

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The 4" Wafer™ LED recessed downlight with remote driver box combines high quality light output and efficiency while eliminating the 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 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 — 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. 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.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip for easy installation. 4" 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 4 1/4 inches for this product. Suitable for installation in t-grid and drop ceiling applications. 3" plenum space required for installation of the remote driver box.

OPTICS — Edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) proprietary remote LED driver/splice box, with two (2) additional low-voltage wires for 0-10v dimming, down to 10% (depending on dimmer model and application). 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). Standard input wattage is 10.3W, 60 lumens per watt. Replaces 50W incandescent.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR® certified. 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/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.

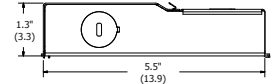
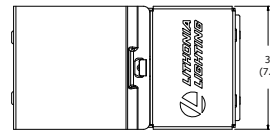
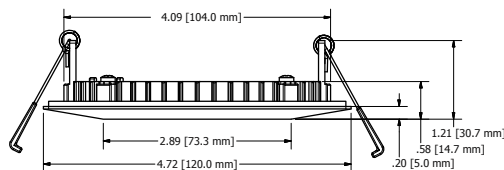
Wafer™ LED Recessed Downlight WF4 SQUARE MVOLT 4" LED Module

IC/Non-IC
New Construction/Remodel



Specifications

Aperture:	3.2 (8.1)
Ceiling opening:	4.2 (10.7)
Overlap trim:	4.7 (12.0)
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)**.

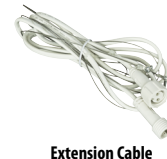
Example: WF4 SQ B LED 30K MVOLT MW

Series	LED Lamp	CCT/CRI/W/Lumens ¹	Voltage	Finish
WF4 SQ B 4" wafer-thin square LED downlight, baffle trim	LED LED	27K 2700K/80CRI/10.4W/610L 30K 3000K/80CRI/10.3W/620L	MVOLT Multi-Volt (120V-277V)	MW Matte White

Notes
1 Total system delivered lumens.

Accessories: Order as separate catalog number.

WF8643 PAN U	Universal New Construction Pan
WFJB U	Remodel joist bar
WFEXC6 U	6' FT4 cable
WFEXC10 U	10' FT4 cable
WFEXC20 U	20' FT4 cable



WF4 SQ MVOLT 4" LED Wafer™ Module

PHOTOMETRICS

Distribution Curve

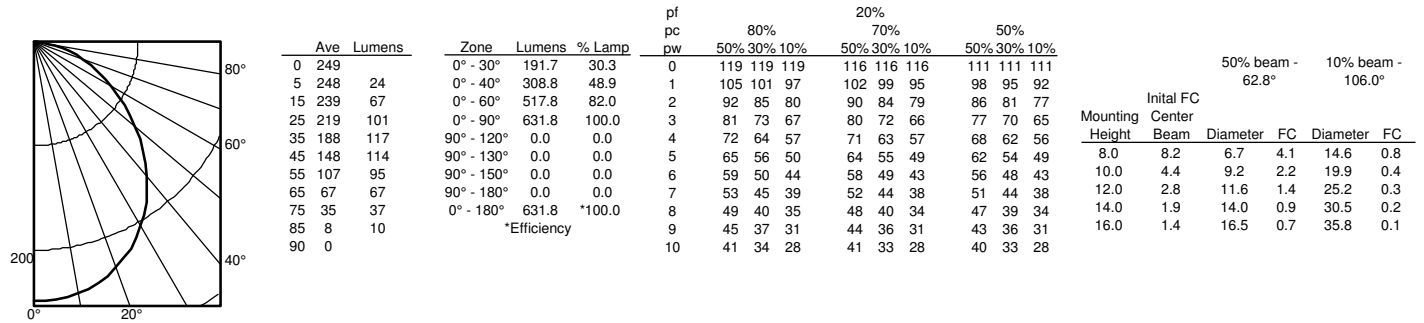
Distribution Data

Output Data

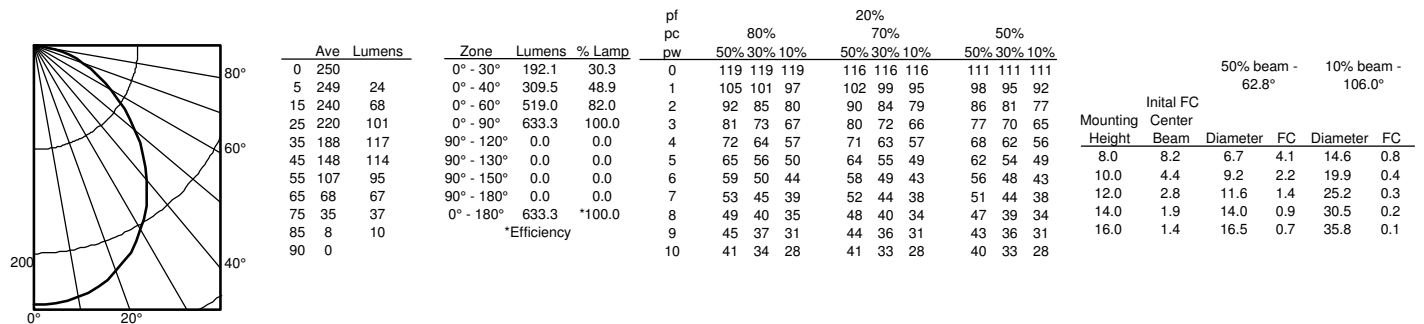
Coefficient of Utilization

Illuminance Data at 30" Above Floor for a Single Luminaire

WF4 SQ B LED 27K, 2700K LEDs, input watts: 10.38, delivered lumens: 631, LM/W=60.7, test no. ISF 33186P4



WF4 SQ B LED 30K, 3000K LEDs, input watts: 10.36, delivered lumens: 633, LM/W=61.1, test no. ISF 33186P5



ENERGY DATA & DIMMER COMPATIBILITY

4" BAFFLE OR SMOOTH ENERGY DATA		
Color Temperature	2700K	3000K
Lumens	610	620
CRI	>80	
Lumens/Watt	58.65	59.85
Min. starting temperature	-40°C (-40°F)	
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	
Sound Rating	A Standards	
Input voltage	120V-277V	
Min. power factor	0.99	
Input frequency	50/60HZ	
Rated wattage	10.4	10.36
Input power	10.4	10.36
Input current	.08A	