



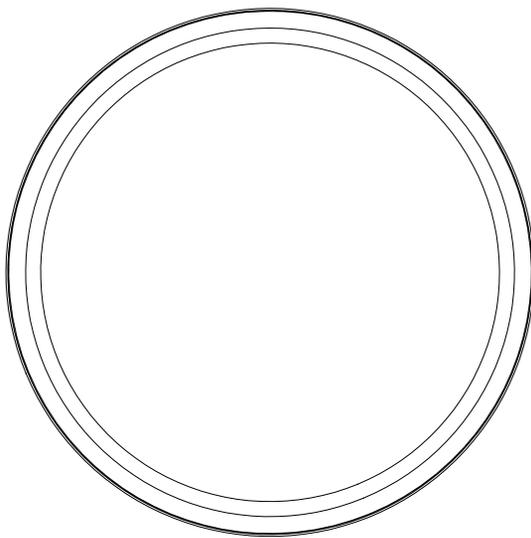
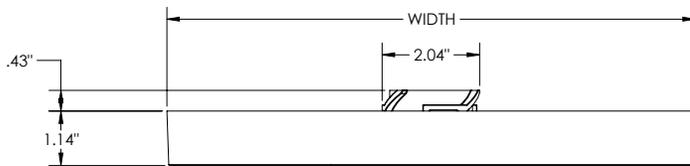
Juno SlimForm™ LED with Selectable CCT

11" and 13" Round Downlight for JBox Installation

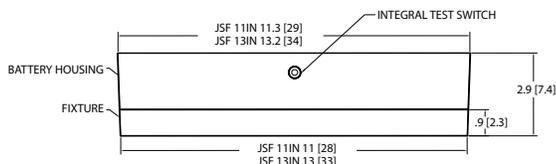
JSF Series



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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11" and 13" Round Downlight for JBox Installation



JSF

ORDERING INFORMATION

SlimForm LED Downlight

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

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish	Emergency Battery ¹
JSF SlimForm Surface Mount Downlight - Round	11IN 13LM 11", 1393-1560 Lumens	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	120 FRPC Dedicated 120V, Forward Reverse Phase Dimming	WH White	EM[†] Battery Back-up Option EBX Empty Back Box for Aesthetics
	13IN 18LM 13", 1884-2110 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
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.

Remote Emergency IOTA Inverters for Field Installation

Inverter Part Number	Description
IIS 25 I	Emergency Inverter, 25W output
IIS 50 I	Emergency Inverter, 50W output
IIS 35 HE	Emergency Inverter, 35W output, High Efficiency (meets CA T20 efficiency requirement)

Must be ordered on a separate line. For Emergency Battery related questions contact us at techsupport@iotaengineering.com



Juno SlimForm™ LED with Selectable CCT

11" and 13" Round Downlight for JBox Installation



JSF

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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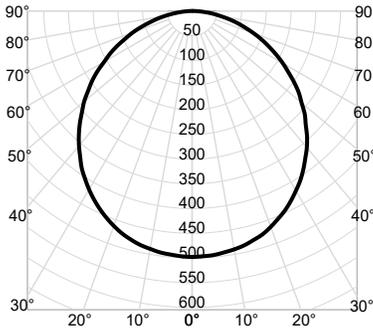
1 1" and 1 3" Round Downlight for JBox Installation



JSF

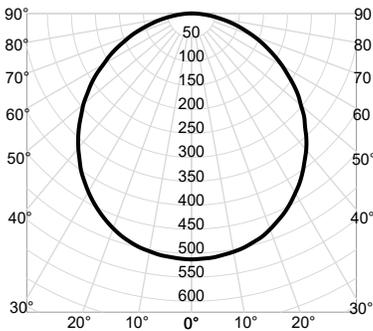
PHOTOMETRICS

JSF 11IN 13LM SWW5 - 2700K Input Watts: 14.6, Delivered Lumens: 1393, LPW: 95.4, S/MH: 1.25, Test No: ISF 232429P1



