



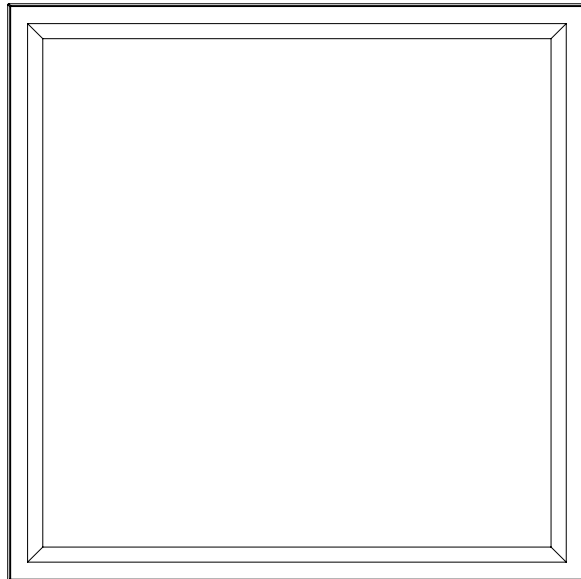
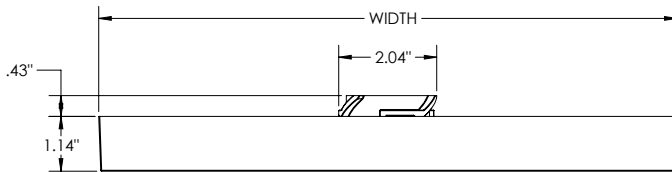
# Juno SlimForm™ LED with Selectable CCT

12" and 14" Square Downlight for JBox Installation

## JSFSQ Series



### Dimensions



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 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 = 1300L JSFSQ 14IN = 1800L
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).



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**JSFSQ**

## ORDERING INFORMATION

### SlimForm LED Downlight

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

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish
<b>JSFSQ</b> SlimForm Surface Mount Downlight - Square	<b>12IN 13LM</b> 12", 1300 Lumens <b>14IN 18LM</b> 14", 1800 Lumens	<b>SWW5</b> Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	<b>90CRI</b> 90+ CRI	<b>120 FRPC</b> Dedicated 120V, Forward Reverse Phase Dimming  <b>MVOLT ZT</b> Universal Voltage 120V-277V, 0-10V Dimming	<b>WH</b> White



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## 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](#).

### 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](http://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.



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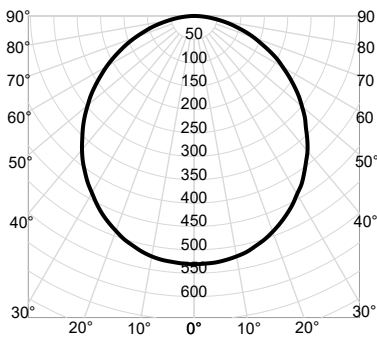
12" and 14" Square Downlight for JBox Installation



JSFSQ

## PHOTOMETRICS

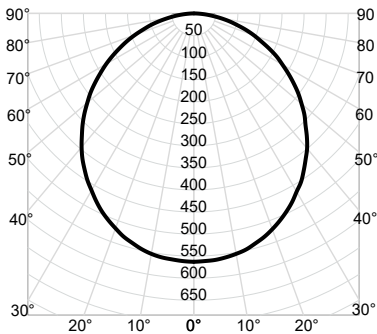
JSFSQ 12IN 13LM SWW5 - 2700K Input Watts: 14.9, Delivered Lumens: 1472, LPW: 98.8, S/MH: 1.23, Test No: ISF 232439P1



CP Summary		Zonal Lumen Summary		Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)		
0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	0° - 30°	411	28%	0	119	119	119	116	116	116	111	111	111	6.0	14.8	16.7	0°	7,381
5°	0° - 40°	668	45%	1	104	100	96	102	98	94	97	94	91	8.0	8.3	22.2	45°	6,644
15°	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°	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°	90° - 180°	1	0%	4	71	62	55	69	61	55	67	60	54	14.0	2.7	38.9	75°	5,156
45°	0° - 180°	1,472	100%	5	63	54	47	62	54	47	60	52	47				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					

