



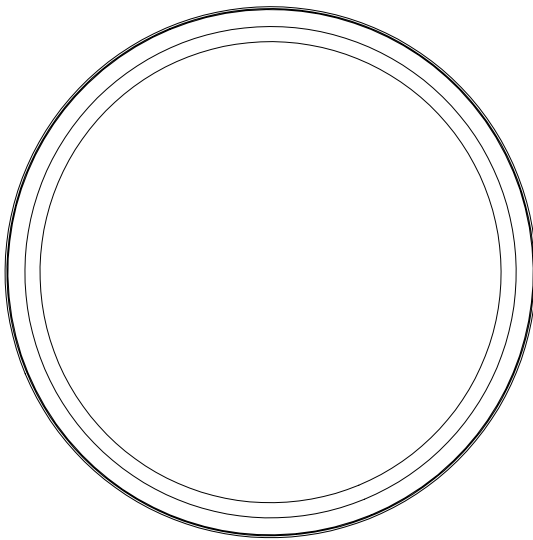
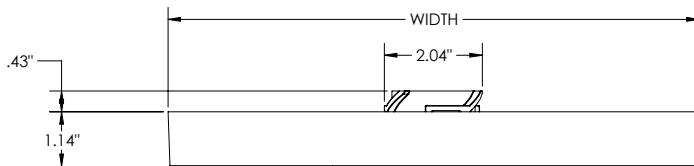
Juno SlimForm™ LED with Selectable CCT

11" and 13" Round Downlight for JBox Installation

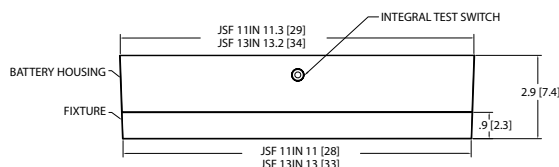
JSF Series



Dimensions



EMERGENCY BATTERY FOR 11" AND 13"



Project:

Fixture Type:

Location:

Contact/Phone:

Product Features

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 11" and 13" 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	JSF 11IN = 1393L - 1560L JSF 13IN = 1884L - 2110L
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
JSF 11IN	11.08 (28.14)	1.14 (2.9)
JSF 13IN	13.05 (33.15)	1.14 (2.9)

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



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ORDERING INFORMATION

SlimForm LED Downlight

Example: JSF 11IN 13LM SWW5 90CRI 120FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish	Emergency Battery¹
JSF SlimForm Surface Mount Downlight - Round	11IN 13LM 11", 1393-1560 Lumens 13IN 18LM 13", 1884-2110 Lumens	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	120 FRPC Dedicated 120V, Forward Reverse Phase Dimming MVOLT ZT Universal Voltage 120V-277V, 0-10V Dimming	WH White	EM † Battery Back-up Option EBX Empty Back Box for Aesthetics

†: 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
JSF 11IN 13LM SWW5 - 2700K	1393	14.6	95.4
JSF 11IN 13LM SWW5 - 3000K	1435	14.5	99
JSF 11IN 13LM SWW5 - 3500K	1532	14.3	107.1
JSF 11IN 13LM SWW5 - 4000K	1532	14.4	106.4
JSF 11IN 13LM SWW5 - 5000K	1560	14.6	106.8
JSF 13IN 18LM SWW5 - 2700K	1884	19.9	94.7
JSF 13IN 18LM SWW5 - 3000K	1941	19.8	98
JSF 13IN 18LM SWW5 - 3500K	2035	19.5	104.4
JSF 13IN 18LM SWW5 - 4000K	2091	19.6	106.7
JSF 13IN 18LM SWW5 - 5000K	2110	19.9	106

How to Estimate Delivered Lumens in Emergency Mode

Use the formula below to estimate the delivered lumens in emergency mode.
Delivered Lumens = 1.25 x P x 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.



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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](#).

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 • EBX option provides back box without battery for consistent look when used in same space as fixtures with EM emergency option • 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 11" and 13" 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.



