



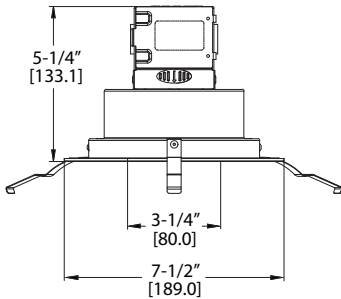
# Juno OneUP™ LED Downlight Series

6" LED Direct Wire Switchable White Adjustable Downlight, 1120 lumens

## JBK6 ADJ Series



### Dimensions



Specifications

Aperture:	3-1/4" (80.0)
Overlap Trim:	7-1/2" (189.0)
Height:	5-1/4" (133)
Ceiling Opening:	6-1/2" (165)
Min Ceiling Thickness:	1/2" (12.7)
Max Ceiling Thickness:	1-1/2" (38.1)

All dimensions are inches (millimeters).

Project:
Fixture Type:
Location:
Contact/Phone:

### Product Features

The 6" OneUp™ direct-wire adjustable downlights feature a unique "canless" all-in-one design that includes an integrated junction box with selectable white switch, baffle trim, pre-installed non-metallic bushings and 3-port push wire quick connectors in one package.

- Round adjustable gimbal with 180 degrees of rotation and 35 degrees of adjustable tilt in both directions.
- Requires no tools (other than a hole saw for your ceiling cutout) and take less than 1/3 of the time to install versus a conventional incandescent can
- 5 selectable color temperatures to choose with a switch ranging from warm (2700K) to daylight (5000K) allowing customization for endless applications

### Applications

- Residential and light commercial applications including single and multi-family, assisted living, and dormitories
- Remodel or new construction insulated and drop ceiling installations
- Damp rated and airtight: perfect for bathrooms, outdoor soffits, and eaves.

### Performance

Delivered Lumens	1120 Nominal; up to 1160 Lumens
LED Color Temperature	Switchable White (2700K, 3000K, 3500K, 4000K, 5000K) Default set at 3000K
Color Quality	3-step MacAdams at endpoints: 7- Step Mac-Adams at middle points
CRI	90+
Voltage	Dedicated 120V
Dimming	Dimmable down to 10% with forward phase triac dimmers. For a list of compatible dimmers see JUNO-ONEUP-DIM

LIGHTING PERFORMANCE DATA DONNÉES SUR LE RENDEMENT DE L'ÉCLAIRAGE	
Light Appearance (CCT) Aspect de la lumière (CCT)	
<b>2700K</b> soft white   blanc doux	1060 lumens   79 lumens per watt
<b>3000K</b> warm white   blanc chaud	1120 lumens   83 lumens per watt
<b>3500K</b> neutral white   blanc neutre	1160 lumens   86 lumens per watt
<b>4000K</b> cool white   blanc froid	1114 lumens   83 lumens per watt
<b>5000K</b> daylight   blanc neutre	1100 lumens   81 lumens per watt
Watts	<b>13.5</b>
Color Accuracy (CRI) Précision des couleurs (CRI)	<b>90</b>



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## ORDERING INFORMATION

Ordering Example: JBK6 ADJ SWW5 90CRI MW

Trim Series	Trim Style	Color Temperature	Color Rendering Index	Finish
<b>JBK6</b> 6" Adjustable Round Direct-Wire LED Downlight	<b>ADJ</b> Round Adjustable	<b>SWW5</b> Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	<b>90CRI</b> 90+ CRI	<b>MW</b> Matte White

**ACCESSORIES:** Order as separate catalog number.

Catalog Number
<b>OUIBK643 U</b> Universal New Construction Pan accomodating 3", 4", 6" aperature sizes



Universal New Construction Pan  
Multi- size: 3", 4", 6" new construction pre-mounting pan with nail-in barhanges

## Performance Data

	<b>JBK6 ADJ SWW5</b>
Input voltage	120V AC
Input Power Typical	13W (+/-5%)
Min. power factor	0.9
Input Current (Amps)	0.57A
Frequency	60HZ
EMI/RFI	FCC Title 47, Part 15 Class B (consumer)
Minimum Starting Temp	-40°F (-40°C)

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.

