

Juno®

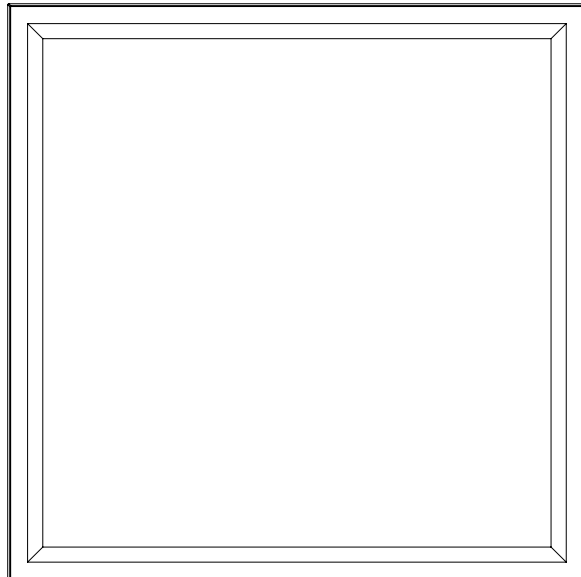
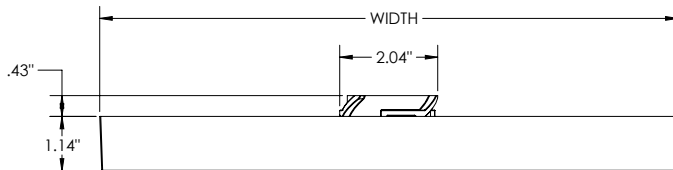
Juno SlimForm™ LED with Selectable CCT

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



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JSFSQ

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

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.



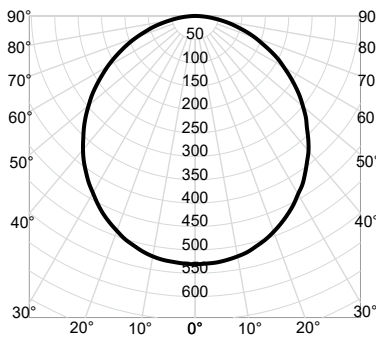
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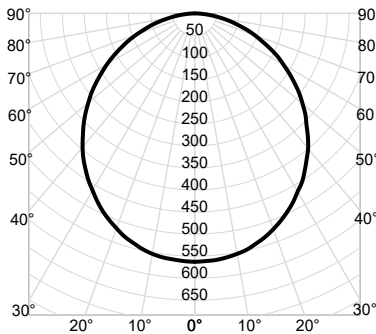
PHOTOMETRICS

JSFSQ 12IN 13LM SSW5 - 2700K Input Watts: 14.9, Delivered Lumens: 1472, LPW: 98.8, S/MH: 1.23, Test No: ISF 232439P1



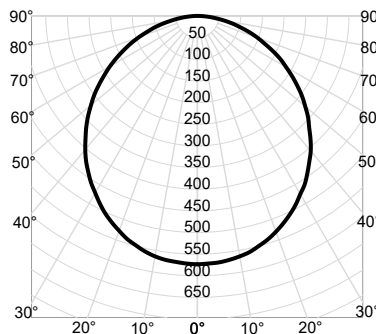
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf											Mounting Height	Initial FC Center Beam	Beam Diameter		
0°		Zone	Lumens	% Fixture	pc	50%	30%	10%	50%	30%	10%	50%	30%	10%				Average Luminance			
0°	531	0° - 30°	411	28%	0	119	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 SSW5 - 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					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°	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 SSW5 - 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							



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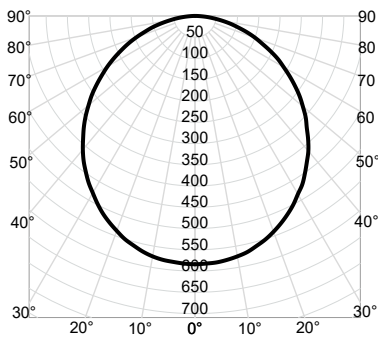
12" and 14" Square Downlight for JBox Installation



