

FEATURES & SPECIFICATIONS

INTENDED USE — The 4" Wafer™ LED 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 35,000 hours. These Wafer™ LED 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. Round 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. Not suitable for pulling wires.

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.

OPTICS — 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 — 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). High efficient driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F (+40°C). Standard input wattage is 9.6W, 70 lumens per watt.

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

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.

Catalog Number
Notes
Type

Wafer™ LED Recessed Downlight

WF4 MVOLT 4" LED Module

IC/Non-IC
New Construction/Remodel



Matte black



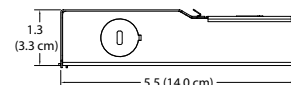
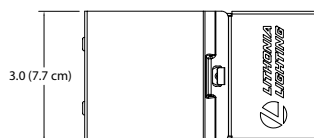
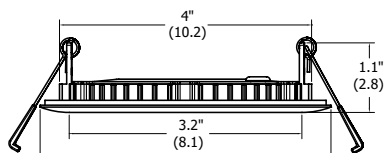
Brushed nickel



Oil-rubbed bronze

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 in inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: WF4 LED 30K MVOLT MW

WF4				
Series	Lamp	CCT/CRI/W/Lumens ¹	Voltage	Finish ²
WF4 4" Wafer™ LED downlight	LED LED	27K 2700K/80CRI/10.6W/660L 30K 3000K/80CRI/9.6W/675L 35K 3500K/80CRI/10.2W/740L 40K 4000K/80CRI/10W/765L 50K 5000K/80CRI/10.4W/780L	MVOLT Multi-Volt (120-277V)	MW Matte white MB Matte black BN Brushed nickel ORB Oil-rubbed bronze

Accessories: Order as separate catalog number.

WF4 PAN R12	4" 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



Notes

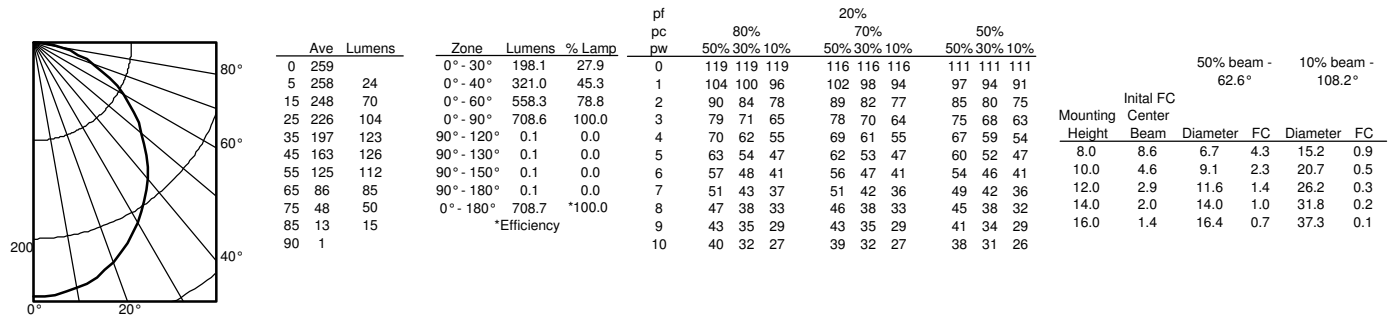
- 1 Total system delivered lumens.
- 2 Only stocked in Matte White finish, enter non-stock order for other color finishes there is a 45 day lead time.

WF4 4" LED Wafer Module

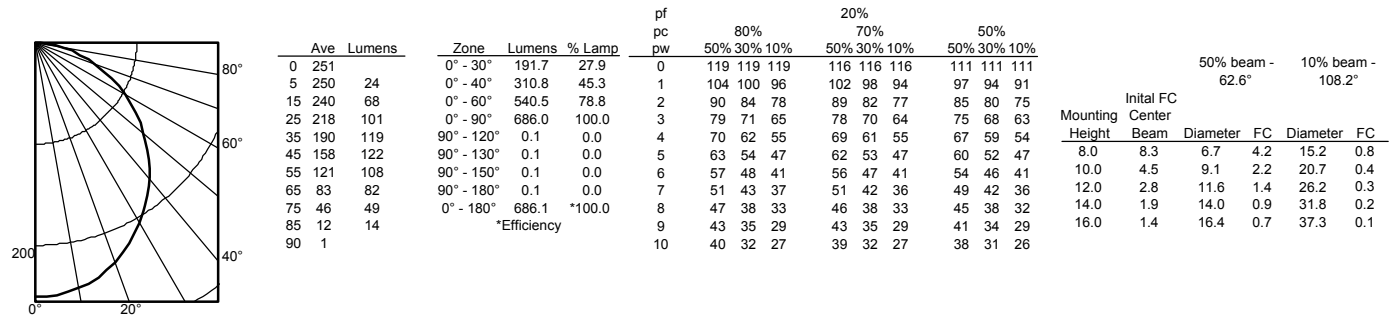
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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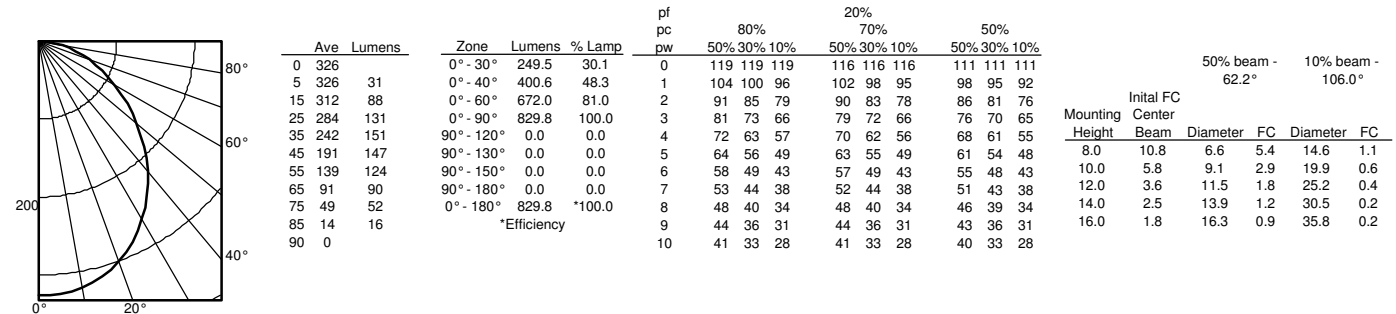
WF4 LED 27K, 2700 K LEDs, input watts: 10.5, delivered lumens: 709, LM/W=62.3, test no. ISF 30027P2



