33 | 45 | 38 | 32 | | | | | | | |
| 85° | 35 | | | | 9 | 43 | 35 | 29 | 43 | 35 | 29 | 41 | 34 | 29 | | | | | | | |
| 90° | 0 | | | | 10 | 40 | 32 | 27 | 39 | 32 | 27 | 38 | 31 | 26 | | | | | | | |

Beam Angle: 109.1°
Field Angle: 161.3°