



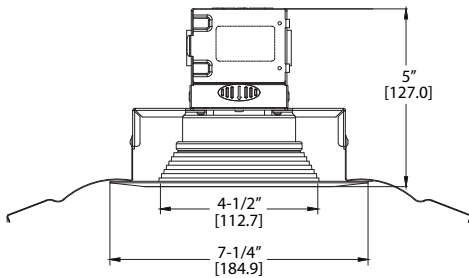
Juno OneUP™ LED Downlight Series

6" LED Direct Wire Switchable White Downlight, 1100 lumens

JBK6 RD Series



Dimensions



Specifications

- Aperture: 4-1/2" (112.7)
- Overlap Trim: 7-1/4" (184.6)
- Height: 5" (127)
- 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 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.

- Regressed lens and baffle trim design to reduce glare for comfortable and task illumination
- 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
- Wet rated and airtight: perfect for showers, bathrooms, and outdoor soffits

Performance

Delivered Lumens	1100 Nominal; up to 1140 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)	
2700K soft white blanc doux	1040 lumens 78 lumens per watt
3000K warm white blanc chaud	1100 lumens 83 lumens per watt
3500K neutral white blanc neutre	1140 lumens 86 lumens per watt
4000K cool white blanc froid	1096 lumens 82 lumens per watt
5000K daylight blanc neutre	1085 lumens 82 lumens per watt
Watts	13.3
Color Accuracy (CRI) Précision des couleurs (CRI)	90



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ORDERING INFORMATION

Ordering Example: JBK6 RD SWW5 90CRI MW

Trim Series	Trim Style	Color Temperature	Color Rendering Index	Finish
JBK6 6" Deep Regressed Round Direct-Wire LED Downlight	RD Round	SWW5 Switchable White (2700K, 3000K, 3500K, 4000K, 5000K)	90CRI 90+ CRI	MW Matte White

ACCESSORIES: Order as separate catalog number.

Catalog Number
OUIBK643 U 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

	JBK6 RD SWW5
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.



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Downlight, 1100 lumens



Specifications

Housing

Spun steel, round baffle 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.
- 90 CRI minimum • Dimming 100% to 10% with most standard incandescent dimers (see list of approved dimmers).

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 dimers (see list of approved dimmers).

Optics

Round baffle recesses optical system into the ceiling to prevent glare and provide a traditional look. 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 wet 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

Note: Specifications subject to change without notice.



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Photometrics - JBK6 RD Series

Distribution Curve

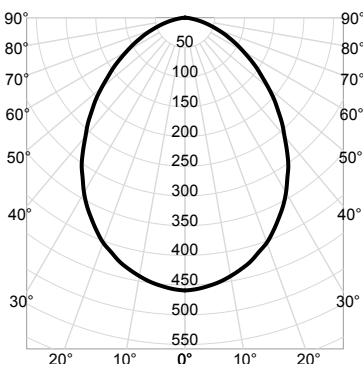
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

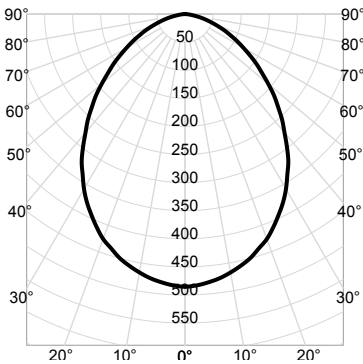
JBK6 RD SWW5 90CRI MW M6 2700K Input Watts: 13.3, Delivered Lumens: 1042, LPW: 78.3, S/MH: 1.11, Test No: ISF 202694P1



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
						50%	30%	10%	50%	30%	10%					50%	30%	10%		
0°	459	0° - 30°	346	33%	0	119	119	119	116	116	111	111	111	6.0	12.7	11.6	0°	45,950		
5°	453	0° - 40°	546	52%	1	106	102	98	103	100	97	99	96	8.0	7.2	15.5	45°	31,395		
15°	425	0° - 60°	880	84%	2	93	87	82	91	86	81	88	83	10.0	4.6	19.3	55°	25,690		
25°	373	0° - 90°	1,042	100%	3	83	75	69	81	74	69	78	72	12.0	3.2	23.2	65°	19,956		
35°	303	90° - 180°	0	0%	4	74	66	60	73	65	59	70	64	14.0	2.3	27.1	75°	13,858		
45°	222	0° - 180°	1,042	100%	5	67	58	52	66	58	52	64	57	14.0	2.3	27.1	85°	5,561		
55°	147				6	60	52	46	60	52	46	58	51	14.0	2.3	27.1				
65°	84				7	55	47	41	54	46	41	53	46	14.0	2.3	27.1				
75°	36				8	51	42	37	50	42	37	49	42	14.0	2.3	27.1				
85°	5				9	47	39	33	46	38	33	45	38	14.0	2.3	27.1				
90°	0				10	43	36	30	43	35	30	42	35	14.0	2.3	27.1				

