

Catalog Number
Notes
Type

FEATURES & SPECIFICATIONS

INTENDED USE — The 4" Wafer-Thin 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 36,000 hours. These LED Wafer downlights are intended for closets, attics, hallways, bathrooms, kitchens, basements, soffits, entryways, 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. 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. 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 — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribute light. Polycarbonate lens provides even illumination throughout the space. Utilizes 3000K and 4000K 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 2 for recommended dimmers). Standard input wattage is 9.6W, 70 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/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.

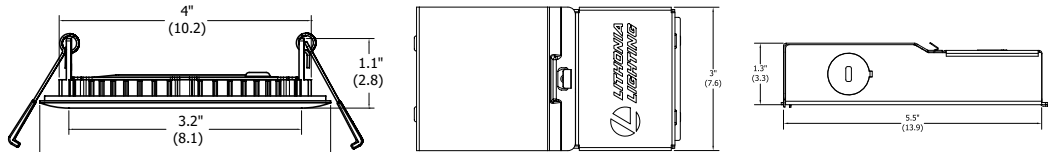
Wafer LED Recessed Downlight WF4 4" LED Module

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 in inches (centimeters) unless otherwise indicated.

ORDERING INFORMATION

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

Example: WF4 LED 30K MW

WF4 Series	LED Lamp	CCT/CRI/W/Lumens ¹	Finish
WF4 4" wafer-thin LED downlight	LED LED	30K 3000K/80CRI/9.W/675L ³ 40K 4000K/80CRI/10W/765L ²	MW Matte white BN Brushed nickel

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



WF4_Pan



Remodel Joist Bar



Extension Cable

Notes

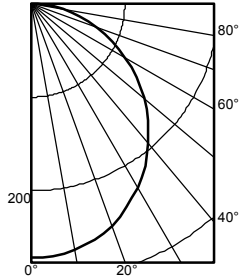
- 1 Total system delivered lumens.
- 2 40K in MW and BN only.
- 3 30K in MW only.

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



Ave Lumens	Zone	Lumens	% Lamp	pf	80%			20%			50%			50% beam - 63.7°		10% beam - 109.1°	
				pc	50%	30%	10%	50%	30%	10%	50%	30%	10%				
				pw										Initial FC			
0	0° - 30°	210.1	27.3	0	119	119	119	116	116	116	111	111	111	Mounting Height	Center Diameter		
5	0° - 40°	342.5	44.5	1	104	99	95	101	97	94	97	94	91	8.0	9.0		
15	0° - 60°	601.1	78.1	2	90	83	77	88	82	76	85	79	75	10.0	4.8		
25	0° - 90°	770.1	100.0	3	79	71	64	77	70	64	74	68	62	12.0	3.0		
35	90° - 180°	0.0	0.0	4	70	61	54	69	60	54	66	59	53	14.0	2.1		
45	0° - 180°	770.1	*100.0	5	63	53	47	61	53	46	59	52	46	16.0	1.5		
55				6	56	47	41	55	47	41	54	46	40	FC	Diameter		
65				7	51	42	36	50	42	36	49	41	36	FC	Diameter		
75				8	47	38	32	46	38	32	45	37	32	FC	Diameter		
85				9	43	34	29	42	34	29	41	34	29	FC	Diameter		
90				10	39	32	26	39	31	26	38	31	26	FC	Diameter		

WF4 4" LED Wafer Module

ENERGY DATA & DIMMER COMPATIBILITY

4" ENERGY DATA	4000K
Lumens	765
Color temperature	4000K
CRI	80
Lumens/Watt	76.5
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
Total Harmonic Distortion	15.3%
Min. power factor	0.98
Input frequency	50/60 Hz
Rated wattage	10W
Input power	10W
Input current	0.08A

COMPATIBLE DIMMERS					
Leviton	Lutron			Sensorswitch	Synergy/Leviton
6633-PA	Maestro MACL-153M (TX)	Diva/Skylark DVRP-253PCTRP-253P	Panel Module HW/LP-RPM-4A-120	nSP5 PCD 2W	ISD 600 I 120/IP106
IPL06-LED/INC mode	Maestro Wireless MRF2-6ELV	Skylark CTCL-150	Panel Module HW/LP-RPM-4U-120	nSP5 PCD ELV 120	ISD 400 ELV 120/IPE04
6615-P	Gen 3.0 DVCL-153P (T9)	Caseta Wireless PD-SNE	Grafik QS/Wallbox LQRJ-WPM-6P		
	Maestro MSCL-OP153M	Maestro MACL-LFQ	Grafik Eye 3000 Family HWI-WPM-6D-120		
	Caseta Wireless PD-6WCL	RadioRA2 RRD-6NA	HomeWorksQS / my Room LQSE-4A1-D/ MQSE-4A1-D/MQSE-3A1/MQSE-2A1-D,120V		
	Grafik T GT-5NEM / GTJ-5NEM	HomeWorks HQRD-6NA	Homeworks QS LQSE-4A-120-D		

*Requires Lutron Smart Bridge L-BDG2-WH for wireless applications (sold separately)

LIGHTING FACTS

Lithonia Lighting

LED ■ ■ ■ ■

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens) 765

Watts 10

Lumens per Watt (Efficacy) 76.5

Color Accuracy 80

Color Rendering Index (CRI)

Light Color 4000 (Bright White)

Correlated Color Temperature (CCT)

2700K 3000K 4500K 6500K

Warm White | Bright White | Daylight

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-UH7A40 (3/15/2016)
Model Number: WF4 LED 40K
Type: Luminaire - Downlight