Beam Angle: 108.5°  
Field Angle: 161.6°

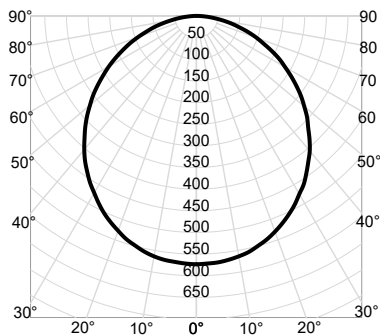
JSFSQ 12IN 13LM SWW5 - 3000K Input Watts: 14.7, Delivered Lumens: 1560, LPW: 106.1, S/MH: 1.23, Test No: ISF 232439P2



CP Summary		Zonal Lumen Summary		Coefficients of Utilization									Cone of Light			Luminance (cd/sq.m)		
0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	0° - 30°	435	28%	0	119	119	119	116	116	116	111	111	111	6.0	15.6	16.7	0°	7,824
5°	0° - 40°	708	45%	1	104	100	96	102	98	94	97	94	91	8.0	8.8	22.2	45°	7,043
15°	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°	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°	90° - 180°	1	0%	4	71	62	55	69	61	55	67	60	54	14.0	2.9	38.9	75°	5,465
45°	0° - 180°	1,560	100%	5	63	54	47	62	54	47	60	52	47				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					

Beam Angle: 108.5°  
Field Angle: 161.6°

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)		
0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	0° - 30°	444	28%	0	119	119	119	116	116	116	111	111	111	6.0	15.9	16.7	0°	7,971
5°	0° - 40°	722	45%	1	104	100	96	102	98	94	97	94	91	8.0	9.0	22.2	45°	7,176
15°	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°	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°	90° - 180°	1	0%	4	71	62	55	69	61	55	67	60	54	14.0	2.9	38.9	75°	5,568
45°	0° - 180°	1,589	100%	5	63	54	47	62	54	47	60	52	47				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					

Beam Angle: 108.5°  
Field Angle: 161.6°



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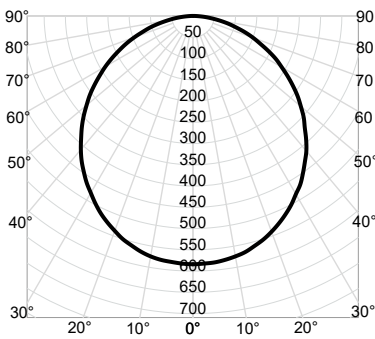
12" and 14" Square Downlight for JBox Installation



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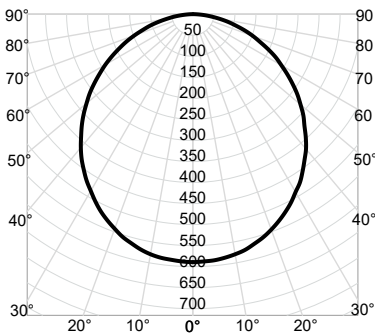
## PHOTOMETRICS

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)	
					20%					50%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
	0°	Zone	Lumens	% Fixture	pf	pc	80%	10%	30%	50%	70%	10%	30%	50%					
0°	0° - 30°	452	28%	0	119	119	119	116	116	116	111	111	111	6.0	16.2	16.7	0°	8,119	
5°	0° - 40°	735	45%	1	104	100	96	102	98	94	97	94	91	8.0	9.1	22.2	45°	7,309	
15°	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°	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°	90° - 180°	1	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.0	38.9	75°	5,671	
45°	0° - 180°	1,619	100%	5	63	54	47	62	54	47	60	52	47	Beam Angle: 108.5°					
55°	372			6	57	48	41	56	47	41	54	47	41	Field Angle: 161.6°					
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)	
					20%					50%					Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
	0°	Zone	Lumens	% Fixture	pf	pc	80%	10%	30%	50%	70%	10%	30%	50%					
0°	0° - 30°	456	28%	0	119	119	119	116	116	116	111	111	111	6.0	16.4	16.7	0°	8,193	
5°	0° - 40°	742	45%	1	104	100	96	102	98	94	97	94	91	8.0	9.2	22.2	45°	7,375	
15°	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°	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°	90° - 180°	1	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.0	38.9	75°	5,723	
45°	0° - 180°	1,633	100%	5	63	54	47	62	54	47	60	52	47	Beam Angle: 108.5°					
55°	290			6	57	48	41	56	47	41	54	47	41	Field Angle: 161.6°					
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						