Beam Angle: 88.1°
Field Angle: 145.3°

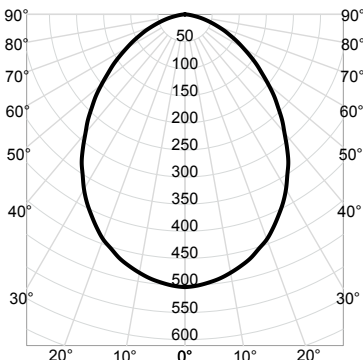
JBK6 RD SWW5 90CRI MW M6 3000K Input Watts: 13.3, Delivered Lumens: 1102, LPW: 82.9, S/MH: 1.11, Test No: ISF 202694P2



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
						50%	30%	10%	50%	30%	10%					50%	30%	10%		
0°	485	0° - 30°	366	33%	0	119	119	119	116	116	111	111	111	6.0	13.5	11.6	0°	48,601		
5°	479	0° - 40°	578	52%	1	106	102	98	103	100	97	99	96	8.0	7.6	15.5	45°	33,206		
15°	450	0° - 60°	931	84%	2	93	87	82	91	86	81	88	83	10.0	4.9	19.3	55°	27,172		
25°	394	0° - 90°	1,102	100%	3	83	75	69	81	74	69	78	72	12.0	3.4	23.2	65°	21,107		
35°	321	90° - 180°	0	0%	4	74	66	60	73	65	59	70	64	14.0	2.5	27.1	75°	14,658		
45°	235	0° - 180°	1,102	100%	5	67	58	52	66	58	52	64	57	14.0	2.5	27.1	85°	5,882		
55°	156				6	60	52	46	60	52	46	58	51	14.0	2.5	27.1				
65°	89				7	55	47	41	54	46	41	53	46	14.0	2.5	27.1				
75°	38				8	51	42	37	50	42	37	49	42	14.0	2.5	27.1				
85°	5				9	47	39	33	46	38	33	45	38	14.0	2.5	27.1				
90°	0				10	43	36	30	43	35	30	42	35	14.0	2.5	27.1				

Beam Angle: 88.1°
Field Angle: 145.3°

JBK6 RD SWW5 90CRI MW M6 3500K Input Watts: 13.3, Delivered Lumens: 1142, LPW: 85.9, S/MH: 1.11, Test No: ISF 202694P3



CP Summary		Zonal Lumen Summary				Coefficients of Utilization										Cone of Light			Luminance (cd/sq.m)	
0°	Zone	Lumens	% Fixture	pf	pc	80%		20%		50%		Mounting Height	Initial FC Center Beam	Beam Diameter	Average Luminance					
						50%	30%	10%	50%	30%	10%					50%	30%	10%		
0°	503	0° - 30°	379	33%	0	119	119	119	116	116	111	111	111	6.0	14.0	11.6	0°	50,368		
5°	497	0° - 40°	599	52%	1	106	102	98	103	100	97	99	96	8.0	7.9	15.5	45°	34,413		
15°	466	0° - 60°	965	84%	2	93	87	82	91	86	81	88	83	10.0	5.0	19.3	55°	28,160		
25°	409	0° - 90°	1,142	100%	3	83	75	69	81	74	69	78	72	12.0	3.5	23.2	65°	21,875		
35°	332	90° - 180°	0	0%	4	74	66	60	73	65	59	70	64	14.0	2.6	27.1	75°	15,191		
45°	243	0° - 180°	1,142	100%	5	67	58	52	66	58	52	64	57	14.0	2.6	27.1	85°	6,096		
55°	161				6	60	52	46	60	52	46	58	51	14.0	2.6	27.1				
65°	92				7	55	47	41	54	46	41	53	46	14.0	2.6	27.1				
75°	39				8	51	42	37	50	42	37	49	42	14.0	2.6	27.1				
85°	5				9	47	39	33	46	38	33	45	38	14.0	2.6	27.1				
90°	0				10	43	36	30	43	35	30	42	35	14.0	2.6	27.1				