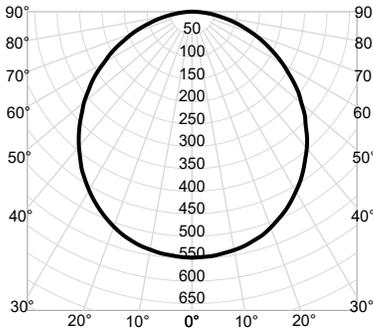
CP Summary	Zonal Lumen Summary				Coefficients of Utilization												Cone of Light			Luminance (cd/sq.m)	
					80%			70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
					pw	50%	30%	10%	50%	30%	10%	50%	30%					10%			
0°	Zone	Lumens	% Fixture	0	119	119	119	116	116	116	111	111	111	6.0	13.8	17.2	0°	10,664			
5°	0° - 30°	387	28%	1	104	100	96	102	98	94	97	94	91	8.0	7.8	22.9	45°	9,842			
15°	0° - 40°	631	45%	2	91	84	78	89	82	77	85	80	75	10.0	5.0	28.6	55°	9,408			
25°	0° - 60°	1,101	79%	3	80	71	65	78	70	64	75	68	63	12.0	3.5	34.3	65°	8,715			
35°	0° - 90°	1,393	100%	4	70	62	55	69	61	55	67	59	54	14.0	2.5	40.1	75°	7,860			
45°	90° - 180°	0	0%	5	63	54	47	62	53	47	60	52	47				85°	6,388			
55°	0° - 180°	1,393	100%	6	57	48	41	56	47	41	54	46	41								
65°		252		7	51	43	37	51	42	36	49	42	36								
75°		172		8	47	38	33	46	38	33	45	38	32								
85°		95		9	43	35	29	43	35	29	41	34	29								
90°		26		10	40	32	27	39	32	27	38	31	26								
90°		1																			

JSF 11IN 13LM SWW5 - 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)	
					80%			70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
					pw	50%	30%	10%	50%	30%	10%	50%	30%					10%			
0°	Zone	Lumens	% Fixture	0	119	119	119	116	116	116	111	111	111	6.0	14.2	17.2	0°	10,984			
5°	0° - 30°	399	28%	1	104	100	96	102	98	94	97	94	91	8.0	8.0	22.9	45°	10,138			
15°	0° - 40°	650	45%	2	91	84	78	89	82	77	85	80	75	10.0	5.1	28.6	55°	9,691			
25°	0° - 60°	1,134	79%	3	80	71	65	78	70	64	75	68	63	12.0	3.6	34.3	65°	8,977			
35°	0° - 90°	1,435	100%	4	70	62	55	69	61	55	67	59	54	14.0	2.6	40.1	75°	8,096			
45°	90° - 180°	0	0%	5	63	54	47	62	53	47	60	52	47				85°	6,580			
55°	0° - 180°	1,435	100%	6	57	48	41	56	47	41	54	46	41								
65°		260		7	51	43	37	51	42	36	49	42	36								
75°		177		8	47	38	33	46	38	33	45	38	32								
85°		98		9	43	35	29	43	35	29	41	34	29								
90°		27		10	40	32	27	39	32	27	38	31	26								
90°		1																			

JSF 11IN 13LM SWW5 - 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)	
					80%			70%			50%			Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance				
					pw	50%	30%	10%	50%	30%	10%	50%	30%					10%			
0°	Zone	Lumens	% Fixture	0	119	119	119	116	116	116	111	111	111	6.0	15.2	17.2	0°	11,731			
5°	0° - 30°	426	28%	1	104	100	96	102	98	94	97	94	91	8.0	8.6	22.9	45°	10,827			
15°	0° - 40°	694	45%	2	91	84	78	89	82	77	85	80	75	10.0	5.5	28.6	55°	10,349			
25°	0° - 60°	1,212	79%	3	80	71	65	78	70	64	75	68	63	12.0	3.8	34.3	65°	9,587			
35°	0° - 90°	1,532	100%	4	70	62	55	69	61	55	67	59	54	14.0	2.8	40.1	75°	8,646			
45°	90° - 180°	0	0%	5	63	54	47	62	53	47	60	52	47				85°	7,027			
55°	0° - 180°	1,532	100%	6	57	48	41	56	47	41	54	46	41								
65°		277		7	51	43	37	51	42	36	49	42	36								
75°		189		8	47	38	33	46	38	33	45	38	32								
85°		105		9	43	35	29	43	35	29	41	34	29								
90°		29		10	40	32	27	39	32	27	38	31	26								
90°		1																			