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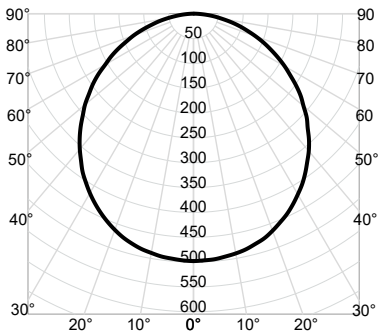
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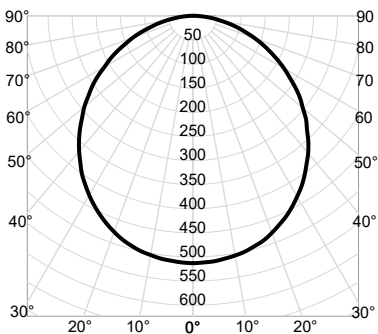
PHOTOMETRICS

JSF 11IN 13LM SSW5 - 2700K Input Watts: 14.6, Delivered Lumens: 1393, LPW: 95.4, S/MH: 1.25, Test No: ISF 232429P1



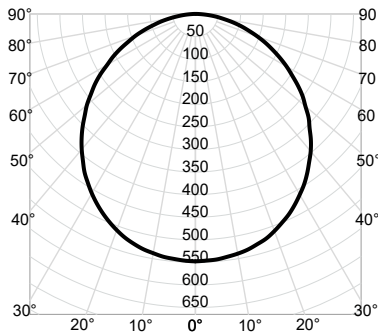
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	80%			20%			50%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	498	0° - 30°	387	28%	0	119	119	119	116	116	116	111	111	111	6.0	13.8	17.2	0°	10,664	
5°	496	0° - 40°	631	45%	1	104	100	96	102	98	94	97	94	91	8.0	7.8	22.9	45°	9,842	
15°	480	0° - 60°	1,101	79%	2	91	84	78	89	82	77	85	80	75	10.0	5.0	28.6	55°	9,408	
25°	445	0° - 90°	1,393	100%	3	80	71	65	78	70	64	75	68	63	12.0	3.5	34.3	65°	8,715	
35°	392	90° - 180°	0	0%	4	70	62	55	69	61	55	67	59	54	14.0	2.5	40.1	75°	7,860	
45°	325	0° - 180°	1,393	100%	5	63	54	47	62	53	47	60	52	47	Beam Angle: 110.1° Field Angle: 162.4°			85°	6,388	
55°	252				6	57	48	41	56	47	41	54	46	41						
65°	172				7	51	43	37	51	42	36	49	42	36						
75°	95				8	47	38	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	26						

JSF 11IN 13LM SSW5 - 3000K Input Watts: 14.5, Delivered Lumens: 1435, LPW: 99.0, S/MH: 1.25, Test No: ISF 232429P2



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		
0°		Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance			
0°	513	0° - 30°	399	28%	0	119	119	119	116	116	116	111	111	111	6.0	14.2	17.2	0°	10,984		
5°	511	0° - 40°	650	45%	1	104	100	96	102	98	94	97	94	91	8.0	8.0	22.9	45°	10,138		
15°	494	0° - 60°	1,134	79%	2	91	84	78	89	82	77	85	80	75	10.0	5.1	28.6	55°	9,691		
25°	458	0° - 90°	1,435	100%	3	80	71	65	78	70	64	75	68	63	12.0	3.6	34.3	65°	8,977		
35°	404	90° - 180°	0	0%	4	70	62	55	69	61	55	67	59	54	14.0	2.6	40.1	75°	8,096		
45°	335	0° - 180°	1,435	100%	5	63	54	47	62	53	47	60	52	47	Beam Angle: 110.1° Field Angle: 162.4°			85°	6,580		
55°	260				6	57	48	41	56	47	41	54	46	41							
65°	177				7	51	43	37	51	42	36	49	42	36							
75°	98				8	47	38	33	46	38	33	45	38	32							
85°	27				9	43	35	29	43	35	29	41	34	29							
90°	1				10	40	32	27	39	32	27	38	31	26							

JSF 11IN 13LM SSW5 - 3500K Input Watts: 14.3, Delivered Lumens: 1532, LPW: 107.1, S/MH: 1.25, Test No: ISF 232429P3



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			
0°		Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance				
0°	548	0° - 30°	426	28%	0	119	119	119	116	116	116	111	111	111	6.0	15.2	17.2	0°	11,731			
5°	546	0° - 40°	694	45%	1	104	100	96	102	98	94	97	94	91	8.0	8.6	22.9	45°	10,827			
15°	528	0° - 60°	1,212	79%	2	91	84	78	89	82	77	85	80	75	10.0	5.5	28.6	55°	10,349			
25°	490	0° - 90°	1,532	100%	3	80	71	65	78	70	64	75	68	63	12.0	3.8	34.3	65°	9,587			
35°	431	90° - 180°	0	0%	4	70	62	55	69	61	55	67	59	54	14.0	2.8	40.1	75°	8,646			
45°	358	0° - 180°	1,532	100%	5	63	54	47	62	53	47	60	52	47	Beam Angle: 110.1° Field Angle: 162.4°				85°	7,027		
55°	277				6	57	48	41	56	47	41	54	46	41								
65°	189				7	51	43	37	51	42	36	49	42	36								
75°	105				8	47	38	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	26								



