JUNO

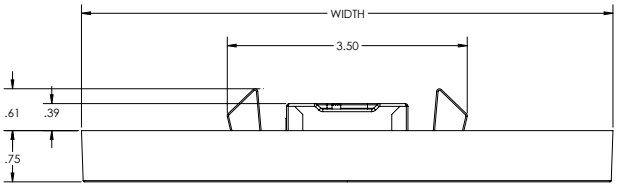
Juno SlimForm™ LED with Selectable CCT

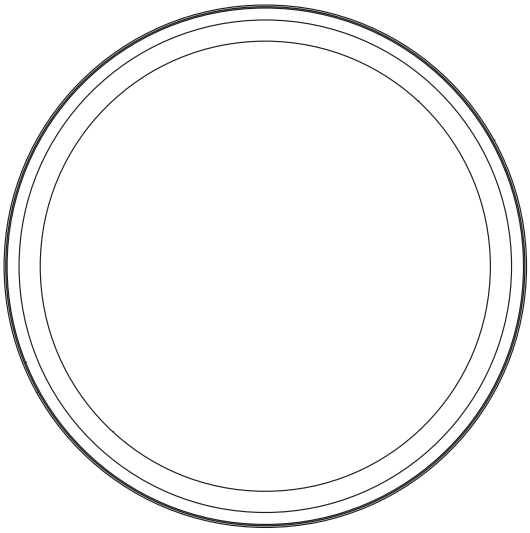
5" and 7" Round Downlight for JBox Installation

Project:	
Fixture Type:	
Location:	
Contact/Phone:	

JSF Series

Dimensions





Product Features

Sleek, ultra-low profile energy efficient LED surface mount downlights available in 5" and 7" sizes. Optional finish trims available for custom, designer look similar to standard recessed downlights. 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 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 5IN = 800L JSF 7IN = 1100L
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 5IN	5.25 (13.34)	0.75 (1.91)
JSF 7IN	7.77 (19.74)	0.75 (1.91)

All dimensions are in Inches (centimeters unless otherwise indicated.

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ORDERING INFORMATION

SlimForm LED Downlight

Example: JSF 5IN 07LM SWW5 90CRI 120 FRPC WH

Series	Size/Lumens	Color Temperature	CRI	Voltage/Driver	Finish
JSF SlimForm Surface Mount Downlight - Round	**5IN 07LM** 5", 700 Lumens **7IN 10LM** 7", 1000 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 **BL LGL** Black Low Glare lens **BZ LGL** Bronze Low Glare lens **SN LGL** Satin Nickel Low Glare Lens

ACCESSORIES

TRIM – Optional, field installable finish trim rings available to change the exterior finish of fixture.
Example: JSFTRIM 5IN BZ

Series	Size	Finish
JSFTRIM SlimForm Accessory- Trim	5IN 5 inches 7IN 7 inches	WH White BL Black BZ Bronze SN* Satin Nickel

Note:
* SN not available for 5IN

BLACK

BRONZE

SATIN NICKEL

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Specifications

Construction
Shallow, less than 1", solid ring with white finish • Non conductive construction allows for light shower applications • Optional, field installable finish trims available for 5" and 7" versions to change the exterior finish of fixture

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 • External driver is only available on 5" and 7" models • 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 junction boxes include 4" metal standard and IC1JB junction box housing (3 1/2" junction box screw-hole spacing required for installation) • Minimum 1 3/4" depth and minimum 3 1/2" width of junction box required for installation for 5" and 7" 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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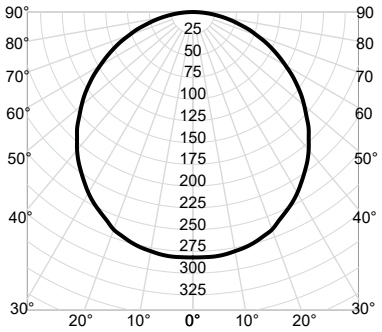
PHOTOMETRICS