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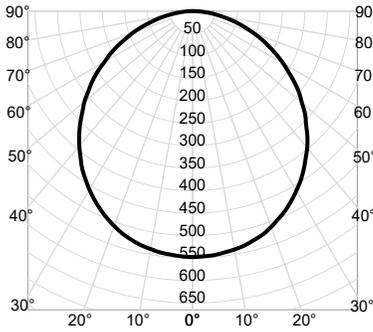
11" and 13" Round Downlight for JBox Installation



JSF

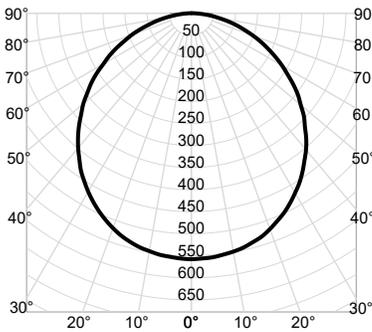
PHOTOMETRICS

JSF 11IN 13LM SWW5 - 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	80%					20%					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%	6.0	15.2	17.2	0°	11,731	
5°	548	0° - 30°	426	28%	0	119	119	119	116	116	116	111	111	111	8.0	8.6	22.9	45°	10,827
15°	546	0° - 40°	694	45%	1	104	100	96	102	98	94	97	94	91	10.0	5.5	28.6	55°	10,349
25°	528	0° - 60°	1,212	79%	2	91	84	78	89	82	77	85	80	75	12.0	3.8	34.3	65°	9,587
35°	490	0° - 90°	1,532	100%	3	80	71	65	78	70	64	75	68	63	14.0	2.8	40.1	75°	8,646
45°	431	90° - 180°	0	0%	4	70	62	55	69	61	55	67	59	54				85°	7,027
55°	358	0° - 180°	1,532	100%	5	63	54	47	62	53	47	60	52	47					
65°	277				6	57	48	41	56	47	41	54	46	41					
75°	189				7	51	43	37	51	42	36	49	42	36					
85°	105				8	47	38	33	46	38	33	45	38	32					
90°	29				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 SWW5 - 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	80%					20%					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%	6.0	15.5	17.2	0°	11,944	
5°	558	0° - 30°	433	28%	0	119	119	119	116	116	116	111	111	111	8.0	8.7	22.9	45°	11,023
15°	556	0° - 40°	706	45%	1	104	100	96	102	98	94	97	94	91	10.0	5.6	28.6	55°	10,537
25°	538	0° - 60°	1,234	79%	2	91	84	78	89	82	77	85	80	75	12.0	3.9	34.3	65°	9,761
35°	498	0° - 90°	1,560	100%	3	80	71	65	78	70	64	75	68	63	14.0	2.8	40.1	75°	8,803
45°	439	90° - 180°	0	0%	4	70	62	55	69	61	55	67	59	54				85°	7,155
55°	364	0° - 180°	1,560	100%	5	63	54	47	62	53	47	60	52	47					
65°	282				6	57	48	41	56	47	41	54	46	41					
75°	193				7	51	43	37	51	42	36	49	42	36					
85°	106				8	47	38	33	46	38	33	45	38	32					
90°	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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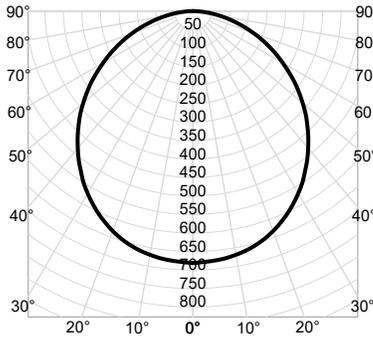
11" and 13" Round Downlight for JBox Installation