Dimming: Forward Phase (Triac)		
Lutron	Leviton	legrand
CTCL-153P-WH	IPE04	RHCL453PTCCCV6
DVCL-153P-WH	IPL06	RH703PTUTCCCV4
300P SELV	IP110	
DVELV-300P	6633-PA	
AYCL-153P-WH	WA-RXX-6674-12A	
DVCL-153PR-WH	WA-CXX-6672-12A	
CTCL-153PDH-WH	WA-RXX-IPL06-12A	
TGCL-153PH-WH		
MACL-153MH-WH		
P-PKG1W-WH-R		
DVWCL-153PH-WH		



## Juno OneUP™ LED Downlight Series

6" LED Direct Wire Switchable White  
Adjustable Downlight, 1120 lumens



### Specifications

#### Housing

Spun steel, round adjustable trim with secure trim retention with two side-mounted spring clips for easy installation in plaster, sheet rock, or plywood ceilings.

- The integrated junction box - with pre-installed non-metallic bushing - allows non-metallic cable to be fed through without the hassle of knockouts. The captive junction box door provides easy access to pre-installed 3-port push wire quick connectors for straight-forward wiring.
- Suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (6) 14 gauge insulated conductors; making the OneUP™ LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications.

#### Driver

Accommodates 120 volts at 60hz. • Rated for Type IC installations with convenience of a switch to choose between 5 selectable color temperature options ranging from 2700K (warm white), 3000K, 3500K, 4000K, or 5000K (daylight).

- LEDs are integrated to one piece high purity aluminum, thermally conductive housing to provide uninterrupted heat transfer to ensure long life of the LED.
- Switchable white color temperature from 2700K, 3000K, 3500K, 4000K, 5000K.
- 90 CRI minimum • Dimming 100% to 10% with most standard incandescent dimmers (see list of approved dimmers).

#### Optics

Round adjustable gimbal with 180 degrees of rotation and 35 degrees of adjustable tilt in both directions. Diffused lens provides even light distribution for general illumination, equivalent to 65W incandescent flood lamp • Wide flood beam angle at >90°.

#### Life

Rated for 50,000 hours at 70% lumen maintenance.

#### Listings

ETL certified to US and Canadian safety standards. ENERGY STAR® certified product • Suitable for damp location • Air-Loc certified in accordance with ASTM E283-2004 • NOM Certified • Can be used to comply with California Title 24 Part 6 High Efficacy LED light Source Requirements.

#### Testing

All reports are based on published industry procedures; field performance may differ from laboratory performance.

#### Warranty

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**Note:** Specifications subject to change without notice.



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6" LED Direct Wire Switchable White Adjustable Downlight, 1120 lumens



## Photometrics - JBK6 ADJ Series

Distribution Curve

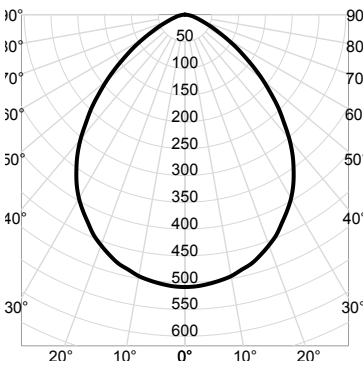
Distribution Data

Output Data

Coefficient of Utilization

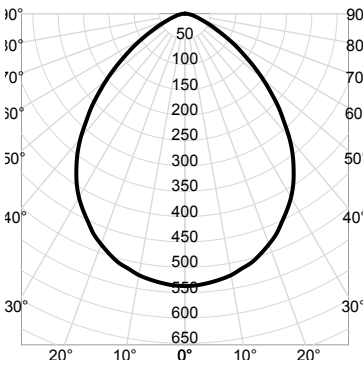
Illuminance Data at 30" Above Floor for a Single Luminaire

**JBK6 ADJ SWW5 90CRI MW M6 2700K** Input Watts: 13.5, Delivered Lumens: 1062, LPW: 78.7, S/MH: 1.15, Test No: ISF 202693P1