JSF 5IN 07LM SWW5 - 27K Input Watts: 9.2, Delivered Lumens: 791, LPW: 86.0, S/MH: 1.25, Test No: ISF 231051P1



CP Summary

0°	
0°	282
5°	282
15°	274
25°	253
35°	224
45°	188
55°	146
65°	101
75°	56
85°	17
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	220	28%
0° - 40°	358	45%
0° - 60°	625	79%
0° - 90°	791	100%
90° - 180°	0	0%
0° - 180°	791	100%

Coefficients of Utilization

ρf / ρc	80%			20%			50%		
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	82	77	85	80	75
3	80	71	65	78	70	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	47	62	54	47	60	52	47
6	57	48	41	56	47	41	54	47	41
7	52	43	37	51	42	36	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

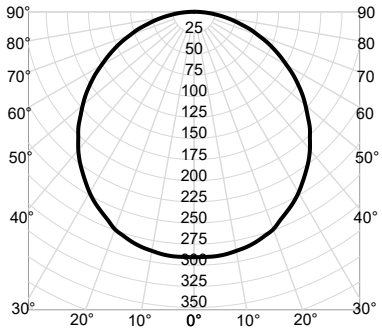
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	7.8	17.9
8.0	4.4	23.8
10.0	2.8	29.8
12.0	2.0	35.8
14.0	1.4	41.7

Beam Angle: 112.3°
Field Angle: 163.9°

Luminance (cd/sq.m)

	Average Luminance
0°	31,550
45°	29,745
55°	28,478
65°	26,737
75°	24,207
85°	21,822

JSF 5IN 07LM SWW5 - 30K Input Watts: 9.1, Delivered Lumens: 814, LPW: 89.5, S/MH: 1.25, Test No: ISF 231051P2



CP Summary

0°	
0°	290
5°	290
15°	282
25°	261
35°	231
45°	194
55°	150
65°	104
75°	58
85°	18
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	227	28%
0° - 40°	369	45%
0° - 60°	643	79%
0° - 90°	814	100%
90° - 180°	0	0%
0° - 180°	814	100%

Coefficients of Utilization

ρf / ρc	80%			20%			50%		
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	82	77	85	80	75
3	80	71	65	78	70	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	47	62	54	47	60	52	47
6	57	48	41	56	47	41	54	47	41
7	52	43	37	51	42	36	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

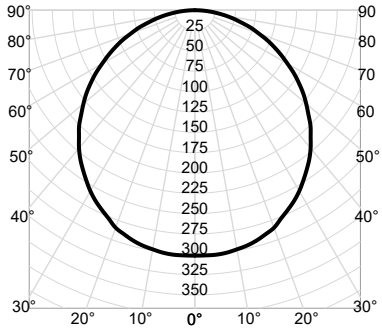
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.1	17.9
8.0	4.5	23.8
10.0	2.9	29.8
12.0	2.0	35.8
14.0	1.5	41.7

Beam Angle: 112.3°
Field Angle: 163.9°

Luminance (cd/sq.m)

	Average Luminance
0°	32,496
45°	30,638
55°	29,332
65°	27,539
75°	24,933
85°	22,477

JSF 5IN 07LM SWW5 - 35K Input Watts: 8.9, Delivered Lumens: 846, LPW: 95.1, S/MH: 1.25, Test No: ISF 231051P3



CP Summary

0°	
0°	302
5°	302
15°	293
25°	271
35°	240
45°	201
55°	156
65°	108
75°	60
85°	18
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	236	28%
0° - 40°	383	45%
0° - 60°	668	79%
0° - 90°	846	100%
90° - 180°	0	0%
0° - 180°	846	100%

Coefficients of Utilization

ρf / ρc	80%			20%			50%		
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	82	77	85	80	75
3	80	71	65	78	70	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	47	62	54	47	60	52	47
6	57	48	41	56	47	41	54	47	41
7	52	43	37	51	42	36	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.4	17.9
8.0	4.7	23.8
10.0	3.0	29.8
12.0	2.1	35.8
14.0	1.5	41.7