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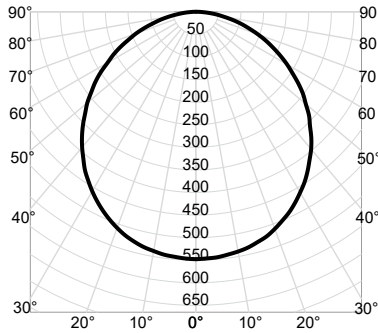
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PHOTOMETRICS

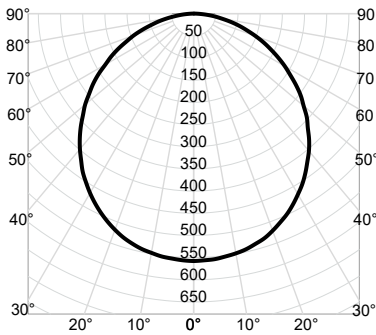
JSF 11IN 13LM SSW5 - 4000K Input Watts: 14.4, Delivered Lumens: 1532, LPW: 106.4, S/MH: 1.25, Test No: ISF 232429P4



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		pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0°	548	0° - 30°	426	28%		0	119	119	119	116	116	116	111	111	111		6.0	15.2	17.2	0° 11,731
5°	546	0° - 40°	694	45%		1	104	100	96	102	98	94	97	94	91		8.0	8.6	22.9	45° 10,827
15°	528	0° - 60°	1,212	79%		2	91	84	78	89	82	77	85	80	75		10.0	5.5	28.6	55° 10,349
25°	490	0° - 90°	1,532	100%		3	80	71	65	78	70	64	75	68	63		12.0	3.8	34.3	65° 9,587
35°	431	90° - 180°	0	0%		4	70	62	55	69	61	55	67	59	54		14.0	2.8	40.1	75° 8,646
45°	358	0° - 180°	1,532	100%		5	63	54	47	62	53	47	60	52	47					85° 7,027
55°	277					6	57	48	41	56	47	41	54	46	41					
65°	189					7	51	43	37	51	42	36	49	42	36					
75°	105					8	47	38	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	26					

Beam Angle: 110.1°
Field Angle: 162.4°

JSF 11IN 13LM SSW5 - 5000K Input Watts: 14.6, Delivered Lumens: 1560, LPW: 106.8, S/MH: 1.25, Test No: ISF 232429P5



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		pc	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%				
0°	558	0° - 30°	433	28%		0	119	119	119	116	116	116	111	111	111		6.0	15.5	17.2	0° 11,944
5°	556	0° - 40°	706	45%		1	104	100	96	102	98	94	97	94	91		8.0	8.7	22.9	45° 11,023
15°	538	0° - 60°	1,234	79%		2	91	84	78	89	82	77	85	80	75		10.0	5.6	28.6	55° 10,537
25°	498	0° - 90°	1,560	100%		3	80	71	65	78	70	64	75	68	63		12.0	3.9	34.3	65° 9,761
35°	439	90° - 180°	0	0%		4	70	62	55	69	61	55	67	59	54		14.0	2.8	40.1	75° 8,803
45°	364	0° - 180°	1,560	100%		5	63	54	47	62	53	47	60	52	47					85° 7,155
55°	282					6	57	48	41	56	47	41	54	46	41					
65°	193					7	51	43	37	51	42	36	49	42	36					
75°	106					8	47	38	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	26					

Beam Angle: 110.1°
Field Angle: 162.4°



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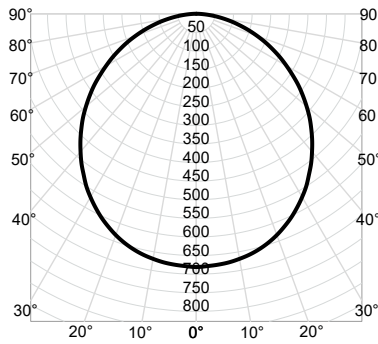
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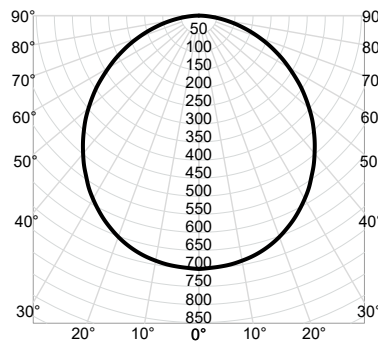
PHOTOMETRICS