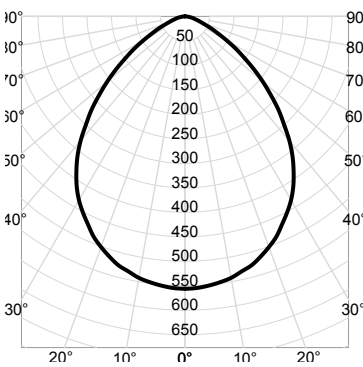
CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	508	0° - 30°	390	37%	0	119	119	119	116	116	111	111	111	6.0	14.1	11.7	0°	103,049		
5°	504	0° - 40°	619	58%	1	107	104	100	105	102	99	101	98	8.0	7.9	15.6	45°	70,744		
15°	481	0° - 60°	961	91%	2	96	90	85	94	89	84	90	86	10.0	5.1	19.5	55°	47,793		
25°	428	0° - 90°	1,062	100%	3	86	79	73	84	78	72	81	76	12.0	3.5	23.4	65°	26,514		
35°	353	90° - 180°	0	0%	4	77	69	64	76	69	63	73	67	14.0	2.6	27.3	75°	14,689		
45°	247	0° - 180°	1,062	100%	5	70	62	56	69	61	56	67	60	Beam Angle: 88.5°						
55°	135					6	63	55	50	63	55	49	61	54	49	Field Angle: 135.6°				
65°	55					7	58	50	44	57	50	44	56	49	44					
75°	19					8	53	45	40	53	45	40	51	45	40					
85°	4					9	49	42	36	49	41	36	48	41	36					
90°	0					10	46	38	33	45	38	33	44	38	33					

**JBK6 ADJ SWW5 90CRI MW M6 3000K** Input Watts: 13.5, Delivered Lumens: 1122, LPW: 83.1, S/MH: 1.15, Test No: ISF 202693P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	537	0° - 30°	412	37%	0	119	119	119	116	116	111	111	111	6.0	14.9	11.7	0°	108,882		
5°	533	0° - 40°	654	58%	1	107	104	100	105	102	99	101	98	8.0	8.4	15.6	45°	74,748		
15°	508	0° - 60°	1,015	91%	2	96	90	85	94	89	84	90	86	10.0	5.4	19.5	55°	50,498		
25°	453	0° - 90°	1,122	100%	3	86	79	73	84	78	72	81	76	12.0	3.7	23.4	65°	28,015		
35°	373	90° - 180°	0	0%	4	77	69	64	76	69	63	73	67	14.0	2.7	27.3	75°	15,520		
45°	261	0° - 180°	1,122	100%	5	70	62	56	69	61	56	67	60	Beam Angle: 88.5°						
55°	143					6	63	55	50	63	55	49	61	54	49	Field Angle: 135.6°				
65°	58					7	58	50	44	57	50	44	56	49	44					
75°	20					8	53	45	40	53	45	40	51	45	40					
85°	4					9	49	42	36	49	41	36	48	41	36					
90°	0					10	46	38	33	45	38	33	44	38	33					

**JBK6 ADJ SWW5 90CRI MW M6 3500K** Input Watts: 13.5, Delivered Lumens: 1162, LPW: 86.1, S/MH: 1.15, Test No: ISF 202693P3



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		70%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
				pw	50%	30%	10%	50%	30%	10%	50%	30%	10%							
0°	556	0° - 30°	426	37%	0	119	119	119	116	116	111	111	111	6.0	15.5	11.7	0°	112,770		
5°	552	0° - 40°	678	58%	1	107	104	100	105	102	99	101	98	8.0	8.7	15.6	45°	77,418		
15°	526	0° - 60°	1,052	91%	2	96	90	85	94	89	84	90	86	10.0	5.6	19.5	55°	52,302		
25°	469	0° - 90°	1,162	100%	3	86	79	73	84	78	72	81	76	12.0	3.9	23.4	65°	29,015		
35°	387	90° - 180°	0	0%	4	77	69	64	76	69	63	73	67	14.0	2.8	27.3	75°	16,075		
45°	270	0° - 180°	1,162	100%	5	70	62	56	69	61	56	67	60	Beam Angle: 88.5°						
55°	148					6	63	55	50	63	55	49	61	54	49	Field Angle: 135.6°				
65°	60					7	58	50	44	57	50	44	56	49	44					
75°	21					8	53	45	40	53	45	40	51	45	40					
85°	4					9	49	42	36	49	41	36	48	41	36					
90°	0					10	46	38	33	45	38	33	44	38	33					



