

Catalog Number
Notes
Type

## FEATURES & SPECIFICATIONS

**INTENDED USE** — The 6" Wafer-Thin LED square recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the pot light housing for competitive affordability. This innovative wafer-slim Type IC design allows easy installation for new construction or remodel from below the ceiling without the requirement of a pot light housing. The LED module maintains at least 70% light output for 36,000 hours. These LED Wafer downlights 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** — Ideal for shallow ceiling plenum since a pot light housing is NOT required. IC rated driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame. Durable, powder coat paint to prevent rust. Square fixture with integral edge-lit LED's. Steel spring clip for easy installation. Plenum rated cable connector to connect from module to remote driver box. Isolated driver integrated inside steel remote box with four 7/8" knockouts with slots for pryout. 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 Wafer LED Downlights much easier to wire in 2in/2out (plus ground) daisy-chain applications and contractor friendly.

**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. Suitable for installation in t-grid and drop ceiling applications. 2" plenum space required for installation of the remote driver box.

**OPTICS** — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilized 2700K, 3000K, 3500K, 4000K, and 5000K color temperature LEDs.

**ELECTRICAL** — Connect directly to 120V power supply via provided UL recognized driver. High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Dimming down to 10% (See page 4 for recommended dimmers). Standard input wattage is 13W, 65 lumens per watt. Replaces 75W incandescent.

**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.

**WARRANTY** — 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://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.

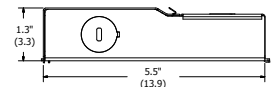
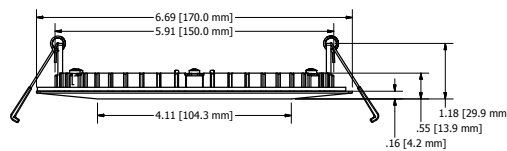
# Wafer LED Recessed Downlight WF6 Square 6" LED Module

IC/Non-IC  
New Construction/Remodel



### Specifications

Aperture:	4.9 (12.4)
Ceiling opening:	6 (15.2)
Overlap trim:	6.7 (17)
Height:	1.1 (2.8)



All dimensions are inches (centimeters) unless otherwise indicated.

### ORDERING INFORMATION

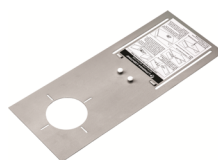
For shortest lead times, configure product using **standard options (shown in bold)**.

**Example:** WF6 SQ B LED 30K MW

Series	LED		CCT/CRI/W/Lumens <sup>1</sup>		Finish		
	Lamp						
<b>WF6 SQ B</b>	6" wafer-thin square LED downlight, baffle trim	<b>LED</b>	<b>LED</b>	<b>27K</b>	2700K/80CRI/13.9W/860L	<b>MW</b>	Matte White
<b>WF6 SQ S</b>	6" wafer-thin square LED downlight, smooth trim			<b>30K</b>	3000K/80CRI/13.4W/880L	<b>MB</b>	Matte Black
				<b>35K</b>	3500K/80CRI/13.2W/900L	<b>BN</b>	Brushed Nickel
				<b>40K</b>	4000K/80CRI/13.9W/920L	<b>ORB</b>	Oil-Rubbed Bronze
				<b>50K</b>	5000K/80CRI/14W/980L		

### Accessories: Order as separate catalog number.

WF6 PAN R12	6" new construction pan, retail pack of 12
WFJB U	Remodel joist bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable



WF6 Pan



Remodel Joist Bar



Extension Cable

**Notes**

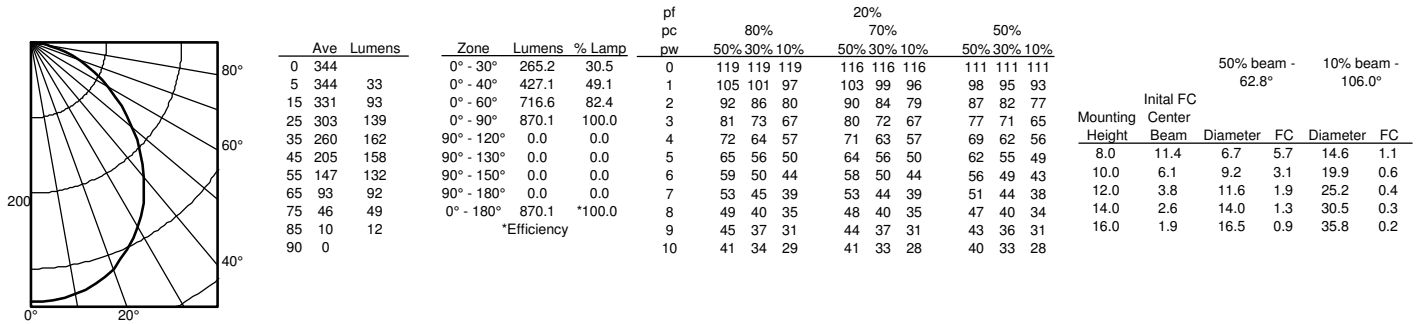
1 Total system delivered lumens.