JSF 13IN 18LM SWW5 - 2700K Input Watts: 19.9, Delivered Lumens: 1884, LPW: 94.7, S/MH: 1.24, Test No: ISF 232449P1



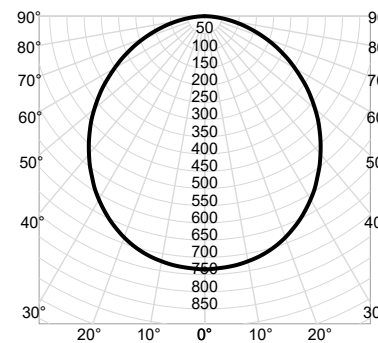
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	80%			20%			50%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
0°	Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	681	0° - 30°	528	28%	0	119	119	119	116	116	116	111	111	111	6.0	18.9	16.8	0°	10,127	
5°	677	0° - 40°	858	46%	1	104	100	96	102	98	94	97	94	91	8.0	10.6	22.4	45°	9,190	
15°	655	0° - 60°	1,494	79%	2	91	84	78	89	83	77	85	80	75	10.0	6.8	28.0	55°	8,685	
25°	604	0° - 90°	1,884	100%	3	80	72	65	78	71	64	75	69	63	12.0	4.7	33.6	65°	7,988	
35°	528	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.5	39.2	75°	7,010	
45°	437	0° - 180°	1,884	100%	5	63	54	48	62	54	47	60	52	47	Beam Angle: 108.9° Field Angle: 161.3°			85°	5,289	
55°	335				6	57	48	42	56	47	41	54	47	41						
65°	227				7	52	43	37	51	42	37	49	42	36						
75°	122				8	47	39	33	46	38	33	45	38	32						
85°	31				9	43	35	30	43	35	29	42	34	29						
90°	0				10	40	32	27	39	32	27	38	31	27						

JSF 13IN 18LM SWW5 - 3000K Input Watts: 19.8, Delivered Lumens: 1941, LPW: 98.0, S/MH: 1.24, Test No: ISF 232449P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf					20%				Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance		
						pc	80%				70%								50%	
	0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	701	0° - 30°	544	28%	0	119	119	119	116	116	116	111	111	111	6.0	19.5	16.8	0°	10,431	
5°	697	0° - 40°	884	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.0	22.4	45°	9,466	
15°	675	0° - 60°	1,538	79%	2	91	84	78	89	83	77	85	80	75	10.0	7.0	28.0	55°	8,946	
25°	622	0° - 90°	1,941	100%	3	80	72	65	78	71	64	75	69	63	12.0	4.9	33.6	65°	8,227	
35°	544	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.6	39.2	75°	7,220	
45°	450	0° - 180°	1,941	100%	5	63	54	48	62	54	47	60	52	47				85°	5,448	
55°	345				6	57	48	42	56	47	41	54	47	41	Beam Angle: 108.9° Field Angle: 161.3°					
65°	234				7	52	43	37	51	42	37	49	42	36						
75°	126				8	47	39	33	46	38	33	45	38	32						
85°	32				9	43	35	30	43	35	29	42	34	29						
90°	0				10	40	32	27	39	32	27	38	31	27						

JSF 13IN 18LM SWW5 - 3500K Input Watts: 19.5, Delivered Lumens: 2035, LPW: 104.4, S/MH: 1.24, Test No: ISF 232449P3



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°	735	0° - 30°	570	28%	0	119	119	119	116	116	116	111	111	111	6.0	20.4	16.8	0°	10,937	
5°	731	0° - 40°	927	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.5	22.4	45°	9,926	
15°	707	0° - 60°	1,613	79%	2	91	84	78	89	83	77	85	80	75	10.0	7.4	28.0	55°	9,380	
25°	652	0° - 90°	2,035	100%	3	80	72	65	78	71	64	75	69	63	12.0	5.1	33.6	65°	8,627	
35°	570	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.8	39.2	75°	7,571	
45°	472	0° - 180°	2,035	100%	5	63	54	48	62	54	47	60	52	47	Beam Angle: 108.9° Field Angle: 161.3°			85°	5,713	
55°	362				6	57	48	42	56	47	41	54	47	41						
65°	245				7	52	43	37	51	42	37	49	42	36						
75°	132				8	47	39	33	46	38	33	45	38	32						
85°	33				9	43	35	30	43	35	29	42	34	29						
90°	0				10	40	32	27	39	32	27	38	31	27						