Beam Angle: 112.3°
Field Angle: 163.9°

Luminance (cd/sq.m)

	Average Luminance
0°	33,758
45°	31,827
55°	30,471
65°	28,609
75°	25,901
85°	23,350

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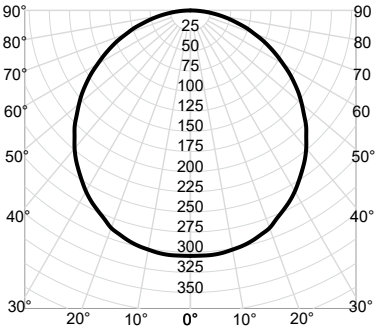
PHOTOMETRICS

JSF 5IN 07LM SWW5 - 40K Input Watts: 9.1, Delivered Lumens: 854, LPW: 93.8, S/MH: 1.25, Test No: ISF 231051P4



CP Summary

	0°
0°	305
5°	305
15°	296
25°	273
35°	242
45°	203
55°	158
65°	109
75°	60
85°	18
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	238	28%
0° - 40°	386	45%
0° - 60°	675	79%
0° - 90°	854	100%
90° - 180°	0	0%
0° - 180°	854	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc / ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	82	77	85	80	75
3	80	71	65	78	70	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	47	62	54	47	60	52	47
6	57	48	41	56	47	41	54	47	41
7	52	43	37	51	42	36	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

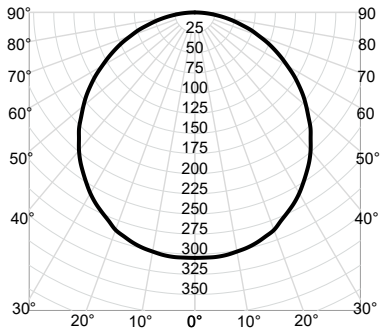
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.5	17.9
8.0	4.8	23.8
10.0	3.0	29.8
12.0	2.1	35.8
14.0	1.6	41.7

Beam Angle: 112.3°
Field Angle: 163.9°

Luminance (cd/sq.m)

	Average Luminance
0°	34,074
45°	32,125
55°	30,756
65°	28,876
75°	26,143
85°	23,568

JSF 5IN 07LM SWW5 - 50K Input Watts: 9.2, Delivered Lumens: 854, LPW: 92.8, S/MH: 1.25, Test No: ISF 231051P5



CP Summary

	0°
0°	305
5°	305
15°	296
25°	273
35°	242
45°	203
55°	158
65°	109
75°	60
85°	18
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	238	28%
0° - 40°	386	45%
0° - 60°	675	79%
0° - 90°	854	100%
90° - 180°	0	0%
0° - 180°	854	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc / ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	98	94	91
2	91	84	78	89	82	77	85	80	75
3	80	71	65	78	70	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	47	62	54	47	60	52	47
6	57	48	41	56	47	41	54	47	41
7	52	43	37	51	42	36	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

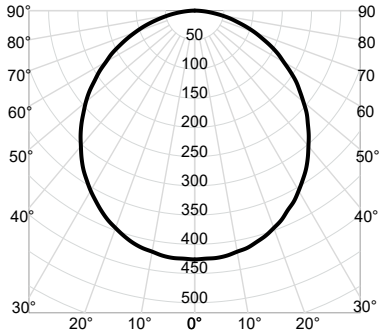
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	8.5	17.9
8.0	4.8	23.8
10.0	3.0	29.8
12.0	2.1	35.8
14.0	1.6	41.7

Beam Angle: 112.3°
Field Angle: 163.9°

Luminance (cd/sq.m)

	Average Luminance
0°	34,074
45°	32,125
55°	30,756
65°	28,876
75°	26,143
85°	23,568

JSF 7IN 10LM SWW5 - 27K Input Watts: 12.0, Delivered Lumens: 1182, LPW: 98.5, S/MH: 1.24, Test No: ISF 23588P1