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## Photometrics - JBK6 ADJ Series

Distribution Curve

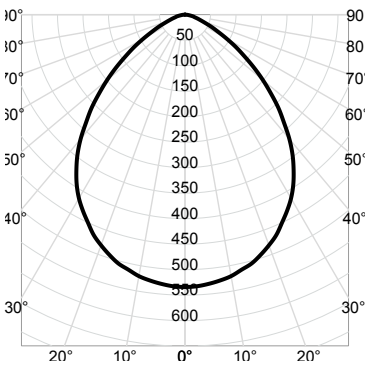
Distribution Data

Output Data

Coefficient of Utilization

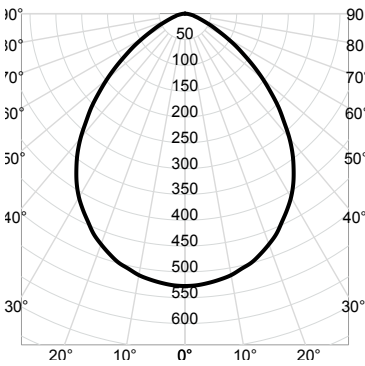
Illuminance Data at 30" Above Floor for a Single Luminaire

**JBK6 ADJ SWW5 90CRI MW M6 4000K** Input Watts: 13.5, Delivered Lumens: 1116, LPW: 82.7, S/MH: 1.15, Test No: ISF 202693P4



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf pc	80%	20%	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	0° - 30°	409	37%	0	119	119	119	116	116	116	111	111	111	6.0	14.8	11.7	0°	108,298		
5°	0° - 40°	651	58%	1	107	104	100	105	102	99	101	98	96	8.0	8.3	15.6	45°	74,348		
15°	0° - 60°	1,010	91%	2	96	90	85	94	89	84	90	86	82	10.0	5.3	19.5	55°	50,228		
25°	0° - 90°	1,116	100%	3	86	79	73	84	78	72	81	76	71	12.0	3.7	23.4	65°	27,865		
35°	90° - 180°	0	0%	4	77	69	64	76	69	63	73	67	62	14.0	2.7	27.3	75°	15,437		
45°	0° - 180°	1,116	100%	5	70	62	56	69	61	56	67	60	55				85°	9,651		
55°		142		6	63	55	50	63	55	49	61	54	49							
65°		58		7	58	50	44	57	50	44	56	49	44							
75°		20		8	53	45	40	53	45	40	51	45	40							
85°		4		9	49	42	36	49	41	36	48	41	36							
90°		0		10	46	38	33	45	38	33	44	38	33							

**JBK6 ADJ SWW5 90CRI MW M6 5000K** Input Watts: 13.5, Delivered Lumens: 1102, LPW: 81.6, S/MH: 1.15, Test No: ISF 202693P5



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf pc	80%	20%	50%	30%	10%	50%	30%	10%	50%	30%	10%	Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance	
0°	0° - 30°	404	37%	0	119	119	119	116	116	116	111	111	111	6.0	14.7	11.7	0°	106,937		
5°	0° - 40°	643	58%	1	107	104	100	105	102	99	101	98	96	8.0	8.2	15.6	45°	73,414		
15°	0° - 60°	997	91%	2	96	90	85	94	89	84	90	86	82	10.0	5.3	19.5	55°	49,597		
25°	0° - 90°	1,102	100%	3	86	79	73	84	78	72	81	76	71	12.0	3.7	23.4	65°	27,515		
35°	90° - 180°	0	0%	4	77	69	64	76	69	63	73	67	62	14.0	2.7	27.3	75°	15,243		
45°	0° - 180°	1,102	100%	5	70	62	56	69	61	56	67	60	55				85°	9,530		
55°		140		6	63	55	50	63	55	49	61	54	49							
65°		57		7	58	50	44	57	50	44	56	49	44							
75°		19		8	53	45	40	53	45	40	51	45	40							
85°		4		9	49	42	36	49	41	36	48	41	36							
90°		0		10	46	38	33	45	38	33	44	38	33							