

FEATURES & SPECIFICATIONS

INTENDED USE — The OneUp™ recessed direct-wire LED downlights includes integrated junction box, trim, pre-installed non-metallic bushings and 3-port push wire quick connectors in one package. The OneUp is the most economical means to create a well lit environment with exceptional energy efficiency and near zero maintenance.

CONSTRUCTION — Spun steel, round baffle trim. Integrated galvanized steel junction box with captive door for easy access. Suitable for daisy chaining (pulling wires). Available in 3000K color temperature LEDs.

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°. CRI >90. Maintains at least 70% light output for 50,000 hours.

INSTALLATION — Tool-less installation. 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. Rated for Type IC installations. Maximum of 4 No. 12AWG through branch circuit conductor suitable for 90°C permitted in box. Ground wire provided.

ELECTRICAL SYSTEM — LED module with high-efficiency on board driver. Dimming down to 10%. For compatible dimmers, refer to: Compatible dimmers chart.

Actual wattage may differ by +/-5% when operating at 120V +/-10%.

LISTINGS — ETL certified to US and Canadian safety standards. California T24 compliant. WSEC ASTEM E283 for Air-Tight rated with gasket or caulking between fixture trim and ceiling. Wet location listed*. Indoor damp location only for items in Brushed Nickel finish.

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.

Specifications	
Aperture:	4-3/4" (119.7)
Overlap Trim:	7-1/4" (184.6)
Height:	5" (127.9)
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).	

Catalog Number
Notes
Type

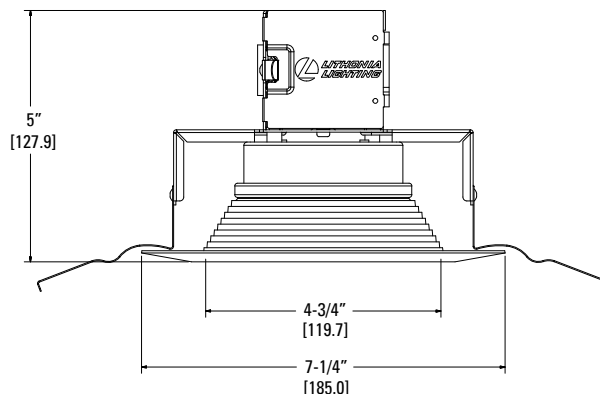
Direct-Wire LED Recessed Downlight

6JBK RD

IC
Remodel



Brushed nickel



ORDERING INFORMATION

Ci Code	Catalog Number	Description
*259WVJ	6JBK RD 30K 90CRI MW M6	Canless Kit 6" Baffle, Round, 3000K, 10.9W, 850L, 90 CRI, Matte white
*261PPV	6JBK RD 30K 90CRI BN M6	Canless Kit 6" Baffle, Round, 3000K, 10.9W, 850L, 90 CRI, Brushed Nickel
*250KKA	6JBK RD 40K 90CRI MW M6	Canless Kit 6" Baffle, Round, 4000K, 10.9W, 870L, 90 CRI, Matte white

Accessories: Order as separate catalog number.

OUJBK643 U Universal Construction Pan



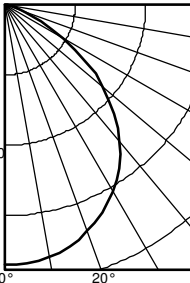
Universal Construction Pan

Notes

- 1 Total System Delivered Lumens.
- 2 Indoor damp location only for items in Brushed Nickel Finish.

6JBK RD OneUP™ Direct-Wire LED

PHOTOMETRICS

Distribution Curve	Distribution Data		Output Data		Coefficient of Utilization			Illuminance Data at 30" Above Floor for a Single Luminaire								
					pf				20%		50%					
	Ave	Lumens	Zone	Lumens % Lamp	pc pw	50%	30%	10%	50%	30%	10%	50%	30%	10%		
	0	370	0° - 30°	285.5 34.0	0	119	119	119	116	116	116	111	111	111		
	5	369 35	0° - 40°	462.2 55.0	1	107	103	100	104	101	98	100	98	95	50% beam - 63.3°	
	15	355 100	0° - 60°	756.0 90.0	2	95	89	84	93	88	83	90	85	81	10% beam - 104.8°	
	25	326 150	0° - 90°	840.4 100.0	3	85	77	72	83	76	71	80	75	70		
	35	284 177	90° - 120°	0.0 0.0	4	76	68	62	75	67	62	72	66	61		
	45	220 169	90° - 130°	0.0 0.0	5	68	60	54	67	60	54	65	58	53		
	55	141 125	90° - 150°	0.0 0.0	6	62	54	48	61	53	48	59	52	47		
	65	57 59	90° - 180°	0.0 0.0	7	56	48	43	56	48	42	54	47	42		
	75	19 21	0° - 180°	840.4 *100.0	8	52	44	38	51	43	38	50	43	38		
	85	4 5	*Efficiency		9	48	40	35	47	40	34	46	39	34		
90	0			10	44	36	31	43	36	31	43	36	31			
								Mounting Height		Initial FC Center Beam		Diameter FC		Diameter FC		
								8.0		12.2		6.8 6.1		14.3 1.2		
								10.0		6.6		9.2 3.3		19.5 0.7		
								12.0		4.1		11.7 2.1		24.7 0.4		
								14.0		2.8		14.2 1.4		29.9 0.3		
								16.0		2.0		16.6 1.0		35.0 0.2		

ENERGY DATA

6" ROUND ENERGY DATA				
Color Temperature		3000K	4000K	
Lumens		850	870	
CRI	90			
Lumens/Watt		77.98	79.82	
Min. starting temperature	-18°C (-0°F)			
EMI/RFI	FCC Title 47 CFR, Part 15, Class B			
Sound rating	Class A Standards			
Input voltage	120V AC			
Min. power factor	0.9			
Input frequency	50/60HZ			
Rated wattage	10.9W			
Input power	10.9W			
Input current	0.09A			

DIMMER COMPATIBILITY

COMPATIBLE DIMMERS				
Lutron	Leviton	Pass & Seymour	Synergy/Leviton	Sensorswitch
DV-603P-LA	6633-PA	HCL453PTCCCV6	ISD 600 I 120 / IPI06	nSP5 PCD 2W
CT-603PR-WH	6615-P	LS 603 PWV	ISD 1000 I 120 / IPI10	nSP5 PCD ELV 120
DVELV-300P			ISD 400 ELV 120 / IPE04	
300P SELV				
DV-600P				
NTELV-300P				
NLV-600				
Caseta PD-6WCL dimmer (requires Lutron Smart Bridge L-BDG2-WH which is sold separately from the dimmer)				

LIGHTING FACTS

LED

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)

Watts

Lumens per Watt (Efficacy)

850

10.9

77.98

Color Accuracy

Color Rendering Index (CRI)

90

Light Color

Correlated Color Temperature (CCT)

3000 (Bright White)

Warm White

Bright White

Daylight

2700K

3000K

4500K

6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: NJSM-7P06FK (7/20/2017)

Model Number: 6JBK RD 30K 90CRI

Type: Luminaire - Downlight