JSFSQ

PHOTOMETRICS

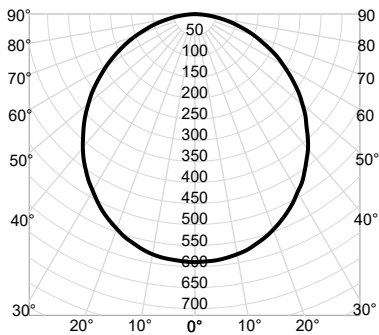
JSFSQ 12IN 13LM SSW5 - 4000K Input Watts: 14.6, Delivered Lumens: 1619, LPW: 110.9, S/MH: 1.23, Test No: ISF 232439P4



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	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°	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						

Beam Angle: 108.5°
Field Angle: 161.6°

JSFSQ 12IN 13LM SSW5 - 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	80%			20%			50%				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°	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						

Beam Angle: 108.5°
Field Angle: 161.6°



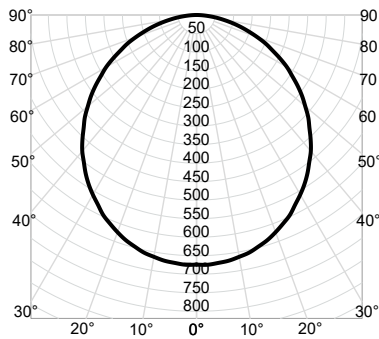
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PHOTOMETRICS

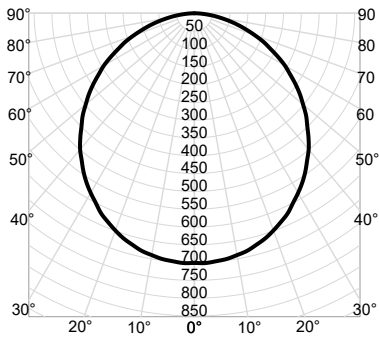
JSFSQ 14IN 18LM SWW5 - 2700K Input Watts: 20.2, Delivered Lumens: 1877, LPW: 92.9, S/MH: 1.23, Test No: ISF 232470P1



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)		
						pf	80%			20%			50%				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°	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		Beam Angle: 109.1°					
65°	226				7	51	43	37	51	42	36	49	42	36		Field Angle: 161.3°					
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°

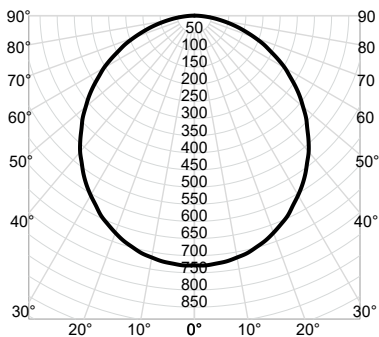
JSFSQ 14IN 18LM SWW5 - 3000K Input Watts: 19.8, Delivered Lumens: 1952, LPW: 98.6, S/MH: 1.23, Test No: ISF 232470P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
						pf	80%			70%			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°	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						

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)	
						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°	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						

Beam Angle: 109.1°
Field Angle: 161.3°



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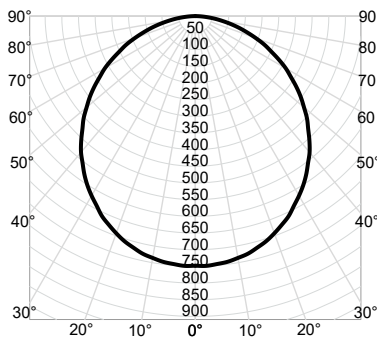
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JSFSQ

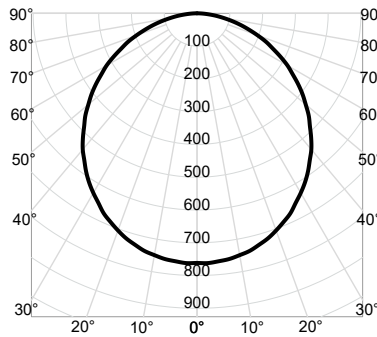
PHOTOMETRICS

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	pw	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							

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	80%			20%			50%				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°	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							