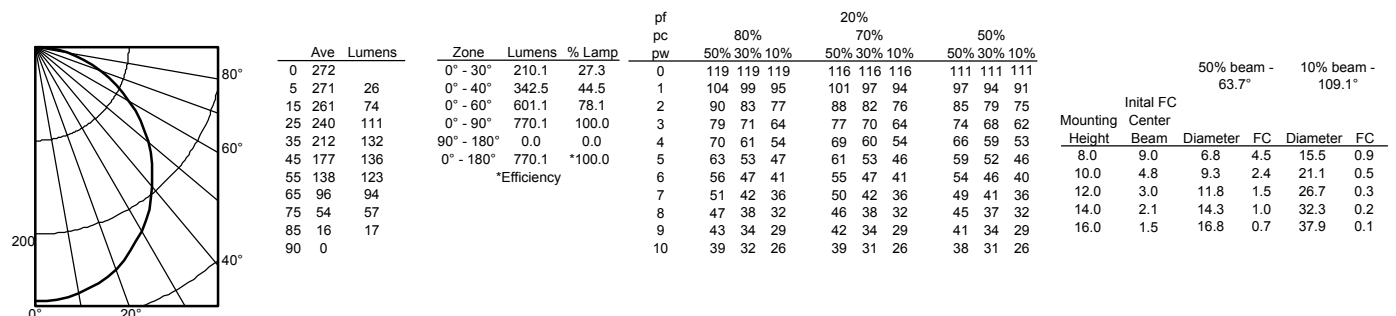
WF4 LED 30K, 3000 K LEDs, input watts: 9.6, delivered lumens: 675, LM/W=70.3, test no. ISF 30027



WF4 LED 35K, 3500 K LEDs, input watts: 10, delivered lumens: 829, LM/W=72.5, test no. ISF 35164

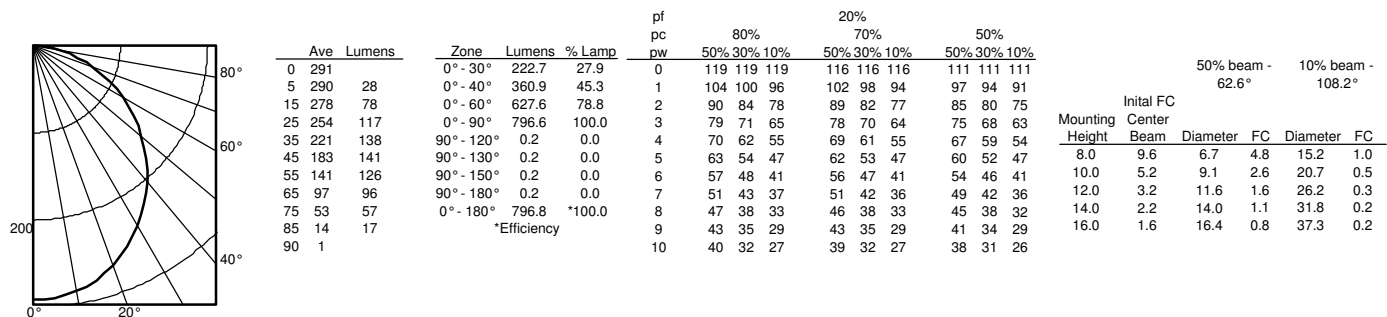


WF4 LED 40K, 4000 K LEDs, input watts: 10, delivered lumens: 765, LM/W=76.5, test no. ISF 30377



WF4 MVOLT 4" LED Wafer™ Module

WF4 LED 50K, 5000 K LEDs, input watts: 10.4, delivered lumens: 796, LM/W=75.0, test no. ISF 30027P3



4" ENERGY DATA	2700K	3000K	3500K	4000K	5000K
Lumens	660	675	740	765	780
Color temperature	2700K	3000K	3500K	4000K	5000K
CRI	80	80	80	80	80
Lumens/Watt	62.2	70.3	72.5	76.5	75
Min. starting temperature	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)	-40°C (-40°F)
EMI/RFI	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B	FCC Title 47 CFR, Part 15, Class B
Sound rating	Class A standards	Class A standards	Class A standards	Class A standards	Class A standards
Input voltage	120V-277V	120V-277V	120V-277V	120V-277V	120V-277V
Total Harmonic Distortion	15.3%	15.3%	15.3%	15.3%	15.3%
Min. power factor	0.99	0.97	0.98	0.98	0.98
Input frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated wattage	10.6W	9.6W	10.2W	10W	10.4W
Input power	10.6W	9.6W	10.2W	10W	10.4W
Input current	0.09A	0.08A	0.09A	0.08A	0.09A