



Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

6" LED DIRECT MOUNT JUNCTION BOX MODULE

JKWT6RD08LM30K90W_4



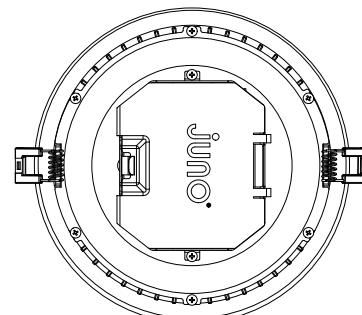
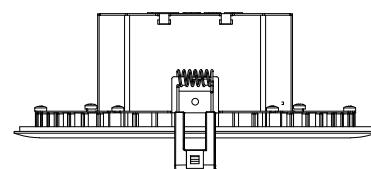
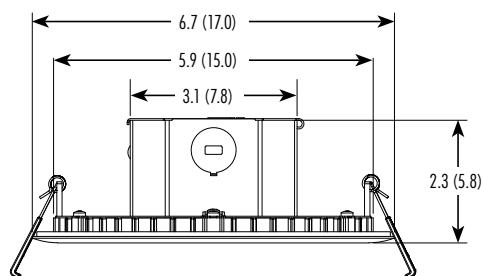
White



Brushed Nickel

DIMENSIONS

All dimensions are inches (centimeters)



FEATURES & SPECIFICATIONS

Intended Use — The 6" shallow LED recessed downlight with direct wire junction box combines high quality light output and efficiency while eliminating the housing for competitive affordability. This innovative shallow Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a housing. The LED module maintains at least 70% light output for 36,000 hours. These are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, nursing/retirement homes, condos, elevators, apartments, and any other small areas.

Construction — IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Steel spring clip for easy installation. Direct wire junction box is suitable for pulling wires with the 12 cubic-inch wiring compartment to accommodate up to (8) 14 gauge insulated conductors, or (6) 12 gauge insulated conductors; making the LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly. Available in white or brushed nickel finish.

PATENT PENDING.

Installation — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for proper installation of the trim. Size of hole should not exceed 6 1/4 inches for this product.

Optics — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilized 3000K color temperature LEDs.

Electrical — 120V power supply. Dimming down to 10% (See page 2 for recommended dimmers). Replaces 75W incandescent for 850 lumens.

Listings — CSA certified to US and Canadian safety standards. ENERGY STAR® certified product. Wet location. Air Tight certified in accordance with ASTM E283-2004. NOM Certified. Certified to the high efficacy requirements of California T24.

Warranty — 5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

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.

Example: JKWT6RD08LM30K90W4

ORDERING INFORMATION

Series	
JKWT6RD08LM30K90W4	Ultra-Shallow Direct Wire Junction Box, 6", Round, 850 lumens, 3000K, 90 CRI, White
JKWT6RD08LM30K90B4	Ultra-Shallow Direct Wire Junction Box, 6", Round, 850 lumens, 3000K, 90 CRI, Brushed Nickel

6" LED DIRECT MOUNT JUNCTION BOX MODULE

JKWT6RD08LM30K90W_4

PHOTOMETRICS

Distribution Curve		Distribution Data		Output Data		Coefficient of Utilization						Illuminance Data at 30" Above Floor for a Single Luminaire													
JKWT6, 3000K LEDs, input watts: 13.1, delivered lumens: 890, LM/W = 67.9, test no. ISF 33869, tested in accordance to IESNA LM-79.	80°	Ave	Lumens	Zone	Lumens	% Lamp	pf			20%			50%			50% beam - 62.4°									
							pc	pc	pw	50%	30%	10%	50%	30%	10%	Mounting	Initial FC	Center	Height	Beam	Diameter	FC	Diameter	FC	
0	386	0° - 30°	295.8	29.9	0	119	119	119	116	116	116	111	111	111	111	111	111	111	8.0	12.8	6.7	6.4	14.7	1.3	
5	385	37	0° - 40°	475.7	48.0	1	104	100	96	102	98	95	98	95	92	98	95	92	10.0	6.9	9.1	3.4	20.0	0.7	
15	370	104	0° - 60°	800.7	80.9	2	91	85	79	90	83	78	86	81	76	86	81	76	12.0	4.3	11.5	2.1	25.3	0.4	
25	337	155	0° - 90°	990.2	100.0	3	81	73	66	79	72	66	76	70	65	76	70	65	14.0	2.9	13.9	1.5	30.6	0.3	
35	288	180	90° - 120°	0.1	0.0	4	72	63	57	70	62	56	68	61	55	68	61	55	16.0	2.1	16.3	1.1	36.0	0.2	
45	229	176	90° - 130°	0.1	0.0	5	64	55	49	63	55	49	61	54	48	61	54	48	18.0	1.4	18.3	0.9	40.0	0.1	
55	167	149	90° - 150°	0.1	0.0	6	58	49	43	57	49	43	55	48	42	55	48	42	20.0	0.7	20.3	0.3	44.0	0.0	
65	109	108	90° - 180°	0.1	0.0	7	53	44	38	52	44	38	50	43	38	50	43	38	22.0	0.3	22.3	0.1	48.0	0.0	
75	59	62	0° - 180°			*100.0	8	48	40	34	48	40	34	46	39	34	46	39	34	24.0	0.1	24.3	0.0	52.0	0.0
85	17	19	*Efficiency						9	44	36	31	44	36	31	43	36	31	16.0	2.1	16.3	1.1	36.0	0.2	
90	1						10	41	33	28	40	33	28	40	33	28	40	33	28						

ENERGY DATA & DIMMING CAPABILITY

6" ENERGY DATA	
Color Temperature	3000K
Lumens	850
CRI	90
Lumens/Watt	67.9
Min. starting temperature	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A Standards
Input voltage	120V
Min. power factor	.99
Input frequency	50/60 Hz
Rated wattage	13.1W
Input power	13.1W
Input current	0.11A

COMPATIBLE DIMMERS			
Leviton	Lutron	Sensorswitch	Synergy/Leviton
6615-P	DVELV-300P	nSP5 PCD 2W	ISD 600 I 120/IPI06
	300P SELV	nSP5 PCD ELV 120	ISD 400 ELV 120/IPE04
	NTELV-300P		
	NLV-600		