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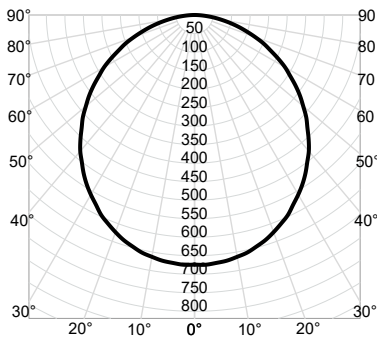
12" and 14" Square Downlight for JBox Installation



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## PHOTOMETRICS

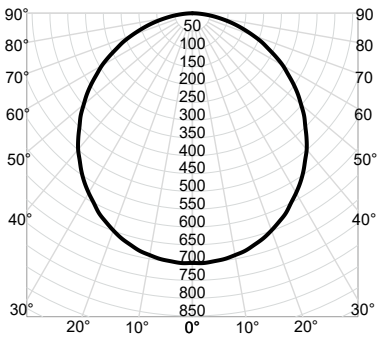
JSFSQ 14IN 18LM SWW5 - 2700K Input Watts: 20.2, Delivered Lumens: 1877, LPW: 92.9, S/MH: 1.23, Test No: ISF 232470P1



CP Summary	Zonal Lumen Summary			Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens % Fixture	pw	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					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				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				

Beam Angle: 109.1°  
Field Angle: 161.3°

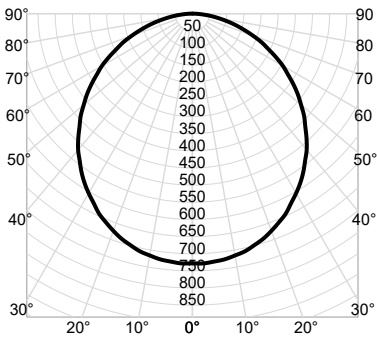
JSFSQ 14IN 18LM SWW5 - 3000K Input Watts: 19.8, Delivered Lumens: 1952, LPW: 98.6, S/MH: 1.23, Test No: ISF 232470P2



CP Summary	Zonal Lumen Summary			Coefficients of Utilization								Cone of Light			Luminance (cd/sq.m)		
	0°	Zone	Lumens % Fixture	pw	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					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				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				

Beam Angle: 109.1°  
Field Angle: 161.3°

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)		
	0°	Zone	Lumens % Fixture	pw	80%		20%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
					50%	30%	10%	50%	30%	10%	50%	30%					10%
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				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				

Beam Angle: 109.1°  
Field Angle: 161.3°



# Juno SlimForm™ LED with Selectable CCT

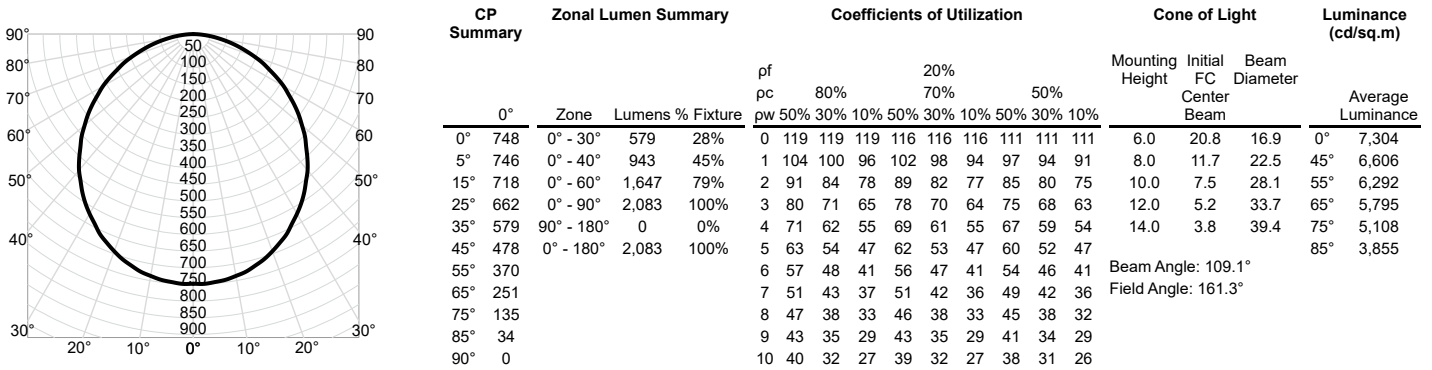
12" and 14" Square Downlight for JBox Installation



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



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