JSF

PHOTOMETRICS

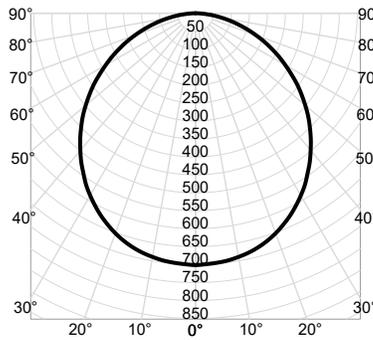
JSF 13IN 18LM SWW5 - 2700K Input Watts: 19.9, Delivered Lumens: 1884, LPW: 94.7, S/MH: 1.24, Test No: ISF 232449P1



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

Beam Angle: 108.9°
Field Angle: 161.3°

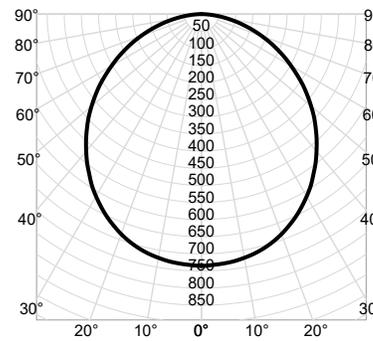
JSF 13IN 18LM SWW5 - 3000K Input Watts: 19.8, Delivered Lumens: 1941, LPW: 98.0, S/MH: 1.24, Test No: ISF 232449P2



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

Beam Angle: 108.9°
Field Angle: 161.3°

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

Beam Angle: 108.9°
Field Angle: 161.3°



Juno SlimForm™ LED with Selectable CCT

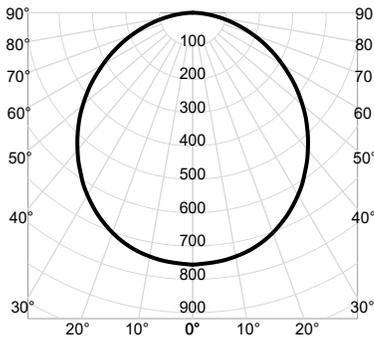
11" and 13" Round Downlight for JBox Installation



JSF

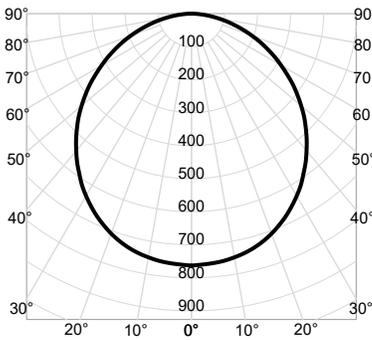
PHOTOMETRICS

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)	
	Zone	Lumens	% Fixture	pw	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
					50%	30%	10%	50%	30%	10%						50%	30%	10%	
0°	0° - 30°	586	28%	0	119	119	119	116	116	116	111	111	111	6.0	21.0	16.8	0°	11,241	
5°	0° - 40°	952	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.8	22.4	45°	10,201	
15°	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°	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°	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.9	39.2	75°	7,781	
45°	0° - 180°	2,091	100%	5	63	54	48	62	54	47	60	52	47				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)	
	Zone	Lumens	% Fixture	pw	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
					50%	30%	10%	50%	30%	10%						50%	30%	10%	
0°	0° - 30°	591	28%	0	119	119	119	116	116	116	111	111	111	6.0	21.2	16.8	0°	11,342	
5°	0° - 40°	961	46%	1	104	100	96	102	98	94	97	94	91	8.0	11.9	22.4	45°	10,293	
15°	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°	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°	90° - 180°	0	0%	4	71	62	55	69	61	55	67	60	54	14.0	3.9	39.2	75°	7,851	
45°	0° - 180°	2,110	100%	5	63	54	48	62	54	47	60	52	47				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						