Beam Angle: 88.1°
Field Angle: 145.3°



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Downlight, 1100 lumens



Photometrics - JBK6 RD Series

Distribution Curve

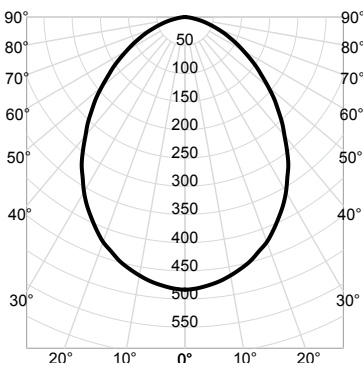
Distribution Data

Output Data

Coefficient of Utilization

Illuminance Data at 30" Above
Floor for a Single Luminaire

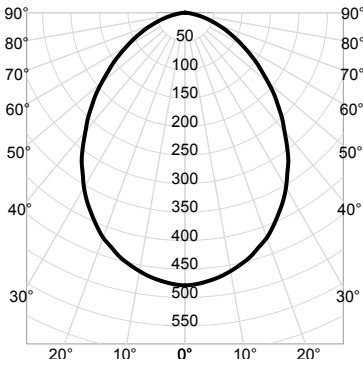
JBK6 RD SWW5 90CRI MW M6 4000K Input Watts: 13.3, Delivered Lumens: 1098, LPW: 82.6, S/MH: 1.11, Test No: ISF 202694P4



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%					50%	30%	10%	
0°	484	0° - 30°	365	33%	0	119	119	119	116	116	116	111	111	111	6.0	13.4	11.6	0°	48,424
5°	478	0° - 40°	575	52%	1	106	102	98	103	100	97	99	96	94	8.0	7.6	15.5	45°	33,085
15°	448	0° - 60°	927	84%	2	93	87	82	91	86	81	88	83	79	10.0	4.8	19.3	55°	27,073
25°	393	0° - 90°	1,098	100%	3	83	75	69	81	74	69	78	72	67	12.0	3.4	23.2	65°	21,031
35°	319	90° - 180°	0	0%	4	74	66	60	73	65	59	70	64	58	14.0	2.5	27.1	75°	14,605
45°	234	0° - 180°	1,098	100%	5	67	58	52	66	58	52	64	57	51				85°	5,861
55°	155				6	60	52	46	60	52	46	58	51	45					
65°	89				7	55	47	41	54	46	41	53	46	40					
75°	38				8	51	42	37	50	42	37	49	42	36					
85°	5				9	47	39	33	46	38	33	45	38	33					
90°	0				10	43	36	30	43	35	30	42	35	30					

Beam Angle: 88.1°
Field Angle: 145.3°

JBK6 RD SWW5 90CRI MW M6 5000K Input Watts: 13.3, Delivered Lumens: 1087, LPW: 81.7, S/MH: 1.11, Test No: ISF 202694P5



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%					50%	30%	10%	
0°	479	0° - 30°	361	33%	0	119	119	119	116	116	116	111	111	111	6.0	13.3	11.6	0°	47,938
5°	473	0° - 40°	570	52%	1	106	102	98	103	100	97	99	96	94	8.0	7.5	15.5	45°	32,753
15°	443	0° - 60°	918	84%	2	93	87	82	91	86	81	88	83	79	10.0	4.8	19.3	55°	26,801
25°	389	0° - 90°	1,087	100%	3	83	75	69	81	74	69	78	72	67	12.0	3.3	23.2	65°	20,820
35°	316	90° - 180°	0	0%	4	74	66	60	73	65	59	70	64	58	14.0	2.4	27.1	75°	14,458
45°	231	0° - 180°	1,087	100%	5	67	58	52	66	58	52	64	57	51				85°	5,802
55°	154				6	60	52	46	60	52	46	58	51	45					
65°	88				7	55	47	41	54	46	41	53	46	40					
75°	37				8	51	42	37	50	42	37	49	42	36					
85°	5				9	47	39	33	46	38	33	45	38	33					
90°	0				10	43	36	30	43	35	30	42	35	30					

Beam Angle: 88.1°
Field Angle: 145.3°