CP Summary

	0°
0°	426
5°	425
15°	410
25°	377
35°	332
45°	274
55°	212
65°	144
75°	76
85°	20
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	331	28%
0° - 40°	538	45%
0° - 60°	937	79%
0° - 90°	1,182	100%
90° - 180°	0	0%
0° - 180°	1,182	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc / ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	75
3	80	72	65	78	71	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	48	62	54	47	60	52	47
6	57	48	42	56	47	41	54	47	41
7	52	43	37	51	42	37	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	11.8	16.9
8.0	6.7	22.5
10.0	4.3	28.2
12.0	3.0	33.8
14.0	2.2	39.5

Beam Angle: 109.3°
Field Angle: 161.5°

Luminance (cd/sq.m)

	Average Luminance
0°	18,617
45°	16,934
55°	16,153
65°	14,891
75°	12,833
85°	10,029

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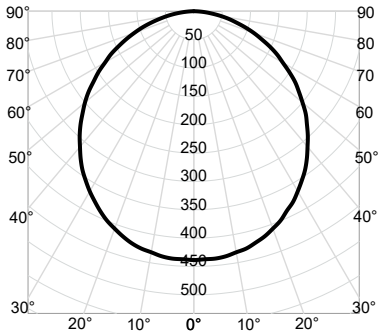
JSF

PHOTOMETRICS

JSF 7IN 10LM SWW5 - 30K Input Watts: 12.3, Delivered Lumens: 1218, LPW: 99.0, S/MH: 1.24, Test No: ISF 23588P2



CP Summary

0°	
0°	439
5°	438
15°	422
25°	388
35°	342
45°	282
55°	218
65°	148
75°	78
85°	21
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	341	28%
0° - 40°	554	45%
0° - 60°	966	79%
0° - 90°	1,218	100%
90° - 180°	0	0%
0° - 180°	1,218	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρw									
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	75
3	80	72	65	78	71	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	48	62	54	47	60	52	47
6	57	48	42	56	47	41	54	47	41
7	52	43	37	51	42	37	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

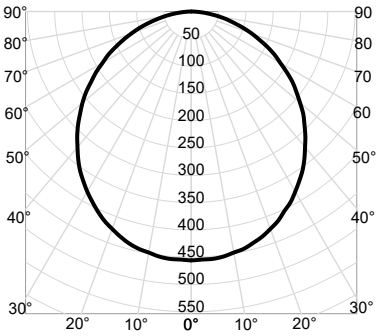
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	12.2	16.9
8.0	6.9	22.5
10.0	4.4	28.2
12.0	3.0	33.8
14.0	2.2	39.5

Beam Angle: 109.3°
Field Angle: 161.5°

Luminance (cd/sq.m)

	Average Luminance
0°	19,176
45°	17,442
55°	16,637
65°	15,338
75°	13,218
85°	10,329

JSF 7IN 10LM SWW5 - 35K Input Watts: 12.1, Delivered Lumens: 1265, LPW: 104.5, S/MH: 1.24, Test No: ISF 23588P3



CP Summary

0°	
0°	456
5°	455
15°	439
25°	403
35°	355
45°	293
55°	227
65°	154
75°	81
85°	21
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	354	28%
0° - 40°	575	45%
0° - 60°	1,003	79%
0° - 90°	1,265	100%
90° - 180°	0	0%
0° - 180°	1,265	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρw									
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	75
3	80	72	65	78	71	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	48	62	54	47	60	52	47
6	57	48	42	56	47	41	54	47	41
7	52	43	37	51	42	37	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

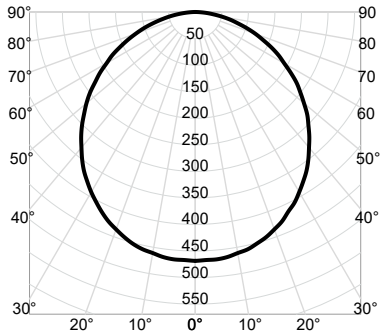
Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	12.7	16.9
8.0	7.1	22.5
10.0	4.6	28.2
12.0	3.2	33.8
14.0	2.3	39.5