# WF6 SQ 6" LED Wafer Module

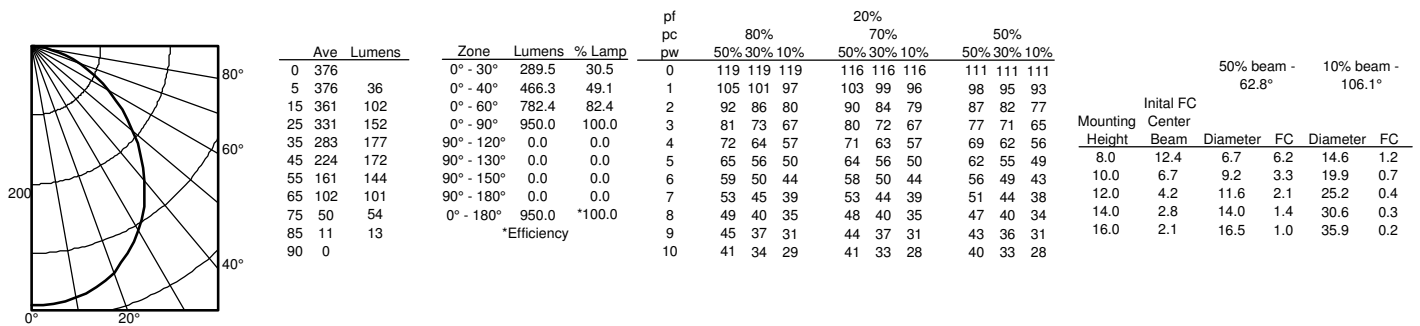
## PHOTOMETRICS

Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

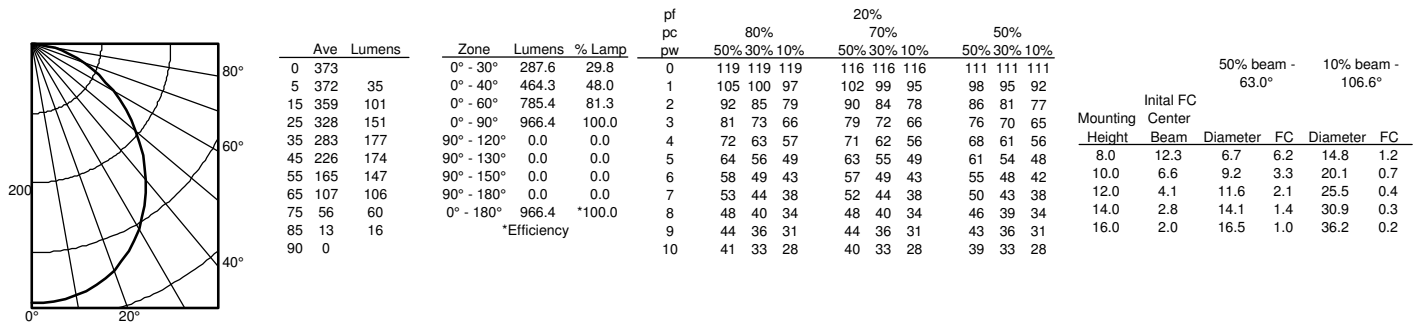
**WF6 SQ S LED 27K, 2700K LEDs, input watts: 13.62, delivered lumens: 870, LM/W=63.8, test no. ISF 33169P1**



**WF6 SQ S LED 30K, 3000K LEDs, input watts: 13.86, delivered lumens: 950, LM/W=68.5, test no. ISF 33169P2**



**WF6 SQ S LED 35K, 3500K LEDs, input watts: 13.2, delivered lumens: 966, LM/W=73, test no. ISF 35158P2**

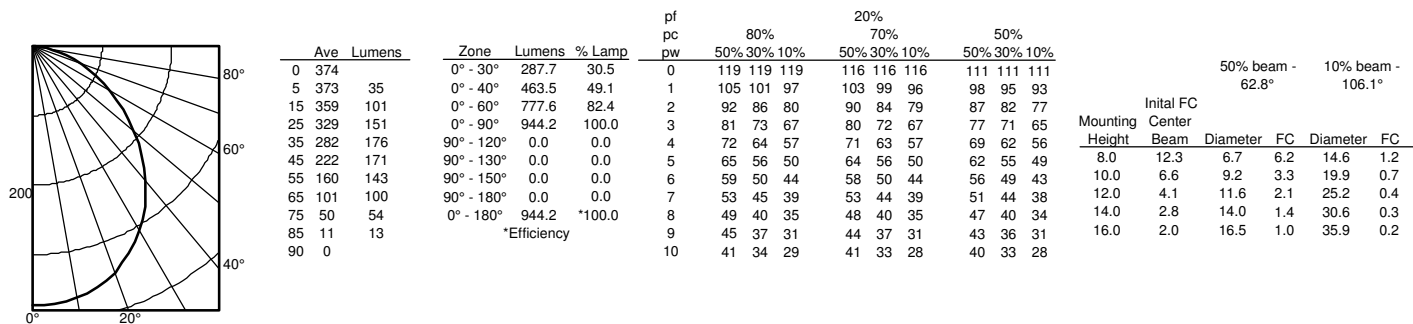


# WF6 SQ 6" LED Wafer Module

## PHOTOMETRICS

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

**WF6 SQ S LED 40K, 4000K LEDs, input watts: 13.7, delivered lumens: 944, LM/W=68.9, test no. ISF 33169P3**



**WF6 SQ S LED 50K, 5000K LEDs, input watts: 14, delivered lumens: 1131, LM/W=80, test no. ISF 35157P1**