Juno SlimForm™ LED with Selectable CCT

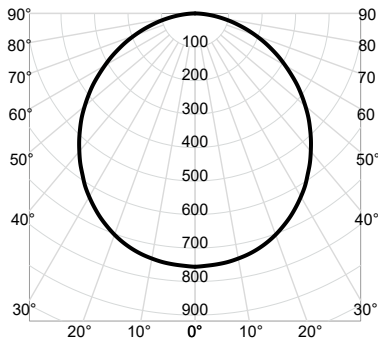
11" and 13" Round Downlight for JBox Installation



JSF

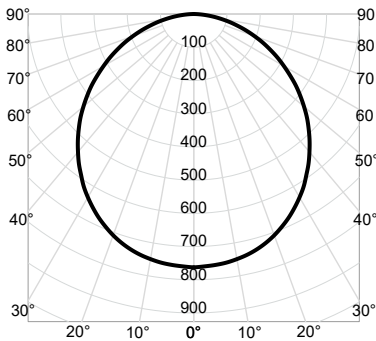
PHOTOMETRICS

JSF 13IN 18LM SWW5 - 4000K Input Watts: 19.6, Delivered Lumens: 2091, LPW: 106.7, S/MH: 1.24, Test No: ISF 232449P4



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf					20%						Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance
						pc	80%		70%		50%									
	0°	Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	756	0° - 30°	586	28%	0	119	119	119	116	116	116	111	111	111	6.0	21.0	16.8	0°	11,241	
5°	751	0° - 40°	952	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.8	22.4	45°	10,201	
15°	727	0° - 60°	1,658	79%	2	91	84	78	89	83	77	85	80	75	10.0	7.6	28.0	55°	9,641	
25°	670	0° - 90°	2,091	100%	3	80	72	65	78	71	64	75	69	63	12.0	5.2	33.6	65°	8,866	
35°	586	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.9	39.2	75°	7,781	
45°	485	0° - 180°	2,091	100%	5	63	54	48	62	54	47	60	52	47	Beam Angle: 108.9° Field Angle: 161.3°				85°	5,871
55°	372				6	57	48	42	56	47	41	54	47	41						
65°	252				7	52	43	37	51	42	37	49	42	36						
75°	135				8	47	39	33	46	38	33	45	38	32						
85°	34				9	43	35	30	43	35	29	42	34	29						
90°	0				10	40	32	27	39	32	27	38	31	27						

JSF 13IN 18LM SWW5 - 5000K Input Watts: 19.9, Delivered Lumens: 2110, LPW: 106.0, S/MH: 1.24, Test No: ISF 232449P5



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	Average Luminance
						pc	50%	30%	10%	50%	30%	10%	50%	30%	10%					
0°		Zone	Lumens	% Fixture	pw	50%	30%	10%	50%	30%	10%	50%	30%	10%						
0°	763	0° - 30°	591	28%	0	119	119	119	116	116	116	111	111	111	6.0	21.2	16.8	0°	11,342	
5°	758	0° - 40°	961	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.9	22.4	45°	10,293	
15°	734	0° - 60°	1,673	79%	2	91	84	78	89	83	77	85	80	75	10.0	7.6	28.0	55°	9,728	
25°	676	0° - 90°	2,110	100%	3	80	72	65	78	71	64	75	69	63	12.0	5.3	33.6	65°	8,946	
35°	591	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.9	39.2	75°	7,851	
45°	489	0° - 180°	2,110	100%	5	63	54	48	62	54	47	60	52	47	Beam Angle: 108.9° Field Angle: 161.3°			85°	5,924	
55°	375				6	57	48	42	56	47	41	54	47	41						
65°	254				7	52	43	37	51	42	37	49	42	36						
75°	137				8	47	39	33	46	38	33	45	38	32						
85°	35				9	43	35	30	43	35	29	42	34	29						
90°	0				10	40	32	27	39	32	27	38	31	27						