Beam Angle: 109.3°
Field Angle: 161.5°

Luminance (cd/sq.m)

	Average Luminance
0°	19,920
45°	18,120
55°	17,284
65°	15,933
75°	13,731
85°	10,731

JSF 7IN 10LM SWW5 - 40K Input Watts: 12.2, Delivered Lumens: 1301, LPW: 106.6, S/MH: 1.24, Test No: ISF 23588P4



CP Summary

0°	
0°	469
5°	468
15°	451
25°	415
35°	365
45°	301
55°	233
65°	158
75°	84
85°	22
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	364	28%
0° - 40°	592	45%
0° - 60°	1,031	79%
0° - 90°	1,300	100%
90° - 180°	0	0%
0° - 180°	1,301	100%

Coefficients of Utilization

ρf	80%			70%			50%		
ρc	50%	30%	10%	50%	30%	10%	50%	30%	10%
ρw									
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	75
3	80	72	65	78	71	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	48	62	54	47	60	52	47
6	57	48	42	56	47	41	54	47	41
7	52	43	37	51	42	37	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	13.0	16.9
8.0	7.3	22.5
10.0	4.7	28.2
12.0	3.3	33.8
14.0	2.4	39.5

Beam Angle: 109.3°
Field Angle: 161.5°

Luminance (cd/sq.m)

	Average Luminance
0°	20,479
45°	18,628
55°	17,768
65°	16,380
75°	14,116
85°	11,031

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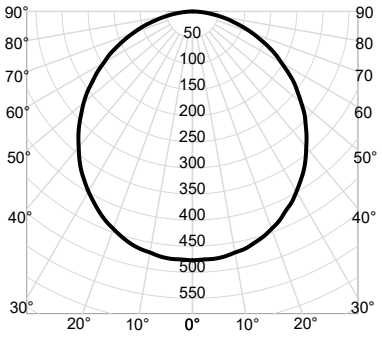
Juno SlimForm™ LED with Selectable CCT

5" and 7" Round Downlight for JBox Installation

JSF

PHOTOMETRICS

JSF 7IN 10LM SWW5 - 50K Input Watts: 12.3, Delivered Lumens: 1324, LPW: 107.6, S/MH: 1.24, Test No: ISF 23588P5



CP Summary

	0°
0°	477
5°	476
15°	459
25°	422
35°	372
45°	307
55°	237
65°	161
75°	85
85°	22
90°	0

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 30°	370	28%
0° - 40°	602	45%
0° - 60°	1,050	79%
0° - 90°	1,324	100%
90° - 180°	0	0%
0° - 180°	1,324	100%

Coefficients of Utilization

ρf									
ρc	80%			20%			50%		
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%
0	119	119	119	116	116	116	111	111	111
1	104	100	96	102	98	94	97	94	91
2	91	84	78	89	83	77	85	80	75
3	80	72	65	78	71	64	75	69	63
4	71	62	55	69	61	55	67	60	54
5	63	54	48	62	54	47	60	52	47
6	57	48	42	56	47	41	54	47	41
7	52	43	37	51	42	37	49	42	36
8	47	39	33	46	38	33	45	38	32
9	43	35	29	43	35	29	42	34	29
10	40	32	27	39	32	27	38	31	27

Cone of Light

Mounting Height	Initial FC Center Beam	Beam Diameter
6.0	13.3	16.9
8.0	7.5	22.5
10.0	4.8	28.2
12.0	3.3	33.8
14.0	2.4	39.5

Beam Angle: 109.3°
Field Angle: 161.5°

Luminance (cd/sq.m)

	Average Luminance
0°	20,851
45°	18,967
55°	18,091
65°	16,678
75°	14,373
85°	11,232